



**Side Spillway of the O'Shaughnessy Dam
Scioto River Watershed**

THE CITY OF
COLUMBUS
MICHAEL B. COLEMAN, MAYOR

DEPARTMENT OF
PUBLIC UTILITIES

City of Columbus Stormwater NPDES Permit

**January 1, 2012 – December 31, 2012
(Ohio EPA Permit Numbers: 4PI00000*BD and 4PI00000*CD)**

ANNUAL REPORT

CITY OF COLUMBUS ANNUAL REPORT

AUTHORIZATION TO DISCHARGE UNDER THE NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)

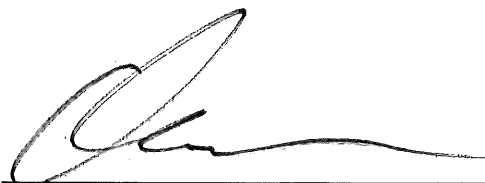
In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq.) and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111), the City of Columbus is authorized by the Ohio Environmental Protection Agency, to discharge from all portions of the City of Columbus municipal separate storm sewer system, to waters of the State in accordance with the approved Storm Water Management Program, monitoring requirements, and other conditions specified in the permit.

January 1, 2012 through April 30, 2012: Ohio EPA Permit No. 4PI00000*BD

May 1, 2012 through December 31, 2012: Ohio EPA Permit No. 4PI00000*CD

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Dax Blake, P.E.
Administrator
Division of Sewerage and Drainage

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SECTION 1 – NARRATIVE SUMMARY

1.1 Annual Report Format and Content

On March 17, 2012, the Ohio EPA issued permit No. 4PI00000*CD to the City in which conditions for the City's Stormwater Management Program were defined. Permit No. 4PI00000*CD became effective on May 1, 2012 and will expire on April 30, 2017. The City continued to implement its Stormwater Management Program in accordance with Part VI.F of permit No. 4PI00000*BD through April 30, 2012. Program activities conducted from January 1, 2012 through December 31, 2012 under both permits are summarized in the following report.

1.2 Overview

The City of Columbus (City) owns and operates the MS4 defined as a system of conveyances and controls designed or used for the collecting, conveying, and controlling stormwater runoff. The MS4 has been constructed since the founding of the City with the primary purpose of conveying and controlling drainage from developed areas such that standing water or flooding does not result from frequent storm events. As the City has developed and regulatory requirements have changed, the MS4 has grown to consist of drainage related appurtenances including storm sewers, catch basins, curb inlets, junction chambers, manholes, culverts, headwalls and endwalls, stormwater pump stations, ditches, manmade channels, detention facilities and post-construction water quality capture facilities. The MS4 discharges to Big Walnut Creek, Alum Creek, the Olentangy River, the Scioto River, Hellbranch Run, Rocky Fork Creek, lesser named creeks, and unnamed tributaries to each.

A Table of Organization that summarizes the program elements and the responsible party for each element under the City's SWMP (Stormwater Management Program) is provided in Appendix A.

1.3 Description of Evaluation Process

The effectiveness of the City's stormwater management program is assessed primarily through tracking BMP implementation. The department verifies or tracks BMP implementation and determines how a management program is being implemented. It is the primary tool for developing most of the City's measurable goals.

In preparation of the Annual Report, the City compiles tracking information to provide quantitative evidence of the extent of implementation of the various program elements. Data analysis for this type of monitoring consists of an annual summary of the program data and evaluation of trends as appropriate.

1.4 Major Findings, Areas of Accomplishment, Areas Needing Improvement, and Future Direction

Table 1 summarizes the major findings, areas of accomplishment, areas of the stormwater program needing improvement and actions the City intends to take as part of its SWMP. More specific information about activities conducted during the 2012 reporting period is provided in Section 2.

**Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction**

Program Element	Major Findings	Areas of Accomplishment	Areas Needing Improvement	Future Direction
Administrative	The City of Columbus annexed approximately 240 acres into City's corporation limits in 2012.	<ol style="list-style-type: none"> 1. The City received final permit 4PI00000*CD on March 17, 2012. 4PI00000*CD became effective on May 1, 2012. 2. Approximately 146 acres of land were annexed into the City of Columbus in 2011. Evaluation of these areas identified the following items for incorporation into the City's MS4 program: <ol style="list-style-type: none"> 1. 44 Stormwater outfalls 2. 1 Home septic treatment systems 3. 12 post-construction BMPs 	The City is in the process of revising its Stormwater Management Plan to reflect changes in the new permit 40PI00000*CD.	Evaluation of areas annexed in 2012 for presence of additional HSTs, stormwater outfalls, post-construction BMPs, and industrial locations will be conducted in 2013.
Public Education	The City's strong	1. The rain barrel cost	1. In order to better	1. We continue to build

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Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction**

Program Element	Major Findings	Areas of Accomplishment	Areas Needing Improvement	Future Direction
	<p>partnerships with local agencies, watershed groups and businesses contribute to the success of our stormwater education program. Public interest in the rain barrel cost share program was high in 2012. In order to receive a rain barrel at a reduced cost, residents had to attend a workshop in person or view an online presentation and pass a quiz to receive a voucher. This program is a successful gateway BMP and educational opportunity.</p>	<p>share program continues to be a successful gateway BMP and educational opportunity. The program was expanded in 2012 to include 50 rain barrels provided at no cost to residents participating in the department's Low Income Discount program.</p> <p>2. In partnership with the Environmental Steward's Office, the GreenSpot children's program was implemented in 2012. The program supports Columbus City Schools' First Grade curriculum. 65 classrooms at 44 different schools are</p>	<p>target our stormwater education message and maintain costs, DPU and other local agencies continue to collaborate, looking at the possibility of unified messaging and shared outreach/publication s. We continue to look for ways to reach populations in our community that have been underserved.</p> <p>2. The department is looking at various ways of coordinating the process of establishing measurable goals and evaluation methods with systems already in place or under</p>	<p>upon and expand partnerships, collaborate to create programs, share resources and look for funding opportunities with the common goal of improved water quality.</p> <p>2. This year's month-long, communitywide Riverfest event will include a fun, educational opportunity at Jackson Pike Wastewater Treatment plant that will include a stormwater protection message.</p>

Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction

Program Element	Major Findings			Future Direction
		<p>now participating in GreenSpot Kids. Teachers received a set of books for their classroom, a program implementation guide, an in-class field trip, and other resources featuring stormwater messaging. All materials are available on the website for any teacher to access and download.</p> <p>3. GreenSpot, a Web based recognition program designed to educate and inspire the public on how to live greener, received commitments in 2012 from 48 businesses and 1,572</p>	development.	

Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction

Program Element	Major Findings		Areas Needing Improvement	Future Direction
		<p>households. Commitments include water quality protection activities.</p> <p>4. The Central Ohio Children’s Water Festival hosted 670 fifth graders in 2012. The stormwater protection message was strengthened through presentations given by Stormwater Section and other DOSD staff. .</p> <p>5. DPU Green Home and handout, which includes water protection and conservation tips, was on display at four Neighborhood Pride community centers.</p> <p>6. The department created Educational</p>		

Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction

Program Element	Major Findings		Areas Needing Improvement	Future Direction
		<p>signage to educate visitors to the reservoirs and the Utilities Complex about the benefits of green infrastructure to remove pollutants from stormwater before it enters waterways. We now have a total of 17 signs.</p>		
Public Involvement	<ol style="list-style-type: none"> 1. Opportunities to become actively involved, particularly through the GreenSpot program and activities coordinated through our partnering agencies (CORGI, MORPC, local watershed groups, etc) have generated significant public interest. 2. Active involvement is 	<ol style="list-style-type: none"> 1. Local businesses participating in the GreenSpot program have committed to or have already taken steps that have a positive influence on reducing stormwater runoff and/or allowing more natural filtering to take place. A list of local businesses who have committed to take action to reduce 		<ol style="list-style-type: none"> 1. A Community Sustainability Initiative will be created to support small businesses in becoming GreenSpot members. 2. The OEPA granted the City a three year period to develop a modification to the current Wet Weather Management Plan. During this period, the community will

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Summary of Major Findings, Areas of Accomplishment,
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Program Element			Areas Needing Improvement	
	<p>also achieved both through organization of river cleanup events (as well as promotion of those organized by volunteer agencies) and through our volunteer storm drain marking program.</p>	<p>stormwater runoff is provided in Appendix E.</p> <p>2. A Community Sustainability Initiative (CSI) was developed to support large businesses in becoming GreenSpot members. The CSI consisted of a workshop for each of the categories businesses need to commit to in order to become a GreenSpot, including the commitments to conserve and protect water.</p>		<p>be asked which they prefer as we move forward: gray or green infrastructure. This effort will involve a large campaign to educate residents on the benefits of green infrastructure as a means of controlling the quality and quantity of stormwater runoff.</p>
<p>Illicit Discharge</p>	<p>1. Permit 4PI00000*CD requires the City to work with local public health officials to:</p> <ul style="list-style-type: none"> • Connect existing home septic 	<p>1. During this reporting period, the City's Division of Sewerage and Drainage (DOSD) identified 251 HSTS locations that are</p>		<p>1. DOSD will meet with City Health Department in early 2013 to review the 251 HSTS locations that appear eligible for connection to</p>

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Areas Needing Improvement, and Future Direction**

Program Element			Areas Needing Improvement	
	<p>treatment systems (HSTS's) to existing sanitary sewers, where feasible,</p> <ul style="list-style-type: none"> • Evaluate extensions of sanitary sewers to areas currently served by HSTSs <p>2. The City invested in upgrades to 2 handheld GPs units, and purchased a new flow meter and handheld multimeter during this reporting period to assist in dry weather and wet weather monitoring.</p>	<p>within 200 feet of an existing sanitary sewer and can potentially connect to central sewer service.</p> <p>2. All Stormwater Investigators received environmental law enforcement training from KLEMA Environmental Solutions this reporting period.</p>		<p>sanitary sewers.</p> <p>2. The City is drafting legislation that would defer costs associated with the connection to, and extension of, sanitary sewer systems to HSTS owners. Legislation approval by City Council is expected to occur in early 2013.</p> <p>3. The City is now performing dry weather field screening at all of its MS4 outfalls as required by permit 4PI00000*CD. Permit No. 4PI00000*BD only required screening at major MS4 outfalls.</p>
Construction			Network and Wi-Fi connections are inconsistent throughout	A full layer for the SWP3 Program on the City's GIS Dashboard is

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Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction**

Program Element	Major Findings	Areas of Accomplishment	Areas Needing Improvement	Future Direction
			the City. The City's IT Department is working to improve full coverage.	being reviewed for implementation. The layer would include all SWP3 data relative to construction sites.
Post Construction		130 maintenance information packets were distributed to owners/management companies that are responsible of maintaining post-construction BMPs.		Review annexation data to identify WQ BMPs that may have been annexed in 2012.
Good Housekeeping/Pollution Prevention		The City submitted Notice of Intent (NOI) applications for all 6 of its facilities that require permit coverage under 40 CFR 122.26(b)(14) during this reporting period.	<ol style="list-style-type: none"> 1. A SWPPP for the City's ranger station in Bellpoint, Ohio must be developed. 2. The City's method of handling and disposing of debris collected from street sweeping operations must be assessed. 	<ol style="list-style-type: none"> 1. A SWPPP for the City's ranger station in Bellpoint, Ohio to be developed. 2. A work instruction detailing the City's method of handling and disposing of debris collected from street sweeping operations should be developed.
Industrial and Related	1. The names of	205 No Exposure	1. The City was	1. Review 2012

Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction

Program Element		Areas of Accomplishment		
Facilities	<p>industries that have been identified and contacted by the City that have not shown proof of permit or No Exposure Certification coverage are listed in Appendix Q as Category 1 industries.</p> <p>2. The number of Category 1 industries increased this reporting period since 27 industries in the City's inventory have not re-applied for coverage under OEPA General Permit No. OHR000005. Similarly, 130 of No Exposure Certification exemptions have expired during this reporting period.</p> <p>3. The City revised its</p>	<p>certifications and 101 industrial General Permits have been acquired to date.</p>	<p>advised by Ohio EPA that the City will not be able to access Ohio EPA's electronic sampling database.</p> <p>2. The City has been unsuccessful at acquiring copies of NOIs, General Permit confirmation numbers, and No Exposure application and confirmation letters for industries in its inventory from Ohio EPA.</p>	<p>annexation data to identify industries that may have been annexed.</p> <p>2. The City will schedule appointments with Ohio EPA throughout 2013 to retrieve copies of NOIs, General Permit confirmation numbers, and No Exposure application and confirmation letters for industries in its inventory.</p>

Table 1
Summary of Major Findings, Areas of Accomplishment,
Areas Needing Improvement, and Future Direction

Program Element		Areas of Accomplishment	Areas Needing Improvement	Future Direction
	<p>industrial inspection form to conform to the requirements of the New Multi-Sector General Permit during this reporting period.</p>			
<p>Wet Weather Monitoring</p>		<ol style="list-style-type: none"> 1. 2012 sampling was completed at the five (5) city outfalls monitored under Permit No. 4PI00000*BD. 2. Three new outfall locations were identified by the City for monitoring under Permit No. 4PI00000*CD. Outfall locations are shown on Figure 1 in Appendix B. The Ohio EPA approved monitoring at the three outfall locations on March 28, 2012. 3. Wet Weather 		<p>Initiate collection of flow data and sampling at three new outfall locations under Permit No. 4PI00000*CD.</p>

Table 1
Summary of Major Findings, Areas of Accomplishment,
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Program Element	Major Findings		Areas Needing Improvement	Future Direction
		<p>Monitoring at the 5 outfalls monitored under Permit No. 4PI00000*BD ceased on December 31, 2012.</p> <p>4. Monitoring at the three new outfall locations will commence on January 1, 2013.</p>		

SECTION 2 – ASSESSMENT OF BEST MANAGEMENT PRACTICES

The SWMP includes BMPs that have been developed and implemented by various city departments and divisions in response to the requirements in Ohio EPA permits 4PI00000*BD and 4PI00000*CD. The work is coordinated by the Department of Public Utilities, Division of Sewerage and Drainage, Stormwater and Regulatory Management Section. Work is managed by the various divisions and departments including Department of Public Service, Department of Public Safety, and Department of Recreation and Parks. Based upon specific SWMP goals, responsibilities are delegated to different departments or divisions. The SWMP is an on-going effort to reduce pollutant discharges from the MS4 to the maximum extent practicable. The City of Columbus continues to work to develop and improve a comprehensive employee training program, increase public awareness, foster inter-governmental and inter-community cooperation, and promote the improvement of stormwater runoff in local watersheds.

Ohio EPA permits 4PI00000BD and 4PI00000*CD require the City to develop and report on the implementation of BMPs and measurable goals for each element of the City's SWMP. BMPs are generally described as activities, prohibitions of practices, maintenance, structural controls, and management practices and procedures used to prevent or reduce the release of pollutants or otherwise prevent adverse impacts to surface waters. The objective of stormwater BMPs is to control the quality and/or quantity of stormwater runoff to reduce the adverse impact on local receiving waters. The following tables outline the BMP and measurable goal implementation status for each program component in the SWMP. Due to changes in permit conditions under permit No. 4PI00000*CD, the City's Stormwater Management Plan is currently being revised to update descriptions of how BMPs are implemented, written procedures the City uses to address stormwater quality throughout its various program elements, rational statements, evaluation methods, and the departments responsible for BMP implementation.

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

SWMP Component: Identify Target Pollutants

<u>BMP PE1– Identify Target Pollutants</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Identify at least three residential and three industrial/commercial issues the public education program is designed to address.	1. Residential issues identified include: pet waste, lawn care, vehicle washing and maintenance, onsite stormwater retention practices. 2. Industrial/commercial issues identified include: Fats, oils and grease, vehicle washing and maintenance, building and grounds maintenance, and salvage and recycling activities.	√		
2. Review target list during preparation of the City’s annual compliance report to Ohio EPA.	Reviewed target audience list during annual report preparation. No additional stakeholders were added to the list this reporting period.	√		
3. Assess changes in public awareness and behavior resulting from the public education program.	Assessment activities are being developed.			In progress*
Planned Activity for Next Reporting Period:	Measurable goals will be established and evaluation methods will be determined.			
Discussion:	*The department is looking at various ways of coordinating the process of establishing measurable goals and evaluation methods with systems already in place or under development.			

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

SWMP Component: Develop Education Materials

BMP PE2 – Develop and Publicize Educational Materials				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period¹:	Measurable Goals Achieved?		
		Yes	No	Other
1. Reach 20% of city residents each year through distribution of educational materials.	The City reached an estimated 300,000 residents (27%) through distribution of educational materials this reporting period. This is a conservative estimate, accounting simply for bill inserts (just under 300,000 per quarter) and assuming only one person per insert, while not counting additional materials such as the WALD brochure which results in a “double hit” for many ratepayers.	√		
2. Print and distribute at least 150,000 copies of the WALD brochure each year.	Distributed 163,453 brochures via home delivery, distribution sites and events.	√		
3. Develop and complete one campaign with a radio or TV station for public service announcements (PSAs) each year for at least 2 months.	Ran 30-second television PSA on GTC-3 government access cable channel (non-paid) for 12 months.	√		
4. Promote information on disconnecting downspouts and other ways to prevent sewer overflows at least once a year.	Published 595,680 bill inserts and information was also available on DPU’s Web site.	√		
5. Conduct 24 Food Service Programs where restaurant employees are educated about prevention of illicit discharges during parking lot and dumpster cleaning.	1. 51 Food Service Program training sessions were held. 2. 1,218 restaurant employees attended the Food Service Program.	√		

¹ See Appendix C for detailed summary of Public Education and Outreach activities.

BMP PE2 – Develop and Publicize Educational Materials

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period ¹ :	Measurable Goals Achieved?		
		Yes	No	Other
6. Develop partnerships with local agencies to promote environmental stewardship and involve local environmental and educational groups.	<ol style="list-style-type: none"> 1. In partnership with Franklin Soil and Water District and Grief, Inc., 950 households were educated on stormwater impacts and possible solutions. Each household received a rain barrel at a reduced price. 2. The city's partnership/grant with the Franklin Soil and Water Conservation District (FSWCD) continued to deliver information on the city's storm drain marking program to almost 3,000 teachers in Columbus schools. FSWCD also provided stormwater presentations reaching over 3,000 students. Additionally, 700 area students (K-8) participated in the National Association of Conservation Districts-sponsored poster contest "Soil to Spoon" poster contest. 3. The City continues to be an active partner in the Central Ohio Rain Garden Initiative (CORGI). Franklin Soil Water and Conservation District leads the effort with services being provided by various agencies including Columbus. As of fall 2012, there were 115 rain gardens in Columbus, totaling 236,000 square feet that collect 17,036,250 gallons of storm water per year. CORGI provided assistance to landowners, schools, businesses, and organizations; this includes 	√		

BMP PE2 – Develop and Publicize Educational Materials

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period ¹ :	Measurable Goals Achieved?		
		Yes	No	Other
	the USGS and EPA who are monitoring several rain gardens that were installed at Griggs Reservoir in 2011. In May, Franklin Soil and Water Conservation District was awarded a little over \$47,000 from the Ohio EPA's Ohio Environmental Education Fund. The grant will help the Central Ohio Rain Garden Initiative and its member entities implement a program geared toward providing local garden centers and nurseries resources to reach out to their customers regarding rain gardens, stormwater issues, and native plants. CORGI continues to work with OSU on our NSF and OARDC grant tasks; give tours of Brook Run; participate at events; provide presentations and handouts; and maintain its website.			
7. Inspire and educate residents, businesses and non-profit/community groups on how to live greener, more sustainable lives, including tips on water quality protection, through various outreach efforts.	1. The DPU Green Home was on display at each of the 4 Neighborhood Pride events. Information on water conservation and protection included Green Home Tips, Picture Me Green children's booklet, Indoor/Outdoor water conservation and protection brochure. Watering gauges, home water conservation kits and the We All Live Downstream brochure were also	√		

² Appendix E provides a list of local businesses who have committed to take action to reduce stormwater runoff under the GreenSpot program.

BMP PE2 – Develop and Publicize Educational Materials

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period ¹ :	Measurable Goals Achieved?		
		Yes	No	Other
	<p>available to residents.</p> <p>2. The GreenSpot web-based program was developed to educate, inspire and recognize those trying to live greener². Outreach/publicity materials included approximately 314,000 bill inserts, two features in Franklin Soil and Water Conservation District’s newsletter to teachers, distribution of postcards and the Mayor’s presentation of awards to three (3) businesses who went above and beyond the requirements. GreenSpot was featured in <i>Edible Columbus</i>.</p> <p>3. The GreenSpot program expanded to include children. With funding and support from an OEEF grant and under the direction of an advisory group, a GreenSpot children’s book, website and activities for families and teachers have been produced. Implementation occurred in 2012. 65 classrooms at 44 different schools are now participating in GreenSpot Kids.</p> <p>4. In partnership with the Health Department, two Green Walk maps were created. Both feature stormwater protection messages. The first Green Walk is of Whetstone Park, the second is a generic map that teachers can use on school grounds. An activity</p>			

BMP PE2 – Develop and Publicize Educational Materials

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period ¹ :	Measurable Goals Achieved?		
		Yes	No	Other
	sheet is included in the generic Green Walk. 3,000 Whetstone Park maps were distributed and 65 Columbus first grade teachers received a map to use on school grounds. The maps are also available at the City's and GreenSpotKids websites.			
Planned Activity for Next Reporting Period:	<ol style="list-style-type: none"> 1. Meet or exceed measurable goals. 2. A GreenSpot program coordinator will be hired and will oversee the development of a new category for neighborhoods. 			
Discussion:				

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS
SWMP Component: Management of Oils and Hazardous Waste

BMP PE3 – Educate Auto Repair Businesses and General Public about Vehicle Fluids and Tire Recyclers				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Print and distribute at least 150,000 copies of the WALD brochure each year.	Distributed 163,453 brochures via home delivery, distribution sites and events.	√		
2. Publicize locations of private recyclers of household hazardous waste, used oil, and tires by annually.	1. Instructions on how to properly dispose of used tires and motor oil are posted on the SWACO web site: http://www.swaco.org/Residents/disposal-information.aspx 2. Household hazardous waste (HHW) recyclers, dates and locations of HHW drop off events coordinated by SWACO are posted on the SWACO web page: http://www.swaco.org/Residents/HouseholdHazardousWaste.aspx 3. Information on HHW disposal and link to SWACO site available on Division of Refuse web page within the Columbus Public Service Department: http://publicservice.columbus.gov/content.aspx?id=30850	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

SWMP Component: Management of Oils and Hazardous Waste

BMP PE4 – Educate General Public about Household Hazardous Wastes (HHW)				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Print and distribute at least 150,000 copies of the WALD brochure each year.	Distributed 163,453 brochures via home delivery, distribution sites and events.	√		
2. Publicize locations of private recyclers of household hazardous waste, used oil, and tires annually.	Publicized location of HHW drop off locations and times through the Solid Waste Authority of Central Ohio (SWACO), which coordinates HHW events in Franklin County. SWACO HHW web page is: http://www.swaco.org/Residents/HouseholdHazardousWaste.aspx . This page also is accessible through a link on the Division of Refuse web page within the Columbus Public Service Department http://publicservice.columbus.gov/content.aspx?id=30850	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

Required SWMP Component: Residential Lawn Program (Part III.B.3.a)

BMP PE5 – Educate Lawn Care Businesses and General Public about Lawn Chemicals and Yard Waste				
Status: Enhance existing programs – Ongoing Implement educational program – Annually				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Print and distribute at least 150,000 copies of the WALD brochure to households each year.	Distributed 163,453 brochures via home delivery, distribution sites and events. WALD brochure includes information relevant to proper use of fertilizers, pesticides, herbicides, other chemicals and thermometers as well as how to properly dispose of yard waste.	√		
2. Publicize City’s yard waste collection/recycling program offered through the Division of Refuse.	1. Publicized recycling tips for homeowners through the Division of Refuse website at: http://refuse.ci.columbus.oh.us/recycle/ while highlighting/promoting the city’s new curbside recycling program through our Facebook page. 2. Publicized yard waste residential collection program through the Division of Refuse website at: http://publicservice.columbus.gov/yardwaste/	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

SWMP Component: Identify Target Audience for Public Involvement Programs

<u>BMP PI1 – Identify and Actively Involve Target Audiences</u>				
Status: Ongoing, annually, must provide up to five public involvement activities by end of permit No. 4PI00000*CD				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Re-evaluate the target audiences annually during preparation of the Annual Report.	Reviewed target audience list during annual report preparation. No changes warranted this period.	√		
2. Track number of residents that participated in the City’s stormwater public participation program each year.	1. 226 volunteers participated in 2 DPU-sponsored river clean up events in June and September 2012. 2. Total volunteers, estimated: 177 (estimate based on 3 volunteers per set of 15 markers; some individuals will apply a set of 15 by themselves while other sets will be applied by scout troops or classrooms under adult supervision. In 2012 the program benefited from the active participation of a resident who, through the Mayor’s Columbus Volunteer Challenge, recruited dozens to apply more than 500 markers in August. Another 150 markers were applied by a student group that uses themes from the Harry Potter books to promote environmental stewardship.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

SWMP Component: Public Involvement and Participation Activities

BMP PI2 – Opportunity for Public Involvement, Storm Drain Marking Project				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Solicit 150,000 homes for participation into the program via brochure distribution and/or bill inserts.	Distributed 163,453 brochures and 588,192 bill inserts.	√		
2. Distribute 300 storm drain markers to volunteer groups per year.	Distributed 885 storm drain markers.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

Required SWMP Component: Public Involvement and Participation Activities (Part III.C.2)

BMP PI3 – Central Ohio River Pride and Other Waterway Litter Cleanups				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Organize at least one stream or river cleanup per year.	Promoted 4 waterway cleanups in 4 watersheds: Olentangy, Scioto, Big Walnut and Alum Creek (3 during River Pride month and an additional one organized by the City's Watershed Management Office in the Fall). In addition, we promoted contact information for the groups Friends of the Lower Olentangy and Friends of the Scioto River, noting they would hold cleanup and invasive plant removal events through the summer months.	√		
2. River Pride cleanups will be promoted to at least 150,000 Columbus households to encourage public participation.	1. Distributed 296,964 bill inserts publicizing River Pride cleanups and volunteers were also made aware of volunteer opportunities through the 163,453 WALD brochures distributed. 2. Event was also publicized on the DPU Web site and 645-STREAM line.	√		
3. At least one news release will be issued on River Pride cleanups.	1 news release and three Facebook status updates were issued to publicize Central Ohio River Pride cleanups.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

Required SWMP Component: Public Involvement and Participation Activities (Part III.C.2)

BMP PI4 – Residential Stormwater Retention				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Publicize and provide opportunity for onsite residential stormwater retention activities.	Residents were provided opportunities to engage in stormwater retention activities via the GreenSpot rain barrel program and the Central Ohio Rain Garden Initiative. CORGI is partnering with local garden centers to educate their staff, customers and landscape designers on residential stormwater retention BMPs. Publicity includes participation in CENTS, the landscaping professional trade show, Franklin Soil and Water Conservation, CORGI and DPU websites and Facebook pages, the Utility Update bill insert.	√		
2. Track number of rain barrels sold through the rain barrel cost share program and rain gardens installed through CORGI's network.	1. 540 rain barrels were distributed to Columbus residents during this reporting period. 2. 5 rain gardens were installed during this reporting period	√		
Planned Activity for Next Reporting Period:	The CORGI grant supporting the partnership with nurseries will continue in 2013. Plant tags have been designed, designating rain garden-friendly plants. Displays will be created and educational workshops will be implemented.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

Required SWMP Component: Public Involvement and Participation Activities (Part III.C.2)

<u>BMP PI5 – Pet Waste Collection Bags</u>				
Status: Ongoing, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Maintain 9 kiosks in city reservoir parks with pet waste bags.	9 kiosks were maintained with pet waste bags at city reservoir parks.	√		
2. Distribute 9,000 pet waste bags for use at city reservoir parks.	9,000 pet waste bags were distributed at city reservoir parks.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

Required SWMP Component: Public Involvement and Participation Activities (Part III.C.2)

BMP PI6 – Household Hazardous Waste (HHW) Drop Off/Collection				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. In cooperation with SWACO, conduct annual HHW drop off events each year.	In cooperation with SWACO, conducted 1 annual HHW drop off event.	√		
2. Track amount of HHW collected per year.	Collected 137 tons of HHW.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

Required SWMP Component: Public Involvement and Participation Activities (Part III.C.2)

BMP PI7 – Watershed and Land Stewardship				
Status: Ongoing, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Perform 400 inspections per year of reservoir landowner properties in the Land Stewardship Program.	556 inspections of reservoir landowner properties under the Land Stewardship Program were conducted.	√		
2. Make 250 contacts per year to provide information and assistance to reservoir landowners in preparing a Land Stewardship Agreement.	435 contacts were made to contiguous neighbors regarding the maintenance of City of Columbus reservoir property and the land stewardship program.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

PUBLIC INVOLVEMENT AND PARTICIPATION

SWMP Component: Public Involvement and Participation Activities

<u>BMP PI8 – Public Hearings and Presentations</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Publish public meeting dates and locations on the City’s web site and/or by email/mail subscriber notification.	Publicized 36 public City Council meetings/hearings on City’s website. ³	√		
2. Hold at least one public hearing per year where residents can comment on stormwater services. This hearing may include City Council’s annual hearing on stormwater, sanitary and water rates.	Conducted 6 public meetings/hearings (1 special rate hearing at City Council and 5 Sewer and Water Advisory Board meetings).	√		
3. Make available public comment opportunities at City Council meetings.	Conducted 36 regular City Council meetings.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

³ See Appendix F for list of City Council meeting/hearing dates for 2012.

PUBLIC INVOLVEMENT AND PARTICIPATION

SWMP Component: Hotline

BMP PI9 – 645-STREAM Hotline				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Establish a hotline for residents to call to report illicit discharges.	Made hotline available to city residents to report illicit discharges. The hotline phone number is 645-STREAM (7873).	√		
2. Publicize hotline in at least one publication each year, such as the WALD brochure.	1. Distributed 163,453 brochures, 595,680 bill inserts and 1 news release in which the hotline number was provided. 2. Publicized hotline number on DPU website. 3. Storm drain markers applied on inlets bear this hotline number.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

ILLCIT DISCHARGE

Required SWMP Component: Prohibit Non-Stormwater Discharges (Part III.D.1)

BMP ID1 – Enact and Enforce City Code to Prohibit Non-Stormwater Discharges				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Review City Code at the beginning of each five-year permit cycle, comparing the codes to EPA permit regulations, and the City will revise the codes as necessary.	Columbus City Code Chapter 1145 currently provides the legal authority to prohibit illicit discharges to the MS4 as well as spills and the dumping or disposing of materials other than stormwater into the MS4; to require compliance with conditions in ordinances, permits, contracts or orders; to inspect operators of construction sites and industrial and commercial activities and to receive and collect necessary information such as stormwater plans and operating procedures, and to effectively respond to violations.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

ILLCIT DISCHARGE

SWMP Component: Mapping

BMP ID2 – Storm Sewer Mapping				
Status: Ongoing, annually				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Annually review and update mapping of existing MS4 infrastructure and outfalls by year five of the permit.	1. 44 outfalls were added to the City’s inventory during this reporting period. 2. New elements of the City’s storm sewer system were continually added throughout the year as new development and redevelopment plans were reviewed and approved by the City. See discussion below for description of mapping update procedures.	√		
2. Annually review and update, if necessary, the list of HSTSs that have been found to discharge to the City’s MS4.	Field investigations and records research identified 90 HSTSs that discharge to the City’s MS4. ⁴	√		
Planned Activity for Next Reporting Period:				
Discussion:	<p>To enhance the City’s capabilities to readily obtain MS4 network information, the City completed the conversion of its sewer atlas maps into a seamless Geographic Information System (GIS). Both sanitary and storm sewer systems are geographically referenced for GIS applications from plan information. Storm sewer information is continuously added to the GIS network as construction drawings are submitted to the City for review and approval. Elements of the GIS network will be used to expand and update the map specified under the Permit.</p> <p>The City completed, and currently maintains, a storm sewer map that shows the location of its stormwater outfalls and private home sewerage treatment systems (HSTS) known to discharge to the City’s MS4. Future MS4 outfalls are added to the map based on information provided by, the</p>			

⁴ See Appendix G for addresses of known HSTSs that discharge to the City’s MS4.

BMP ID2 – Storm Sewer Mapping

Status:

Ongoing, annually

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
	<p>Division of Sewerage and Drainage (DOSD), Private Development Section (PDS). PDS requires applicants to submit stormwater outfall disclosure forms with their stormwater plan submittals. These forms provide planned northing and easting location information as well as information specific to the size, shape, and type of outfall that is planned for construction. Information from these forms is used to map proposed outfalls. The DPU uses existing information available in GIS format from the United States Geological Survey (USGS) to map Waters of the State that lie within or traverse the City of Columbus.</p> <p>Review of city and county health department records reveals that the type and location of many discharging home septic systems within the city are undocumented. Given the unknown nature of these facilities, the city compiled a list of “possible” HSTS locations. The list is comprised of parcels where an inhabitable structure exists and where no sewer tap records or sewer billing account is available. Attempts to solicit information from home owners at “possible HSTS locations” were made through use of questionnaires and onsite evaluations where possible.</p> <p>Mapping is updated by reviewing parcel annexation annually to determine if any stormwater outfalls or properties served by HSTSs exist in newly annexed areas. Conversely, sewer tap permits are reviewed throughout the year to determine what parcels, once served by a HSTS, are connected to the City’s central sanitary sewer system. Once connected to the central sewer system, the HSTS address and location are removed from the “possible HSTS” inventory.</p>			

ILLCIT DISCHARGE

SWMP Component: Illicit Discharge Detection Program

BMP ID3 – Dry Weather Field Screening Procedures and Activities				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop and review annually for update written dry weather field screening procedures.	Written dry weather field screening procedures are included in the City’s Stormwater Management Plan which is currently under revision.			In progress
2. Field crews will receive annual training in dry weather field screening procedures.	Field crews attended 3 training sessions to review proper screening procedures ⁵ .	√		
3. Dry weather field screen 100% of major outfalls by end of 5-year permit cycle.	1. 2,644 outfalls were field screened during this reporting period ⁶ . 2. 357 outfalls exhibited flow dry weather screening 3. 5 instances of illicit discharges were identified through field screening activities	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	Five (5) instances of illicit discharges were identified through field screening activities ⁷ .			

⁵ See Appendix H for training summary of City personnel.

⁶ See Appendix I for major outfall dry weather screening results.

⁷ See Section 3.2 for description of illicit discharges identified through dry weather outfall screening.

ILLCIT DISCHARGE

SWMP Component: Illicit Discharge Detection Program

<u>BMP ID4 – Illicit Discharge Investigations</u>				
Status: Ongoing, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop, and review for update, written procedures that describe how to identify and trace illicit discharges and who should be notified in the instance of an illicit discharge, spill, or illegal dump.	Illicit discharge investigation and reporting procedures were reviewed during this reporting period ⁸ . No changes warranted this period.			In progress
2. Train investigators annually on established procedures for illicit discharge investigation, response, and notification.	Field crews attended 3 training sessions to review illicit discharge detection and notification procedures ⁹ .	√		
3. Investigate each illicit discharge detected during dry weather field screening.	Five (5) illicit discharges were found during dry weather screening and all five of the illicit discharges were investigated ¹⁰ .	√		
4. Respond, when notified, to each instance of a spill, illegal dumping, sanitary discharge, failing HSTS discharge, or industrial release per the established procedures.	1. Received 51 reports of illicit discharge from general public.* 2. Responded to 51 reports of illicit discharge as reported by the general public ¹¹ .	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	*Of the 51 reports of illicit discharges received, 42 reports resulted in the identification of an illicit discharge.			

⁸ Written investigation procedures are included in the City’s current Stormwater Management Plan.

⁹ See Appendix H for training summary of City personnel

¹⁰ See Section 3.2 for more information about these investigations.

¹¹ See Appendix J for summary of illicit discharge reports and investigations

ILLCIT DISCHARGE

Required SWMP Component: Illicit Discharge Elimination Program (Part III.D.5)

BMP ID5 – Illicit Discharge Tracking and Elimination				
Status: Ongoing, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Enter results of illicit discharge investigations into tracking database for each illicit discharge investigated.	Responded to 51 reports of illicit discharge as reported by the general public and added 51 reports of illicit discharge to the City's tracking database.	√		
2. Close out/document elimination of illicit discharges in tracking database.	47 instances of illicit discharge were closed out documenting that the illicit discharge was eliminated.*	√		
3. Review annually for update an enforcement action schedule that documents enforcement actions the City will take to eliminate illicit discharges into the City's MS4.	The enforcement action schedule is included in the City's Stormwater Management Plan which is currently under revision.			In progress
4. Apply appropriate enforcement actions to eliminate each identified illicit discharge ¹² .	1. 20 Notices of Violation were issued. 2. \$3,750 in Administrative Fines was assessed. 3. 13 illicit discharges were referred to other agencies for enforcement/elimination.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	*One report of illicit discharge investigated was not closed out at the end of this reporting period. A main water leak needs to be fixed by the City Water Department before the City can perform dye testing to determine if there is an illicit connection to the MS4. Close-out of this discharge is anticipated to occur during 2013 once the water main is fixed. The City Health Department is working with the owners of 3 improperly functioning home septic treatment systems to repair the malfunctioning systems.			

¹² See Section 5.1.1 for summary of illicit discharge enforcement actions taken during reporting period.

BMP ID5 – Illicit Discharge Tracking and Elimination

Status:

Ongoing, as needed

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
	One (1) illicit connection was disconnected from the City's storm sewer system along the north side of Windsor Avenue west of Joyce Avenue during this reporting period. The connection was one of two illicit connections identified during an ongoing investigation by the City and Ohio EPA into high zinc concentrations found in the City's MS4 and in American Ditch in this area. Disconnection of the second tap is pending approval of funds for future investigations of the property located north of Windsor Avenue. The property, formerly owned by ASARCO, was once used as a zinc smelting facility.			

CONSTRUCTION

SWMP Component: Construction Program

<u>BMP CP1 – Construction Site Pollution Prevention Regulation</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Annually review, and revise as needed, the Erosion and Sediment Pollution Control Regulation.	City's Erosion and Sediment Control regulation was reviewed internally. It was determined that the regulation was consistent with Ohio EPA's current Construction General Permit and that changes to the regulation were not warranted at this time.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.			
Discussion:				

CONSTRUCTION

SWMP Component: Construction Program

<u>BMP CP2 - Construction Site Pollution Prevention Plan Review and Approval Process</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
The City will review and comment on all submitted construction site pollution prevention plans ¹³ .	<ol style="list-style-type: none"> 212 construction site pollution prevention plans were submitted to the City for review/approval. 212 construction site pollution prevention plans were reviewed and approved. 	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

¹³ See Appendix K for a list of Erosion and Sediment Control Plans that were reviewed.

CONSTRUCTION

SWMP Component: Construction Program

<u>BMP CP3 – Construction Site Inspection</u>				
Status: Ongoing, annually				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Review annually for update, written procedures that describe how construction inspections are prioritized and performed.	Written construction inspection procedures are presented in the City’s Stormwater Management Plan which is currently under revision.			In progress
2. Train inspectors annually on established procedures for construction site inspection.	Construction inspectors attended the Central 2012 Ohio Stormwater and Erosion Control Expo and participated in other training opportunities ¹⁴ .	√		
3. Perform 8 construction inspections per year per construction site. ¹⁵	1. 4,583 construction site inspections were performed. 2. Responded to 64 various storm/SWPPP related reports from the general public. 3. The average number of active construction site inspections per month was 382.	√		
4. Perform a follow-up inspection within ten (10) days from the date a Construction Inspection Report or formal Request for Voluntary Compliance is issued.	There were 116 construction sites in non-compliant status; 98 were resolved within 10 days. 18 were issued NOV’s. Additionally, 7 of the 18 sites were assessed Administrative Fines totaling \$4,500.	√		
5. Maintain 85% of construction sites in compliance with the City’s Construction Site Pollution Prevention Regulations.	97% of construction sites inspected were in compliance.	√		
Planned Activity for Next	Meet or exceed measurable goals			

¹⁴ See Appendix H for training summary of City personnel.

¹⁵ See Appendix L for construction site visit summary.

BMP CP3 – Construction Site Inspection

Status:

Ongoing, annually

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Reporting Period:				
Discussion:				

CONSTRUCTION

SWMP Component: Construction Program

<u>BMP CP4 – Tracking and Enforcement</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Update site tracking spreadsheet to include new and active construction sites and add inspection dates, recommended actions, priority, and compliance history for each inspection.	1. 212 construction sites were added to the City’s construction site inventory this reporting period. 2. The total number of number of new construction sites inventoried as of the end of this reporting period is 212. 3. Added 4,583 inspection results into the City’s tracking spreadsheet.	√		
2. Develop and review annually for update an enforcement action schedule that documents enforcement actions the City will take to ensure construction site compliance with the City’s Construction Site Pollution Prevention Regulations.	The enforcement action schedule is included in the City’s Stormwater Management Plan which is currently under revision.			In progress
3. Apply appropriate enforcement actions to achieve compliance with the City’s Construction Site Pollution Prevention Regulation ¹⁶ .	1. 18 Notices of Violation were issued. 2. 7 Administrative Fines were assessed.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

¹⁶ See Section 5.1.2 for summary of construction enforcement actions taken during reporting period.

POST CONSTRUCTION

SWMP Component: Post Construction Regulations

<u>BMP PC1 – Post-Construction BMP Requirements</u>				
Status: Ongoing, annually, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop and implement regulations requiring use of post-construction runoff controls on new development and redevelopment sites.	The City’s Stormwater Drainage Manual requires implementation of post construction BMPs on new and redevelopment sites. Updates to the Stormwater Drainage Manual were completed in August 2012.	√		
2. Review the City’s Stormwater Drainage Manual (SWDM) annually and revise, if necessary, to reflect accepted standard practices in stormwater management and stormwater regulation.	1. Revisions to SWDM were initiated in 2007 and were completed in August 2012. The City formed the SWDM Review Team in September 2011 that included representatives from developers, engineers, the BIA, and environmental groups to assist with SWDM revisions. 2. A financial incentive to encourage the implementation of green infrastructure was incorporated into the City’s stormwater credit regulations in August 2012.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	*The SWDM Review Team is tasked with revising the City’s drainage policies with respect to variance request, implementation of green infrastructure, clarification of stream definition, and minimum disturbance threshold for flood control mitigation.			

POST CONSTRUCTION

SWMP Component: Post Construction Planning Documents

<u>BMP PC2 – Post Construction BMP Planning and Guidance Document</u>				
Status: Complete, as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop and implement planning guidance document targeted at controlling post construction pollutants for new and redevelopment.	The City's Stormwater Drainage Manual requires implementation of post construction BMPs on new and redevelopment sites. Updates to the Stormwater Drainage Manual were completed in August 2012.	√		
2. Review post construction guidance annually and revise, if necessary, to reflect accepted standard practices in stormwater management and stormwater regulation.	Revisions to SWDM were initiated in 2007 and were completed in August 2012. The City formed the SWDM Review Team in September 2011 that included representatives from developers, engineers, the BIA, and environmental groups to assist with SWDM revisions.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

POST CONSTRUCTION

SWMP Component: Post Construction Planning Documents

BMP PC3 – Stormwater Post-Construction Plan Review and Approval Process				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Review construction plans for all new development or redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development, to ensure implementation post construction stormwater BMPs as required by the SWDM.	<ol style="list-style-type: none"> 1. 107 new development and redevelopment plans were submitted to and reviewed by the City¹⁷. 2. 49 new development and redevelopment plans were required to have post construction BMPs. 3. The design of 86 proposed structural post construction BMPs were found compliant with Ohio EPA’s Construction General Permit. 4. As of the end of this reporting period, post-construction maintenance requirements are in place for 239 new development and redevelopment sites. 	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

¹⁷ See Appendix M for a list of new development and redevelopment construction plans that were reviewed by City staff and included post-construction BMPs.

POST CONSTRUCTION

SWMP Component: Long Term Operation and Maintenance of BMPs

<u>BMP PC4 – BMP Maintenance Requirements and Inspection</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Adopt regulations that require property owners to properly operate and maintain post construction BMPs.	The City's Stormwater Drainage Manual requires property owners to operate and maintain post construction BMPs.	√		
2. Conduct inspections of 20 percent of Post-construction BMPs each year.	1. 337 post-construction BMPs have been constructed to date. 2. Inspected 78 post-construction BMPs for proper maintenance and operation during this reporting period ¹⁸ . 3. 31 meetings were held with a BMP owner to review BMP maintenance plans and requirements.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

¹⁸ Sites where post-construction BMPs were inspected are listed in Appendix N.

POST CONSTRUCTION

SWMP Component: Long Term Operation and Maintenance of BMPs

BMP PC5 – BMP Maintenance Tracking and Enforcement				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop and update post construction BMP database monthly to include new BMPs that are planned and constructed as part of new development and redevelopment projects.	1. 86 (planned) new water quality post construction BMPs were added to the BMP database. 2. The total number of sites responsible for maintaining post-construction BMPs as of the end of this reporting period is 239.	√		
2. Enter results of post construction BMP inspections into tracking database for each BMP inspected.	The post-construction BMP database was updated to include inspection reports for 78 post construction BMPs inspected.	√		
3. Develop and review annually for update an enforcement action schedule that documents enforcement actions the City will take to ensure BMPs are being maintained.	The enforcement action schedule is included in the City's Stormwater Management Plan which is currently under revision.			In progress
4. Apply appropriate enforcement actions to ensure post construction BMP maintenance compliance.	130 inspection reports were sent to BMP owners this reporting period.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: List of Municipal Operations (Part III.G.1)

<u>BMP GH1 - Identify Facilities Owned/Operated and Activities Conducted by the City having Potential to Generate Stormwater Pollution</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Review and update City's O&M inventory annually.	Total number of City O&M facilities currently stands at 82 ¹⁹ .	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

¹⁹ See Appendix O for current list of City facilities that conduct activities having stormwater pollution potential.

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Pollution Prevention Procedures (Part III.G.3, III.G.4, and III.G.6)

BMP GH2 - Develop and Implement Pollution Prevention Practices for City Facilities/Activities				
Status: Complete, ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Submit Notices of Intent and prepare Stormwater Pollution Prevention Plans (SWPPPs) or submit No Exposure Applications to OEPA for Tier I city facilities ²⁰ that require coverage under OEPA's Industrial Stormwater Permit Program.	General permit confirmation letters were issued to six (6) city-operated facilities by Ohio EPA during this reporting period ²¹ .	√		
2. Incorporate written P2 practices into SWPPPs for Tier II city facilities ²² .	1. SWPPPs have been prepared for 78* facilities as of the end of this reporting period. 2. The City's Fleet Management Division equipped 51 of the City's refueling facilities with spill kits during this reporting period.			In progress*
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	*A SWPPP for the City's ranger station in Bellpoint, Ohio has not yet been developed.			

²⁰ Tier I facilities are defined as those facilities that require coverage under an Industrial Stormwater NPDES permit or No Exposure Certification.

²¹ See Appendix O for industrial permit numbers for regulated City facilities.

²² Tier II facilities are defined as those facilities that do not require coverage under an Industrial Stormwater NPDES permit or No Exposure Certification but still have the potential to generate stormwater pollution.

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Pollution Prevention Procedures (Part III.G.3, III.G.4, and III.G.6)

BMP GH3 – Street Cleaning				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Continue to incorporate high efficiency sweepers into the City’s street sweeping inventory.	One street sweeper was purchased during this reporting period. ²³ The street sweeper that was purchased was a compressed natural gas model and is not PM-10 compliant.		√*	
2. Sweep 10,000 curb miles of city streets each year, weather pending.	29,812 miles of streets were swept.	√		
3. Collect and dispose of up to 2,000 tons of debris and litter from street sweeping and roadside litter pick up each year.	3,908 tons of debris and litter were collected and disposed.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:	*Correction to 2011 MS4 Annual Report: The 2011 annual report stated that 23 new high efficiency street sweepers were purchased during the 2011 reporting period. During preparation of the 2012 annual report it was determined that of the 23 street sweepers purchase in 2011, eight (8) were high efficiency sweepers. The City defines “high efficiently sweepers” as sweepers that are manufactured to meet PM-10 standards as defined by Rule 1186 of the South Coast Air Quality Management District in southern California.			

²³ See Appendix P for a current list of sweepers in the City’s street sweeping inventory

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Pollution Prevention Procedures (Part III.G.3, III.G.4, and III.G.6)

BMP GH4 – Deicing and Snow Removal				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Continue to store all deicing material stockpiles under roof or otherwise to prevent materials from entering stormwater runoff.	City stored all deicing materials in 6 salt barns.	√		
2. Annually calibrate salt spreaders to meter the minimum amount of material for public safety.	All 66 trucks used for deicing operations and snow removal were calibrated for minimum salt application.	√		
3. Provide training annually to city staff performing deicing operations to ensure that the established BMP procedures are followed and the minimum amount of deicing materials are applied to ensure public safety.	200 city employees were trained on proper salt application techniques at City’s Snow Warriors training session.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Pollution Prevention Procedures (Part III.G.3, III.G.4, and III.G.6)

BMP GH5 – Refuse Collection				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Collect and dispose of refuse from over 327,000 households weekly.	320,866 tons of refuse and recyclables from city residents was collected and disposed of through the City's curbside refuse and recycling collection programs.	√		
2. Coordinate at least one neighborhood refuse collection campaign per year.	1. 438 neighborhood litter cleanups were conducted. 2. 316,875 pounds of refuse was collected and disposed.	√		
3. Collect yard waste from over 225,000 single-family residential households each week.	31,719 tons of yard waste from city residents was collected and composted.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Stormwater Facility Maintenance (Part III.G.7)

<u>BMP GH6 – Stormwater Infrastructure Inspection, Tracking, and Maintenance</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Inspect 10,000 catch basins/inlets annually for cleaning.	1. 30,597 catch basins/inlets were inspected 2. 4,605 catch basins/inlets were cleaned	√		
2. Televis 15,000 lineal feet storm sewer annually.	23,601 lineal feet of storm sewers were televised.	√		
3. Clean 50,000 feet of storm sewer pipe per year.	94,702 feet of storm sewer pipe was cleaned.	√		
4. Inspect all 15 stormwater pump stations at least once quarterly.	1. Each pump station was inspected 42 times during the reporting period. 2. Four (4) stormwater pump stations were cleaned this reporting period.	√		
5. Inspect, clean, mow, or otherwise maintain all 27 DOSD stormwater detention/retention basins at least once annually.	All 27 stormwater detention/retention basins are being maintained. Preventative maintenance routes for trash rack and/or sluice gate maintenance/inspection have been established. Mowing contract also in place.	√		
6. Inspect/clean all 65 DOSD maintained trash racks at least twice annually.	217 trash rack inspections were conducted. 278 trash racks cleanings were performed.	√		
7. Clean 30,000 lineal feet of drainage ditches annually.	31,393 feet of drainage ditches were cleaned.	√		
8. Maintain and update a database to track regular stormwater facility inspection and maintenance.	1. Sewer Maintenance Operations (SMOC) used the Oracle Utilities Work and Asset Management application to track maintenance and inspection activities	√		

BMP GH6 – Stormwater Infrastructure Inspection, Tracking, and Maintenance

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
	involving the collection system. 2. The City tracked the completion of over 10,974 storm, sanitary, and combined collection system maintenance activities in the Oracle application.			
9. Prepare written pollution prevention (P2) practices for stormwater system maintenance activities.	Written P2 practices, originally developed in July, 2007, are currently under revision for incorporation into the SWPPP for the City's Sewer Maintenance Operations facility.			In progress
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

POLLUTION PREVENTION/GOOD HOUSEKEEPING

Required SWMP Component: Training and Education (Part III.G.5)

BMP GH7 - Employee Stormwater Pollution Awareness Training				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. All new city employees undergoing orientation will be informed of the need and phone number to report illicit discharges.	273 new city employees were presented with information on illicit discharge identification and reporting.	√		
2. City employees that conduct activities at city Tier I and Tier II sites will be trained on elements of their respective stormwater pollution prevention plans annually ²⁴ .	1. 287 employees were trained at Tier I facilities. 2. 826 employees were trained at Tier II facilities.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

²⁴ See Appendix H for summary of City training sessions conducted this reporting period.

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Inventory of Industrial Facilities (Part III.H.1)

BMP IF1 – Prepare Inventory of Industrial Facilities				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Update the City’s industrial inventory annually based on: <ul style="list-style-type: none"> a. NOIs submitted as part of Stormwater Management Plans, b. New industries identified within the Daily Reporter publication, c. Industries identified through recent illicit discharge and detection investigations d. New industries identified under the Industrial Waste Pretreatment Group, and e. Review of lists of permitted/no exposure qualifying industries maintained by Ohio EPA. 	Inventory updated this period. Current total number of industrial sites in the City’s inventory is 862.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspection Schedule, Form, and Monitoring Data Acquisition (Part III.H.2 and III.H.5)

<u>BMP IF2 – Acquisition, Review, and Tracking of Permit Information, Stormwater Pollution Prevention Plans, and Industrial Monitoring Data</u>				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Contact Ohio EPA and new industries as they are identified to request: <ul style="list-style-type: none"> a. OEPA NPDES permit numbers or Notices of Intent forms, b. OEPA No Exposure Certification numbers, c. Stormwater Pollution Prevention Plans (SWPPPs) 	1. In response to contacts made by the city to date, the City has the following documents actively on file: <ul style="list-style-type: none"> a. 19 Notices of Intent and 5 OEPA NPDES permit numbers b. 129 No Exposure Certifications c. 105 SWPPPs, 28 SPCC plans, and 10 integrated plans 2. Monitoring data for 18 industries was received this reporting period 3. Procured copy of list of industrial permit holders from Ohio EPA; incorporated data into the industry list.	√		
2. Identify Category 1 and Category 2 industries by May 31, 2008. ²⁵	1. 556 Category 1 industries have been identified ²⁶ . 2. 306 Category 2 industries have been identified ²⁷ .	√		

²⁵ Industries that cannot show proof of NPDES permit coverage or No Exposure Certification by Ohio EPA or the industrial operator will be classified as Category 1 industries. Industries will be classified as Category 2 industries if Ohio EPA or the industrial operator can show proof of coverage under an industrial NPDES permit or no exposure certification by Ohio EPA and discharge to the City's MS4. Once a Category 1 industry obtains permit coverage, the industry will be reclassified as Category 2.

²⁶ See Appendix Q for list of Category 1 Industries.

²⁷ See Appendix R for list of Category 2 Industries.

BMP IF2 – Acquisition, Review, and Tracking of Permit Information, Stormwater Pollution Prevention Plans, and Industrial Monitoring Data

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
3. Maintain a hard copy file for SWPPPs and monitoring data it received for each Category 2 industrial facility.	Hard copy files are available and located at the City's Division of Sewerage and Drainage, 1250 Fairwood Ave., Columbus, Ohio.	√		
Planned Activity for Next Reporting Period:	<ol style="list-style-type: none"> 1. Meet or exceed measurable goals 2. Follow-up with Ohio to acquire NOI's, General Permit confirmation numbers, and No Exposure application and certification letters. 3. Follow-up with Ohio to acquire monitoring data for category 2 industries. 			
Discussion:				

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspection Schedule and Form (Part III.H.2)

BMP IF3 – Establish Industrial Facility Inspection Schedule				
Status: Complete, revise as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Re-evaluate and prioritize the Category 2 industries for inspections annually. Industries will be prioritized for inspection based on their potential to generate illicit discharges.	<ol style="list-style-type: none"> 1. 110 Category 2 industries have been prioritized based on a “High” rating of illicit discharge potential²⁸. 2. 58 Category 2 industries have been prioritized based on a “Medium” rating of illicit discharge potential. 3. 109 Category 2 industries have been prioritized based on a “Low” rating of illicit discharge potential. 4. 29 category 2 industries could not be prioritized since SIC numbers are known. 	√		
Planned Activity for Next Reporting Period:	<ol style="list-style-type: none"> 1. Meet or exceed measurable goals 2. Follow-up with Ohio EPA to retrieve unknown SIC numbers. 			
Discussion:				

²⁸ High, low, and medium illicit discharge potentials are assigned to each industry based on information provided in Appendix A of the Illicit Discharge and Detection and Elimination, A Guidance Manual for Program Development and Technical Assessments, developed in cooperation with the Center for Watershed Protection and Robert Pitt with the University of Alabama.

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspection Schedule and Form (Part III.H.2)

BMP IF4 –Industrial Facility Inspection Form				
Status: Complete, revise as needed				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Review annually for update, the Stormwater Industrial Site Inspection form.	The Stormwater Industrial Site Inspection form was revised in March 2012 to comply with requirements in the City’s MS4 permit.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspections (Part III.H.3 and III.H.4)

BMP IF5 – Staff Training				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
Implement routine training programs for employees that perform industrial site inspections.	One industrial inspector participated in 2 two (2) training opportunities related to industrial activities this reporting period.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspections (Part III.H.3 and III.H.4)

BMP IF6 – Industrial Facility Inspections				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Develop, and review annually for update, written procedures that describe how industrial inspections are performed.	Written industrial inspection procedures are presented in the City’s Stormwater Management Plan which is currently under revision.			In progress
2. Inspect 100% of inventoried Category 2 industrial facilities at least once within the City’s MS4 permit term.	1. 61 inspections were conducted at Category 2 industrial facilities ²⁹ . 2. 9 inspections were conducted at Category 1 industrial facilities ³⁰ .	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

²⁹ See Appendix R for industrial inspection dates.

³⁰ See Appendix Q for industrial inspection dates.

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Industrial Facility Inspections (Part III.H.3 and III.H.4)

BMP IF7 – Industrial Facility Inspection Tracking and Enforcement				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Enter results of industrial inspections into tracking databases for each industry inspected.	Inspection information for 70 industrial inspections were added to the City’s tracking database.	√		
2. Review annually for update response actions the City will take to eliminate pollution potential problems identified at industrial sites.	<ol style="list-style-type: none"> 1. Per Part III.F of Permit No. 4PI00000*CD, the City is required to report, in writing, any observed violation of Ohio EPA’s Industrial Stormwater Permit to Ohio EPA. 2. Illicit discharges to the MS4 that are observed during industrial inspections are immediately reported to the City’s Illicit Discharge and Detection Group for containment, investigation and enforcement action. Illicit discharges to waters of the State that are observed during industrial inspections are immediately reported to the City’s Illicit Discharge and Detection Group for containment and to Ohio EPA for investigation and enforcement action. 3. The response procedures listed under Item 1 and Item 2 were reviewed during this reporting period. No further action required. 	√		
3. Respond, when notified, to each instance of an industrial release per or violation of Ohio EPA’s industrial stormwater permit per established procedures.	<ol style="list-style-type: none"> 1. 70 inspection reports were issued to industry operators during this reporting period. 2. No instance of illicit discharge to the MS4 	√		

BMP IF7 – Industrial Facility Inspection Tracking and Enforcement

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
	was observed during industrial inspections this reporting period.			
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

INDUSTRIAL AND RELATED FACILITIES

Required SWMP Component: Monitoring Industrial Sites (Part III.H.6)

BMP IF8 – Monitoring and Sampling of Industrial Sites				
Status: Ongoing				
Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Review annually for update, written procedures that identify constituents of concern and when industrial facilities are required to monitor stormwater discharges.	Written procedures to outline industrial monitoring strategies are presented in the City's Stormwater Management Plan which is currently under revision.			In progress
2. Review and file stormwater monitoring and sampling reports submitted by industrial operators.	Monitoring reports from 18 Category 2 industries were reviewed by the City.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

SECTION 3 – SUMMARY AND ANALYSIS OF COLLECTED INFORMATION

Information provided in this section was generated by the wet weather and dry weather outfall monitoring programs that were conducted from January 1, 2012 to December 31, 2012. A summary of activities and findings associated with development and implementation of the city-wide wet weather monitoring program is provided in Section 3.1. A summary and elimination status for illicit discharges detected under the City's dry weather outfall monitoring program is summarized in Section 3.2.

3.1 Summary of City-Wide Wet Weather Monitoring Activities

The goal of the City's wet weather sampling program was to collect samples at five (5) locations throughout the City of Columbus during each quarter of 2012. The five (5) locations selected for sampling were manholes and outfalls that are located downstream of representative land uses, such as residential, mixed residential (single family and multi-family), commercial and industrial. Analysis of the samples obtained from all five (5) locations was performed by Pace Analytical, Inc. and the Columbus Surveillance Laboratory. A full report on the City's wet weather monitoring activities and finding this reporting period can be found in city-wide monitoring report located in Appendix S.

Permit 4PI00000*BD under which wet weather sampling was performed from 2007 through 2011 expired on May 31, 2011. Throughout the later part of 2011 and into early 2012 the City negotiated new permit terms, including wet weather sampling requirements for the next permit cycle, with Ohio EPA. During negotiations it was necessary for the City to modify its existing contract with Stantec, Inc. to continue monitoring the five outfall locations until wet weather monitoring requirements under the new permit (4PI00000*CD) were known. The contract modification process was not completed until the second quarter of 2012. As a result, no monitoring was completed during the first quarter of 2012. Samples from three (3) storm events at all five (5) monitoring locations were collected and analyzed by Stantec and city laboratories for the following parameters:

Pace Analytical, Inc. parameters

- Fecal coliform (#/100 ml)
- E. coli (#/100 ml)
- Nitrite (NO₂) (mg/l)
- Carbonaceous biochemical oxygen demand (CBOD₅) (mg/l)
- Biochemical oxygen demand (BOD₅) (mg/l)
- Chemical oxygen demand (COD) (mg/l)
- Orthophosphate (mg/l)

The Columbus Surveillance Laboratory parameters

- Total suspended solids (TSS) (mg/l)
- Total phosphorus (mg/l)
- Ammonia (NH₃) (mg/l)
- Alkalinity (mg/l)
- Oil & grease (mg/l)
- Total cyanide (µg/l)

- Hardness (mg/l)
- Total recoverable cadmium (Cd) ($\mu\text{g/l}$)
- Total recoverable chromium (Cr) ($\mu\text{g/l}$)
- Total recoverable copper (Cu) ($\mu\text{g/l}$)
- Total recoverable lead (Pb) ($\mu\text{g/l}$)
- Total recoverable nickel (Ni) ($\mu\text{g/l}$)
- Total recoverable zinc (Zn) ($\mu\text{g/l}$)

3.1.1 Findings Summary

2012 sample results were compared to values provided in a national monitoring database to determine how concentrations of constituents at Columbus outfalls during 2012 compared to national datasets. 2012 results were also compared with sampling results obtained during the 2007, 2008, 2009, 2010, and 2011 sampling seasons to determine if trends in stormwater water quality could be detected. A summary of these comparisons is presented below.

Comparison of Outfall Monitoring Data to NSQD Data

With the following exceptions, the 2012 City sampling values and 6-year program means at all sampling locations are generally consistent with national datasets based on the alignment of the quarterly data within the data ranges provided in the NSQD:

- The bacteria EMC values (fecal coli form) are generally higher than national medians, and individual records are, at times, greater than an order of magnitude in deviation of the NSQD median at all five locations.
- EMC values for BOD₅, COD, hardness, oil and grease, TSS, cadmium, copper, lead, and zinc at the industrial location (MH-03) are greater than the NSQD 75th percentile.
- Mean EMC values for fecal coli form, hardness, and lead at the high density residential location (MH-4B) are generally greater than the NSQD 75th percentile.
- With exception of MH-03, the six-year mean and median concentrations at all other land-use locations for total cadmium are less than the NSQD 25th percentile.
- The six-year mean and median concentrations for total recoverable metals are generally within the middle 50th NSQD percentile at all residential land use locations (MH-1A, MH-4B, and MH-05).
- The six-year mean concentrations for hardness and fecal coli form are near or greater than the NSQD 75th percentile for all land uses.

E. coli, CBOD₅, Alkalinity, cyanide, orthophosphate, and nitrite were not included in the comparisons because less than 100 events were available within the NSQD.

Comparison of Outfall Monitoring Data to 2007, 2008, 2009, 2010, and 2011 Sampling Results

Consideration of average event mean concentrations for years 2007 through 2012 reveals the following observations:

- Water quality levels vary from event to event, site to site and year to year as demonstrated by the variation in mean values. This is a common trend in stormwater due to range of outside and local factors that can impact water quality such as precipitation, air quality, and local maintenance practices.
- MH-03 has the highest average values for a majority of the parameters (BOD, COD, alkalinity, O&G, hardness, nutrients, solids, and total metals) during all six years. With exception of MH-03, the other four sampling locations have average values generally within the same order of magnitude during all six years.
- Average oil & grease values at MH-02 (commercial land-use) and MH-03 (industrial land-use) are higher than those for residential landuses.

The comparison of average values over the past six years indicates the water quality remained relatively consistent (i.e., the average values did not increase or decrease) at anyone site.

3.2 Illicit Discharge Detection and Elimination/Dry Weather Monitoring

As part of its Illicit Discharge Detection and Elimination (IDDE) program, the City conducted dry weather monitoring at stormwater outfalls during the January 1, 2012 to December 31, 2012 reporting period to identify the presence of illicit discharges in the City's storm sewer system. The City also investigated reports of illicit discharges into the City's storm sewer system received from the community. A full description of the activities conducted under the IDDE programs during the reporting period is provided in Section 2. The results of the dry weather outfall monitoring program are located in Appendix I, whereas a summary of illicit discharges confirmed as a result of dry weather outfall monitoring during the January 1, 2012 to December 31, 2012 reporting period are provided below.

- √ An illicit discharge was detected during this reporting period at city outfall No. 0033T0499. The discharge was cloudy. Investigation revealed that the discharge was caused by a leaking city waterline. The discharge was reported to the City of Columbus Division of Power and Water for resolution.
- √ An illicit discharge was detected during this reporting period at city outfall No. 0118T0534. The discharge showed high levels of chlorine. Investigation revealed that the discharge was caused by a leaking city waterline. The discharge was reported to the City of Columbus Division of Power and Water for resolution.
- √ An illicit discharge was detected during this reporting period at city outfall No. 0081T0111. The discharge high levels of ammonia. Investigation revealed that the discharge was caused by a failing septic system. The discharge was reported to the City of Columbus Health Department for resolution.
- √ An illicit discharge was detected during this reporting period at city outfall No. 0118T0500. The discharge showed high levels of chlorine. Investigation revealed that the discharge was caused by a leaking city waterline. The discharge was reported to the City of Columbus Division of Power and Water for resolution.

- √ An illicit discharge was detected during this reporting period at city outfall No. 0168T0057. The discharge showed high levels of chlorine. Investigation revealed that the discharge was caused by a leaking city waterline. The discharge was reported to the City of Columbus Division of Power and Water for resolution.

SECTION 4 – REVISIONS TO ASSESSMENT OF CONTROLS AND FISCAL ANALYSIS

There are no revisions necessary to the assessment of controls as implemented under the present permit.

Funds generated by the City of Columbus Stormwater Utility are used to cover all costs for Compliance with the NPDES permit and the City's stormwater Capital Improvements Program. The utility fee is collected from residential and non-residential customers. In 2012, a residential customer was charged one Equivalent Residential Unit (1 ERU = 2000 sq. ft) equal to \$0.1472 (effective 1/1/10) per day for an average annual cost (365 days x \$0.1472) of \$53.73. Non-residential customers pay the same ERU rate based on their total impervious area. The following table contains expenditures for the NPDES program during the reporting period.

Category	Cost
Personnel	\$1,320,054.50
Materials & Supplies	\$13,413.49
Services	\$10,532,116.78
Street Cleaning	\$6,027,669.51
Pro Rata Charges	\$1,653,798.00
Debt Principal	\$9,534,700.00
Other Expenditures	\$81,474.92
Capital Outlay	\$75,962.00
Interest on Debt	\$5,966,783.53
Total Costs:	\$35,205,972.73

SECTION 5 – SUMMARY OF ENFORCEMENT, INSPECTIONS, PUBLIC EDUCATION, AND EMPLOYEE TRAINING

In addition to many other requests for service, SRMS and SMOC personnel made 84 investigations of reported or suspected illicit discharges and spills to the MS4 during the January 1, 2012 to December 31, 2012 reporting period. There were 2 cases where the City notified the Ohio EPA of an active illicit discharge to Waters of the State. No discharge or pollution problems were found during 9 of the investigations for suspected spills or illegal dumping. The appropriate Health Department (City or County) was notified in 4 cases involving discharges from a home sewage disposal system. SRMS also conducted a total of 4,583 construction site inspections, 70 industrial inspections, and 56 site inspections for post-construction BMP maintenance during the January 1, 2012 to December 31, 2012 reporting period.

5.1 Summary of Enforcement Actions

Enforcement action was taken by the City if a violation is observed and a responsible party is identified. Typically the responsible party is notified, the violation is stated and request made that immediate steps be taken to cease, prevent, control, and clean up pollutant sources that are, or may, be discharged into stormwater runoff. The SRMS issued 38 Notices of Violation (NOV) during the last reporting period. When a Notice of Violation is sent to the responsible party, an explanation of discharge and a Remedial Action Plan to prevent future occurrences is required. Requests for Voluntary Compliance are issued either verbally or written when the discharge or potential discharge is considered minor in nature and is immediately ceased.

5.1.1 Notices of Violation, Illicit Discharge

Summaries of the City's twenty (20) Notices of Violation for illicit discharges during the January 1, 2012 to December 31, 2012 reporting period are provided below.

- | | |
|---------|--|
| 2/3/12 | Notice of Violation issued to TNT Powerwash Inc .for washing vehicles without inlet protection and allowing wash water to enter the City's MS4. |
| 2/17/12 | Notice of Violation issued to HSW Express Detail Center for washing vehicles without inlet protection and allowing wash water to enter the City's MS4. |
| 2/23/12 | Notice of Violation issued to Mango's Cafe at 21 Smith Place for power washing the store front with no inlet protection and allowing wash water to enter the City's MS4. |
| 4/3/12 | Notice of Violation issued to Rave Cinemas for allowing waste from the trash compactor to enter into the City's MS4. |
| 4/9/12 | Notice of Violation issued to Kenny-Oboyashi JV and the City of Columbus Division of Sewerage and Drainage for pumping sediment-laden water into the City's MS4. |
| 4/13/12 | Notice of Violation issued to Utilicon Corporation and the City of Columbus Division of Power and Water for pumping contaminated and sediment-laden water into the City's MS4. |

- 5/4/12 Notice of Violation issued to Pilot Travel Center at 3600 Interchange Road for power washing parking lot with no inlet protection and allowing wash water to enter the City's MS4.
- 6/6/12 Notice of Violation issued to Clyde Blake at 3967 Elkton Street for discharging washing machine wastewater into the City's MS4.
- 6/12/12 Notice of Violation issued to Sunny Isle Apartments for pumping sewerage from a lateral backup into the City's MS4.
- 7/25/12 Notice of Violation issued to Wendy's at 8450 North High Street for discharging wastewater from power washing activities into the City's MS4.
- 8/28/12 Notice of Violation issued to Marzetti for allowing milk powder to enter the roof drains and discharge into the City's MS4.
- 9/4/12 Notice of Violation issued to Cautela Cement for allowing wastewater from concrete work area to enter into the City's MS4.
- 9/4/12 Notice of Violation issued to Goo Goo Carwash at 2202 Polar Parkway for discharging wash water from vehicle washing activities into the City's MS4.
- 9/7/12 Notice of Violation issued to Los Potosinos at 170 North Hamilton Road for dumping mop water into the City's MS4.
- 10/11/12 Notice of Violation issued to Dirt 4 U for the discharge off saw cutting slurry into the City's MS4.
- 10/22/12 Notice of Violation issued to Mach I Auto Care for washing vehicles without inlet and allowing wash water to enter the City's MS4.
- 10/22/12 Notice of Violation issued to Tony Ricos On-the Go for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
- 10/23/12 Notice of Violation issued to JMO Builder for washing construction dirt into the City's MS4.
- 11/5/12 Notice of Violation issued to SC Wash and Tan at 1400 North High Street for power washing the sidewalks and discharging the wastewater into the City's MS4.
- 12/3/12 Notice of Violation issued to Starcraft Construction for power washing exterior of building and allowing the wash water to enter the City's MS4.

5.1.2 Notices of Violation, Erosion and Sediment Control

Eighteen (18) Notices of Violation were issued to property owners and/or contractors for non-compliance with the City of Columbus Construction Site Pollution Prevention Regulations during the January 1, 2012, to December 31, 2012, reporting period. Summaries of these Notices of Violation are provided below:

- 1/4/2012 Notice of Violation to the Elite Site Development and Excavating Company for pumping contaminated (soapy) water into a catch basin on the north side of 4550 Henderson Road. The site is a tributary of the Olentangy River.
- 1/12/2012 Notice of Violation and Assessment of Administrative Fine (\$500) to Columbia Gas of Ohio for pumping muddy water from a street excavation into an unprotected curb inlet at E. Ninth Avenue west of Indianola Avenue. The site is a tributary of the Olentangy River.
- 1/27/2012 Notice of Violation and Assessment of Administrative Fine (\$1,000) to Columbia Gas of Ohio for pumping cloudy, heavily sediment-laden water from excavation site into an unprotected curb inlet in Walhalla Ravine. NPL was sub-contractor. The site is a tributary of the Olentangy River.
- 2/16/2012 Notice of Violation to CRA-CO Investments. Failure to submit a SWPPP and file an NOI prior to beginning earth-disturbing activities on Camden Road (parcels 010-003318-00 and 010-190309-00). The site is a tributary of Alum Creek.
- 2/16/2012 Notice of Violation and Assessment of Administrative Fine (\$500) to Smoot-Elford Resource Management, for SWP3 non-compliance at the Starling Grade School (CC-15870) and (CC-15872). Sediment basins and risers were not completed despite repeated inspections and resulted in sediment discharge into unprotected storm sewers and/or curb inlets. The site is a tributary of the Scioto River.
- 2/16/2012 Notice of Violation and Assessment of Administrative Fine (\$1,000) to Columbia Gas of Ohio for pumping sediment-laden water into an unprotected curb inlet on N. Fourth Street, north of Chittenden Avenue. The site is a tributary of the Olentangy River.
- 3/08/2012 Notice of Violation and Assessment of Administrative Fine (\$500) to the E. Broad Street Menards. Contractors failed to install sediment risers required by storm sewer plan (CC-15935) and also pumped unfiltered muddy water directly into Untzinger Ditch. The site is a tributary of the Blacklick Creek.
- 3/08/2012 Notice of Violation to Synergy Group, Inc., general contractor of the Menards Store (CC-15935). *(See NOV and Administrative Fine listed above; same project.)*

- 3/08/2012 Notice of Violation to Superior Excavating, Inc., excavator of the Menards Store (CC-15935). *(See NOV and Administrative Fine listed above; same project.)*
- 4/30/2012 Notice of Violation to the City of Columbus, Division of Power and Water for pumping sediment-laden water into an unprotected curb inlet on Sullivant Avenue near Oakley Avenue. The site is a tributary of the Scioto River.
- 4/30/2012 Notice of Violation to the City of Columbus, Division of Power and Water for pumping contaminated, sediment-laden water into an unprotected curb inlet on Sullivant Avenue near Oakley Avenue. The site is a tributary of the Scioto River.
- 4/30/2012 Notice of Violation to the City of Columbus, Division of Power and Water for pumping sediment-laden water into an unprotected curb inlet on Sullivant Avenue near Columbian Avenue. The site is a tributary of the Scioto River.
- 4/30/2012 Notice of Violation to the Utilicom Corporation, for pumping sediment-laden water into an unprotected curb inlet on Sullivant Avenue near Oakley Avenue. The site is a tributary of the Scioto River.
- 4/30/2012 Notice of Violation and Assessment of Administrative Fine (\$500) to the Utilicom Corporation for pumping contaminated, sediment-laden water into an unprotected curb inlet on Sullivant Avenue near Oakley Avenue. The site is a tributary of the Scioto River.
- 5/21/2012 Notice of Violation and Assessment of Administrative Fine (\$500) to Kenny-Oboyashi Joint Ventures for pumping contaminated, sediment-laden water into the City's MS4 . The violation took place at the OARS tunneling project at 2020 Jackson Pike. The site is a tributary to the Scioto River.
- 5/21/2012 Notice of Violation to the City of Columbus, Division of Sewerage and Drainage for pumping contaminated, sediment-laden water into the City's MS4. The City of Columbus, DOSD is the owner of the project. The site is a tributary to the Scioto River. *(See NOV and Administrative Fine listed above; same project. DOSD is the Owner of the Capital Improvement Project).*
- 9/5/2012 Notice of Violation to Ruscilli Construction Company, Inc. for allowing a direct discharge of sediment-laden water into the City's MS4. The violation took place at the OSU Schottenstein Center - Basketball Practice Facility (CC-15712). The site is a tributary to the Olentangy River.
- 9/5/2012 Notice of Violation to the City of Columbus, Division of Power and Water for pumping, sediment-laden water into an unprotected curb inlet on Hudson and North Fourth Streets. The site is a tributary of the Olentangy River.

5.1.3 Notices of Violation, Post Construction BMP Maintenance

No Notices of Violation were issued to property owners for non-compliance with the post construction BMP maintenance requirements during the January 1, 2012, to December 31, 2012, reporting period.

5.1.4 Notices of Violation, Industrial

No Notices of Violation for illicit discharges from industrial facilities subject to 40 CFR 122.26(b)(14) were issued during the January 1, 2012 to December 31, 2012 reporting period.

5.2 Summary of Public Education and Employee Training Programs

The City of Columbus recognizes that both public education/public participation and employee education programs that provide information and educational materials to residents, business owners, and city employees can result in improved water quality by addressing many activities that could have an adverse impact at the non-point source level. Department of Public Utilities staff is educated and supported in implementing stormwater protection activities by way of the Environmental Management System.

The City will conduct an audit of its stormwater public education program as part of its Stormwater Strategic Plan project. Recommendations from the audit will be used to guide the MS4 public education program. As part of the City's Integrated Plan, City staff, a city-wide steering committee and residents will be educated on the benefits of green infrastructure and engaged in the process of determining whether green or gray infrastructure will be used to eliminate sanitary sewer overflows as part of our Wet Weather Management Plan.

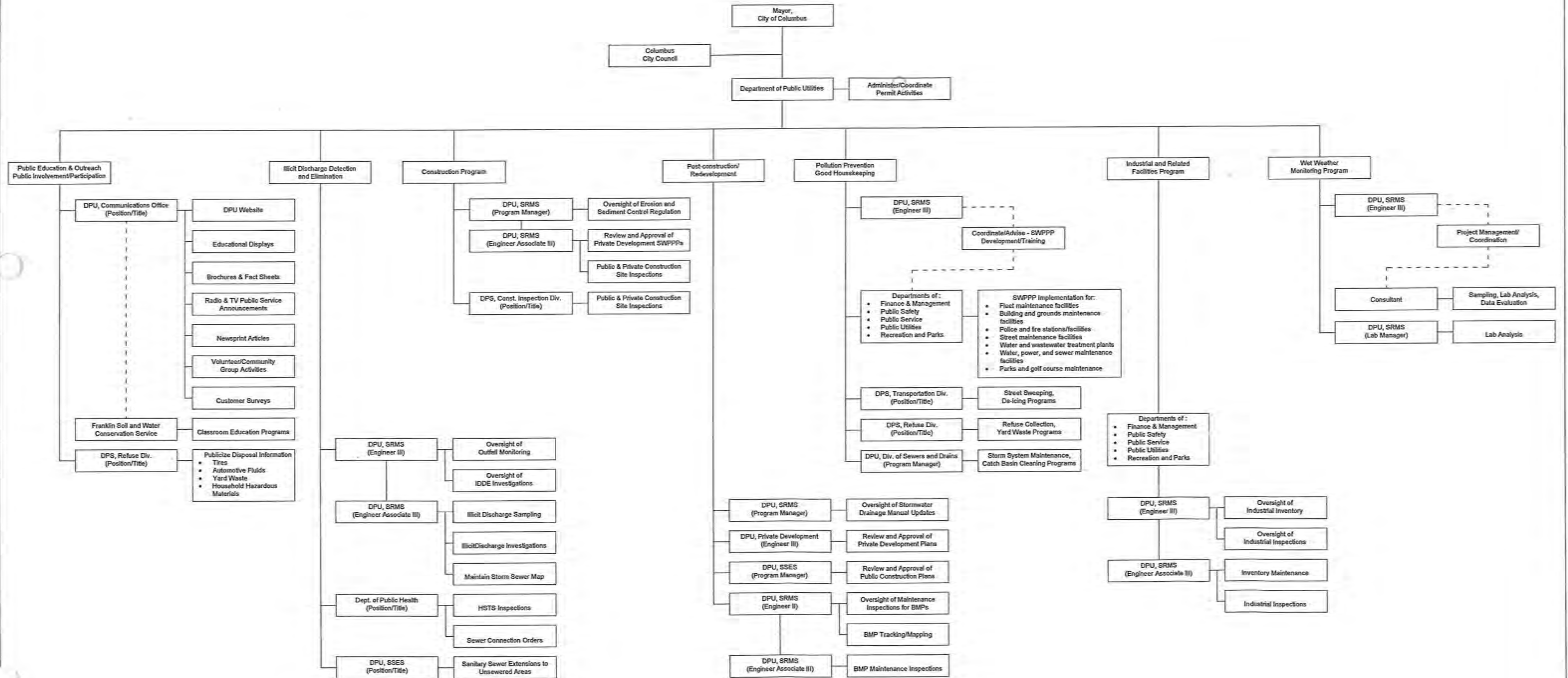
In 2014 the City will engage stakeholders in developing a branding symbol and a unified message for stormwater protection. Until that time, the "We All Live Downstream" public education program continues to include brochures distributed through community newspapers, as well as newsletters and fliers mailed through customer bills. Other outreach vehicles used include the department's Web site, our Facebook page which is steadily gaining new followers, news releases to the media and distribution through several community events throughout the year. The "No Dumping, Drains to Rivers" storm drain marking program also provides for more community awareness of potential impacts of residential pollution on the quality of our rivers. The markers display the phone number residents can use to report potential stormwater issues, 645-STREAM (7873). In addition to the drain marking program, the Central Ohio River Pride month and other litter cleanups provide a way for the community to become involved in the effort as volunteers. See Appendix C for a summary of Public Education and Outreach activities.

The City continues to increase stormwater pollution awareness among its employees by providing information on stormwater pollution prevention at new employee orientations and during training conducted to familiarize staff with Stormwater Pollution Prevention Plan contents. Under its EMS, the City has developed on-line training modules covering the BMPs for various City activities such as vehicle washing. The City conducted or participated in numerous training opportunities during the 2012 reporting period. The City will continue to

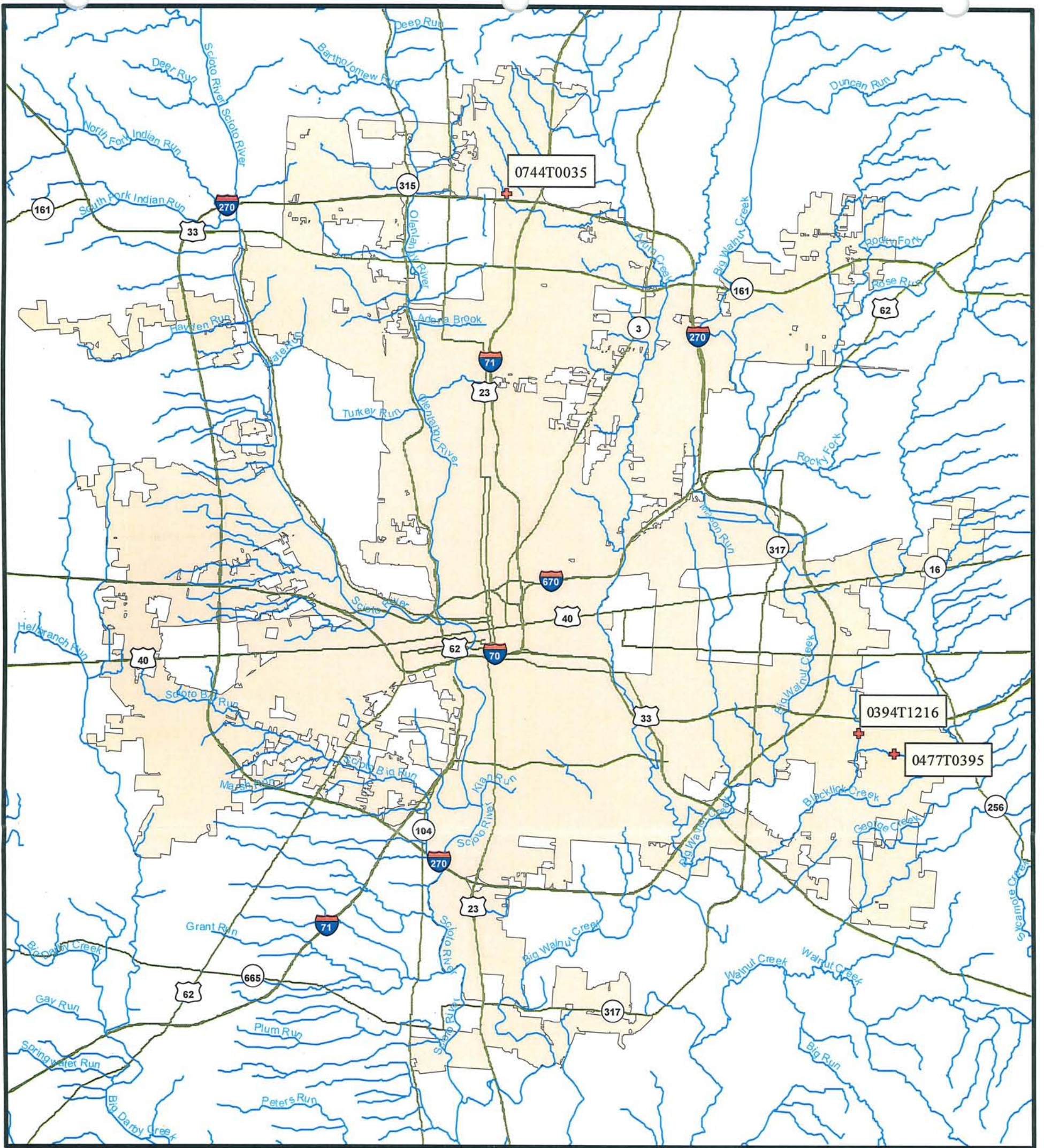
provide training on stormwater pollution practices to personnel that work at operations and maintenance facilities. More information regarding the public education, public participation, and employee education activities are presented in the City's Stormwater Management Plan. See Appendix H for a summary of employee training activities.

City of Columbus NPDES Stormwater Program

Table of Organization



LEGEND
 DPS - Dept. of Public Service
 DPU - Dept. of Public Utilities
 SRMS - Stormwater and Regulatory Management Section
 SSES - Sewer Systems Engineering Section



Outfall_ID	Diameter	Landuse	Receiving_Stream	Northing	Easting
0744T0035	24	Industrial	Noble Run (Alum Creek)	770057.92	1831176.05
0477T0395	27	Residential	Powell Ditch (Blacklick Creek)	699693.42	1879850.39
0394T1216	36	Commercial	Powell Ditch (Blacklick Creek)	702327.01	1875240.57

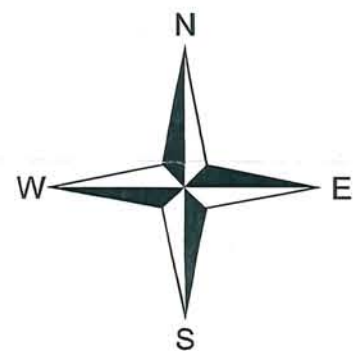


Figure 1
Proposed Wet Weather Monitoring Locations
February 10, 2012

Legend

- + Proposed Monitoring Locations
- Streams
- Major Roads
- Columbus Corporation Limits

Public Education and Outreach
2012 Activity Summary

We All Live Downstream Program 2012	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WALD print guides distributed:													
▪ Newspaper insertion						162,870							
▪ City Recreation and Senior Centers	-									-	-	-	
▪ Columbus Zoo				150									
▪ Neighborhood Pride					60	60	60		60				
▪ Other/by request		-			5	15	12	60	20		15		
Total				150	65	162,945	168	60	50		15		163,453
Storm drain markers requested (seasonal)	-	-	-	30	15	30	60	510	90	-	150	-	885
River Ranger guides requested	-	-	-	10	3	15	12	18	9	-	12	-	79
Bill inserts				(River Pride, Storm Drain Marking, started 4/10)	(River Pride, Storm Drain Marking)	(River Pride, Storm Drain Marking)	(River Pride, Storm Drain to 7/10; then Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ, ended 10/10)			
Total				75,305	98,333	92,439	30,887/71,732	103,092	88,191	35,701			595,680
News releases	-	1 FB post	1 FB post	5 FB posts	2 FB posts	1 (River Pride) + 3 FB posts	3 FB posts	8 FB posts	6 FB posts	9 FB posts	1 (FOG) + 5 FB posts	-	2 (+ 43 FB posts)

Public Education and Outreach
2012 Activity Summary

We All Live Downstream Program 2012	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Waterway cleanups (seasonal)	-	-	-	-	-	3	-	-	1	-	-	-	4
Public service announcements	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	GTC-3	12 months
Information available on Web?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	12 months
Special events/other		Watershed booth at Sports, Vac. & Boat Show; Watershed pres. at Hoover Fishing Seminar; Compost at CENTS	Compost Facility display at Home and Garden Show	Watershed booth at Cols. Zoo Earth Day event.; same at COSI on env. stewardship. Launched '12 Stream Line.	River Pride/ RiverFest mentioned in SWIFT newsletter Central Ohio Children's Water Festival; 1 Neighborhood Pride event	Cleanups plus rain barrel workshop as part of River Pride; 1 Neighborhood Pride event	1 Neighborhood Pride event.	Presentation for MORPC, Green Infrastructure Griggs and O'Shaughnessy	WALD promoted in fall issue of SWIFT newsletter Hoover cleanup	Green Infrastructure and Integrated Planning presentation at 5Cities+ conf. in Columbus			

For immediate release
May 29, 2012

Contact: George Zonders, 645-2926

River Pride 2012 events, schedule announced

The Columbus Department of Public Utilities and partners will kick off the 12th annual Central Ohio River Pride event in June. This month-long event is designed to promote awareness and appreciation of our natural waterways through environmental stewardship and recreation. Activities include stream-bank litter cleanups, invasive plant removal, rain garden workshops and other opportunities as listed below. Volunteers and participants are invited to the following events:

Date/Time	Location	Contact/Sponsoring Organization
Saturday, June 2 9:00 a.m.	Griggs Reservoir (litter cleanup)	Columbus Department of Public Utilities/ Scioto Boat Club, 645-1748
Saturday, June 9 9:00 a.m.	Adena Brook (litter cleanup and invasive plant removal)	Adena Brook Community adenaderek@gmail.com , 447-8043
Saturday, June 16 9:00 a.m.	Alum Creek (litter cleanup and canoe float)	Friends of Alum Creek and Tributaries 569-8544, canoe@friendsofalumcreek.org

Other Ways to Get Involved:

Contact any of the listed organizations to participate in additional opportunities they may offer throughout the year.

Plan your own neighborhood or waterway cleanup. Contact Keep Columbus Beautiful for assistance and supplies by calling 645-8027, or your local municipality if you live outside Columbus.

Organize a storm drain marking community service project in your Columbus neighborhood to get involved on an individual or group level. This is an ongoing project limited to dry weather conditions.

The following organizations plan periodic events and/or are excellent sources of stewardship information:

Friends of the Lower Olentangy (FLOW) organizes free educational events and service activities including litter cleanup, removal of invasive plants, and rain barrel seminars across the Olentangy Watershed; call (614) 267-3386 or check FLOW's Facebook page or Website calendar at www.olentangywatershed.org

Friends of the Scioto River promotes the protection and enjoyment of the Scioto River valley and organizes several cleanups each year; contact info@sciotoriverfriends.org

Franklin Soil and Water Conservation District encourages conservation through a variety of activities, services and educational materials; visit www.franklinswcd.org

Riverfest On Tour! includes a full month of activities, capped by a grand finale June 29 in partnership with COSI. A service of the Mid-Ohio Regional Planning Commission, special weekend activities will continue through the month. For a complete schedule, please visit www.riverfestcolumbus.org or call (614) 228-2663.

For immediate release

June 25, 2012

Contact: George Zonders, Public Utilities, 645-2926
John Ivanic, City Council, 645-7698

Planning for Removal of Fifth Avenue Dam Moves Forward *Restoration Major Component of Legislation*

Major commitments from the Ohio Environmental Protection Agency and The Ohio State University have allowed the Columbus Department of Public Utilities to move forward with plans to remove the Fifth Avenue lowhead dam and restore the natural flow of the Olentangy River through the university area. This \$6.9 million project, which includes natural channel design techniques and native planting along the Olentangy, would not be possible without more than \$3.6 million in grant funding from Ohio EPA and \$2 million from OSU.

“This project is an example of our commitment to provide responsible stewardship of our natural resources,” said Mayor Michael B. Coleman. “We are grateful to the Ohio Environmental Protection Agency and The Ohio State University for the funding they have pledged toward this plan.”

The removal of the dam, along with planned shoreline restoration, will result in the return of a more natural habitat and ecosystem along the Olentangy between the area north of the OSU campus and downtown Columbus. Columbus is working with Columbus Downtown Development Corp. and other partners on a four-year plan to remove the Main Street Dam, which would restore the Downtown riverfront to its natural state and create 33 acres of additional green space.

“One of the critical first steps of the University’s long-range vision for our physical campus is the restoration of the river corridor that, like the Oval, will be a focal point over the next century at Ohio State and in the community for learning, recreation, and traditions,” said E. Gordon Gee, president of The Ohio State University.

Passage of legislation by Columbus City Council sets the stage for actual removal of the dam to begin this fall, when expected lower water levels would facilitate the project.

“The removal of the dam will help the Olentangy River return to its natural state for the benefit of the environment and community,” said Councilmember Eileen Y. Paley, chair of the Public Utilities Committee. “This is the right thing to do and will leave a safer waterway for generations to come.”

Removal of the Fifth Avenue Dam was identified in the 2002 and 2004 consent decrees signed by the City of Columbus and the Ohio EPA.

“Ohio EPA is committed to working with partner organizations to help improve water quality all across the state,” said Ohio EPA Director Scott Nally. “In this case, the dam removal will transform a once stagnant waterway into the vibrant and vital river it should be.”

For immediate release
September 13, 2012

Contact: Dan Williamson, Mayor's Office, 645-5300
Erin Miller, Environmental Steward, 645-0815
George Zonders, Public Utilities, 645-2926
Chris Abbruzzese, Ohio EPA, 644-2782
Lindsay Komlanc, OSU, 292-2041

Restoration of the Olentangy River near OSU Moves Forward Following Fifth Avenue Dam Work

Mayor Michael B. Coleman joined Ohio EPA Director Scott Nally, Ohio State University Senior Vice President for Administration and Planning Jay Kasey and others to update progress on work to restore the Olentangy River corridor near the university, which began with partial removal of the Fifth Avenue dam. Mayor Coleman noted the partnership required to make this \$6.9 million project a reality.

"This project is an example of our commitment to provide responsible stewardship of our natural resources," said Mayor Michael B. Coleman. "We are grateful to the Ohio Environmental Protection Agency and The Ohio State University for the funding they have pledged toward this plan."

Benefits of this long-term project include restoring a more natural flow to the Olentangy through the OSU campus area, which is anticipated to encourage wider varieties of animal and plant life. Work will continue in 2013 and beyond to restore the area upstream of the dam by defining the river channel complete with riffles and pools, setting aside areas for wetlands and establishing native species of grasses and other plants. The Ohio Environmental Protection Agency is contributing a total of \$3.6 million in grants toward these efforts.

"The river restoration project will transform a once stagnant waterway into the vibrant and vital river it should be," said Ohio EPA Director Scott Nally. "Legacy dam removal is just another example of how the great partnerships Ohio EPA is forging with our local communities and research institutions can improve water quality across the state."

The first part of the project involved completely removing approximately one third (about 180 linear feet) of the dam, enough to restore a natural channel for the Olentangy. Along the remaining length of the dam, the top two feet has been removed and what is left will eventually be completely covered by a new embankment area. The dam was originally built in 1935 to supply water for a power plant on the OSU campus; now the university is contributing \$2 million dollars toward the project and has big plans for the restored river corridor with research and recreational opportunities.

"The restored river corridor is a cornerstone of the University's long-range vision and will represent one of our most important natural features," said Jay Kasey, OSU Senior Vice President for Administration & Planning. "It will become a focal point of economic activity, clinical care and research, and unique academic endeavors."

(continued)

Columbus City Council has played a key role in monitoring this project through inspection and approval of funding legislation, with an eye toward applying lessons learned here toward the removal of the Main Street dam downtown planned for 2014.

“Columbus’ Downtown Strategic Plan speaks to the need to clean our rivers, repair environmental damage and improve local water ways to open opportunities for recreation,” said Council President Andrew J. Ginther. “Removing this low-head dam brings us one step closer to developing the Scioto-Olentangy greenway corridor, creating a navigable waterway, and adding acres of green space that will be enjoyed by Columbus residents and visitors for decades to come.”

Another key partner in this project is the non-profit volunteer group Friends of the Lower Olentangy (FLOW), advocates for the river who are donating time to update and educate the public along the corridor as well as helping to relocate species of mussels native to the Olentangy to other areas of the river (<http://www.olentangywatershed.org/>). In addition, Battelle Memorial Institute – just east of the dam itself – has provided live project views via an online “dam cam” (<http://www.truelook.com/clients/messer-webcam/>)

**For immediate release
November 21, 2012**

Contact: George Zonders, Department of Public Utilities
614 645-2926

**Reminder: Don't Pour Cooking Oils, Grease Down the Drain
Fats, oils and grease can clog sewers, resulting in
basement backups and costly repairs**

A reminder this holiday season: do not pour cooking fats, oils and grease (FOG) down drains or toilets while preparing Thanksgiving and other holiday meals. FOG will clog sewer pipes, which can then cause sewer overflows and basement backups. Cleaning a FOG sewer clog in the public right of way costs the city at least \$1,500 per job; property owners are responsible for cleaning clogs in sewer lines on their own properties.

To dispose of FOG in your trash, first make sure it is in solid form:

- Try to absorb the grease. For small amounts of grease in a pan, let the grease congeal and wipe with paper towels, or;
- Pour the grease into a container with wood shavings or cat litter.
- Another option is to place the grease in a strong container (tin can or bottle) and freeze until solid.

And remember, cooking oil can be re-used; do not throw it away if you can re-use it.

For larger amounts of cooking FOG, place in a tightly-sealed container and drop it off at the Solid Waste Authority of Central Ohio's (SWACO) Household Hazardous Waste location at 645 East 8th Avenue, Wednesdays noon – 6 p.m., Thursdays 9 a.m. – 5 p.m. and Fridays noon – 6 p.m. Contact SWACO at 871-5100 or visit www.swaco.org

The Department of Public Utilities' preventative sewer maintenance program reduces the number of sanitary sewer overflows (SSO) tied to FOG clogs in city sewers. In 2011, a total of five FOG-related blockages resulted in sanitary sewer overflows. The department also distributes informational door hangers in areas where FOG problems have occurred in the past and works directly with local food establishments to encourage the most effective FOG management practices available.

Activity
December 2012

Search for people, places and things

Columbus Public Utilities Timeline 2012

9

People Talking About This

24

Visits

1



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5 1 1

90 people saw this post

Promote

November 2012

Columbus Public Utilities shared a link.
November 30, 2012

Are you a history buff? A Water Division retiree has published a book about how Columbus was a pioneer in the field of water treatment, available through the Columbus Metro Library system, the Columbus Landmark Foundation, Barnes and Noble and Amazon. Here is a description:

The Great Columbus Experiment of 1908
columbuslandmarks.org

The Great Columbus Experiment of 1908 Waterworks That Changed the World by Conrade C. Hinds Columbus' water tragedy became the world's

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1

60 people saw this post

Promote

Columbus Public Utilities shared a link.
November 26, 2012

Columbus Public Utilities shared American Rivers's photo.
November 28, 2012

Check out this really cool interactive simulation of how a rain garden works from the University of Nebraska extension service - <http://bit.ly/ruDXLr> -- Try selecting different pieces and seeing how each works!

Then take a look at some of...[See More](#)

A gift idea those on a fixed income may really appreciate: a Visa or Mastercard gift card, which can be used for so many things including Columbus Public Utilities Visa and Mastercard. You can be used to pay a Columbus utility bill on-line or over the phone.
<http://publicutilities.columbus.gov/DocListing.aspx?id=36839>

Public Utilities, Columbus, Ohio
 publicutilities.columbus.gov

Pay Bills

Pay your bill on-line via credit/debit card using the most secure on-line payment system available or call 800-824-2375. Only cards that display the Visa or

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54 people saw this post

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Columbus Public Utilities shared a link.
 November 20, 2012

To check to see if your Columbus home or business may be in our municipal power service area, please call 645-7216.

<http://www.dispatch.com/content/stories/local/2012/11/20/city-plans-to-split-power-water-offices.htm>
 www.dispatch.com

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64 people saw this post

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Columbus Public Utilities
 November 20, 2012

Do you Twitter? If so, please follow us @CDPU. Facebook will remain our primary social media tool because it seems to be what most of our customers prefer, but we will share news releases, any major boil water alerts or outages and retweet some items of interest from Twitter.

Like · Comment · Share

1

97 people saw this post

Promote

Columbus Public Utilities shared **Friends of the Lower Olentangy Watershed (FLOW)**'s photo.
 November 12, 2012

Thanks to FLOW and the dedicated volunteers we have in central Ohio, one of our rivers is now cleaner. If you are interested in



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69 people saw this post

Promote

Columbus Public Utilities shared a link.
 November 21, 2012

Getting ready to prepare that holiday meal? Don't forget to plan ahead when it comes to properly disposing of cooking grease and oils!

<http://publicutilities.columbus.gov/content.aspx?id=47043>



Holiday Reminder - Public Utilities, Columbus, Ohio
 publicutilities.columbus.gov

A reminder this holiday season: do not pour cooking fats, oils and grease (FOG) down drains or toilets while preparing

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66 people saw this post

Promote

Columbus Public Utilities
 November 15, 2012

Colder temperatures can encourage water line breaks; it's the nature of our climate. Please report suspected water line breaks to 311 or 645-3111. If you see water ponding or running in the street and it has not rained, that may be the cause. After hours, Distribution Maintenance can be reached 24/7 through the 311 prompts or call directly to 645-7788. Also, the city is responsible from the curb box to the main lines in the right of way but owners are responsible for repairs after the curb box to the home. Our crews can check and advise which side a leak may be on.

Like · Comment · Share

1

getting involved in one of the local watershed groups, please contact them directly, and we will be sharing clean up information on Central Ohio River Pride next spring.

Search for people, places and things

88 people saw this post



Columbus Public Utilities Timeline 2012

Olentangy shoppers



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2 1

76 people saw this post

Promote

Columbus Public Utilities shared Friends of the Lower Olentangy Watershed (FLOW)'s photo, November 6, 2012

Sharing this opportunity from one of our partners.

We're tentatively planning an Olentangy River Litter Clean up between Lane Ave and Woody Hayes Drive for Saturday November 10 from 9am to noon. If you would like to help, send us a message at info@olentangywatershed.org and we'll keep you in the loop on our plans.

Status Photo / Video Event, Milestone +

Columbus Public Utilities shared a note via Columbus City Council, November 8, 2012

2013 City of Columbus Public Utilities Rate Hearing next week; details here.

Columbus City Council Holds Rate Adjustment Hearing

MEDIA ADVISORY
For Immediate Advisory
November 8, 2012

For More Information:
John Ivanic, (614) 645-6798

Continue Reading ...

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37 people saw this post

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Columbus Public Utilities shared a photo, November 8, 2012

Water outage planned for west side area due to water line valve repair needed on Saturday from 8:00 AM to 3:00 PM. Signs will be posted in the area affected, which is bounded roughly by:

- Sullivant Avenue on the north
- Hall Road on the south
- Pamlico Avenue on the west
- Norton Road on the east to also include the neighborhood off Norton: Marci Way, Westbury Drive, Deignese Place and Piper Meadows Drive.

No boil water alert is expected to be necessary when the water is turned back on in the afternoon. For questions, please call Water Distribution Maintenance at 645-7788.

Like · Comment · Share

86 people saw this post

Promote

Columbus Public Utilities shared a link via Neighborhood Pride Columbus (Ohio), November 2, 2012

Great opportunity for neighborhood leaders!



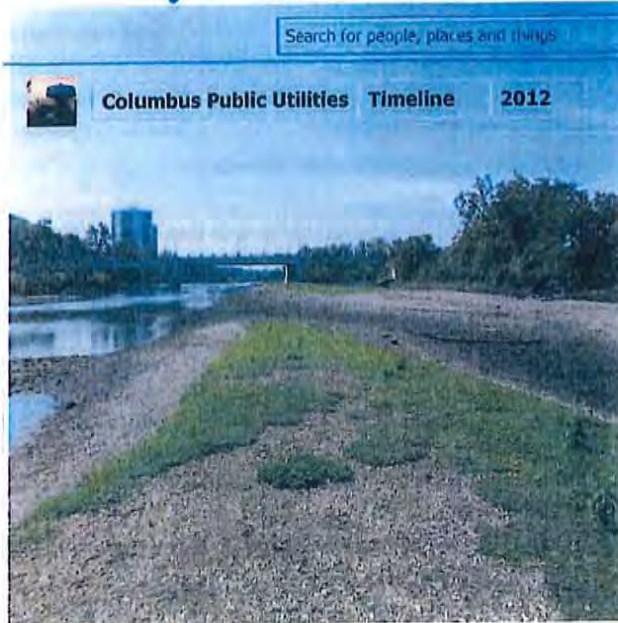
Neighborhood Pride - Department of Development, Columbus, Ohio
www.columbus.gov

Neighborhood Pride is at the heart of Mayor Michael B. Coleman's vision to make Columbus "the best city in the nation in which

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41 people saw this post

Promote



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52 people saw this post

Promote

Columbus Public Utilities
November 1, 2012

Asking for some input from our FB fans on other social media. In an emergency situation like the east coast has endured, after electronic news media or if they were not accessible, what social media vehicle would you turn to first for information on power and water outages etc.? Do you use Twitter and if so, how does it differ from how you use Facebook? Thank you in advance for your input!

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129 people saw this post

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Columbus Public Utilities shared a link.
November 2, 2012

Status Photo / Video **11** Event, Milestone +

Winter heating assistance was in the local news this week. If the topic comes up in your circle of family and friends, please remind them if they are eligible for HEAP, they may also be eligible for Columbus' low income water/sewer discount program. We also have a senior discount program for water and power. Please see link below for more info or call Customer Service at 645-8276.

Utility Discount Programs - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Low Income - Single Family Property Programa de Descuento por Bajo Ingreso para Cargos de Agua y Cloaca Low Income Discount Application in Spanish (en Espanol) Low Income - Multi Family Property

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41 people saw this post

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Activity
November 2012

People Who Like This

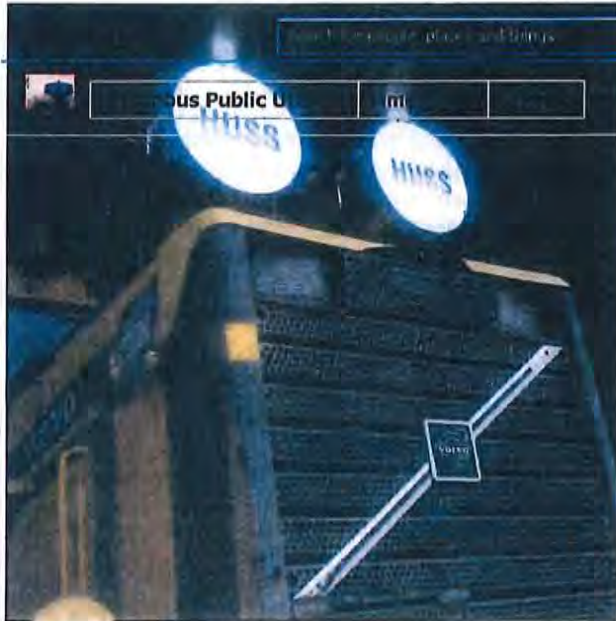
2

People Talking About This

15

Visits

3



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31 people saw this post

Promote

 Columbus Public Utilities shared a link.
October 26, 2012

Drop off and recycle e-waste tomorrow (Saturday) at the Whetstone Park of Roses, North High Street and Hollenback Road, from 9:00 a.m. to 4:00 p.m. Computers, cellphones, televisions and other electronics will be accepted; attached is a link...[See More](#)



Electronics recycling planned Oct. 27
www.dispatch.com

Electronics recycling planned Oct. 27

Like · Comment · Share

46 people saw this post

Promote

 Columbus Public Utilities shared a link.
October 22, 2012

The U.S. Environmental Protection Agency developed How's My Waterway app and website to provide information about the quality of local water bodies simply by entering a zip code or city name. The release of the app and website helps mark the...[See More](#)

Redirect
www.epa.gov

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1



Columbus Put

Photo / Video Event, Milestone +

Like · Comment · Share

2

Signage Installed at Griggs, O'Shaughnessy & Hoover Reservoirs invites 36,000 visitors to take a self-guided tour along the shoreline & learn about the green infrastructure installed there.

 Columbus Public Utilities shared a link.
October 29, 2012

The National Weather Service has issued a high wind warning for central Ohio, effective until 6:00 p.m. Tuesday (Oct. 30) with wind gusts topping 60 mph possible. In the event of fallen power lines, remember: keep at least 10 feet away and...[See More](#)

http://www.franklincountyohio.gov/emahs/documents/factsheet_windstorm.pdf
www.franklincountyohio.gov

Like · Comment · Share

42 people saw this post

Promote

 Columbus Public Utilities shared a link.
October 25, 2012

It is that time of year...the end of the 2012 rain barrel season is drawing near! The website will officially shut down on November 2nd at the end of the business day. The program will return in 2013, so stay tuned for workshops coming in early spring!

<http://stormwater.franklinswcd.org/>



Franklin Soil and Water Storm Water Education - GreenSpot Rain Barrel Program
stormwater.franklinswcd.org

Eligibility: While we'd love to have everyone participate in this cost-share opportunity, sadly we cannot. This program is open only to households in

Like · Comment · Share

49 people saw this post

Promote

 Columbus Public Utilities shared a link.
October 22, 2012

In other central Ohio dam removal news, demolition of the Prospect Dam has begun. This is part of our Upground Reservoir project, in partnership with Del-Co Water.

Dam demolition
www.marionstar.com

PROSPECT - The Prospect Dam, south of Prospect, is putting up a fight.

37 people saw this post

Search for people, places and things

Promote



Columbus Pub

Like · Comment · Share



Columbus Public Utilities Timeline 2012

GreenSpot.
October 19, 2012

Has anyone seen these and if so, what did you think? ✓



New Signage at Reservoirs - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Take a self-guided tour along the shoreline of Griggs, O'Shaughnessy & Hoover Reservoirs to learn about the green

Like · Comment · Share

1

38 people saw this post

Promote



Columbus Public Utilities shared a link.
October 19, 2012

Happy 40th Birthday, Clean Water Act! Here is a good media story on where things stand today. ✓



On 40th Anniversary of Clean Water Act, Country Must Continue to Build on Progress
www.cnbc.com

On 40th Anniversary of Clean Water Act, Country Must Continue to Build on Progress

Like · Comment · Share

46 people saw this post

Promote



Columbus Public Utilities shared a link.
October 10, 2012

The Solid Waste Authority of Central Ohio - SWACO - is holding its last mobile household hazardous waste (HHW) drop-off event of 2012 this Saturday, October 13 from 8:00 a.m. to 2:00 p.m. at TOSOH SMD Inc., 3600 Gantz Road in Grove City. Fo...[See More](#)

<http://www.swaco.org/Uploads/Documents/HHW/HHW-Only.pdf>
www.swaco.org

Like · Comment · Share

60 people saw this post

Promote



Columbus Public Utilities shared a link via Mid-Ohio Regional Planning Commission (MORPC).
October 4, 2012

45 people saw this post

Promote



Columbus Public Utilities
October 19, 2012

Fall leaves and fall storms can equal clogged storm drains. If you see a storm drain in the City of Columbus that appears to be draining slowly and may be clogged, please report it to Sewer Maintenance at 645-7102 or through 311. Please put all yard waste into containers or yard waste bags to avoid leaves going into the street. (This happens to be the only way they will be collected in Columbus as well). ✓

Like · Comment · Share

1

75 people saw this post

Promote



Columbus Public Utilities shared a link.
October 12, 2012

Waterline valve repair job planned in the Clintonville area tomorrow AM is expected to cause some water service interruptions or low water pressure. Details below:
<http://publicutilities.columbus.gov/content.aspx?id=54919>

10-13 Water Repair in Clintonville - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

City of Columbus Waterline Valve Repair Work to Affect Water Service in the Walhalla Ravine/Clintonville Area on Saturday

Like · Comment · Share

43 people saw this post

Promote



Columbus Public Utilities
October 9, 2012

In keeping with the city's bicentennial year, we are now celebrating 200 fans of our Public Utilities page. Thank you to Bio Green Choice for becoming our 200th fan!

Like · Comment · Share

76 people saw this post

Promote



Columbus Public Utilities
October 9, 2012

Did you know it is Public Power Week? We are celebrating it along with 2,000 other municipal power companies that provide

A good stream restoration story worth sharing. Healthy streams help save water ratepayers \$ by providing cleaner source water

equivalent to Columbus Public Utilities Timeline 2012



Ecologists take a field trip to Clover Groff Run
www.dispatch.com

The ecologists who got off a tour bus yesterday afternoon at Columbus' Spindler Road Park were not there to

Unlike · Comment · Share

2

57 people saw this post

Promote

Columbus Public Utilities
October 4, 2012

Untitled Album (4 photos)



Like · Comment · Share

1

33 people saw this post

Promote

electricity on a non-profit basis. If you live in one of the older areas of central Columbus, you may be in our service area and have a choice of providers; see map:

<http://dot.columbus.gov/content.aspx?id=36113> Event, Milestone +



PUBLIC POWER

AN AMERICAN TRADITION THAT WORKS

Public Power Week • October 7-13,

Like · Comment · Share

1

69 people saw this post

Promote

Activity

October 2012

People Who Like This

5

People Talking About This

19

Visits

3

September 2012

Columbus Public Utilities shared a link.
September 27, 2012

Likes

September 2012

More coverage on the Fifth Avenue dam/olentangy river restoration project:

www.columbuspublicutilities.com/timeline/66b3320821-11e2-a038-0019bb2963f4.html



It's about Dam time
www.theotherpaper.com

Next week, policy makers and scientists from more than 75 countries will descend upon Columbus for the fourth annual International EcoSummit.

Like · Comment · Share

69 people saw this post

Promote

Columbus Public Utilities
September 26, 2012

And in other volunteer news . . . what an active community we have!



Volunteer Service Event- honeysuckle removal
October 6, 2012 at 9:00am
<http://parks.columbus.gov/Facility...>

2 people went

Like · Comment · Share

49 people saw this post

Promote

Columbus Public Utilities shared a link.
September 26, 2012

Come on out this weekend for some good, clean fun!



Hoover Reservoir Litter Cleanup - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Come out for some "clean" fun. Gloves, bags, beverages and snacks will be provided. All volunteers should meet at the shelter house at

Like · Comment · Share

67 people saw this post

Promote

Columbus Public Utilities shared Columbus GreenSpot's photo.
September 14, 2012

Congratulations to DPU staff for their work to make this project a success!

Yesterday city staff, SWACO and Quasar accepted an Innovation award presented by the Solid Waste Association of North America (SWANA) for our combined efforts to create a facility to accept city sludge from the



Friends of the Lower



Neighborhood Pride



Franklin Soil and Water Conservation District



Columbus Public Utilities shared a note via Mount Carmel Health.
September 27, 2012

Proper medication disposal helps prevent water pollution and here is an opportunity to help toward that goal.

Help take unwanted drugs off the streets - Medication Disposal Day is September 29



The nation's fastest growing drug epidemic is not on the streets. It's in our medicine cabinets...

Fortunately, you can do something about it.

Join Mount Carmel and Cardinal Health to dispose of expired or unwanted medicines at the Fall 2...

[Continue Reading ...](#)

Like · Comment · Share

60 people saw this post

Promote

Columbus Public Utilities shared Mayor Mike Coleman's status.
September 26, 2012

Another volunteer opportunity for an event that is now sold out.

The Mayor's Small Business Conference is sold out...BUT we do need 15 volunteers to help make this event great. If interested, send a brief bio to msbc2012@columbus.gov.

Like · Comment · Share

50 people saw this post

Promote

Columbus Public Utilities
September 17, 2012

Untitled Album (5 photos)

waste water treatment plant in order to create energy in the form of natural gas. Search for people, places and things



Like · Comment · Share

85 people saw this post

Promote



Like · Comment · Share

112 people saw this post

Promote

Columbus Public Utilities shared a link. September 6, 2012

Everyone dislikes unsightly trash, particularly along our waterways and reservoirs, so here is another opportunity to get after it. Volunteers are needed for this one on September 29 in the Westerville area.



Annual Hoover Reservoir Litter Cleanup - Public Utilities, Columbus, Ohio publicutilities.columbus.gov

Gloves, bags, beverages and snacks will be provided. All volunteers should meet at the shelter house at the lower west side of Hoover

Like · Comment · Share

82 people saw this post

Promote

Columbus Public Utilities shared a link. September 5, 2012

Another of our great local volunteer groups, the Adena Brook Community, is organizing a clean-up this Saturday morning (September 8) staging from locations along Overbrook Drive between High Street and Indianola Avenue, from 9:00 to 11:00 a.m. Activities will include picking up litter and removing invasive

Columbus Public Utilities shared a link. September 13, 2012

Mayor Michael B. Coleman shares a laugh with (from left) Laura Fay, Friends of the Lower Olentangy Watershed; Columbus City Council President Andrew J. Ginther; Ohio Environmental Protection Agency Director Scott Nally; and Ohio State University Senior VP Jay Kasey during a media event at the Fifth Avenue dam. Find text of the media release in the first comment below; more photos coming soon.

plants.

Search for people, places and things

<http://www.adenabrook.org/>
Columbus Public Utilities Timeline 2012

Adena Brook
www.adenabrook.org

The Lead Team met and planned our agenda, goals for the year, among them getting more of our community actively involved in our pursuit of cleaner streams and ravines by taking "ownership of a small area near your home/office". This would allow you to work at your convenience

Like · Comment · Share

72 people saw this post

Promote



Like · Comment · Share

1 2

107 people saw this post

Promote

Activity
September 2012

People Who Like This

6

People Talking About This

24

Columbus Public Utilities shared a link.
September 4, 2012

Work continues on our Upground Reservoir in Delaware County, which will supplement water to our Dublin Road Water Plant downstream on the Scioto River. Soon work will also begin to remove the Prospect Dam, part of the project:
http://www.marionstar.com/article/20120902/NEWS01/209020301?ndclick_check=1

Water quality boost: Project includes Prospect Dam removal
www.marionstar.com

MARION - The Prospect Dam, a familiar landmark south of the village, soon will be removed as part of a project meant to supply additional water to the city of Columbus.

Like · Comment · Share

2 1

82 people saw this post

Promote

August 2012

Columbus Public Utilities shared a link.
August 31, 2012

Help keep our waterways clean by taking advantage of SWACO's free service and disposing of household hazardous waste at their permanent drop-off center located at the corner of 8th and Essex Avenue, or check out their mobile collection schedule.

Likes
August 2012



<http://www.swaco.org/Residents/HouseholdHazardousWaste.asp>
x Search for people, places and things

Solid Waste Authority of

Columbus Volunteer

FACT - Friends of Alum Creek

Columbus Put

Columbus Public Utilities Timeline 2012

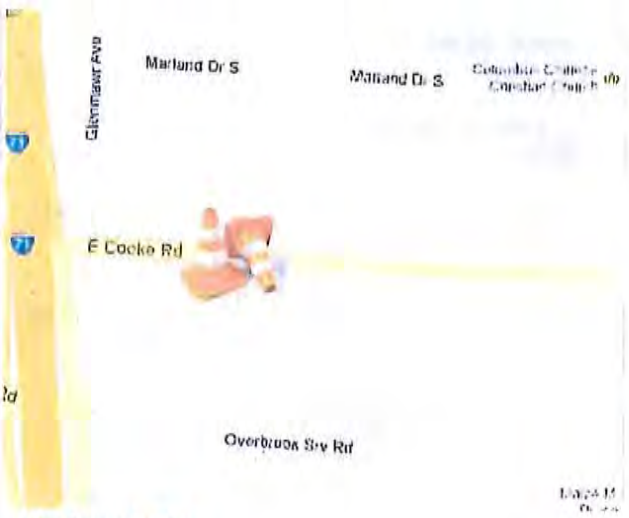


Waste (HHW)
www.swaco.org
SWACO provides free household hazardous waste (HHW) disposal services for all Franklin County

Like · Comment · Share 1 2
77 people saw this post Promote

Columbus Public Utilities shared *Paving the Way: Central Ohio Road Construction and Safety's* photo. August 30, 2012

E. Cooke Road Closure
E. Cooke Road will be closed to traffic and pedestrians immediately east of I-71 beginning Tuesday, September 4 and lasting through mid-October 2012, weather permitting. Glenmawr Avenue will also be closed to through t...[See More](#)



Like · Comment · Share
80 people saw this post Promote

Columbus Public Utilities August 29, 2012

An important milestone today: the first work on "notching" the Fifth Avenue dam. The first stage of work will be to remove the top three and a half feet from the 180' (lengthwise) section that will eventually be removed completely; after th...[See More](#)

Status Photo / Video Event, Milestone +

Columbus Public Utilities August 30, 2012

We won't be posting photos every day from the Fifth Avenue dam project but wanted to show that the first stage of "notching" continues. A reminder about the live "dam cam" link:

<http://www.truelook.com/clients/messer-webcam/>

Great things are in store for this stretch of the Olentangy in the coming years.



Like · Comment · Share 7 5 2
137 people saw this post Promote

Columbus Public Utilities shared a link. August 30, 2012

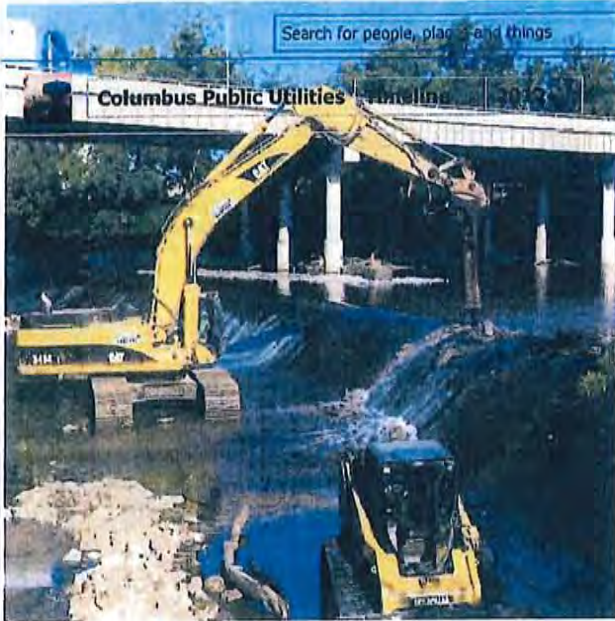
Remnants of Hurricane Isaac expected to bring rain to Ohio this weekend, which may be bad news for outdoor holiday weekend plans but it will bring needed rain to our lawns and reservoirs. <http://www.weather.com/news/weather-hurricanes/isaac-inland-timeline-20120829>



Isaac's Slow and Soaking Trek to the Midwest - weather.com
www.weather.com

Isaac's slow movement means that the remnants will hang around into the Labor Day weekend.

Unlike · Comment · Share 1
95 people saw this post Promote



Like · Comment · Share

6 3 2

128 people saw this post

Promote

Columbus Public Utilities
August 23, 2012

The Columbus Volunteer Challenge gets underway this weekend but you can start early by contributing to the Ultimate School Supply Drive. The goal: provide school supplies for 3,000 students receiving free and reduced price lunch in Columbus Public Schools. Please read the first comment below for details on how to participate; you can drop off donations at the front door of our facilities at 910 Dublin Road today and tomorrow.

Columbus Volunteer Challenge



The Columbus Volunteer Challenge is a city-wide volunteer event focused on lifting up and highlighting the importance of service to others—a critical element in building a community that is more inspired, proud and engaged. Led in partnership by the City of Columbus and United Way of Central Ohio,...

Page: 152 like this

Like · Comment · Share

1

67 people saw this post

Promote

Columbus Public Utilities shared a link.
August 21, 2012

Friends of Alum Creek & Tributaries (FACT) is seeking volunteers to help remove invasive honeysuckle and trash from along Alum Creek and the Greenway Trail by I-270 near Westerville this Saturday, August 25, from 9:00 AM to 1:00 PM.

Helper...[See More](#)

Columbus Public Utilities shared a link.
August 27, 2012

Status Photo / Video **Event, Milestone** +

Use it wisely - less than 1% of the world's fresh water supply is available for human consumption.



[scot hacker's foobar blog » Where's the Water?](#)
birdhouse.org

Stunning example of "a picture is worth a thousand."

Like · Comment · Share

3

106 people saw this post

Promote

Columbus Public Utilities shared a link via Mayor Mike Coleman.
August 24, 2012



Small Business Conference & Expo, Columbus, Ohio
msbc2012.columbus.gov

Small businesses are the heart of our local economy, providing jobs and services that are essential to our future. Every day the City of Columbus depends on

Like · Comment · Share

86 people saw this post

Promote

Columbus Public Utilities shared a link.
August 22, 2012

Just a reminder for anyone you may know who struggles to meet their bills that we have discount programs available for qualifying low-income customers. We also have senior discounts available for our water and city power customers. For more info, please call Customer Service at 645-8276 or visit the link below.



Utility Discount Programs - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Low Income - Single Family Property Programa de Descuento por Bajo Ingreso para Cargos de Agua y Cloaca Low Income Discount Application

Like · Comment · Share

1

102 people saw this post

Promote

Columbus Public Utilities shared a link via Mayor Mike Coleman.
August 17, 2012

Home
www.columbusvolunteerchallenge.org

Friends of Alum Creek and Tributaries
www.friendsofalumcreek.org

Search for people, places and things

Columbus Pub

Columbus Public Utilities Timeline 2012
e of these products and services were financed in part, directly through a grant from the Ohio Environmental Protection Agency and the United States Environmental Protection Agency, under the provisions of Section 319 (h) of the Clean Water Act. The contents and views,

Like · Comment · Share

2 1 1

110 people saw this post

Promote

Columbus Public Utilities shared **Mayor Mike Coleman's photo.**
August 17, 2012

Join us this Saturday August 18th at the **Columbus Commons** for the Mayor's **Neighborhood Pride Columbus (Ohio)** Block Party!

Mayor Coleman's Block Party
Saturday, August 18
Columbus Commons
10:00 a.m. - 3:00 p.m.
Safety • Wellness • Parenting
Free Food and Fun!

- 4,000 pairs of free flip flops and free parenting tips at the Franklin County Children Service's booth
- Free hula hoops to the first 400 participants in the 200 seconds of fun! at noon
- Free school supplies from Target while supplies last
- Free Kids activities, inflatables, CRPD climbing wall, DPU "Storm Hole", Imagination Play
- Safety information from Columbus Police and Fire
- Child ID cards from Franklin County Sheriff's Office
- Over 60 community information booths and there is still time to join the event's flash mob!

Like · Comment · Share

96 people saw this post

Promote

Columbus Public Utilities
August 14, 2012

Columbus water customers may see ads or receive solicitations from water or sewer line insurance companies from time to time. We are sometimes asked if the city takes a position or has a partnership with any of the companies that offer homeowner line policies and the answer is no. We maintain the city's lines and the property owner is responsible for their homeowner service line. When in doubt as to which side a problem may be on, please report it to 311 or 645-3111 so a crew can check it out.

Like · Comment · Share

4

152 people saw this post

Promote

COLUMBUS VOLUNTEER CHALLENGE

200 Columbus

Status Columbus

Photo / Video

Event, Milestone +

Like · Comment · Share

The Columbus Volunteer Challenge will be held August 25 through 10 September 1, 2012 and will be the premier volunteer event in Columbus, Ohio. **Promote**

Columbus Public Utilities shared a link.
August 16, 2012

Our thanks to the many volunteer watershed protection organizations who lend helping hands with important projects like this one: removal of invasive honeysuckle. The link below details the Ecological Restoration Program through Columbus R...**See More**



Programs
parks.columbus.gov

Columbus Ecological Restoration Program
Honeysuckle is a big concern for our parks and we would appreciate your help in eradicating this invasive plant species. Although honeysuckle can

Like · Comment · Share

3 2

115 people saw this post

Promote

Columbus Public Utilities shared a note via **Neighborhood Pride Columbus (Ohio)**.
August 14, 2012

Where else can you participate in a flash mob, get free flip flops and play "Stormhole" with our water rangers? Our department will be giving out free What's Up with Conserving Water booklets for kids too.

Mayor Coleman Invites Families to Summer Block Party

Mayor Coleman Invites Families to Summer Block Party
Mayor Michael B. Coleman and Franklin County Children's Services invites families and children to visit Columbus Commons August 18 from 10 a.m. to 3 for Mayor Coleman's Neighborhood Pride...

[Continue Reading ...](#)

Like · Comment · Share

105 people saw this post

Promote

Columbus Public Utilities shared a link.
August 14, 2012

COSI's very educational Water exhibit will leave CBus in a few weeks. If you didn't get a chance to see it, there is still time through September 3.

COSI - Water
www.cosi.org

Columbus Public Utilities shared a link. August 2, 2012 Search for people, places and things

Columbus Put

Columbus Public Utilities Times Dispatch editorial regarding removal of the Main Street dam:



Restoration www.dispatch.com

Restoring the Scioto River to its natural flow through Downtown will take some money and some doing, but the result will make the trouble worthwhile.

Like · Comment · Share

157 people saw this post

Promote

Activity August 2012

People Who Like This

10

People Talking About This

76

Visits

9

Status Photo / Video Event, Milestone +

Like · Comment · Share

1 1

Explore Science. Discover fun! COSI Columbus is a dynamic hands-on science center located in Central Ohio that is fun for all ages.

Columbus Public Utilities shared a link. August 1, 2012

Students off from school looking for a volunteer activity to help fill those dog days of summer are welcome to participate in the city's We All Live Downstream storm drain marking project. Here is more information:



Storm Drain Marker Program - Public Utilities, Columbus, Ohio utilities.columbus.gov

If you are interested in protecting our natural resources, participate in the "No Dumping, Drains to Rivers" storm drain

Like · Comment · Share

115 people saw this post

Promote

July 2012

Columbus Public Utilities shared FACT - Friends of Alum Creek and Tributaries's photo. July 24, 2012

A great example of how our local watershed groups are working with schools and community groups to help water quality in our region, which benefits all of us.

Check out the split rail wooden fencing installed along Westerville School District's greenway preserve. In early 2010 FACT convinced maintenance staff that there was no need to mow this floodplain site. Located next to some of Spring Run's...See More

Columbus Public Utilities shared a link. July 24, 2012

On a day when central Ohio is getting some rain, check out this Dispatch article that explains how plants are being used to keep pollutants carried by stormwater from washing into the reservoirs.



Working gardens: City uses special plants, soil to keep storm runoff from reservoirs www.dispatch.com

The wildest, most overgrown areas along the shores of Columbus' drinking-

Like · Comment · Share

5

185 people saw this post

Promote

Columbus Public Utilities July 19, 2012

If you need to water your lawn, just a reminder that it is more effective to do in the morning or evening. Running sprinklers during the hottest points of the day causes water loss through evaporation.



Like · Comment · Share 2
 114 people saw this post Promote

Columbus Public Utilities shared a link.
 July 9, 2012

Fortunately, we've come a long way since our sewers made this kind of news in 1986. Thankfully, the invention of rehabilitating sewers through trenchless technology that became available shortly after this incident has allowed the city to r...[See More](#)



Columbus Mileposts: July 9, 1986 | Lawyer scores hole-in-one — with his Mercedes
www.dispatch.com

The earth fell out from under lawyer Michael Schmidt as he drove to work

Like · Comment · Share 4
 154 people saw this post Promote

Columbus Public Utilities
 July 6, 2012

A friendly reminder: we know it's tempting in this scorching weather, but it is illegal to open neighborhood fire hydrants (per City Codes 1103.01 and 2517.04). Illegally opening fire hydrants can hamper firefighting capabilities, drain the city's water supply and cause damage to fire hydrants, water mains, and private property. If you see someone tampering with a fire hydrant, please call Columbus Police at (614) 645-4545.

Like · Comment · Share 2
 131 people saw this post Promote

Like · Comment · Share



154 people saw this post Promote
 Status Photo / Video Event, Milestone +

Columbus Public Utilities
 July 10, 2012

And we thank all of our power customers for being our customers. We know you have a choice.



Like · Comment · Share 11 3
 326 people saw this post Promote

Columbus Public Utilities shared Mayor Mike Coleman's status.
 July 3, 2012

If you are coming in to pay your water bill today at 910 Dublin Road, there is a box on our lower level if you would like to contribute anything to the Mid Ohio Food Bank to help the folks who are without power and lost food.


City of Columbus employees are doing their part to help Columbus residents by donating non-expired, non-perishable food items at four locations. The boxes are filling up quickly.

Like · Comment · Share 1

 **Columbus Public Utilities** searched for people, places and things
July 3, 2012

100 people saw this post

 **Promote**
Columbus Put


 **Columbus Public Utilities Timeline** 2012
The Columbus Department of Public Utilities 2011 Annual Report is now available on-line at the below link:

<http://publicutilities.columbus.gov/WorkArea/linkit.aspx?LinkIdIdentifier=Id&ItemID=52496>
publicutilities.columbus.gov

Like · Comment · Share

85 people saw this post

Promote

 **Columbus Public Utilities**
July 2, 2012

Water boil alert for the Godown Road area has been cancelled.

Like · Comment · Share

71 people saw this post

Promote

 **Columbus Public Utilities** shared a link.
July 2, 2012

Water boil alert remains in effect for the Godown Road area as a precautionary measure due to a main water break repair made yesterday. Alert will likely be lifted later today or tomorrow once lab testing is complete; please check our web site and local media outlets for updates. For any questions, call Customer Service at 645-8276.

<http://www.utilities.columbus.gov/WorkArea/DownloadAsset.aspx?id=52508>
www.utilities.columbus.gov

Like · Comment · Share

54 people saw this post

Promote

 **Columbus Public Utilities** shared a link.
July 3, 2012

 **Event, Milestone +**

A big thank you to our dedicated city power crews!



Storm notebook: Smaller utilities power up
www.dispatch.com

"Got power?" was the question of the day yesterday, the third day that central Ohio spent cleaning up the damage from

Like · Comment · Share

90 people saw this post

Promote

 **Columbus Public Utilities**
July 1, 2012 via mobile

Repair crews from the Department of Public Utilities and American Electric Power have restored our water distribution system to where it is almost fully operational. However, as a precaution - to make certain all equipment continues running, to allow storage tanks to refill and to give our system a day to recover - we continue to ask our customers to suspend lawn watering until further notice. We will re-evaluate the situation Monday. We appreciate everyone's patience as well as the long hours of hard work invested by repair crews.

Like · Comment · Share

60 people saw this post

Promote

Activity
July 2012

People Who Like This

13

People Talking About This

40

Visits

6

June 2012

Columbus Public Utilities
June 30, 2012

Columbus Public Utilities
June 25, 2012

Search for people, places and things



Major communications from the Ohio Environmental Protection Agency and The Ohio State University have allowed the Columbus Department of Public Utilities to move forward with plans to remove the Fifth Avenue lowhead dam and restore the natural flow of the Olentangy River through the university area. This \$6.9 million project, which includes natural channel design techniques and native planting along the Olentangy, would not be possible without more than \$3.6 million in grant funding from Ohio EPA and \$2 million from OSU.

Like · Comment · Share

5 2

87 people saw this post

Promote

Columbus Public Utilities shared a link. June 21, 2012

Coming soon to a mailbox near you:

<http://publicutilities.columbus.gov/content.aspx?id=52318>



Drinking Water Report Shows Columbus Surpasses State & Federal Minimum Standards for Quality - Publicutilities.columbus.gov

The recently released City of Columbus 2011 Drinking Water Consumer Confidence Report will

Like · Comment · Share

5

110 people saw this post

Columbus Public Utilities June 9, 2012

Floodwall Exercise (18 photos) Required Franklinton Floodwall gate exercise along S.R. 315

Major communications from the Ohio Environmental Protection Agency and The Ohio State University have allowed the Columbus Department of Public Utilities to move forward with plans to remove the Fifth Avenue lowhead dam and restore the natural flow of the Olentangy River through the university area. This \$6.9 million project, which includes natural channel design techniques and native planting along the Olentangy, would not be possible without more than \$3.6 million in grant funding from Ohio EPA and \$2 million from OSU.

Like · Comment · Share

4 3

146 people saw this post

Promote

Columbus Public Utilities shared a link. June 20, 2012

Our friends at the Solid Waste Authority of Central Ohio are sponsoring another mobile household hazardous waste collection site this Saturday, June 23 at 4252 Groves Road in Columbus, hours 8:00 a.m. to 2:00 p.m. See the full schedule at...See More

<http://www.swaco.org/Uploads/Documents/2012hhwFlyer2.pdf>
www.swaco.org

Like · Comment · Share

2 1

85 people saw this post

Columbus Public Utilities June 19, 2012

To all pet owners: due to an increase in dog bites this year, you may be asked to control or temporarily confine your pet when our utility workers come to your homes. Pets tend to be territorial and protective of their owners and may become nervous or feel threatened when a stranger approaches. Our goal is to protect your pet as well as our workers. Please know that when a dog bite occurs we are required to report the incident to the Columbus Health Department, the Franklin County Department of Animal Care and Control, and to the Columbus Board of Health. Our utility workers are also trained and approved to carry pepper spray as a last resort if in fear of an attack. Thank you for your consideration.

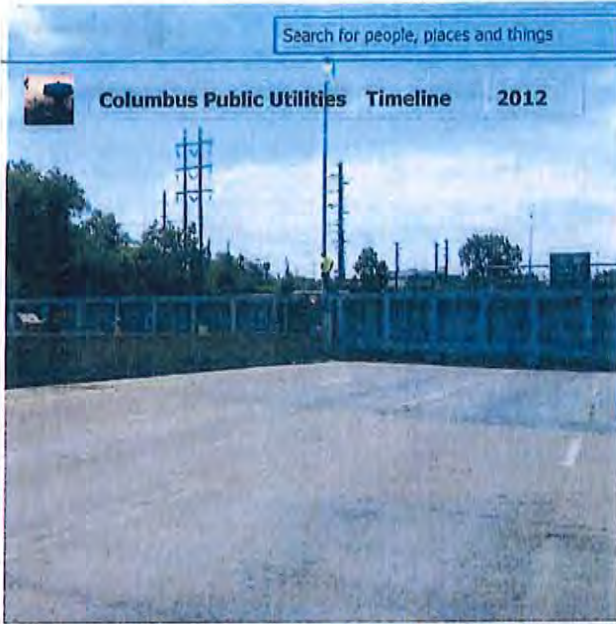
Like · Comment · Share

1

103 people saw this post

Columbus Public Utilities shared Paving the Way: Central Ohio Road Construction and Safety's status. June 8, 2012

SR 315 will be closed in both directions between I-670 and I-70 on Saturday, June 9, from 6 a.m. to 9 p.m. for floodwall testing



and other maintenance work. The ramps from MC 33 and Rich/Town Street to SR 315 will be closed during this time. Traffic on SR 315 will be detoured to I-670, I-71 and I-270. (City of Columbus) [Photo / Video](#) [Event, Milestone +](#)

Like · Comment · Share

59 people saw this post

Columbus Public Utilities shared a link.
June 8, 2012

Required floodwall exercise to be done this weekend; portions of 315 to be closed during testing and while other maintenance is performed.

<http://publicutilities.columbus.gov/WorkArea/DownloadAsset.aspx?id=52119>
publicutilities.columbus.gov

Like · Comment · Share

67 people saw this post



Like · Comment · Share

5 2

Columbus Public Utilities
June 6, 2012

Please report Columbus streetlights in need of new bulbs or other service to 311 or 645-7627. Sometimes they are privately owned by AEP or others and are not the city's to maintain, but if they burn out and are city streetlights, if the public can report them it helps us get them back on as quickly as possible.

Like · Comment · Share

6

82 people saw this post

Columbus Public Utilities shared a link.
June 1, 2012

Sharing a little water history in the news today.



Columbus Mileposts | June 1, 1925:
Hot dam was welcome on blazing day
shar.es

With the temperature soaring to nearly 100 degrees and water use hitting

Like · Comment · Share

71 people saw this post

Columbus Public Utilities shared a link.
June 1, 2012

June is Central Ohio River Pride month. If you are interested in helping to beautify our local waterways, here are some upcoming events.



Central Ohio River Pride - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

JUNE 2012 - CENTRAL OHIO RIVER PRIDE MONTH! Each spring, litter is a visible problem in many communities,

Like · Comment · Share

Activity
June 2012

Search for people, places and things 71 people saw this post



Columbus Public Utilities Timeline 2012

Status Photo / Video Event, Milestone +

10

People Talking About This

Visits

50

2

May 2012

Columbus Public Utilities
May 30, 2012

Water conservation tip: a healthy lawn needs only 1" of water a week. For a free rain gauge to monitor weekly rainfall (or lack thereof lately!), please call Customer Service at 645-8276 to request one.

Like · Comment · Share

71 people saw this post

Columbus Public Utilities
May 23, 2012

Filling a pool for this weekend? We have a chart to help you calculate how much it will cost, available off the web address below.

<http://publicutilities.columbus.gov/DocListing.aspx?id=36841>

Like · Comment · Share

70 people saw this post

Columbus Public Utilities shared a link.
May 23, 2012

Looking for a volunteer activity to help keep the kids busy this summer? Our "No Dumping, Drains to Rivers" storm drain marking activity is very easy and helps raise awareness on protecting water quality. ✓



Storm Drain Marker Program - Public Utilities, Columbus, Ohio
utilities.columbus.gov

If you are interested in protecting our natural resources, participate in the "No Dumping, Drains to Rivers" storm drain marking project.

Like · Comment · Share

59 people saw this post

Columbus Public Utilities shared a link.
May 18, 2012

Just a reminder for Com-Til mulch fans that the product is no longer available for retail sale directly from our city compost facility. Below is a link to where you can find it and keep the beneficial product in your garden. Happy gardening!

Attention Valued Com-Til Customers - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Com-Til is available at many conveniently located retailers including: Jones Fuel, Ohio Mulch, Kurtz Brothers and Mr. Mulch.

Like · Comment · Share

56 people saw this post

Columbus Public Utilities
May 16, 2012

Water main breaks can occur anytime, not just winter. Overall our breaks have been going down due to our replacement/rehab efforts, but we sometimes see them in the spring due to pressure shifts caused by seasonal hydrant flushing. If you see a suspected water break, please report it to 311 or 645-3111. After hours, you can dial our 24-hour line direct at 645-7788, which can also be accessed through 311 by following the prompts.

Like · Comment · Share

3

Columbus Public Utilities
May 8, 2012

2012 Central Ohio Children's Water Festival (12 photos)
2012 Central Ohio Children's Water Festival — at Ohio State Fairgrounds - Expo Center. ✓

82 people saw this post

Search for people, places and things

Columbus Public Utilities Timeline 2012
 Columbus Public Utilities shared a link.
 May 7, 2012

It's Drinking Water Week! Please enjoy a cold glass of Columbus water for just pennies as compared to the cost of bottled water. Your tap water meets or exceeds all federal standards.



Water Quality Assurance - Public Utilities, Columbus, Ohio
 publicutilities.columbus.gov

The City of Columbus' Water Quality Assurance Laboratory (WQAL) is a large modern water lab with a long history of distinguished public service starting

Like · Comment · Share

4

105 people saw this post

Columbus Public Utilities
 May 4, 2012

Update: our customer information and billing system is back on line. We thank you for your patience while our technical staff and the Department of Technology worked all hours to restore the system. If you have questions, please call Customer Service at 645-8276.

Like · Comment · Share

68 people saw this post

Activity
 May 2012

People Who Like This

8

People Talking About This

13

Visits

1

April 2012

Columbus Public Utilities shared a link.
 April 27, 2012

If you are going to COSI for their Earth Day event tomorrow (which will have a water focus this year due to their Water exhibit), please stop by our booth and pick up a free rain gauge! Our Watershed Rangers will have activities for kids also.



Columbus Public Utilities shared a link.
 April 25, 2012

The annual fire hydrant flushing season begins Monday. If you experience a temporary reduction in pressure or see some rusty water during it, here is some info on what to do as well as the schedule.



Like · Comment · Share · Tag Friends

1

Columbus Public Utilities
 May 3, 2012

Our customer information and billing system is currently unavailable. We hope to have it restored by the end of today, but for billing issues or scheduled service calls, it may be best to call back tomorrow. We apologize for any inconvenience. This will not affect emergency service requests like water breaks; please continue to report those as usual. For questions, please call Customer Service at 645-8276.

Like · Comment · Share

1

73 people saw this post

COSI - Calendar of Events
www.cosi.org
Search for people, places and things



COSI Columbus Public Utilities Timeline 2012
Evolve, Science, Discover fun! COSI Columbus is a dynamic hands-on science center located in Central Ohio that is fun for all ages.

Like · Comment · Share

70 people saw this post

Columbus Public Utilities shared a link.
April 24, 2012

Columbus Government Television (CTV) has uploaded a video to their YouTube channel from the Thursday, April 12 event at the OARS project construction site. This video makes a good companion to the project photo folder uploaded to this page April 13.

<http://www.youtube.com/watch?v=NojzndGPM5o>



Press Conference: OARS Project Tour April 2012

Mayor Michael B. Coleman, City Councilmember Eileen Y. Paley and Department of Public Utilities Director Greg Davies joined other city leaders

Like · Comment · Share

63 people saw this post

Columbus Public Utilities shared a link via Mid-Ohio Regional Planning Commission (MORPC).
April 19, 2012

Compost Bin & Rain Barrel Sale
www.morpc.org

Join us Saturday and Sunday May 5 & 6, 2012 10 am - 3 pm Contact Brandi Whetstone at 614-233-4174 for more information or to volunteer at either event.

Like · Comment · Share

61 people saw this post

Columbus Public Utilities shared a link.
April 18, 2012

A little Columbus water history in the news today.



Columbus Mileposts | April 18, 1853: Cholera, fires spur municipal water system
www.dispatch.com

With fire and deadly disease frequent visitors to Columbus residents, the City

Like · Comment · Share

1 1



Hydrant Flushing Season Is Approaching - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Status **Photo / Video** **Event, Milestone +**
The Columbus Division of Fire will be conducting the annual flushing of all City of Columbus hydrants. Please note: you may experience low pressure or discolored,

Like · Comment · Share

6 1

88 people saw this post

Columbus Public Utilities
April 23, 2012

For utility service related requests or questions, always call 311 or 645-3111 and follow the prompts for utilities like water or sewer maintenance. While 311 is open just weekdays, the phone system will connect you to our water, sewer and power maintenance desks that are staffed 24/7 for emergencies. This Facebook page is not monitored 24/7 and service requests must be made to those service lines.

Like · Comment · Share

58 people saw this post

Columbus Public Utilities shared a link.
April 19, 2012

It's National Volunteer Week and CDPU offers two volunteer opportunities to help protect our water. Sign up now for Central Ohio River Pride clean up events in June, or residents and groups can do storm drain marking on your own time.



Central Ohio River Pride - Public Utilities, Columbus, Ohio
utilities.columbus.gov

JUNE 2012 - CENTRAL OHIO RIVER PRIDE MONTH! Each spring, litter is a visible problem in many communities, with our stream and river banks being no exception.

Like · Comment · Share

63 people saw this post

Columbus Public Utilities shared a link.
April 18, 2012

One way to help protect water supplies is by disposing of prescription drugs properly. To find a location near you on the national collection April 28, here is a site you can search by area.



Drug Disposal - National Take-Back Initiative
www.deadiversion.usdoj.gov

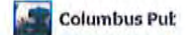
Department of Justice Drug Enforcement Administration Office of Diversion Control

Like · Comment · Share

80 people saw this post

Search for people, places and things

66 people saw this post

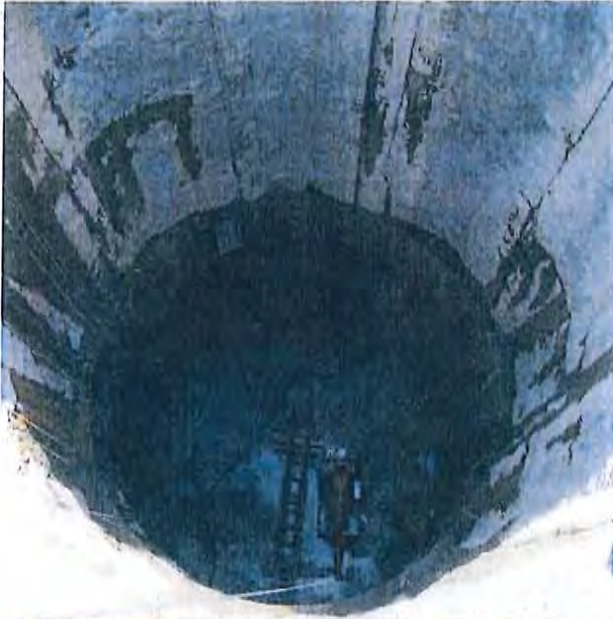


Columbus Public Utilities Timeline 2012

Columbus Public Utilities
April 13, 2012

OARS Construction Site - April 2012 (12 photos)

The OARS project (short for OSIS Augmentation Relief Sewer; OSIS is yet another acronym which stands for Olentangy Scioto Interceptor Sewer) is a \$342 million capital project to greatly reduce sewer overflows. The resulting 20-foot diameter tunnel will be operational by the end of 2014 and remove over a billion gallons of sewer overflows annually.



Like · Comment · Share

2 3

78 people saw this post

Activity
April 2012

People Who Like This

2

People Talking About This

21

Visits

1

Status Photo / Video Event, Milestone +

Columbus Public Utilities shared a link.
April 13, 2012

Now that it's gardening and home improvement season, a friendly reminder from American Electric Power: April is National Safe Digging Month.

<https://www.aepohio.com/safety/CallBeforeYouDig.aspx?video=45>



Know what's below.
Call before you dig.

AEP Ohio - Underground Lines
www.aepohio.com

If you have underground electric lines, never start a digging project without knowing where the lines are located. Call 811 before you dig to avoid serious injury, expenses or

Like · Comment · Share

52 people saw this post

Columbus Public Utilities shared a link via **Columbus GreenSpot**.
April 2, 2012



Worksites List | Earth Day Columbus
earthdaycolumbus.org

Like · Comment · Share

1

52 people saw this post

Columbus Public Utilities shared a link via **Franklin Soil and Water Conservation District**.
April 2, 2012

Great opportunity - this partnership rain barrel program is part of our water conservation efforts.



Franklin Soil and Water Storm Water Education - GreenSpot Rain Barrel Program
GreenSpotRainBarrels.org

This program is made possible by Columbus Mayor Michael B. Coleman and the Columbus Department of Public Utilities; Franklin County Commissioners

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47 people saw this post

March 2012

Search for people, places and things



Columbus Public Utilities
 March 20, 2012
 Columbus Public Utilities Timeline 2012

The next Columbus City Council Community Meeting is set for Tuesday, April 10 at the Barnett Community Center, 1184 Barnett Road, 5:30-7:30 p.m. (*note: this meeting is rescheduled from its original date of April 3). These are excellent opportunities to meet Council representatives - including Councilmember Eileen Paley, Chair of the Public Utilities Committee - in an informal setting and talk about issues important to your neighborhood. Representatives from each department, including Public Utilities, will be on hand as well.

Like · Comment · Share

51 people saw this post

Columbus Public Utilities shared a link.
 March 19, 2012

As thoughts turn to gardening during this wonderful early spring we are experiencing, we wanted to post a reminder on the change in locations where the city's Com-Til mulching product will be available. More info is available at the link.



Attention Valued Com-Til Customers - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Com-Til is available at many conveniently located retailers including: Jones Fuel, Ohio Mulch, Kurtz Brothers and Mr. Mulch.

Like · Comment · Share

53 people saw this post

Columbus Public Utilities shared a link.
 March 13, 2012

Did you know it's Fix A Leak Week? EPA suggests we pledge to save water by fixing all leaks. To help you get started, here is the link to Columbus' Leak Detection Guide. For hard copies and other goodies like dye tablets, please call Customer Service at 645-8276.

http://publicutilities.columbus.gov/uploadedFiles/Public_Utilities/Document_Library/Publications/Pow
publicutilities.columbus.gov

Like · Comment · Share

50 people saw this post

Columbus Public Utilities shared a link via Columbus City Council.
 March 8, 2012

Columbus Public Utilities shared a link.
 March 26, 2012
 Photo / Video Event, Milestone +

This is Spring Severe Weather Awareness Week, and we urge you to take part in the statewide tornado drill scheduled Wednesday morning - details below from Franklin County Emergency Management and Homeland Security. Preparation is your best chance to remain safe during severe weather!

<http://www.franklincountyohio.gov/emahs>



Emergency Management and Homeland Security
www.franklincountyohio.gov

STATEWIDE TORNADO DRILL IS THIS WEDNESDAY AT 9:50 A.M. - NOT AT NOON; Part of Spring Severe Weather

Like · Comment · Share

57 people saw this post

Columbus Public Utilities shared Joe At TourismOhio's album.
 March 15, 2012

One of our employees got the opportunity to preview this amazing exhibit that opens at COSI on Saturday. It is very educational and highly recommended for anyone interested in water - and since we all depend on it, aren't we all?

COSI - WATER (6 photos)
 The stages of water - solid, liquid, gas



Community Meeting Reminder - Douglas Community Center 3-13-12
Search for people, places and things



Columbus Public Utilities Timeline 2012

Like · Comment · Share

53 people saw this post



Like · Comment · Share

2 1

47 people saw this post



Columbus Public Utilities shared a link via Mayor Mike Coleman.
March 8, 2012



Columbus Public Utilities shared a link via Mid-Ohio Regional Planning Commission (MORPC).
March 8, 2012



It Is Here - Columbus Foundation

IT IS HERE We live in a great community, where history resounds and opportunity abounds. Here is a two-minute video reflection for you to view and share with...

Like · Comment · Share

51 people saw this post



Franklin County Commissioners
Invest in New Community Gardens
— ColumbusUnderground.com
www.columbusunderground.com

Like · Comment · Share

1

54 people saw this post

Activity
March 2012

People Who Like This

4

People Talking About This

8

Visits

1



Columbus Public Utilities updated their cover photo.
March 2, 2012



Like · Comment · Share

5

February 2012



Columbus Public Utilities
February 28, 2012



Columbus Public Utilities shared Columbus GreenSpot's status.
February 23, 2012



2012 State of the City Address
February 29, 2012 at 6:00pm
The Ohio Theatre
104 people went

Like · Comment · Share

3

43 people saw this post

Sharing this community gardens grant opportunity that opens next week.

Mayor Michael B. Coleman, the Franklin County Commissioners and Columbus Bicentennial sponsor Fifth Third Bank have teamed up to offer grant funding (up to \$4000) for community gardens. Additionally, The Scotts Miracle-Gro Company has partnered to supplement grant awards with product donations. Grant applications will become available online at the Columbus Foundation website Monday, February 27 and will remain available until March 16, 2011. An information session will be



Columbus Public Utilities
February 23, 2012

Search for people, places and things

held at 6PM on March 1 at the Columbus Foundation (1235 E. Broad Street) in order to answer your questions and help you to write a successful proposal.

Status Photo / Video Event, Milestone +



Columbus Public Utilities Timeline 2012

Over 3,500 downloads so far we hear! If you have not downloaded this free app to your Android or Apple phone, here is the link for more info.



My Columbus Mobile Application - Office of the Mayor, Columbus, Ohio
mayor.columbus.gov

The City of Columbus has released a free Mobile App for the iPhone, iPad and Droid, called MyColumbus, allowing area residents enhanced access to city and

Like · Comment · Share

60 people saw this post

Like · Comment · Share

46 people saw this post



Columbus Public Utilities shared a link via Franklin Soil and Water Conservation District.
February 23, 2012



Stormwater Runoff 101

Urban runoff is a main source of pollution at beaches across the United States. But solutions, known collectively as "green infrastructure" can reduce the am...

Like · Comment · Share

54 people saw this post



Columbus Public Utilities shared a link.
February 21, 2012

Federal poverty numbers were just adjusted. If you know of anyone who applied for a low income or senior discount and did not qualify because they made slightly too much income, please encourage them to review the numbers to see if they qualify now.

<http://publicutilities.columbus.gov/content.aspx?id=40925>



Utility Discount Programs - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Low Income - Single Family Property Programa de Descuento por Bajo Ingreso para Cargos de Agua y Cloaca Low Income Discount Application in Spanish

Like · Comment · Share

56 people saw this post



Columbus Public Utilities shared a link.
February 21, 2012

There is still time to RSVP (through Friday) for the State of the City Address February 29. The event will include live performances at the Ohio Theatre.



The 2012 State of the City Address - Office of the Mayor, Columbus, Ohio
mayor.columbus.gov

RSVP by February 24th By phone: (614) 645-RSVP, or email: MayorsRSVP@Columbus.gov Complimentary Parking: Columbus Commons Parking Garages 191 South

Like · Comment · Share

50 people saw this post



Columbus Public Utilities shared a link.
February 15, 2012

Back in November we shared how Columbus Public Utilities is working with Franklin County Emergency Management and Homeland Security to establish Operation Flood Fight, recruiting volunteers to help fill sandbags in the event of widespread f... See More



Emergency Management and Homeland Security
www.franklincountyohio.gov

Operation Flood Fight, Posted 2/14/12 Volunteers needed: Learn to sandbag in a catastrophic flood. (Click

Like · Comment · Share

44 people saw this post



Columbus Public Utilities shared Mayor Mike Coleman's photo.
February 14, 2012

Happy 200th Birthday Columbus!!!

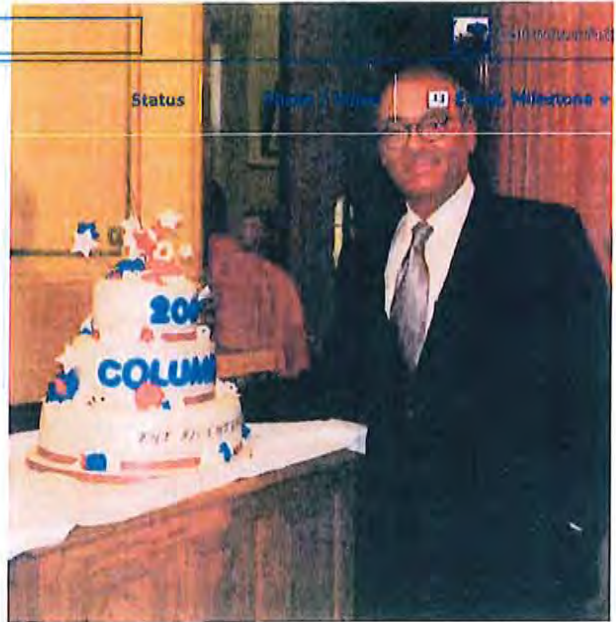
Columbus Public Utilities shared Columbus Planning's status.
February 14, 2012

Columbus Public Utilities Timeline 2012

If you live or work in the McKinley-Dublin neighborhood located on the city's near northwest side please complete a stakeholder survey at: <http://development.columbus.gov/mckinleydublnsurvey.aspx>. For a description of the area plan's boundaries, see: <http://tinyurl.com/mckinleydublnfacebook>. And don't forget to Like the Page!

Like · Comment · Share

44 people saw this post



Like · Comment · Share

57 people saw this post

Columbus Public Utilities shared Columbus GreenSpot's status.
February 9, 2012

Save the date! The annual GreenSpot celebration and Mayor Coleman's presentation of the GreenSpotLight awards will be held in conjunction with Cocktails at the Conservatory on March 8. Stay tuned for more details.

Like · Comment · Share

28 people saw this post

Columbus Public Utilities shared a link via Columbus GreenSpot.
February 14, 2012



U.S. Green Building Council Central Ohio Chapter
usgbc-coh.org

Transforming the Central Ohio built environment to be more healthy, prosperous and sustainable.

Like · Comment · Share

45 people saw this post

Columbus Public Utilities shared a link.
February 3, 2012

Have you RSVP'd yet for the State of the City Address?



The 2012 State of the City Address - Office of the Mayor, Columbus, Ohio
mayor.columbus.gov

RSVP by February 24th By phone: (614) 645-RSVP, or email: MayorsRSVP@Columbus.gov Complimentary Parking: Columbus Commons Parking Garages 191 South

Like · Comment · Share

40 people saw this post

Columbus Public Utilities shared a note via Columbus City Council.
February 9, 2012

Columbus City Council 2012 Community Meeting Schedule

COLUMBUS CITY COUNCIL
MEDIA RELEASE

For Immediate Release: January 10, 2012

For More Information:

...

[Continue Reading ...](#)

Like · Comment · Share

38 people saw this post

Activity
February 2012

People Who Like This

People Talking About This

Green Spot Businesses

Mandatory Requirements to Comply With City Code and the City's MS4 NPDES Permit

Business	Clean Outdoor Areas with a Broom and / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Cars, Equipment, Floor Mats, or Other Items Where Runoff Water Flows Into the Storm Drain.
Albert Chapman Elementary School 8450 Sawmill Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ann Simpson Davis Middle School 2400 Sutter Parkway	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Baker Creative 386 Main Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Battelle Memorial Institute 505 King Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bennett Insurance Agency LLC 700 South High Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bethel Lutheran Church 4501 Hoover Road	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Blacklick Woods Metro Park 6975 E. Livingston Ave.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
City of Columbus Department of Public Utilities 910 Dublin Rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Clean Fuels Ohio 530 W Spring St Ste 250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Columbus Furniture Revival, LLC 804 S. Pearl St.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Columbus Labor Solutions 3230 N. High Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daniel Wright Elementary 2335 West Case Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deer Run Elementary School 8815 Avery Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Business

Clean Outdoor Areas with a Broom and / or Damp Mop Instead of a Hose.

Keep Receiving Areas and Dumpsters Clear of Litter:

Do not Hose off or Wash Cars, Equipment, Floor Mats, or Other Items Where Runoff Water Flows Into the Storm Drain.

Dr Pepper Snapple Group 950 Stelzer Rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dublin City Schools 7030 Coffman Rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dublin Coffman High School 6780 Coffman Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dublin Jerome High School 8300 Hyland Croy Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dublin Scioto High School 4000 Hard Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Eli Pinney Elementary School 9989 Concord Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Emma Bailey Elementary School 4900 Brandonway Drive	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
eStem Middle at Baldwin Road 2300 Baldwin Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FernBird 3337 N High St	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Citizens 1020 Dennison Ave, Suite 301	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Garrison and Associates Inc 4701 Olentangy River Rd #201	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garrison and Associates, Inc. 4920 Reed Road / Suite B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gerber, LLC 121 E. Nationwide Blvd.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glacier Ridge Elementary School 7175 Glacier Ridge Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Godman Guild Association 303 E. 6th Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Business

Clean Out Areas with a Broom and / or Damp Mop Instead of a Hose. Keep Receiving Areas and Dumpsters Clear of Litter. Do not Hose off or Wash Car: Equipment, Floor Mats, or Other Items Where Runoff Water Flows into the Storm Drain.

Green Roots, LLC 8114 Reynoldswood Dr.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Grove Overhead Door 1688 Case Rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hazels House of Hope 477 E Morrill Ave	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Henry Karrer Middle School 7245 Tullymore Drive	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hispanic Chamber of Columbus 773 East Long Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indian Run Elementary School 80 West Bridge Street	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
John Sells Middle School 150 West Bridge Street	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Kaufman Development 30 Warren St	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Matrka Deconstruction 7178 scioto rd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
McCloy Financial Services 921 Chatham Lane, Suite 300	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MWH Global 1801 Watermark Dr. Ste 220	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Oakwood Management 6950-A Americana Parkway	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Olde Sawmill Elementary School 2485 Olde Sawmill Blvd	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Oxford Training and Enrichment Center 6065 Glick Rd.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Re Work Concepts 6447 Sharon Woods Blvd	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Business

Clean Outdoor Areas with a Broom and / or Damp Mop Instead of a Hose.

Keep Receiving Areas and Dumpsters Clear of Litter.

Do not Hose off or Wash Cars, Equipment, Floor Mats, or Other Items Where Runoff Water Flows into the Storm Drain.

Business Name	Clean Outdoor Areas with a Broom and / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Cars, Equipment, Floor Mats, or Other Items Where Runoff Water Flows into the Storm Drain.
Reddy or Knot Design 2756 Edgewood Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Restoration Solutions LLC 7529 Mountain Park Dr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Riverside Elementary School 3260 Riverside Green Drive	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Scottish Corners Elementary School 5950 Sells Mills Drive	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Select Services Property Solutions, LLC 3080 Scioto Darby Executive Ct.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharon Woods Metro Park 6911 Cleveland Ave.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ShredMark, Ltd. 790 East Markison Ave.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T&M Associates 100 East Campus View Blvd., Suite 250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Dawes Arboretum 7770 Jacksontown Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The Lamp Shade 990 N. High St.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TrashCab LLC 955-Checkrein Ave	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WastePoint, Inc. P.O. Box-91231	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Weldon 3656 Paragon Drive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Williams Creek Consulting, Inc. 247 East Livingston Ave, Suite B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Williard Grizzell Middle School 8705 Avery Road	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Clean Out Areas with a Broom and / or Damp Mop Instead of a Hose. Keep Receiving Areas and Dumpsters Clear of Litter. Do not Hose off or Wash Cars, Equipment, Floor Mats, or Other Items Where Runoff Water Flows Into the Storm Drain.

Wyandot Elementary School

5620 Dublinshire Drive



59 Records From 01-Jan-2012 Through 31-Dec-2012

Green Spot Businesses

Stormwater Benefits from Landscaping Commitments

	Install a cistern or rain barrel to catch rainwater, and use it to water landscaped areas	Install a rain garden	Redirect downspouts towards landscaped areas where possible	Remove hardscape and install permeable paving, such as porous concrete or porous pavers.
Albert Chapman Elementary School 8450 Sawmill Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ann Simpson Davis Middle School 2400 Sutter Parkway	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Baker Creative 386 Main Street	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Battelle Memorial Institute 505 King Ave	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bennett Insurance Agency LLC 700 South High Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bethel Lutheran Church 4501 Hoover Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blacklick Woods Metro Park 6975 E. Livingston Ave.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City of Columbus Department of Public Utilities 910 Dublin Rd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Clean Fuels Ohio 530 W Spring St Ste 250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Columbus Furniture Revival, LLC 804 S. Pearl St.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Columbus Labor Solutions 3230 N. High Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daniel Wright Elementary 2335 West Case Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deer Run Elementary School 8815 Avery Road	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Install a cistern or rain barrel to catch rainwater, and use it to water landscaped areas	Install a rain garden	Redirect downspouts towards landscaped areas where possible	Remove hardscape and install permeable paving, such as porous concrete or porous pavers.
Dr Pepper Snapple Group 950 Stelzer Rd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dublin City Schools 7030 Coffman Rd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dublin Coffman High School 6780 Coffman Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dublin Jerome High School 8300 Hyland Croy Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dublin Scioto High School 4000 Hard Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eli Pinney Elementary School 9989 Concord Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emma Bailey Elementary School 4900 Brandonway Drive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
eStem Middle at Baldwin Road 2300 Baldwin Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FernBird 3337 N High St	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Citizens 1020 Dennison Ave, Suite 301	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garrison and Associates Inc 4701 Olentangy River Rd #201	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garrison and Associates, Inc. 4920 Reed Road / Suite B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gerber, LLC 121 E. Nationwide Blvd.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glacier Ridge Elementary School 7175 Glacier Ridge Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Godman Guild Association 303 E. 6th Ave	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Install a downspout or rain barrel to catch rainwater, and use it to water landscaped areas	Install a rain garden	Redirect downspouts towards landscaped areas where possible	Remove hardscape and install permeable paving, such as porous concrete or porous pavers.
Green Roots, LLC 8114 Reynoldswood Dr.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grove Overhead Door 1688 Case Rd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazels House of Hope 477 E Morrill Ave	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Henry Karrer Middle School 7245 Tullymore Drive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hispanic Chamber of Columbus 773 East Long Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indian Run Elementary School 80 West Bridge Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John Sells Middle School 150 West Bridge Street	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kaufman Development 30 Warren St	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Matrka Deconstruction 7178 scioto rd	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
McCloy Financial Services 921 Chatham Lane, Suite 300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MWH Global 1801 Watermark Dr. Ste 220	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oakwood Management 6950-A Americana Parkway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Olde Sawmill Elementary School 2485 Olde Sawmill Blvd	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oxford Training and Enrichment Center 6065 Glick Rd.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Re Work Concepts 6447 Sharon Woods Blvd	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Install a cistern or rain barrel to catch rainwater, and use it to water landscaped areas	Install a rain garden	Redirect downspouts towards landscaped areas where possible	Remove hardscape and install permeable paving, such as porous concrete or porous pavers.
Reddy or Knot Design 2756 Edgewood Road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restoration Solutions LLC 7529 Mountain Park Dr	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Riverside Elementary School 3260 Riverside Green Drive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scottish Corners Elementary School 5950 Sells Mills Drive	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Select Services Property Solutions, LLC 3080 Scioto Darby Executive Ct.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharon Woods Metro Park 6911 Cleveland Ave.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ShredMark, Ltd. 790 East Markison Ave.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T&M Associates 100 East Campus View Blvd., Suite 250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Dawes Arboretum 7770 Jacksontown Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Lamp Shade 990 N. High St.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TrashCab LLC 955 Checkrein Ave	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WastePoint, Inc. P.O. Box 91231	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weldon 3656 Paragon Drive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Williams Creek Consulting, Inc. 247 East Livingston Ave, Suite B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Williard Grizzell Middle School 8705 Avery Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Install a
barrel to catch
rainwater, and use it to
water landscaped areas

Install a
rain
garden

Redirect downspouts
towards landscaped
areas where possible

Remove hardscape &
install permeable paving,
such as porous concrete or
porous pavers.

Wyandot Elementary School

5620 Dublinshire Drive



59 Records From 01-Jan-2012 Through 31-Dec-2012

Zonders, George J.

From: City Council
Sent: Wednesday, January 04, 2012 5:02 PM
To: *Columbus Email Users; *Columbus Email (Muni Court Notifications); *Columbus Email (PoliceNet notifications)
Subject: 2012 City Council Meeting Schedule (subject to change)

TENTATIVE
SCHEDULE OF CITY COUNCIL MEETINGS FOR 2012

1/03/12 Reorganization Mtg.#1 5:00 p.m. (NO LEGISLATION)
1/09/12 Reg.Mtg.#2, 5:00 p.m.
1/16/12 NO MEETING - MARTIN LUTHER KING DAY
1/23/12 Reg.Mtg.#3 & 4, 5:00 & 6:30 p.m.
1/30/12 Reg.Mtg.#5 & 6, 5:00 & 6:30 p.m.
2/06/12 Reg.Mtg.#7 & 8, 5:00 & 6:30 p.m.
2/13/12 Reg.Mtg.#9 & 10, 5:00 & 6:30 p.m.
2/20/12 NO MEETING - PRESIDENT'S DAY
2/27/12 Reg.Mtg.#11 & 12, 5:00 & 6:30 p.m.
3/05/12 Reg.Mtg.#13 & 14, 5:00 & 6:30 p.m.
3/12/12 Reg.Mtg.#15 & 16, 5:00 & 6:30 p.m.
3/19/12 NO MEETING
3/26/12 Reg.Mtg.#17 & 18, 5:00 & 6:30 p.m.
4/02/12 Reg.Mtg.#19 & 20, 5:00 & 6:30 p.m.
4/09/12 NO MEETING
4/16/12 Reg.Mtg.#21 & 22, 5:00 & 6:30 p.m.
4/23/12 Reg.Mtg.#23 & 24, 5:00 & 6:30 p.m.
4/30/12 Reg.Mtg.#25 & 26, 5:00 & 6:30 p.m.
5/07/12 Reg.Mtg.#27 & 28, 5:00 & 6:30 p.m.
5/14/12 Reg.Mtg.#29 & 30, 5:00 & 6:30 p.m.
5/21/12 Reg.Mtg.#31 & 32, 5:00 & 6:30 p.m.
5/28/12 NO MEETING - MEMORIAL DAY.
6/04/12 Reg.Mtg.#33 & 34, 5:00 & 6:30 p.m.
6/11/12 Reg.Mtg.#35 & 36, 5:00 & 6:30 p.m.
6/18/12 Reg.Mtg.#37 & 38, 5:00 & 6:30 p.m.
6/25/12 Reg.Mtg.#39 & 40, 5:00 & 6:30 p.m.
7/02/12 NO MEETING
7/09/12 Reg.Mtg.#41 & 42, 5:00 & 6:30 p.m.
7/16/12 Reg.Mtg.#43 & 44, 5:00 & 6:30 p.m.
7/23/12 Reg.Mtg.#45 & 46, 5:00 & 6:30 p.m.
7/30/12 Reg.Mtg.#47 & 48, 5:00 & 6:30 p.m.
AUGUST - RECESS
9/03/12 NO MEETING - LABOR DAY
9/10/12 Reg.Mtg.#49 & 50, 5:00 & 6:30 p.m.
9/17/12 NO MEETING - ROSH HASHANAH
9/24/12 Reg.Mtg.#51 & 52, 5:00 & 6:30 p.m.
10/01/12 Reg.Mtg.#53 & 54, 5:00 & 6:30 p.m.
10/08/12 NO MEETING - COLUMBUS DAY
10/15/12 Reg.Mtg.#55 & 56, 5:00 & 6:30 p.m.
10/22/12 Reg.Mtg.#57 & 58, 5:00 & 6:30 p.m.
10/29/12 Reg.Mtg.#59 & 60, 5:00 & 6:30 p.m.
11/05/12 Reg.Mtg.#61 & 62, 5:00 & 6:30 p.m.
11/12/12 Reg.Mtg.#63 & 64, 5:00 & 6:30 p.m.
11/19/12 Reg.Mtg.#65 & 66, 5:00 & 6:30 p.m.
11/26/12 NO MEETING
12/03/12 Reg.Mtg.#67 & 68, 5:00 & 6:30 p.m.
12/10/12 Reg.Mtg.#69 & 70, 5:00 & 6:30 p.m.

12/17/12
12/24/12
12/31/12

Reg.Mtg.#71 & 72, 5:00 & 6:30 p.m.
NO MEETING – HOLIDAY RECESS
NO MEETING – HOLIDAY RECESS

****SUBJECT TO CHANGE****

**Addresses of Home Septic Systems
Known to Discharge to
the City of Columbus MS4
December 31, 2012**

ADDRESS	SIZE (in.)	MATERIAL	CONFIGUTATION
1001 MEEKLYN DR	18	CONCRETE	CIRCULAR
1114 WOODLAND AVE	60	CONCRETE	CIRCULAR
1181 REFUGEE RD	12	CLAY	CIRCULAR
1271 SOUTHPORT CIR	12	CONCRETE	CIRCULAR
1290 NORTHPORT CIR	18	CLAY	CIRCULAR
1301 SOUTHPORT DR	12	CMP	CIRCULAR
1315 SOUTHPORT DR	12	HDPE	CIRCULAR
1328 NORTHPORT DR	12	CLAY	CIRCULAR
1355 SOUTHPORT DR	12	CONCRETE	CIRCULAR
1379 SOUTHPORT DR	12	CONCRETE	CIRCULAR
1388 PORTAGE DR	8	CLAY	CIRCULAR
1390 SOUTHPORT DR	10	CLAY	CIRCULAR
1400 NORTHPORT DR	12	CLAY	CIRCULAR
1575 WEST CASE RD	0		CHANNEL
1582 STUDER AVE	12	CONCRETE	CIRCULAR
1584 ZETTLER RD	12	CONCRETE	CIRCULAR
1593 WEST CASE RD	0		CHANNEL
1712 BARNETT RD	24	CONCRETE	CIRCULAR
1715 E 24TH AVE	12	CONCRETE	CIRCULAR
1828 SNOUFFER RD	15	CLAY	CIRCULAR
1855 SNOUFFER RD	15	HDPE	CIRCULAR
1865 SNOUFFER RD	10	CLAY	CIRCULAR
1867 SNOUFFER RD	15	HDPE	CIRCULAR
1871 SNOUFFER RD	15	HDPE	CIRCULAR
1891 SNOUFFER RD	12	HDPE	CIRCULAR
1907 SNOUFFER RD	12	HDPE	CIRCULAR
1920 WILLIAMS RD	12	CONCRETE	CIRCULAR
1992 BROWN RD	10	PVC	CIRCULAR
2066 PARKWOOD AVE	48	CONCRETE	CIRCULAR
2101 WOODWARD AVE	8	CLAY	CIRCULAR
2155 DUBLIN RD	10	CMP	CIRCULAR
2206 WOODWARD AVE	24	CONCRETE	CIRCULAR
2221 WATKINS RD	8	CLAY	CIRCULAR
2225 MCKINLEY AVE	18	CONCRETE	CIRCULAR
2300 SUNBURY RD	18	CONCRETE	CIRCULAR
2322 SUNBURY RD	12	CONCRETE	CIRCULAR
2363 STRIMPLE AVE	24	CONCRETE	CIRCULAR
2374 SUNBURY RD	12	CONCRETE	CIRCULAR
2385 STELZER RD	21	CONCRETE	CIRCULAR
2390 KILBOURNE AVE	24	CONCRETE	CIRCULAR
2445 BROOKLYN RD	15	CONCRETE	CIRCULAR
2460 N CASSADY AVE	12	CONCRETE	CIRCULAR
2590 BRIGGS RD	12	PVC	CIRCULAR
2626 FISHER RD	24	CONCRETE	CIRCULAR
2640 MCCUTCHEON RD	8	CLAY	CIRCULAR
2646 MCCUTCHEON RD	8	CLAY	CIRCULAR
2654 MCCUTCHEON RD	8	CLAY	CIRCULAR
2665 SPANGLER RD	24	CONCRETE	CIRCULAR

**Addresses of Home Septic Systems
Known to Discharge to
the City of Columbus MS4
December 31, 2012**

ADDRESS	SIZE (in.)	MATERIAL	CONFIGUTATION
2688 MCCUTCHEON RD	8	CLAY	CIRCULAR
2699 S HIGH ST	24	CONCRETE	CIRCULAR
2700 AGLER RD	8	CONCRETE	CIRCULAR
2710 MCCUTCHEON RD	8	CLAY	CIRCULAR
2862 JOHNSTOWN RD (2)	12	CONCRETE	CIRCULAR
2878 INNIS RD	15	CLAY	CIRCULAR
2900 INNIS RD	18	CONCRETE	CIRCULAR
3078 LEWIS RD	30	CONCRETE	CIRCULAR
3215 E DESHLER AVE	42	CONCRETE	CIRCULAR
3237 E DESHLER AVE	42	CONCRETE	CIRCULAR
3300 LOCKBOURNE RD	60	CONCRETE	CIRCULAR
3375 BRIGGS RD	12	HDPE	CIRCULAR
3399 BRIGGS RD	10	HDPE	CIRCULAR
3452 PETZINGER RD	12	CONCRETE	CIRCULAR
3458 BEXVIE AVE	30	CONCRETE	CIRCULAR
3555 EL PASO DR	8	CONCRETE	CIRCULAR
3599 REFUGEE RD	42	CONCRETE	CIRCULAR
3600 FERRELL PL	12	CONCRETE	CIRCULAR
3600 SKYLINE DR	0		CHANNEL
3625 SKYLINE DR	12	CONCRETE	CIRCULAR
3677 SNOUFFER RD	0		CHANNEL
3712 BEHM RD	8	CONCRETE	CIRCULAR
3750 BEHM RD	8	CLAY	CIRCULAR
3992 SUNBURY RD	10	CONCRETE	CIRCULAR
406-420 MORRISON RD	0		CHANNEL
4495 CLEVELAND AVE	24	CONCRETE	CIRCULAR
4624 GENDER RD	12	CONCRETE	CIRCULAR
4699 TRABUE RD	0		CHANNEL
4820 KENNY RD	60	CONCRETE	CIRCULAR
4832 KENNY RD	60	CONCRETE	CIRCULAR
4927 POSTLEWAITE RD	12	CONCRETE	CIRCULAR
5132 N HIGH ST	21	CONCRETE	CIRCULAR
6033 REFUGEE RD	6	PVC	CIRCULAR
6700 SKYLINE DR	6	CLAY	CIRCULAR
6723 SKYLINE DR	15	CONCRETE	CIRCULAR
6788 SKYLINE DR	12	CLAY	CIRCULAR
6847 SMOKY ROW RD	24	CONCRETE	CIRCULAR
6883 LINWORTH RD	24	CMP	CIRCULAR
885 MEEKLYNN DR	8	PVC	CIRCULAR
945 SAFIN RD	10	CONCRETE	CIRCULAR
949 MEEKLYNN DR	12	CONCRETE	CIRCULAR
975 SAFIN RD	8	CLAY	CIRCULAR

City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
1/20/2012	Forrester University	5 Steps to Creating a Successful Stormwater Public Outreach Campaign	1	PE, PI
2/8/2012	Malcolm Pirnie	Unconventional Oil and Gas Production Water Management	1	IDDE
2/9/2012	Citywide Office of Training and Development	Citywide Orientation	43	GH
2/14/2012	Columbus Stormwater Section - Internal Training	In-house sampling training	4	IDDE
2/16/2012	Forester University - Webcast Series	ABCs of BMPs: Buttoning Up Large	1	
2/24/12	Ohio Water Environment Association	Nutrient Standards - Where Will They Land?	1	PD
2/28/2012	Franklin Soil and Water Conservation District	Central Ohio Stormwater and Erosion Control Expo	10	CP, PC
2/28/12	Recreation and Parks Dept., Maintenance/Forestry Divisions	SWPPP Training at 11 city-operated park maintenance facilities and 6 city-operated golf courses	76	GH
03/01/12	Ohio Water Environment Association	2012 Government Affairs Workshop	1	PE
3/14/2012 3/15/2012	Ohio County Engineers Association	Storm Water Management and Drainage Conference and Trade Show	3	CP, PC
3/21/2012	Storm Water Solutions virtual EXPO	BMPs - BEST MANAGEMENT Practices - Moderated Discussion Session	4	PC
3/21/2012	Storm Water Solutions virtual EXPO	LOW IMPACT DEVELOPMENT - Moderated Discussion Session	4	PC
3/21/2012	Storm Water Solutions virtual EXPO	Storm Water Post-Construction BMP Evaluation	4	PC

**City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary**

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
3/21/2012	Storm Water Solutions virtual EXPO	TRACK-OUT: Constructions Most Common & Costly BMP Violation	4	CP, PC
3/21/2012	Storm Water Solutions virtual EXPO	Understanding EPA's NPDES MS4 Permit Program	5	PC
3/22/2012	KLEMA Environmental Solutions	Environmental Law Enforcement Workshop	2	IDDE
4/5/2012	Ohio Water Environment Association	From Grey to Green and Everything in Between	1	PC
4/5/2012	Ohio Water Environment Association	Impl. Of a Regional Watershed Stm Management Prog.	2	PD
4/5/2012	Ohio Water Environment Association	Ohio's Water Qual. Standard and the TMDL Process	2	PD
4/5/2012	Ohio Water Environment Association	Planning Green Infrastructure Implementation	1	PC
4/5/2012	Ohio Water Environment Association	Watershed 101: Approach to Achiev. Water Res Goals	2	PD
4/12/2012	Ohio Water Environment Association	Philadelphia's Green City, Clean Water	1	PD, PE
4/13/2012 4/15/2012 4/18/2012	Forester University	Sediment and Erosion Control - Master Class. Evaluating Erosion, Sediment and Sedimentation. Designing Effective Sediment Containment Systems. Limitations of Commonly Found Construction Site Sediment Control BMP's	1	CP
4/19/2012	Citywide Office of Training and Development	Citywide Orientation	42	GH
04/24/12	Department of Public Utilities - Webinar	Philadelphia, Green City	1	PC
5/8/2012	Department of Public Utilities	Columbus Water Festival	4	PI

**City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary**

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
5/16/2012	Contech	Erosion Control and Hard Armor Technical Seminar	2	CP
5/31/2012, 6/14/2012	US EPA Stormwater Pollution Prevention Webinar Series	Stormwater, Coal-Tar Sealcoat, and Polycyclic Aromatic Hydrocarbons (PAHs)	3	IDDE, IF
6/14/2012	Citywide Office of Training and Development	Citywide Orientation	44	GH
6/20/2012	Columbus Stormwater Section - Internal Training	In house sampling training	4	IDDE
6/21/2012	American Public Works Association	Pervious Pavement	1	PC
6/28/2012	Water & Wastes Digest, Clean Water America Alliance	Philadelphia's "Green City, Clean Waters" Program-Implementing The Nations Most Comprehensive Green Stormwater	1	PC
7/2/2012	Fondreist, Inc.	YSI Multimeter Training	6	IDDE
7/6/12	Department of Finance, Fleet Maintenance Division	SWPPP Training for City Fleet Maintenance staff	3	GH
7/10/2012	U.S. EPA Watershed Academy Webcasts	USDA's National Water Quality Initiative	1	PE
7/25/2012	Ohio Water Environment Association	Thinking Outside the Pipe: Green Infrastructure on the Fresh Coast	2	PC
8/3/2012	Bunyan Industries	BIRD Pervious Pavement Sweeping Demo	4	PC
8/9/2012	Citywide Office of Training and Development	Citywide Orientation	41	GH
8/22/2012	American Water Works Association	Social Media Tools for Utilities	1	PE, PI
8/23/2012	Columbus Stormwater Section - Internal Training	In house training - Wet Weather	6	WWM

**City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary**

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
9/5/2012	Water Environment Federation - Webcast	Method Update Rule- What's New	3	WWM
9/12/2012	City of Columbus, Department of Public Utilities	Blogging, Content Curation and Online Presence Best Practices	1	PE, PI
09/19/12	Franklin Soil and Water Conservation District	Get the Dirt Out of Stormwater	1	CP
9/25/2012	KLEMA Environmental Solutions	Environmental Law Enforcement Training	3	IDDE
10/1/2012	Sustainable City Network	Growing Sustainable Cities Conference (Community Engagement Track)	1	PE, PI
10/10/12, 10/11/12	City of Columbus	5 Cities Plus Conference	3	PD, PC
10/15/12	U.S. Water Alliance	Urban Water Sustainability Leadership Conference	1	PC
10/17/2012	Water Environment Research Foundation	WERF Graywater Reuse for Irrigation	2	PE, IDDE
10/18/2012	Citywide Office of Training and Development	Citywide Orientation	50	GH
10/24/2012	Ohio Department of Natural Resources	Central Ohio Stormwater Roundtable	2	PE, PC
10/31/2012	National Biosolids Partnership (NBP)	NBP Webcast: Biosolids 101 Fundamentals of Practice	1	IF
11/7/2012	Operator Training Committee of Ohio	OEPA Wastewater Collection Class I Test	1	IDDE
11/14/2012	ARCADIS	All I want is Stormwater – No Illicit Discharges Allowed	5	IDDE
11/14/2012 11/15/2012	Watershed Managers Association of Ohio	Fall water management conference	1	PC
11/19/2012	URS Consultants	Green Infrastructure Practices Lessons Learned by URS on related projects	3	PC
11/20/2012	Site Supply, Inc.	Permeable Articulated Concrete Block/Mat & Tufftrack Grass Pavers	2	PC

**City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary**

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
12/6/2012	Ohio Department of Transportation, Ohio Department of Natural Resources	Runoff Reduction Method	3	PC
12/13/2012	Citywide Office of Training and Development	Citywide Orientation	53	GH
12/20/2012	Columbus Stormwater Section - Internal Training	In house sampling training	5	IDDE
10/10/2012 11/07/2012 12/12/2012	National Association of Clean Water Agencies	NACWA Webcast series for Various Social Medias	1	PE, PI
Various	Department of Finance, Building Maintenance Division	SWPPP Training for City Building and Grounds Maintenance staff	57	GH
Various	Department of Public Safety, Division of Fire	SWPPP Training at 35 fire stations and training facilities	430	GH
Various	Department of Public Safety, Division of Police	SWPPP Training at 4 police facilities	9	GH
Various	Department of Public Utilities, Division of Power and Water	SWPPP Training at 3 water treatment plants, 910 Dublin Rd. facility, and 3500/3568 Indianola Ave. facility	105	GH
Various	Department of Public Utilities, Division of Sewerage and Drainage	SWPPP Training at 2 wastewater treatment plants, the 7000 Jackson Pike compost facility, and 1250 Fairwood Ave. sewer maintenance facility	282	GH
Various	Department of Public Service, Division of Refuse	SWPPP Training at 3 city-operated refuse collection facilities	133	GH
Various	Department of Public Service, Transportation Division	SWPPP and Snow Removal Training for 6 transportation maintenance facilities	146	GH

**City of Columbus
Stormwater Water Management Program
2012 Employee Training Summary**

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
<p>*Program Element Legend: PD - Program Development PI - Public Involvement IDDE - Illicit Discharge Detection/Elimination PE - Public Education and Outreach CP - Construction Program PC - Post Construction GH - Good Housekeeping</p>				

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0001T0001	3/29/2012					0							
0001T0018	9/7/2012					0							
0001T0156	11/16/2012					0							
0001T0169	11/16/2012	Clear	None	Clear	No	N/M	7.8	13	0	0	0	.1	.25
0001T1343	11/16/2012					0							
0001T2945	11/16/2012					0							
0002T2570	5/30/2012					0							
0002T2842	5/30/2012					0							
0002T2843	5/30/2012					0							
0002T2844	5/30/2012					0							
0002T3004	5/30/2012					0							
0006T0026	4/12/2012					0							
0006T0087	9/7/2012					0							
0006T0090	9/7/2012					0							
0006T0099	9/7/2012					0							
0006T0133	3/29/2012					0							
0006T0143	3/29/2012					0							
0006T0152	3/29/2012					0							
0006T0361	4/12/2012					0							
0006T0362	4/12/2012					0							
0006T0407	3/7/2012					0							
0006T0489	3/28/2012					0							
0006T0526	4/12/2012					0							
0006T0546	9/7/2012					0							
0006T1003	3/29/2012					0							
0009T0082	5/30/2012					0							
0009T0117	9/12/2012					0							
0009T0138	9/6/2012					0							
0009T0196	9/13/2012					0							
0009T0197	9/13/2012					0							
0009T0209	9/13/2012					0							
0009T0280	9/12/2012					0							
0009T0314	9/5/2012					0							
0009T0336	9/12/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0009T0338	9/12/2012					0							
0009T0339	9/12/2012					0							
0009T0342	9/12/2012					0							
0009T0353	9/12/2012					0							
0009T0360	9/12/2012					0							
0009T0365	9/12/2012					0							
0009T0366	9/12/2012					0							
0009T0527	9/12/2012					0							
0009T0529	3/8/2012					0							
0009T0551	5/30/2012					0							
0009T0646	3/8/2012					0							
0009T0872	9/13/2012					0							
0009T0889	9/12/2012					0							
0009T0898	9/6/2012					0							
0009T0904	9/12/2012					0							
0009T0952	9/13/2012					0							
0010T0068	9/13/2012					0							
0010T0119	9/13/2012					0							
0010T0150	9/13/2012					0							
0010T0271	9/13/2012					0							
0010T0396	11/5/2012					0							
0010T0397	11/5/2012					0							
0010T0403	11/5/2012					0							
0010T0414	11/5/2012					0							
0010T0419	9/13/2012					0							
0010T0466	11/6/2012					0							
0010T0467	11/5/2012	Clear	None	Clear	No	N/M	7.4	17	0	0	0	0	.25
0010T0599	11/5/2012					0							
0010T0705	9/13/2012					0							
0010T0843	9/13/2012					0							
0018T0729	4/12/2012	Clear	None	Clear	No	.15	6.9	10	0	0	0	0	0
0018T1005	4/12/2012					0							
0019T0007	4/12/2012					0							
0019T0169	4/12/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0019T0317	4/11/2012					0							
0020T0018	4/11/2012					0							
0020T0022	4/11/2012					0							
0021T0410	4/11/2012					0							
0024T0127	6/5/2012					0							
0024T0134	5/23/2012					0							
0024T0332	6/5/2012					0							
0024T0343	5/23/2012					0							
0024T0360	6/5/2012	Clear	None	Clear	No	N/M	8.0	19	0	0	0	0	.25
0024T0380	6/5/2012					0							
0024T0382	6/5/2012					0							
0024T0407	6/5/2012	Clear	None	Clear	No	N/M	7.9	20	0	0	0	.1	.0
0024T0408	6/5/2012					0							
0024T0413	6/5/2012					0							
0024T0436	5/23/2012					0							
0024T0467	5/23/2012					0							
0024T0554	9/12/2012					0							
0024T0588	5/23/2012					0							
0026T0801	3/7/2012					0							
0026T0855	3/7/2012	Clear	None	Clear	No	N/M	8.2	10	0	0	.1	.1	0
0027T000A	9/13/2012	Clear	None	Clear	No	N/M	7.4	21	0	0	0	.1	0
0027T0242	9/13/2012					0							
0027T0261	9/13/2012					0							
0027T0275	9/13/2012	Clear	None	Clear	No	N/M	8	21	0	0	0	0	0
0027T0298	9/17/2012	Clear	None	Clear	No	.1	7.4	17	0	0	0	0	0
0027T0317	9/13/2012					0							
0027T0932	9/13/2012	Clear	None	Clear	No	N/M	7.2	20	0	0	0	.3	0
0027T0980	9/13/2012					0							
0027T1054	9/17/2012					0							
0027T1236	9/17/2012					0							
0027T1345	9/13/2012					0							
0027T1392	9/13/2012					0							
0027T1403	9/7/2012					0							
0027T1484	9/13/2012	Clear	None	Clear	No	N/M	7.4	20	0	0	0	.1	0

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0031T0706	10/12/2012					0							
0031T0737	10/12/2012					0							
0033T0499	11/19/2012	Cloudy	None	Cloudy	No	N/M	8.3	11	0	0	.4	.4	0
0033T0500	11/19/2012					0							
0033T0614	9/7/2012					0							
0033T1417	11/8/2012					0							
0035T0609	11/28/2012					0							
0035T0844	11/28/2012					0							
0035T0853	11/28/2012					0							
0035T1046	11/28/2012					0							
0037T0357	12/20/2012					0							
0037T0535	12/13/2012					0							
0038T0040	2/28/2012					0							
0038T0402	12/20/2012					0							
0038T0501	2/2/2012	Clear	None	Clear	No	.3	7.8	16	0	0	0	.01	0
0040T0055	3/29/2012					0							
0040T0076	3/6/2012					0							
0040T0193	3/29/2012					0							
0041T0188	4/11/2012					0							
0042T0078	3/5/2012	Clear	None	Clear	No	.1	8.2	6	0	0	0	0	0
0042T0096	3/5/2012					0							
0042T0097	3/5/2012					0							
0042T0214	3/5/2012					0							
0042T0286	2/7/2012					0							
0042T0291	2/7/2012					0							
0042T0385	5/15/2012					0							
0042T0486	3/5/2012	Clear	None	Clear	No	.4	7.9	6	0	0	.6	0	0
0042T0525	5/21/2012					0							
0042T0532	5/16/2012	Clear	None	Clear	No	.1	8.1	16	0	0	0	.1	0
0043T0119	3/5/2012					0							
0043T1057	3/5/2012					0							
0043T1283	3/5/2012					0							
0043T1362	3/5/2012	Clear	None	Clear	No	.12	7.8	7	0	0	0	0	.25
0044T0566	3/5/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0044T0659	3/5/2012	Clear	None	Clear	No	N/M	8.2	7	0	0	0	0	.25
0044T0878	3/5/2012	Clear	None	Clear	No	.3	7.8	7	0	0	0	.6	.25
0044T1438	3/5/2012	Clear	None	Clear	No	.26	7.9	8	0	0	0	0	0
0046T0339	11/27/2012					0							
0046T0436	3/15/2012					0							
0046T0439	11/27/2012					0							
0046T0440	11/27/2012					0							
0046T0445	11/27/2012					0							
0046T1019	11/27/2012					0							
0048T0048	10/17/2012					0							
0048T0054	6/8/2012					0							
0048T0066	6/5/2012	Clear	None	Clear	No	N/M	8.2	17	0	0	0	.1	.25
0048T0237	12/20/2012					0							
0048T0254	6/8/2012					0							
0048T0260	6/8/2012					0							
0048T0338	12/20/2012					0							
0048T0361	12/20/2012					0							
0048T0371	6/8/2012					0							
0048T0400	6/8/2012					0							
0048T0445	6/5/2012					0							
0048T0526	6/14/2012	Clear	None	Clear	No	.1	7.9	18	0	0	0	0	.25
0049T0365	6/8/2012					0							
0049T0377	9/24/2012					0							
0049T0379	9/24/2012					0							
0049T0389	9/24/2012	Clear	None	Clear	No	.37	7.6	19	0	0	0	.4	0
0049T0510	9/24/2012					0							
0051T0548	3/7/2012	Clear	None	Clear	No	N/M	8.2	10	0	0	0	.1	0
0052T0282	5/30/2012	Clear	None	Clear	No	N/M	7.2	21	0	0	0	.1	.25
0052T0429	5/23/2012					0							
0052T0437	5/23/2012					0							
0052T0438	5/23/2012					0							
0052T0440	5/23/2012	Clear	None	Clear	No	.96	8.0	18	0	0	0	.8	0
0052T0454	9/17/2012					0							
0052T0560	9/17/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0052T1000	9/24/2012					0							
0052T1010	9/17/2012					0							
0052T1222	9/24/2012					0							
0055T0468	10/11/2012					0							
0055T1056	10/11/2012					0							
0055T1742	10/11/2012					0							
0056T0177	8/6/2012					0							
0056T0179	8/6/2012					0							
0056T0260	8/6/2012	Clear	None	Clear	No	N/M	7.6	20	0	0	0	.4	.25
0056T0262	10/17/2012					0							
0056T0279	2/23/2012					0							
0056T0282	2/23/2012					0							
0056T0310	8/6/2012					0							
0056T0328	8/21/2012					0							
0056T0344	2/23/2012	Clear	None	Clear	No	.1	7.9	6	0	0	0	.1	0
0056T0390	10/17/2012					0							
0056T0440	2/23/2012					0							
0056T0525	10/11/2012					0							
0056T0549	8/21/2012					0							
0056T0565	8/21/2012					0							
0056T0660	8/6/2012	Clear	None	Clear	No	.18	8.0	24	0	0	.4	0	0
0056T0684	2/23/2012	Clear	None	Clear	No	.95	8.0	7	0	0	.6	0	.25
0057T0022	10/11/2012					0							
0057T0031	10/11/2012					0							
0057T0096	10/10/2012					0							
0057T0192	10/11/2012					0							
0057T0197	10/11/2012					0							
0057T0205	10/10/2012					0							
0057T0209	10/10/2012					0							
0057T0401	2/7/2012					0							
0057T0420	10/9/2012					0							
0057T0425	9/17/2012					0							
0057T0450	10/10/2012					0							
0057T0635	11/15/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0057T0713	8/21/2012					0							
0058T0138	10/11/2012					0							
0058T0152	9/7/2012					0							
0058T0203	9/17/2012	Clear	None	Clear	No	.1	8.1	20	0	0	.1	.1	.25
0058T0273	10/9/2012					0							
0058T0320	2/7/2012	Clear	None	Clear	No	.6	7.8	11	0	0	0	.01	0
0058T0328	9/17/2012					0							
0058T0337	10/9/2012					0							
0058T0342	9/17/2012					0							
0058T0349	9/7/2012					0							
0058T0469	10/9/2012					0							
0058T0473	10/11/2012					0							
0058T0498	10/11/2012					0							
0058T0513	10/11/2012					0							
0058T0514	10/11/2012					0							
0058T0539	9/17/2012					0							
0058T0541	9/17/2012					0							
0058T0659	10/9/2012					0							
0059T0054	9/7/2012					0							
0059T0055	9/7/2012	Clear	None	Clear	No	N/M	7.7	22	0	0	0	.2	0
0059T0108	9/17/2012					0							
0059T0209	9/17/2012					0							
0059T0214	9/17/2012					0							
0059T0223	9/17/2012					0							
0059T0229	2/2/2012	Clear	None	Clear	No	.3	7.8	15	0	0	0	0	0
0059T0247	9/17/2012					0							
0059T0380	10/9/2012					0							
0060T0062	9/7/2012	Clear	None	Clear	No	.2	7.2	20	0	0	0	.6	.25
0061T0013	11/16/2012					0							
0061T0086	11/16/2012	Clear	None	Clear	No	N/M	8.0	13	0	0	0	.4	0
0061T0115	11/16/2012	Clear	None	Clear	No	.3	8.2	13	0	0	0	.4	.25
0061T0119	11/16/2012					0							
0061T0184	11/16/2012					0							
0061T0198	11/16/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0061T0243	11/16/2012					0							
0062T0160	2/28/2012					0							
0062T0295	5/29/2012					0							
0062T0349	5/29/2012					0							
0062T0504	5/29/2012					0							
0062T0505	5/29/2012					0							
0063T0160	12/17/2012					0							
0063T0239	5/29/2012					0							
0064T0070	12/17/2012					0							
0064T0348	12/17/2012					0							
0064T0554	11/28/2012					0							
0066T0494	12/13/2012					0							
0067T0422	2/3/2012					0							
0067T0495	2/3/2012					0							
0067T0616	12/13/2012					0							
0067T0850	12/13/2012					0							
0067T0920	2/29/2012					0							
0068T0009	4/9/2012	Clear	None	Clear	No	N/M	7.5	10	0	0	0	0	0
0068T0259	3/30/2012					0							
0068T0434	3/28/2012					0							
0068T0587	3/28/2012					0							
0068T0841	3/28/2012					0							
0068T0894	3/30/2012					0							
0069T0022	3/6/2012					0							
0069T0085	4/9/2012					0							
0069T0159	4/9/2012					0							
0070T0072	4/11/2012					0							
0070T0105	4/9/2012					0							
0070T0124	4/17/2012					0							
0071T0036	5/15/2012					0							
0071T0038	5/14/2012					0							
0071T0149	5/17/2012					0							
0071T0239	5/14/2012					0							
0071T0367	5/15/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0071T0405	5/15/2012					0							
0071T0455	5/17/2012					0							
0071T0480	5/16/2012					0							
0071T0495	5/15/2012					0							
0071T0568	5/17/2012					0							
0071T0578	5/16/2012					0							
0071T0583	2/7/2012					0							
0071T0717	5/17/2012					0							
0071T0733	5/14/2012					0							
0071T0770	4/11/2012					0							
0072T0346	5/14/2012					0							
0072T0432	5/16/2012	Clear	None	Clear	No	.2	6.8	13	0	0	0	.1	.25
0072T0433	5/14/2012	Clear	None	Clear	No	.1	6.8	13	0	0	0	.01	0
0072T0445	5/17/2012					0							
0072T0452	5/14/2012					0							
0073T0133	5/15/2012					0							
0073T0143	5/15/2012	Clear	None	Clear	No	N/M	6.9	16	0	0	0	.1	.25
0073T0290	5/14/2012					0							
0073T0307	5/14/2012					0							
0073T0473	5/15/2012					0							
0073T0522	5/16/2012					0							
0073T0529	5/16/2012					0							
0073T0539	5/16/2012					0							
0077T0161	4/17/2012					0							
0077T0278	4/19/2012					0							
0077T0358	4/19/2012					0							
0077T0507	4/17/2012	Clear	None	Clear	No	.1	7	13	0	0	0	.1	.25
0077T0815	4/17/2012					0							
0078T0171	12/24/2012	Clear	None	Clear	No	.1	6.7	3	0	0	0	.2	.25
0078T0197	12/24/2012					0							
0078T0204	12/24/2012					0							
0079T0124	12/20/2012					0							
0079T0188	6/8/2012					0							
0080T0017	11/6/2012	Clear	None	Clear	No	N/M	7.6	10	0	0	0	0	.25

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0080T0018	11/6/2012					0							
0080T0093	9/24/2012					0							
0080T0095	9/24/2012					0							
0080T0185	6/8/2012					0							
0080T0230	8/24/2012					0							
0081T0108	9/24/2012					0							
0081T0111	10/17/2012					N/M						10+	
0085T0115	9/20/2012					0							
0085T0124	9/20/2012					0							
0085T0125	9/20/2012					0							
0085T0176	9/17/2012					0							
0085T0796	3/7/2012	Clear	None	Clear	No	.1	8.3	10	0	0	0	.1	0
0085T0801	3/7/2012					0							
0085T0803	3/7/2012					0							
0085T0819	9/24/2012					0							
0085T0827	3/7/2012					0							
0085T0852	9/20/2012	Clear	None	Clear	No	N/M	7.8	18	0	0	0	.1	0
0086T0161	9/17/2012	Clear	None	Clear	No	.4	7.8	19	0	0	0	.1	0
0086T0249	9/17/2012					0							
0086T0375	5/30/2012					0							
0086T0742	9/21/2012					0							
0086T0806	9/20/2012					0							
0089T0213	11/9/2012					0							
0089T0371	11/5/2012					0							
0089T0372	11/5/2012					0							
0089T0403	9/25/2012					0							
0089T0409	11/5/2012					0							
0089T0485	8/21/2012					0							
0089T0486	8/21/2012					0							
0089T0487	8/6/2012					0							
0089T0498	11/15/2012	Clear	None	Clear	No	N/M	8.3	11	0	0	0	.2	.25
0089T0499	10/17/2012					0							
0089T0644	8/21/2012					0							
0089T0849	8/6/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0089T0852	8/6/2012					0							
0089T0923	10/17/2012					0							
0089T0963	8/6/2012					0							
0089T1038	8/6/2012					0							
0089T1059	8/21/2012					0							
0089T1063	8/21/2012					0							
0089T1111	8/6/2012					0							
0089T1120	8/21/2012					0							
0090T0049	10/17/2012					0							
0090T0197	8/21/2012					0							
0090T0263	9/25/2012					0							
0090T0394	10/17/2012					0							
0090T0463	8/21/2012					0							
0090T0483	8/21/2012					0							
0090T0561	10/17/2012					0							
0090T0562	9/25/2012					0							
0090T0637	9/25/2012					0							
0091T0001	5/21/2012					0							
0091T000A	5/21/2012					0							
0091T0233	5/21/2012					0							
0091T0404	5/21/2012					0							
0091T0651	5/21/2012	Clear	None	Clear	No	.1	7.4	14	0	0	0	.4	.25
0091T0652	5/21/2012	Clear	None	Clear	No	.1	7.2	13	0	0	0	.3	0
0092T0147	8/16/2012					0							
0092T0165	11/6/2012					0							
0092T0169	11/6/2012					0							
0092T0347	10/9/2012					0							
0092T0351	10/9/2012					0							
0093T0322	10/9/2012					0							
0093T0704	11/6/2012					0							
0094T0550	11/15/2012	Clear	None	Clear	No	.1	7.9	10	0	0	0	.3	.25
0094T0603	11/15/2012	Clear	None	Clear	No	.18	8.3	11	0	0	0	.3	.25
0097T0164	5/23/2012					0							
0097T0165	5/29/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0097T0190	5/29/2012					0							
0097T0673	5/29/2012					0							
0097T0674	5/29/2012					0							
0098T0002	11/30/2012					0							
0098T0010	12/13/2012					0							
0099T0008	11/29/2012					0							
0099T0035	11/29/2012					0							
0099T0057	11/29/2012					0							
0099T0146	2/2/2012					0							
0099T0255	11/30/2012					0							
0099T0306	11/30/2012					0							
0099T0356	11/30/2012					0							
0099T0467	11/29/2012					0							
0100T0018	12/13/2012					0							
0100T0026	12/13/2012	Clear	None	Clear	No	.5	7.8	11	0	0	0	.2	0
0100T0043	11/29/2012					0							
0100T0172	11/28/2012					0							
0100T0184	11/28/2012					0							
0100T0244	5/31/2012					0							
0101T0070	5/31/2012					0							
0101T0117	5/31/2012					0							
0101T0192	5/31/2012					0							
0101T0299	5/31/2012					0							
0101T0372	5/31/2012					0							
0101T0390	5/31/2012					0							
0101T0393	5/31/2012					0							
0101T0429	5/31/2012					0							
0102T0072	12/13/2012					0							
0102T0524	5/31/2012					0							
0103T0589	12/17/2012					0							
0104T0380	12/13/2012					0							
0106T0001	3/28/2012					0							
0106T0005	3/28/2012					0							
0106T0009	3/28/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0106T000A	3/28/2012					0							
0106T0637	3/28/2012					0							
0107T000A	4/9/2012					0							
0107T0011	2/7/2012					0							
0107T0151	4/9/2012					0							
0107T0170	4/9/2012					0							
0107T0186	4/9/2012					0							
0107T0189	4/17/2012					0							
0107T0195	4/17/2012					0							
0107T0336	2/7/2012					0							
0107T0373	2/7/2012					0							
0107T0408	2/7/2012					0							
0107T0444	2/7/2012					0							
0116T0238	11/27/2012					0							
0116T0513	11/27/2012					0							
0116T0738	11/27/2012					0							
0116T0749	4/17/2012					0							
0117T0024	5/24/2012					0							
0117T0062	5/25/2012	Clear	None	Clear	No	.2	7.8	21	0	0	0	.2	.25
0117T0073	5/24/2012					0							
0117T0129	5/24/2012					0							
0117T0205	5/24/2012					0							
0117T0220	5/24/2012	Clear	None	Clear	No	N/M	8	21	0	0	0	.1	.25
0117T0228	9/11/2012	Clear	None	Clear	No	N/M	7.3	18	0	0	0	0	0
0117T0251	5/24/2012	Clear	None	Clear	No	N/M	7.9	19	0	0	0	.1	0
0117T0255	9/11/2012					0							
0117T0258	9/11/2012					0							
0117T0259	9/11/2012					0							
0117T0284	5/24/2012					0							
0117T0585	9/11/2012					0							
0118T0017	9/11/2012					0							
0118T0019	9/11/2012					0							
0118T0159	9/11/2012					0							
0118T0268	5/25/2012	Clear	None	Clear	No	.1	7.8	22	0	0	0	.2	.25

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0118T0326	5/25/2012					0							
0118T0500	9/11/2012	Clear	None	Clear	No	N/M	7.4	10	0	0	1.5	0	0
0118T0525	5/25/2012					0							
0118T0534	9/11/2012	Clear	None	Clear	No	N/M	7.6	19	0	0	1.5	0	0
0118T0688	9/11/2012					0							
0118T0800	5/25/2012					0							
0119T0023	11/8/2012					0							
0119T0071	11/6/2012					0							
0119T0091	11/6/2012					0							
0119T0105	10/11/2012					0							
0119T0106	10/11/2012					0							
0119T0218	5/25/2012					0							
0119T0225	5/25/2012					0							
0119T0313	5/25/2012					0							
0119T0314	5/25/2012					0							
0119T0333	5/25/2012					0							
0119T0338	9/11/2012					0							
0119T0362	11/6/2012					0							
0119T0455	9/11/2012					0							
0119T0458	10/11/2012					0							
0119T0466	5/25/2012					0							
0119T0691	5/25/2012					0							
0120T0026	10/12/2012					0							
0120T0027	10/12/2012					0							
0120T0036	10/12/2012					0							
0120T0041	10/12/2012					0							
0120T0042	10/12/2012					0							
0120T0067	10/12/2012					0							
0120T0071	10/12/2012					0							
0120T0102	11/6/2012					0							
0120T0113	10/12/2012					0							
0120T0128(N	11/8/2012					0							
0120T0305	11/8/2012					0							
0120T0311	10/12/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0120T0312	10/12/2012					0							
0120T0313	10/12/2012					0							
0120T0369	10/17/2012					0							
0120T0560	11/8/2012	Clear	None	Clear	No	N/M	7.9	9	0	0	0	.1	.25
0120T0596	11/8/2012	Clear	None	Clear	No	.1	7.8	9	0	0	0	.1	.25
0120T0705	11/8/2012					0							
0120T0720	10/12/2012					0							
0121T0069	11/9/2012					0							
0121T0120	11/9/2012					0							
0121T0121	11/9/2012					0							
0121T0123	11/9/2012					0							
0121T0124	11/9/2012					0							
0121T0125	11/9/2012					0							
0121T0146	11/9/2012					0							
0122T0042	11/19/2012					0							
0122T0150	11/9/2012					0							
0122T0216	11/19/2012					0							
0122T0225	11/19/2012					0							
0122T0227	11/19/2012					0							
0122T0229	11/19/2012					0							
0122T0231	11/9/2012	Clear	None	Clear	No	N/M	7.8	11	0	0	.6	0	0
0122T0276	11/19/2012					0							
0122T0280	11/19/2012					0							
0122T0325	11/9/2012					0							
0122T0349	11/29/2012					0							
0122T0354	11/29/2012					0							
0122T0407	11/19/2012					0							
0122T0410	11/19/2012					0							
0122T0412	6/21/2012					0							
0122T0419	6/21/2012					0							
0122T0423	6/21/2012					0							
0122T0429	6/21/2012					0							
0122T0441	11/9/2012					0							
0122T0444	8/24/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	CI2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0125T0260	9/24/2012					0							
0125T0334	9/21/2012					0							
0126T0233	9/21/2012	Clear	None	Clear	No	.3	7.3	17	0	0	0	.1	.25
0126T0384	5/30/2012					0							
0126T0519	5/30/2012					0							
0126T0585	5/18/2012					0							
0126T0660	5/30/2012	Clear	None	Clear	No	N/M	7	17	0	0	0	.2	0
0127T0268	8/31/2012	Clear	None	Clear	No	N/M	7.6	25	0	0	.1	.1	0
0127T0297	8/31/2012	Clear	None	Clear	No	N/M	7.6	23	0	0	.4	.1	.25
0127T0710	8/23/2012					0							
0127T0712	8/23/2012					0							
0127T0749	8/31/2012					0							
0127T0753	8/31/2012					0							
0127T0756	8/31/2012					0							
0127T0760	8/31/2012	Clear	None	Clear	No	.2	7.2	23	0	0	.8	0	0
0127T0864	8/31/2012					0							
0127T0883	8/23/2012					0							
0127T0924	8/23/2012					0							
0127T0932	8/31/2012					0							
0127T1027	8/27/2012					0							
0127T1071	8/31/2012	Clear	None	Clear	No	N/M	7.8	21	0	0	0	.1	.25
0128T0028	2/22/2012					0							
0128T0101	2/22/2012					0							
0128T0598	2/22/2012					0							
0128T0806	8/31/2012					0							
0130T0997	9/25/2012					0							
0130T0998	9/25/2012	Clear	None	Clear	No	N/M	7.8	18	0	0	.1	.1	.25
0131T0012	9/25/2012					0							
0131T0036	8/7/2012					0							
0131T0086	2/7/2012					0							
0131T0090	8/7/2012					0							
0131T0128	2/7/2012					0							
0131T0261	8/7/2012					0							
0131T0344	8/7/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0131T0380	8/7/2012					0							
0131T0441	8/7/2012					0							
0132T0212	5/21/2012					0							
0132T0596	8/16/2012					0							
0132T0799	5/21/2012	Clear	None	Clear	No	.1	7.4	15	0	0	.1	.6	.25
0132T0938	2/28/2012					0							
0133T0160	8/16/2012					0							
0135T0026	8/16/2012	Clear	None	Clear	No	.1	6.9	20	0	0	.2	.4	0
0135T0119	11/6/2012	Clear	None	Clear	No	N/M	8.3	18	0	0	0	.2	.25
0136T0073	10/1/2012					0							
0136T0110	10/1/2012					0							
0136T0111	10/1/2012					0							
0136T0129	11/6/2012					0							
0136T0414	11/6/2012					0							
0139T0442	11/6/2012					0							
0139T0601	11/6/2012	Clear	None	Clear	No	1.1	8.1	16	0	0	.1	.4	.25
0140T0189	11/6/2012					0							
0141T0475	11/29/2012					0							
0141T0877	11/30/2012					0							
0142T0023	11/29/2012					0							
0142T0052	11/29/2012					0							
0142T0140	11/30/2012					0							
0142T0166	11/30/2012					0							
0142T0329	11/30/2012					0							
0142T0427	11/30/2012					0							
0142T0428	11/30/2012					0							
0142T0571	11/29/2012					0							
0143T0055	11/30/2012					0							
0143T0090	4/18/2012					0							
0143T0127	4/18/2012					0							
0143T0344	4/18/2012					0							
0143T0345	4/18/2012					0							
0144T0030	4/18/2012					0							
0144T0061	4/18/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0144T0067	4/18/2012					0							
0144T0069	4/18/2012					0							
0144T0087	11/29/2012					0							
0144T0102	4/18/2012					0							
0144T0112	4/18/2012					0							
0145T0116	4/17/2012					0							
0145T0127	4/17/2012					0							
0145T0128	4/17/2012					0							
0145T0312	4/17/2012					0							
0145T0326	4/17/2012					0							
0145T0362	4/17/2012					0							
0145T0372	4/17/2012					0							
0146T0130	5/31/2012					0							
0147T0028	5/31/2012					0							
0147T0375	5/31/2012					0							
0148T0280	5/31/2012					0							
0151T0088	4/9/2012					0							
0157T0107	5/22/2012					0							
0159T0132	2/13/2012	Clear	None	Clear	No	.2	8.0	4	0	0	0	.2	.25
0159T0855	2/13/2012	Clear	None	Clear	No	N/M	8.2	3	0	0	.1	.2	.25
0159T0901	2/13/2012					0							
0159T0960	2/13/2012					0							
0160T0090	2/13/2012					0							
0160T0266	2/13/2012					0							
0160T0294	5/22/2012	Clear	None	Clear	No	.2	7.7	17	0	0	0	.3	.5
0160T0919	5/22/2012	Clear	None	Clear	No	.1	8.2	18	0	0	0	.1	.25
0163T0125	11/27/2012	Clear	None	Clear	No	.2	7.8	12	0	0	0	.1	.25
0164T0028	5/24/2012					0							
0164T0029	5/24/2012					0							
0164T0030	5/24/2012					0							
0165T0133	11/27/2012					0							
0165T0351	10/10/2012					0							
0165T0372	10/10/2012					0							
0165T0443	11/30/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0165T0449	10/10/2012					0							
0165T0455	10/10/2012					0							
0165T0499	11/6/2012	Clear	None	Clear	No	.14	7.8	6	0	0	0	.1	.5
0166T0039	9/11/2012					0							
0166T0041	9/11/2012	Clear	None	Clear	No	.16	7.4	19	0	0	0	.1	0
0166T0091	10/11/2012					0							
0166T0156	10/10/2012					0							
0166T0215	10/10/2012					0							
0166T0229	10/10/2012					0							
0166T0254	10/11/2012	Clear	None	Clear	No	.1	7.6	6	0	0	0	.1	.25
0166T0255	10/11/2012					0							
0166T0273	9/11/2012	Clear	None	Clear	No	N/M	7.7	19	0	0	0	0	0
0166T0670	10/10/2012					0							
0166T0714	10/11/2012					0							
0166T0755	10/10/2012					0							
0167T0044	10/12/2012					0							
0167T0121	10/9/2012					0							
0167T0164	10/9/2012					0							
0167T0172	10/11/2012					0							
0167T0276	10/9/2012	Clear	None	Clear	No	.3	8	14	0	0	0	.1	.25
0167T0280	10/10/2012					0							
0167T0313	10/9/2012					0							
0167T0321	10/9/2012					0							
0167T0669	10/11/2012					0							
0167T0738	10/10/2012					0							
0167T0778(N	10/11/2012					0							
0167T0778(S	11/30/2012					0							
0167T0841	10/10/2012					0							
0168T0024	11/28/2012					0							
0168T0031	11/29/2012					0							
0168T0038	11/29/2012					0							
0168T0042	11/29/2012					0							
0168T0047	11/29/2012	Clear	None	Clear	No	.1	7.8	8	0	0	0	.1	.25
0168T0057	11/29/2012	Clear	Other	Clear	No	.1	7.8	7	0	0	1.5	0	0.25

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0168T0065	11/29/2012					0							
0168T0159	11/8/2012					0							
0168T0228	10/17/2012					0							
0168T0231	10/17/2012					0							
0168T0242	10/9/2012					0							
0168T0244	10/9/2012					0							
0168T0282	11/9/2012					0							
0168T0296	11/29/2012					0							
0168T0567	11/8/2012	Clear	None	Clear	No	.1	7.1	10	0	0	0	.1	0
0168T0581	11/8/2012					0							
0168T0583	11/28/2012					0							
0168T0630	11/28/2012					0							
0168T0634	11/28/2012					0							
0168T0638	11/8/2012					0							
0169T0359	11/19/2012					0							
0169T0376	11/28/2012					0							
0171T0014	11/28/2012					0							
0171T0271	11/29/2012					0							
0171T0299	4/3/2012					0							
0174T0309	9/21/2012					0							
0174T0448	9/20/2012					0							
0174T0786	9/20/2012					0							
0174T0879	9/21/2012					0							
0175T0109	6/25/2012					0							
0175T0111	6/25/2012					0							
0175T0113	6/25/2012					0							
0175T0115	6/25/2012					0							
0175T0117	6/25/2012	Clear	None	Clear	No	.7	7.5	22	0	0	0	.1	0
0175T0190	5/30/2012					0							
0175T0272	8/23/2012					0							
0175T0407	8/23/2012	Clear	None	Clear	No	N/M	7.9	22	0	0	0	.1	0
0175T0436	5/18/2012	Clear	None	Clear	No	N/M	8.5	17	0	0	0	.1	.25
0175T0484	8/23/2012					0							
0175T0488	8/23/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0175T0495	5/18/2012					0							
0175T0496	5/18/2012					0							
0175T0526	9/20/2012					0							
0175T0681	9/20/2012					0							
0175T0707	11/5/2012					0							
0176T0565	8/27/2012	Clear	None	Clear	No	.15	7.6	22	0	0	.1	.1	.25
0176T0784	8/27/2012					0							
0176T0785	8/27/2012					0							
0179T0181	11/8/2012					0							
0179T0293	11/8/2012					0							
0179T0326	10/5/2012					0							
0179T0351	8/7/2012					0							
0179T0418	8/7/2012					0							
0179T0716	11/8/2012	Clear	None	Clear	No	.3	7.8	9	0	0	0	.6	.25
0180T0051	8/7/2012					0							
0180T0070	8/7/2012					0							
0180T0107	8/3/2012					0							
0180T0246	8/7/2012					0							
0180T0247	8/7/2012					0							
0180T0249	8/7/2012					0							
0180T0250	8/7/2012					0							
0180T0266	8/3/2012	Clear	None	Clear	No	.3	7.9	20	0	0	.1	.2	0
0180T0317	10/5/2012					0							
0180T0339	2/1/2012	Clear	None	Clear	No	.2	7.6	16	0	0	0	0	.25
0181T0156	6/28/2012					0							
0181T0663	6/28/2012					0							
0181T0686	8/16/2012					0							
0181T0839	8/3/2012					0							
0181T0841	8/3/2012					0							
0181T0931	6/28/2012					0							
0181T1060	8/3/2012					0							
0182T0095	8/16/2012	Clear	None	Clear	No	.14	7.7	23	0	0	.1	.3	0
0182T0176	8/16/2012					0							
0182T0396	8/17/2012	Clear	None	Clear	No	.49	7.9	22	0	0	.1	.1	0

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0182T0539	8/16/2012					0							
0182T0642	8/3/2012					0							
0186T0378	10/9/2012					0							
0187T0007	8/31/2012					0							
0187T0015	8/31/2012					0							
0187T0201	10/1/2012					0							
0187T0213	8/31/2012					0							
0187T0244	8/31/2012					0							
0187T0324	8/31/2012					0							
0192T0178	12/17/2012					0							
0192T0328	12/17/2012					0							
0192T0333	12/17/2012					0							
0192T0377	11/29/2012					0							
0192T0463	2/28/2012					0							
0192T0727	11/29/2012					0							
0193T0416	2/7/2012					0							
0193T0888	6/25/2012					0							
0193T0912	6/25/2012					0							
0194T0061	11/21/2012					0							
0194T0156	6/25/2012	Clear	None	Clear	No	.1	7.1	17	0	0	0	.4	.25
0194T0157	6/25/2012	Clear	None	Clear	No	.1	7.4	16	0	0	0	.4	0
0194T0873	6/7/2012					0							
0196T0209	4/17/2012					0							
0196T0357	4/30/2012					0							
0196T0589	4/30/2012					0							
0198T0018	4/30/2012					0							
0199T0182	5/31/2012	Clear	None	Clear	No	.1	7.7	16	0	0	0	.2	0
0203T0636	2/27/2012	Clear	None	Clear	No	.1	8.2	8	0	0	0	.2	0
0203T0669	2/27/2012					0							
0203T0969	2/27/2012					0							
0204T0035	2/27/2012					0							
0204T0201	2/27/2012					0							
0204T0208	2/27/2012					0							
0214T0036	5/22/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0214T0044	5/22/2012					0							
0214T0061	5/22/2012					0							
0214T0239	5/22/2012					0							
0214T0270	5/22/2012					0							
0215T0070	6/15/2012	Clear	None	Clear	No	.14	8.2	18	0	0	.3	.3	.25
0215T0601	6/15/2012					0							
0216T0511	6/15/2012					0							
0216T0737	6/15/2012					0							
0219T0049	6/26/2012					0							
0219T0052	6/26/2012					0							
0219T0112	6/26/2012					0							
0219T0141	5/29/2012					0							
0219T0190	6/26/2012					0							
0219T0232	6/26/2012					0							
0219T0343	11/27/2012					0							
0220T0488	11/30/2012					0							
0220T0533	11/27/2012					0							
0220T0538	11/27/2012					0							
0221T0045	6/27/2012					0							
0221T0053	6/28/2012					0							
0221T0136(N)	6/27/2012					0							
0221T0136(S)	10/10/2012					0							
0221T0148	6/27/2012					0							
0221T0187	6/27/2012					0							
0221T0250	6/28/2012					0							
0222T0007	6/14/2012					0							
0222T0095	10/9/2012	Clear	None	Clear	No	.18	8.0	13	0	0	0	.1	0
0222T0098	6/14/2012	Clear	None	Clear	No	.1	8	18	0	0	0	.1	.25
0222T0327	11/30/2012					0							
0223T0227	10/9/2012	Clear	None	Clear	No	.1	6.6	12	0	0	0	.1	.25
0223T0240	11/29/2012					0							
0223T0269	11/30/2012	Clear	None	Clear	No	N/M	7.0	9	0	0	0	.1	.25
0223T0284	10/9/2012					0							
0223T0881	6/28/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0223T0882	6/28/2012					0							
0223T0883	6/28/2012					0							
0231T0418	7/30/2012					0							
0231T0422	7/30/2012					0							
0231T0551	7/30/2012					0							
0231T0552	9/25/2012					0							
0231T0564	4/2/2012					0							
0231T0573	7/30/2012					0							
0231T0691	7/30/2012	Clear	None	Clear	No	N/M	8	23	0	0	0	.1	0
0232T0019	6/25/2012					0							
0232T0020	11/7/2012					0							
0232T0055	11/7/2012	Clear	None	Clear	No	N/M	7.4	8	0	0	0	.1	0
0232T0072	11/7/2012					0							
0232T0073	11/7/2012					0							
0232T0079	11/7/2012					0							
0232T0086	11/7/2012					0							
0232T0094	11/7/2012					0							
0232T0095	11/7/2012					0							
0232T0096	11/7/2012					0							
0232T0124	11/7/2012	Clear	None	Clear	No	N/M	7.8	12	0	0	.6	.1	0
0232T0179	11/7/2012					0							
0232T0432	9/25/2012					0							
0232T0436	3/27/2012					0							
0232T0441	6/25/2012					0							
0232T0443	11/7/2012					0							
0232T0449	8/16/2012	Clear	None	Clear	No	.1	8.0	18	0	0	0	.2	0
0233T0309	8/16/2012					0							
0233T0340	8/9/2012					0							
0233T0395	8/16/2012					0							
0233T0397	8/16/2012					0							
0233T0414	8/16/2012					0							
0233T0693	8/16/2012					0							
0233T0715	8/16/2012					0							
0233T0752	8/16/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0234T0028	8/8/2012	Clear	None	Clear	No	.4	7.9	25	0	0	.3	.1	.25
0234T0183	4/24/2012					0							
0234T0402	8/8/2012					0							
0234T0403	8/8/2012	Clear	None	Clear	No	N/M	7.6	25	0	0	.3	.1	.25
0234T0535	8/8/2012	Clear	None	Clear	No	N/M	7.7	21	0	0	0	.1	.25
0234T4175	8/8/2012					0							
0236T0122	11/16/2012					0							
0236T0332	2/2/2012					0							
0236T0362	10/5/2012					0							
0236T0414	11/16/2012					0							
0237T0129	8/1/2012					0							
0237T0143	10/5/2012	Clear	None	Clear	No	.1	8.0	18	0	0	0	.3	0
0237T0195	10/5/2012					0							
0237T0202	8/1/2012					0							
0237T0203	8/1/2012					0							
0237T0205	8/1/2012					0							
0237T0259	10/5/2012					0							
0237T0267	2/7/2012					0							
0237T0310	10/10/2012					0							
0237T0333	8/1/2012					0							
0237T0340	8/1/2012					0							
0237T0341	10/5/2012					0							
0237T0372	8/1/2012					0							
0238T0638	2/7/2012					0							
0238T0975	6/28/2012					0							
0238T1080	8/2/2012	Clear	None	Clear	No	.2	7.4	18	0	0	.1	.2	.25
0238T1361	5/21/2012					0							
0239T0203	7/23/2012					0							
0239T0227	6/28/2012					0							
0239T0527	2/1/2012					0							
0239T0740	6/28/2012					0							
0245T0015	10/1/2012					0							
0245T0023	10/1/2012					0							
0246T0013	8/30/2012	Clear	None	Clear	No	.2	8.0	19	0	0	0	.2	0

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0246T0108	8/30/2012					0							
0247T0123	8/30/2012					0							
0247T0154	5/16/2012					0							
0250T0181	11/27/2012					0							
0251T0024	6/7/2012					0							
0251T0044	6/7/2012	Clear	None	Clear	No	.5	7.5	17	0	0	0	.4	.25
0251T0094	11/27/2012					0							
0251T0098	11/21/2012					0							
0251T0350	11/27/2012					0							
0251T0413	11/27/2012					0							
0251T0676	11/27/2012					0							
0252T0038	6/7/2012					0							
0252T0080	11/20/2012					0							
0252T0285	11/20/2012					0							
0252T0288	11/20/2012	Clear	None	Clear	No	.64	8.0	11	0	0	0	.6	0
0252T0540	11/21/2012					0							
0252T0561	11/20/2012					0							
0252T0565	6/7/2012					0							
0253T0109	11/21/2012					0							
0255T0150	4/30/2012					0							
0256T0068	4/30/2012					0							
0263T0065	6/25/2012					0							
0264T0137	2/27/2012					0							
0264T0178	2/27/2012					0							
0264T0198	2/27/2012					0							
0264T0212	2/27/2012					0							
0275T0006	2/13/2012					0							
0275T0018	2/13/2012					0							
0275T001B	2/13/2012	Clear	None	Clear	No	.1	7.7	3	0	0	0	.3	0
0275T0027	2/13/2012	Clear	None	Clear	No	.2	8.2	4	0	0	0	.1	0
0277T0514	5/22/2012	Clear	None	Clear	No	N/M	7.9	20	0	0	0	.4	.25
0277T0528	5/22/2012					0							
0280T0373	11/27/2012	Clear	None	Clear	No	.1	7.6	10	0	0	0	.1	.25
0283T0121	5/29/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0283T0514	5/29/2012	Clear	None	Clear	No	.1	7.4	20	0	0	0	.1	.25
0284T0356	6/27/2012	Clear	None	Clear	No	.4	8.6	27	0	0	0	.2	.25
0284T0900	11/6/2012	Clear	None	Clear	No	N/M	8.1	10	0	0	0	0	.25
0285T0169	6/11/2012					0							
0285T0741	6/28/2012					0							
0285T1225	6/14/2012					0							
0285T1226	6/14/2012	Clear	None	Clear	No	N/M	8.2	18	0	0	0	0	.25
0287T0108	6/11/2012					0							
0292T0122	11/21/2012	Clear	None	Clear	No	N/M	7	12	0	0	.8	0	.25
0292T0123	12/13/2012	Clear	None	Clear	No	.13	6.8	8	0	0	0	.1	.25
0292T0728	11/20/2012					0							
0294T0015	4/2/2012					0							
0294T0470	4/3/2012	Clear	None	Clear	No	.11	7.7	13	0	0	0	0	0
0295T0512	5/31/2012					0							
0295T0572	5/31/2012					0							
0296T000A	4/2/2012					0							
0296T000B	3/23/2012					0							
0296T0542	4/2/2012					0							
0296T0543	4/2/2012					0							
0296T0576	5/31/2012	Clear	None	Clear	No	N/M	8.4	19	0	0	0	.1	0
0296T0622	3/23/2012					0							
0296T0629	3/23/2012					0							
0296T0737	5/31/2012	Clear	None	Clear	No	.1	8.3	19	0	0	0	.1	0
0296T0785	4/2/2012					0							
0296T0949	5/31/2012					0							
0297T0023	7/30/2012					0							
0297T0052	9/25/2012					0							
0297T0094	11/5/2012					0							
0297T0099	6/25/2012	Clear	None	Clear	No	N/M	8	22	0	0	0	.1	0
0297T0164	7/30/2012					0							
0297T0166	8/15/2012					0							
0297T0174	6/25/2012					0							
0297T0450	7/30/2012					0							
0297T0487	8/16/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0297T0493	3/27/2012					0							
0297T0494	3/27/2012	Clear	None	Clear	No	.1	7.8	12	0	0	.8	0	0
0297T0502	3/23/2012					0							
0297T0541	4/2/2012					0							
0297T0543	5/31/2012	Clear	None	Clear	No	N/M	8.1	19	0	0	0	.1	0
0297T0604	5/31/2012					0							
0297T0632	7/30/2012					0							
0297T0680	6/25/2012					0							
0297T0773	5/31/2012					0							
0297T0774	3/23/2012					0							
0297T1123	5/31/2012	Clear	None	Clear	No	.1	8.6	19	0	0	0	.1	0
0298T0226	8/23/2012	Clear	None	Clear	No	.2	7.6	18	0	0	0	.2	.25
0298T0467	8/23/2012					0							
0298T0478	8/23/2012					0							
0298T0479	8/23/2012					0							
0298T0497	8/23/2012					0							
0298T0701	8/23/2012					0							
0299T0166	4/25/2012					0							
0299T0386	4/24/2012					0							
0299T0444	4/25/2012					0							
0299T0470	4/25/2012					0							
0299T0612	4/25/2012					0							
0299T0828	4/25/2012					0							
0301T0104	8/27/2012					0							
0301T0115	8/8/2012					0							
0301T0206	8/27/2012	Clear	None	Clear	No	.3	7.9	23	0	0	0	.4	.25
0301T0210	11/9/2012	Clear	None	Clear	No	N/M	7.7	13	0	0	0	.4	.25
0301T0211	8/27/2012					0							
0301T0249	8/27/2012	Clear	None	Clear	No	.3	8.0	22	0	0	0	.6	.50
0301T0483	8/27/2012	Clear	None	Clear	No	.76	8.0	22	0	0	.6	0	0
0302T0015	8/8/2012					0							
0302T0026	8/8/2012					0							
0302T0179	8/20/2012					0							
0302T0185	8/20/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0302T0244	8/20/2012					0							
0302T0297	11/15/2012					0							
0302T0385	8/8/2012					0							
0302T0421	8/8/2012					0							
0302T0659	10/10/2012					0							
0302T0980	8/20/2012					0							
0302T1103	8/8/2012					0							
0303T0435	8/2/2012	Clear	None	Clear	No	.4	6.8	20	0	0	0	.4	.25
0303T0480	8/2/2012					0							
0303T0565	8/2/2012	Clear	None	Clear	No	.1	7.1	19	0	0	0	.6	.50
0303T0678	8/3/2012					0							
0303T0911	11/15/2012	Clear	None	Clear	No	.1	8.3	13	0	0	0	.6	.25
0303T1480	8/3/2012					0							
0303T1486	8/20/2012					0							
0303T1783	8/3/2012					0							
0303T1805	9/12/2012					0							
0303T1830	8/3/2012					0							
0303T1831	8/2/2012					0							
0304T0221	5/21/2012					0							
0304T0453	9/12/2012	Clear	None	Clear	No	.22	7.9	20	0	0	0	.2	0
0304T0518	5/21/2012					0							
0304T0752	5/21/2012	Clear	None	Clear	No	.2	8.4	16	0	0	.4	.1	.25
0304T0755	9/12/2012	Clear	None	Clear	No	.2	7.7	20	0	0	.1	.2	.25
0304T0889	2/1/2012					0							
0305T000A	1/31/2012					0							
0305T0227	7/23/2012	Clear	None	Clear	No	.2	7.1	19	0	0	0	.2	0
0305T0294	7/13/2012					0							
0305T0437	7/13/2012					0							
0305T0450	7/23/2012					0							
0305T0468	7/13/2012	Clear	None	Clear	No	.2	7.9	20	0	0		0	0
0305T0485	9/11/2012					0							
0305T0541	7/23/2012					0							
0305T0818	7/23/2012					0							
0305T0841	2/1/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0305T0849	2/1/2012					0							
0305T0872	1/31/2012					0							
0305T0878	1/31/2012					0							
0306T0171	7/13/2012					0							
0306T0756	7/24/2012	Clear	None	Clear	No	N/M	7.4	20	0	0	0	.2	0
0306T1127	7/23/2012					0							
0307T0091	6/14/2012					0							
0307T0480	6/14/2012					0							
0313T0143	8/30/2012	Clear	None	Clear	No	.1	7.8	20	0	0	0	.2	0
0314T0094	2/2/2012	Clear	None	Clear	No	.3	7.6	11	0	0	0	.01	.25
0314T0200	5/16/2012	Clear	None	Clear	No	.2	7.0	15	0	0	.1	0	0
0314T0202	5/16/2012					0							
0314T0212	2/2/2012					0							
0314T0349	5/16/2012					0							
0314T0697	8/31/2012	Clear	None	Clear	No	.4	7.5	22	0	0	0	.3	0
0315T0034	8/30/2012					0							
0315T0074	6/21/2012					0							
0315T0138	4/25/2012					0							
0315T0180	6/21/2012					0							
0315T0193	6/21/2012					0							
0315T0204	10/25/2012					0							
0315T0206	10/25/2012					0							
0315T0215	10/25/2012					0							
0315T0369	4/20/2012					0							
0315T0373	10/25/2012					0							
0315T0550	10/26/2012					0							
0315T0613	4/25/2012					0							
0315T0623	10/26/2012					0							
0315T0694	6/21/2012					0							
0316T0133	4/24/2012	Clear	None	Clear	No	.1	7.5	12	0	0	0	.3	0
0316T0138	4/24/2012					0							
0316T0139	4/24/2012					0							
0316T0258	11/5/2012					0							
0316T0260	11/5/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0316T0266	10/25/2012					0							
0316T0308	11/5/2012					0							
0316T0312	11/5/2012					0							
0316T0314	11/5/2012					0							
0316T0319	11/5/2012					0							
0316T0391	10/25/2012					0							
0317T0138	11/27/2012					0							
0317T0142	11/27/2012					0							
0317T0153	11/27/2012					0							
0317T0181	11/27/2012					0							
0317T0305	11/5/2012					0							
0317T0310	10/25/2012					0							
0317T0329	11/5/2012					0							
0317T0354	6/4/2012	Clear	None	Clear	No	.1	6.9	16	0	0	.4	.2	0
0317T0383	6/4/2012					0							
0317T0467	6/21/2012					0							
0317T0469	6/21/2012					0							
0317T0520	6/21/2012					0							
0317T0681	6/21/2012					0							
0318T0030	4/18/2012					0							
0318T0061	4/18/2012	Clear	None	Clear	No	.4	7.4	12	0	0	0	.6	0
0318T0526	4/18/2012					0							
0319T0086	11/20/2012					0							
0319T0720	2/13/2012					0							
0319T0721	2/13/2012					0							
0320T0312	6/21/2012					0							
0320T0421	6/21/2012					0							
0320T0770	2/27/2012					0							
0320T0828	6/21/2012					0							
0321T0038	2/7/2012					0							
0321T0065	6/25/2012					0							
0322T000A	4/30/2012					0							
0322T0495	4/9/2012	Clear	None	Clear	No	.2	7.7	9	0	0	0	.2	.25
0333T0100	2/27/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0333T0101	2/27/2012					0							
0352T0016	5/29/2012					0							
0352T0197	5/29/2012					0							
0352T0200	5/29/2012					0							
0353T0001	5/29/2012	Clear	None	Clear	No	.1	7.8	20	0	0	0	.3	.25
0353T0574	5/29/2012	Clear	None	Clear	No	N/M	7.7	25	0	0	0	.4	0
0354T0270	5/29/2012	Clear	None	Clear	No	.1	8.5	23	0	0	0	.1	.25
0355T0297	2/28/2012	Clear	None	Clear	No	.2	8.2	3	0	0	.2	.2	.25
0356T0047	2/28/2012	Clear	None	Clear	No	.1	7.9	6	0	0	0	.4	.25
0356T0249	12/14/2012	Clear	None	Clear	No	N/M	7.1	6	0	0	0	.1	0
0356T0292	2/28/2012	Clear	None	Clear	No	.1	7.9	4	0	0	0	.2	0
0356T0324	2/28/2012					0							
0356T0478	11/30/2012					0							
0356T0583	2/28/2012					0							
0357T0400	4/19/2012					0							
0357T0567	4/19/2012					0							
0357T0643	11/30/2012					0							
0357T0664	11/30/2012					0							
0361T0101	11/16/2012					0							
0361T0160	11/16/2012					0							
0361T0265	11/16/2012					0							
0363T0324	11/16/2012					0							
0363T0328	11/16/2012					0							
0364T0347	12/13/2012					0							
0364T0394	12/13/2012					0							
0364T0485	11/20/2012	Clear	None	Clear	No	N/M	7.8	8	0	0	0	0	0
0364T0486	11/20/2012					0							
0364T0697	11/20/2012					0							
0364T0792	11/20/2012					0							
0365T0056	11/20/2012	Clear	None	Clear	No	N/M	8	10	0	0	0	0	.25
0365T0210	12/12/2012					0							
0365T0212	11/20/2012					0							
0365T0252	11/20/2012					0							
0365T0393	9/7/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0365T0507	11/15/2012					0							
0365T0508	11/15/2012	Clear	None	Clear	No	.64	7.9	12	0	0	0	.1	.25
0365T0512	11/15/2012					0							
0365T0683	11/20/2012					0							
0365T0753	11/20/2012					0							
0365T0754	11/20/2012					0							
0366T0156	4/3/2012	Clear	None	Clear	No	.18	6.7	11	0	0	0	.1	.25
0366T0207	11/15/2012	Clear	None	Clear	No	.6	8.0	10	0	0	0	.1	0
0366T0352	11/15/2012					0							
0366T0364	11/15/2012					0							
0366T0374	11/21/2012					0							
0366T0413	11/21/2012					0							
0366T0450	11/15/2012					0							
0366T0519	11/21/2012					0							
0366T0716	8/6/2012					0							
0366T0731	11/15/2012					0							
0366T0887	6/21/2012	Clear	None	Clear	No	.1	8.6	22	0	0	0	.03	.25
0367T0191	3/23/2012					0							
0367T0735	3/23/2012					0							
0367T1117	3/23/2012					0							
0368T0189	5/31/2012	Clear	None	Clear	No	.38	7.4	18	0	0	.8	.1	.26
0368T0628	8/20/2012					0							
0368T0799	6/4/2012					0							
0369T000A	3/23/2012					0							
0369T0103	3/23/2012					0							
0369T0184	8/20/2012					0							
0369T0213	3/23/2012					0							
0369T0218	8/30/2012					0							
0369T0223	8/21/2012					0							
0369T0229	8/30/2012					0							
0369T0328	3/23/2012	Clear	None	Clear	No	N/M	7.6	14	0	0	0	.1	.25
0369T0513	8/14/2012					0							
0369T0526	5/31/2012					0							
0369T0669	5/18/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0369T0698	8/16/2012					0							
0369T0699	5/18/2012					0							
0369T0726	8/14/2012					0							
0369T0737	8/16/2012	Clear	None	Clear	No	.1	7.9	18	0	0	0	.1	0
0369T0738	5/18/2012					0							
0369T0776	4/2/2012					0							
0370T0236	3/27/2012					0							
0370T0246	3/27/2012					0							
0370T0254	3/27/2012					0							
0370T0271	5/21/2012	Clear	None	Clear	No	N/M	8.1	20	0	0	0	.2	0
0370T0313	5/14/2012					0							
0370T0317	5/21/2012					0							
0370T0323	3/27/2012					0							
0370T0342	3/27/2012					0							
0370T0358	3/27/2012					0							
0370T0402	3/27/2012					0							
0370T0524	5/21/2012	Clear	None	Clear	No	.1	7.8	21	0	0	0	.1	0
0370T0534	7/30/2012					0							
0370T0549	3/27/2012					0							
0370T0586	3/27/2012					0							
0371T0246	8/8/2012					0							
0371T0322	5/17/2012					0							
0371T0328	8/8/2012					0							
0372T0108	8/7/2012					0							
0372T0126	7/31/2012	Clear	None	Clear	No	N/M	7.8	22	0	0	0	.1	.25
0372T0127	7/31/2012					0							
0372T0155	7/31/2012	Clear	None	Clear	No	N/M	7.5	25	0	0	0	.2	0
0372T0614	8/7/2012	Clear	None	Clear	No	.25	8.1	21	0	0	0	0	.25
0372T0906	7/31/2012	Clear	None	Clear	No	.1	7.8	22	0	0	0	.1	0
0372T0914	8/7/2012					0							
0375T0250	8/20/2012					0							
0375T0446	8/20/2012					0							
0375T0609	11/8/2012					0							
0375T0617	11/8/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0375T0629	8/20/2012					0							
0375T0632	8/20/2012					0							
0375T0655	8/20/2012					0							
0375T0733	8/20/2012					0							
0375T0749	8/20/2012					0							
0375T0753	8/20/2012	Clear	None	Clear	No	.17	7.9	22	0	0	.8	0	0
0376T0041	8/17/2012					0							
0376T0076	7/17/2012					0							
0376T0134	8/17/2012					0							
0376T0151	8/17/2012	Clear	None	Clear	No	.75	8.0	22	0	0	0	.1	0
0376T0172	8/8/2012					0							
0376T0174	8/8/2012					0							
0376T0175	8/8/2012					0							
0376T0198	7/17/2012					0							
0376T0211	8/17/2012					0							
0376T0220	8/24/2012	Clear	None	Clear	No	.13	7.6	19	0	0	.1	.2	.25
0376T0300	8/8/2012					0							
0376T0302	8/8/2012					0							
0376T0313	7/17/2012	Clear	None	Clear	No	.1	7.2	20	0	0	0	.1	0
0376T0362	8/17/2012					0							
0376T0364	8/17/2012					0							
0376T0368	8/17/2012					0							
0376T0452	7/17/2012					0							
0376T0480	8/17/2012					0							
0376T0536	7/19/2012					0							
0376T0539	9/12/2012					0							
0376T0705	8/24/2012					0							
0376T0723	8/8/2012	Clear	None	Clear	No	.2	7.7	24	0	0	0	.4	.25
0376T0796	8/8/2012					0							
0377T0190	6/8/2012					0							
0377T0192	2/28/2012					0							
0377T0245	7/19/2012					0							
0377T0246	7/19/2012					0							
0377T0273	6/15/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0377T0314	7/23/2012					0							
0377T0376	7/23/2012					0							
0377T0395	6/8/2012					0							
0377T0426	7/19/2012					0							
0378T0012	1/31/2012	Clear	None	Clear	No	.2	7.6	15	0	0	0	0	0
0378T0123	7/13/2012					0							
0378T0138	7/13/2012					0							
0378T0264	7/13/2012					0							
0378T0265	7/13/2012					0							
0378T0279	7/13/2012					0							
0378T0361	9/11/2012					0							
0378T0437	7/13/2012					0							
0378T0439	7/13/2012					0							
0378T0440	2/7/2012	Clear	None	Clear	No	1	7.8	10	0	0	0	.02	.25
0378T0446	7/13/2012					0							
0378T0476	9/11/2012					0							
0379T0404	6/28/2012					0							
0380T0319	7/23/2012					0							
0380T0447	6/6/2012					0							
0380T0463	6/15/2012					0							
0380T0478	6/15/2012					0							
0380T0636	6/6/2012					0							
0380T0721	6/14/2012					0							
0380T0809	6/15/2012					0							
0380T0833	6/14/2012					0							
0380T0904	6/15/2012					0							
0388T0022	6/4/2012	Clear	None	Clear	No	.1	7.4	16	0	0	0	.4	.25
0388T0060	6/4/2012					0							
0388T0104	6/4/2012					0							
0388T0381	6/4/2012					0							
0388T0382	6/4/2012					0							
0389T0001	4/25/2012					0							
0389T0061	8/31/2012					0							
0389T0089	6/4/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0389T0098	6/4/2012					0							
0389T0684	8/31/2012					0							
0389T0880	9/21/2012					0							
0390T0048	4/24/2012	Clear	None	Clear	No	.1	7.6	11	0	0	.6	0	0
0390T0092	4/24/2012	Clear	None	Clear	No	.1	7.7	11	0	0	0	.2	.25
0390T0215	10/26/2012					0							
0390T0297	4/25/2012					0							
0390T0370	4/25/2012	Clear	None	Clear	No	.1	7.8	11	0	0	.1	.2	.25
0390T0382	4/24/2012					0							
0390T0561	4/25/2012	Clear	None	Clear	No	.1	6.9	12	0	0	0	.4	.25
0390T0594	4/25/2012					0							
0391T0309	10/26/2012					0							
0391T0376	4/24/2012					0							
0391T0383	4/24/2012					0							
0391T0433	4/24/2012					0							
0391T0693	4/24/2012					0							
0391T0700	4/25/2012					0							
0392T0156	6/4/2012	Clear	None	Clear	No	.4	7.5	19	0	0	0	.8	0
0392T0209	3/6/2012					0							
0392T0213	3/6/2012					0							
0392T0325	10/26/2012					0							
0392T0329	10/26/2012					0							
0392T0334	10/26/2012					0							
0392T0547	11/20/2012	Clear	None	Clear	No	N/M	8.2	6	0	0	0	.2	0
0392T0581	11/20/2012					0							
0392T0651	10/25/2012					0							
0393T0024	4/24/2012					0							
0393T0047	4/24/2012					0							
0393T0053	4/24/2012					0							
0393T0084	4/18/2012					0							
0394T0110	2/13/2012					0							
0394T0131	2/13/2012					0							
0394T0185	3/7/2012	Clear	None	Clear	No	.2	8.1	9	0	0	.6	0	0
0394T0235	2/13/2012	Clear	None	Clear	No	.1	7.8	10	0	0	0	.1	0

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0394T0281	3/7/2012					0							
0394T0328	3/7/2012					0							
0394T0332	2/1/2012	Clear	None	Clear	No	.4	7.8	17	0	0	0	.4	.25
0394T0356	3/7/2012	Clear	None	Clear	No	.1	7.8	8	0	0	0	.3	.25
0394T0372	3/7/2012					0							
0394T0378	2/13/2012					0							
0394T0472	3/7/2012					0							
0394T0549	2/13/2012					0							
0394T0708	3/7/2012	Clear	None	Clear	No	.3	7.8	8	0	0	.1	.2	0
0394T0914	2/13/2012					0							
0394T0917	2/13/2012	Clear	None	Clear	No	.3	7.8	11	0	0	0	.1	.25
0394T1216	2/13/2012					0							
0395T0196	4/18/2012					0							
0395T0230	2/13/2012					0							
0395T0296	2/13/2012					0							
0396T0035	2/27/2012					0							
0396T0045	2/27/2012					0							
0396T0056	2/27/2012					0							
0396T0236	2/27/2012					0							
0396T0248	2/27/2012					0							
0396T0259	2/27/2012					0							
0398T0079	4/9/2012					0							
0398T0102	4/9/2012					0							
0398T0162	4/9/2012					0							
0398T0200	4/9/2012					0							
0399T0033	2/27/2012					0							
0399T0093	6/25/2012	Clear	None	Clear	No	.1	7.3	15	0	0	0	.6	.25
0399T0094	6/25/2012					0							
0399T0818	4/9/2012					0							
0399T0821	4/9/2012					0							
0436T0078	12/14/2012	Clear	None	Clear	No	N/M	7.1	6	0	0	0	.1	0
0440T0024	12/14/2012	Clear	None	Clear	No	.08	6.8	9	0	0	0	.1	.25
0441T0193	12/14/2012	Clear	None	Clear	No	.14	7.4	4	0	0	0	.1	0
0441T0258	12/14/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0441T0259	12/14/2012					0							
0444T0059	12/13/2012	Clear	None	Clear	No	3.91	7.5	6	0	0	0	.1	.25
0445T0060	12/13/2012					0							
0446T0003	8/6/2012					0							
0446T0010	11/21/2012	Clear	None	Clear	No	N/M	7.6	12	0	0	0	.1	.25
0447T0543	8/6/2012					0							
0447T0590	8/6/2012					0							
0447T0600	11/15/2012	Clear	None	Clear	No	.1	8.0	10	0	0	0	.1	0
0447T0718	8/6/2012					0							
0449T0080	6/4/2012	Clear	None	Clear	No	.1	7.3	17	0	0	0	0	0
0449T0081	8/20/2012					0							
0449T0083	8/20/2012					0							
0449T0887	8/20/2012					0							
0450T0133	8/20/2012					0							
0450T0142	8/20/2012					0							
0450T0183	8/20/2012					0							
0450T0187	8/20/2012					0							
0450T0200	8/20/2012					0							
0450T0208	8/20/2012					0							
0450T0255	8/15/2012	Clear	None	Clear	No	.1	8.1	19	0	0	0	.1	0
0450T0305	8/17/2012					0							
0450T0309	8/17/2012					0							
0450T0335	8/14/2012					0							
0450T0340	8/14/2012					0							
0450T0358	8/14/2012					0							
0450T0464	8/15/2012					0							
0450T0540	8/20/2012					0							
0450T0601	8/15/2012					0							
0450T0645	8/14/2012					0							
0450T0646	8/14/2012					0							
0450T0658	8/30/2012					0							
0450T0685	9/25/2012					0							
0451T0048	7/30/2012					0							
0451T0059	8/17/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0451T0060	8/17/2012					0							
0451T0070	8/17/2012					0							
0451T0165	5/21/2012	Clear	None	Clear	No	N/M	7.9	17	0	0	0	.2	0
0451T0314	7/30/2012	Clear	None	Clear	No	N/M	8.1	24	0	0	.4	.1	0
0452T0241	5/15/2012					0							
0453T0592	8/7/2012	Clear	None	Clear	No	.1	7.3	23	0	0	0	.02	.5
0453T0846	7/31/2012					0							
0455T0448	7/31/2012	Clear	None	Clear	No	.6	7.5	19	0	0	0	.1	0
0455T0537	11/19/2012	Clear	None	Clear	No	.15	8.0	11	0	0	0	.2	.25
0455T0553	7/31/2012	Clear	None	Clear	No	.18	7.2	20	0	0	0	.2	.25
0455T0744	7/31/2012					0							
0456T0087	7/31/2012					0							
0456T0090	7/31/2012	Clear	None	Clear	No	.2	7.7	21	0	0	0	.4	0
0456T0147	7/31/2012	Clear	None	Clear	No	.3	7.4	20	0	0	0	.2	0
0456T0321	7/31/2012					0							
0457T0043	10/10/2012					0							
0457T0092	8/17/2012					0							
0457T0183	2/7/2012					0							
0457T0337	10/10/2012					0							
0457T0384	8/17/2012					0							
0457T0420	10/10/2012					0							
0457T0432	10/10/2012					0							
0457T0484	8/17/2012					0							
0457T0568	8/17/2012					0							
0457T0570	7/19/2012					0							
0457T0578	7/18/2012					0							
0457T0639	11/8/2012					0							
0457T0643	9/12/2012					0							
0457T0719	10/10/2012					0							
0457T0785	11/8/2012					0							
0458T0166	6/8/2012					0							
0458T0290	6/8/2012	Clear	None	Clear	No	.2	7.0	15	0	0	0	.4	.25
0458T0293	6/8/2012					0							
0458T0408	6/8/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0458T0510	6/8/2012					0							
0458T0512	7/18/2012					0							
0458T0525	6/8/2012					0							
0458T0526	6/8/2012					0							
0458T0580	6/8/2012	Clear	None	Clear	No	.3	7.2	17	0	0	0	.4	0
0458T0587	7/18/2012					0							
0458T0590	6/8/2012					0							
0458T0663	1/31/2012					0							
0459T0089	5/7/2012					0							
0459T0190	7/18/2012					0							
0459T0198	6/15/2012					0							
0459T0204	7/18/2012	Clear	None	Clear	No	.3	7.6	26	0	0	.1	.1	0
0459T0209	7/18/2012					0							
0459T0288	6/15/2012					0							
0459T0403	1/31/2012					0							
0460T0016	7/18/2012					0							
0460T0109	6/26/2012					0							
0460T0143	6/27/2012					0							
0460T0236	6/28/2012	Clear	None	Clear	No	.2	7.1	17	0	0	0	.6	.25
0460T0305	6/28/2012					0							
0460T0306	6/28/2012	Clear	None	Clear	No	.1	7.9	17	0	0	0	.4	0
0460T0487	6/26/2012					0							
0460T0526	6/27/2012					0							
0460T0585	6/15/2012					0							
0461T0183	6/15/2012					0							
0461T0208	6/15/2012					0							
0461T0330	6/6/2012	Clear	None	Clear	No	.8	6.9	16	0	0	0	.6	0
0461T0351	6/15/2012					0							
0461T0352	6/15/2012					0							
0461T0413	6/15/2012	Clear	None	Clear	No	.1	8.0	17	0	0	0	.1	.25
0461T0417	6/15/2012					0							
0461T0418	6/15/2012					0							
0462T0076	6/6/2012					0							
0462T0117	6/6/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0462T0334	7/12/2012					0							
0471T0162	5/23/2012					0							
0471T0505	4/25/2012					0							
0471T0531	5/23/2012					0							
0471T0535	5/23/2012					0							
0472T000A	8/31/2012					0							
0472T0170	6/4/2012					0							
0472T0185	6/4/2012					0							
0472T0360	8/31/2012					0							
0472T0459	5/17/2012					0							
0472T0466	4/3/2012					0							
0472T0537	8/30/2012					0							
0472T0541	4/3/2012					0							
0472T0608	4/3/2012					0							
0472T0611	4/3/2012					0							
0472T0614	4/3/2012					0							
0472T0648	8/30/2012					0							
0477T0014	2/13/2012	Clear	None	Clear	No	.23	7.8	10	0	0	0	.1	0
0477T0242	3/7/2012					0							
0477T0350	3/7/2012					0							
0477T0373	4/30/2012	Clear	None	Clear	No	.1	7.7	12	0	0	0	.4	0
0477T0377	4/30/2012					0							
0477T0379	4/30/2012					0							
0477T0386	6/4/2012					0							
0477T0393	5/16/2012					0							
0477T0395	5/16/2012					0							
0477T0398	5/16/2012	Clear	None	Clear	No	1.1	7.4	13	0	0	.8	0	.25
0477T0410	5/16/2012					0							
0477T0416	5/16/2012					0							
0477T0440	5/16/2012					0							
0477T1184	5/16/2012	Clear	None	Clear	No	.1	7.3	15	0	0	0	.6	.25
0478T0391	4/13/2012	Clear	None	Clear	No	.2	7.5	10	0	0	0	.8	.25
0478T0882	4/13/2012	Clear	None	Clear	No	.1	7.8	10	0	0	0	.2	0
0478T0909	4/13/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0478T0949	6/21/2012					0							
0478T1002	4/13/2012					0							
0479T0025	4/13/2012					0							
0479T0153	2/27/2012	Clear	None	Clear	No	.3	7.8	12	0	0	0	.1	.25
0479T0830	4/13/2012					0							
0481T0098	2/27/2012					0							
0481T0113	2/27/2012					0							
0481T0261	2/27/2012					0							
0482T0232	2/27/2012					0							
0482T0256	2/27/2012					0							
0493T0020	3/29/2012					0							
0493T0022	6/25/2012					0							
0493T0045	6/25/2012					0							
0535T0006	8/6/2012					0							
0535T0115	8/6/2012					0							
0535T0172	8/6/2012					0							
0535T0194	8/6/2012					0							
0535T0199	8/6/2012					0							
0537T0159	8/30/2012	Clear	None	Clear	No	.1	7.2	21	0	0	.1	.1	0
0538T0250	9/25/2012					0							
0538T0278	12/17/2012					0							
0538T0284	9/25/2012	Clear	None	Clear	No	.4	7.6	19	0	0	0	.2	0
0538T0333	7/1/2012					0							
0539T0020	8/15/2012	Clear	None	Clear	No	.1	7.7	22	0	0	0	.1	.25
0539T0027	8/15/2012					0							
0539T0139	7/1/2012					0							
0539T0266	7/1/2012	Clear	None	Clear	No	.1	7.4	19	0	0	0	.8	.25
0539T0276	7/1/2012	Clear	None	Clear	No	.1	7.9	15	0	0	0	.1	.25
0540T0001	8/30/2012					0							
0541T0104	3/30/2012					0							
0541T0105	5/15/2012	Clear	None	Clear	No	.9	8.2	19	0	0	0	.2	0
0541T0164	5/17/2012	Clear	None	Clear	No	.39	7.9	19	0	0	0	.2	.25
0544T0108	7/31/2012					0							
0544T0173	11/9/2012	Clear	None	Clear	No	N/M	7.5	12	0	0	0	.6	.25

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0544T0190	11/9/2012					0							
0544T0242	10/11/2012					0							
0544T0644	7/31/2012	Clear	None	Clear	No	.11	7.6	20	0	0	0	.2	.25
0544T0791	7/31/2012					0							
0544T1146	11/9/2012					0							
0545T0068	7/31/2012					0							
0545T0085	9/13/2012					0							
0545T0510	8/23/2012	Clear	None	Clear	No	.3	8.0	22	0	0	.6	0	0
0545T0522	8/23/2012					0							
0545T0528	9/13/2012					0							
0545T0529	9/13/2012					0							
0545T0539	8/23/2012					0							
0545T0579	9/13/2012					0							
0545T0602	7/31/2012					0							
0545T0631	9/25/2012					0							
0545T0662	9/13/2012					0							
0545T0663	8/23/2012					0							
0545T0666	8/23/2012					0							
0545T0677	9/13/2012					0							
0545T0704	8/23/2012					0							
0545T0754	9/13/2012					0							
0545T0803	9/25/2012	Clear	None	Clear	No	.2	7.8	19	0	0	.1	.1	0
0545T0920	7/12/2012					0							
0545T0921	7/12/2012					0							
0546T0013	9/26/2012					0							
0546T0022	9/26/2012					0							
0546T0116	9/26/2012					0							
0546T0130	9/26/2012					0							
0546T0144	11/9/2012					0							
0546T0166	7/12/2012					0							
0547T0019	5/30/2012					0							
0548T0011	5/7/2012					0							
0548T0044	5/7/2012					0							
0548T0142	6/26/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0548T0153	5/11/2012					0							
0548T0164	5/11/2012					0							
0548T0196	5/11/2012					0							
0548T0210	5/11/2012					0							
0548T0277	5/11/2012					0							
0548T0283	5/11/2012					0							
0548T0358	6/27/2012					0							
0548T0406	6/27/2012					0							
0548T0453	6/26/2012	Clear	None	Clear	No	.1	7.5	13	0	0	0	.4	0
0548T0463	5/11/2012					0							
0548T0466	5/11/2012					0							
0548T0468	5/7/2012	Clear	None	Clear	No	.1	7.8	13	0	0	0	.2	.25
0548T0604	5/7/2012	Clear	None	Clear	No	.1	7.7	12	0	0	0	.4	.25
0548T0655	5/7/2012	Clear	None	Clear	No	.1	8.0	13	0	0	1.0	0	0
0549T0352	6/15/2012					0							
0549T0354	6/15/2012					0							
0549T0403	6/15/2012					0							
0550T0026	4/12/2012					0							
0550T0145	4/12/2012					0							
0550T0411	5/30/2012					0							
0550T0470	5/30/2012					0							
0550T0496	5/30/2012					0							
0551T0278	4/12/2012	Clear	None	Clear	No	.1	7.3	10	0	0	0	.2	0
0551T0326	4/12/2012	Clear	None	Clear	No	.1	6.9	10	0	0	0	.2	0
0551T0367	4/12/2012					0							
0551T0376	4/12/2012					0							
0551T0395	4/12/2012					0							
0551T0398	4/12/2012					0							
0551T0437	6/6/2012					0							
0551T0442	6/6/2012					0							
0551T0458	6/6/2012	Clear	None	Clear	No	.2	7.0	14	0	0	0	.6	.25
0560T0016	4/3/2012	Clear	None	Clear	No	.3	8.2	10	0	0	0	.1	.25
0560T0017	4/3/2012					0							
0560T0320	4/3/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0561T0064	5/17/2012					0							
0561T0067	5/17/2012					0							
0561T0127	5/23/2012					0							
0561T0194	5/17/2012					0							
0561T0195	5/17/2012	Clear	None	Clear	No	.1	7.1	13	0	0	0	.4	.25
0561T0196	4/20/2012	Clear	None	Clear	No	.2	8.2	11	0	0	.1	.2	.25
0561T0246	5/23/2012					0							
0561T0526	4/3/2012					0							
0561T0547	4/20/2012					0							
0561T0557	8/30/2012					0							
0561T0559	5/23/2012					0							
0561T0560	5/23/2012					0							
0562T0047	5/23/2012	Clear	None	Clear	No	.2	6.9	16	0	0	0	.4	.25
0562T0492	5/17/2012					0							
0562T0581	5/17/2012					0							
0562T0762	5/17/2012	Clear	None	Clear	No	.2	7.3	12	0	0	0	.3	0
0562T1006	5/17/2012					0							
0562T1081	5/23/2012					0							
0562T1085	5/17/2012					0							
0562T1092	4/3/2012					0							
0562T1098	4/3/2012					0							
0568T0583	3/29/2012					0							
0568T0736	2/13/2012					0							
0568T0795	3/29/2012					0							
0568T0805	6/26/2012					0							
0568T0859	2/13/2012					0							
0569T0061	4/13/2012					0							
0569T0167	3/27/2012	Clear	None	Clear	No	.2	8.0	10	0	0	0	0	.25
0569T0177	3/27/2012					0							
0569T0189	3/27/2012	Clear	None	Clear	No	.3	8.5	9	0	0	0	.4	.25
0569T0257	6/21/2012					0							
0569T0370	6/21/2012					0							
0569T0384	4/13/2012					0							
0569T0753	4/13/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0573T0083	2/27/2012					0							
0584T0006	6/25/2012					0							
0586T0072	6/25/2012					0							
0589T0045	3/29/2012					0							
0589T0055	3/29/2012					0							
0589T0059	3/29/2012					0							
0589T0064	3/29/2012					0							
0634T0249	9/25/2012					0							
0634T0252	8/30/2012	Clear	None	Clear	No	.13	7.2	20	0	0	0	.1	.25
0635T0210	9/25/2012					0							
0636T0176	9/26/2012					0							
0636T0193	9/26/2012					0							
0636T0258	9/26/2012					0							
0636T0260	9/26/2012					0							
0636T0284	9/26/2012					0							
0636T0285	9/26/2012					0							
0636T0292	9/26/2012					0							
0636T0304	9/26/2012					0							
0636T0366	9/26/2012					0							
0636T0384	9/26/2012					0							
0636T0403	9/26/2012					0							
0636T0438	9/26/2012					0							
0636T0453	9/26/2012					0							
0636T0497	7/1/2012					0							
0636T0549	9/26/2012					0							
0636T0554	9/26/2012					0							
0636T0662	9/26/2012					0							
0636T0689	9/26/2012					0							
0640T0119	7/31/2012					0							
0640T0403	4/11/2012	Clear	None	Clear	No	.1	8.1	8	0	0	0	.3	.25
0640T0415	4/11/2012					0							
0640T0429	4/11/2012					0							
0640T0432	4/11/2012					0							
0640T0434	4/11/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0640T0466	5/18/2012	Clear	None	Clear	No	.1	7.5	13	0	0	0	.3	.25
0640T0501	4/11/2012					0							
0640T0510	4/11/2012					0							
0640T0621	7/31/2012	Clear	None	Clear	No	.5	8.0	19	0	0	0	.1	.25
0640T0629	4/11/2012					0							
0640T0643	4/11/2012					0							
0640T0946	7/31/2012					0							
0640T0977	7/31/2012					0							
0640T0996	7/31/2012					0							
0640T0997	7/31/2012	Clear	None	Clear	No	N/M	7.9	22	0	0	0	.1	.25
0641T0090	4/11/2012	Clear	None	Clear	No	.3	7.8	8	0	0	.8	.4	.25
0641T0095	4/11/2012					0							
0641T0099	4/11/2012					0							
0641T0840	4/11/2012	Clear	None	Clear	No	.1	7.7	8	0	0	0	.3	0
0641T0907	5/18/2012					0							
0642T000A	2/2/2012					0							
0642T0072	8/23/2012					0							
0642T0076	8/22/2012					0							
0642T0077	8/22/2012					0							
0642T0084	9/13/2012					0							
0642T0112	8/22/2012					0							
0642T0426	7/30/2012					0							
0642T0473	7/30/2012	Clear	None	Clear	No	.1	6.8	20	0	0	0	.4	0
0642T0582	7/30/2012					0							
0642T0606	9/13/2012					0							
0642T0625	7/30/2012					0							
0642T0651	11/9/2012					0							
0642T0685	9/13/2012					0							
0642T0692	9/13/2012	Clear	None	Clear	No	.3	7.7	22	0	0	.1	.2	0
0642T0695	7/30/2012					0							
0642T0718	11/9/2012					0							
0642T0719	2/2/2012					0							
0646T000A	5/11/2012	Clear	None	Clear	No	1.36	7.0	14	0	0	0	.2	0
0647T0001	4/12/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0647T0030	4/12/2012					0							
0647T0081	4/12/2012					0							
0647T0393	7/12/2012					0							
0647T0395	4/12/2012					0							
0647T0419	7/12/2012					0							
0647T0900	5/30/2012					0							
0647T0949	5/30/2012					0							
0648T0110	6/5/2012	Clear	None	Clear	No	.2	7.1	17	0	0	0	.6	.25
0648T0578	6/5/2012					0							
0648T0649	6/5/2012					0							
0648T0704	6/5/2012					0							
0648T0733	6/5/2012					0							
0648T0745	3/30/2012					0							
0649T0004	2/2/2012					0							
0649T0017	6/5/2012					0							
0649T0183	6/5/2012	Clear	None	Clear	No	.11	7.4	17	0	0	.1	.1	.25
0660T0292	5/23/2012					0							
0660T0340	4/20/2012					0							
0660T0469	4/20/2012					0							
0660T0471	4/20/2012					0							
0660T0492	4/20/2012					0							
0660T0498	5/23/2012	Clear	None	Clear	No	.1	7.9	16	0	0	.6	0	0
0660T0515	4/20/2012					0							
0660T0516	4/20/2012					0							
0660T0548	4/20/2012					0							
0660T0552	4/20/2012	Clear	None	Clear	No	.1	7.8	12	0	0	0	.6	.25
0660T0589	5/23/2012	Clear	None	Clear	No	.1	7.5	18	0	0	0	.6	.25
0660T0817	5/23/2012					0							
0660T0820	4/20/2012					0							
0660T0822	4/20/2012	Clear	None	Clear	No	.1	7.9	12	0	0	0	.6	.25
0661T0051	5/17/2012	Clear	None	Clear	No	.2	7.3	13	0	0	.1	.2	.25
0661T0081	5/17/2012					0							
0741T0163	9/25/2012					0							
0741T0546	9/26/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0741T0602	12/17/2012					0							
0741T0603	12/17/2012	Clear	None	Clear	No	N/M	7.1	11	0	0	0	.1	.25
0741T0681	9/25/2012					0							
0741T0707	12/17/2012					0							
0741T0732	12/17/2012					0							
0743T0045	5/17/2012	Clear	None	Clear	No	N/M	7.4	21	0	0	0	.2	.25
0743T0483	5/17/2012					0							
0743T0614	8/21/2012					0							
0744T0017	7/18/2012	Clear	None	Clear	No	N/M	7.7	24	0	0	0	0	0
0744T0035	7/18/2012					0							
0744T0086	7/18/2012	Clear	None	Clear	No	N/M	8.2	24	0	0	0	0	0
0744T0098	7/18/2012	Clear	None	Clear	No	N/M	8.2	27	0	0	0	0	0
0745T0207	2/3/2012					0							
0745T0248	7/24/2012					0							
0745T0367	7/24/2012					0							
0745T0370	7/31/2012					0							
0745T0403	2/3/2012					0							
0745T0404	2/3/2012					0							
0746T0118	9/25/2012					0							
0746T0235	5/18/2012					0							
0746T0288	9/25/2012					0							
0746T0408	7/30/2012					0							
0747T0055	7/30/2012					0							
0747T0064	7/30/2012					0							
0747T0096	7/30/2012					0							
0747T0120	7/30/2012					0							
0747T0330	7/30/2012					0							
0753T0055	6/5/2012					0							
0753T0161	6/5/2012					0							
0753T0287	3/30/2012					0							
0753T0324	3/30/2012					0							
0753T0357	6/5/2012					0							
0753T0389	3/30/2012					0							
0753T0470	3/30/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0754T0027	3/30/2012					0							
0852T0615	8/22/2012					0							
0852T0620	8/22/2012					0							
0853T0148	8/22/2012					0							
0853T0173	8/22/2012	Clear	None	Clear	No	N/M	7.8	20	0	0	0	.02	0
0853T0356	8/22/2012					0							
0853T0361	8/22/2012					0							
0853T0386(N)	12/17/2012	Clear	None	Clear	No	N/M	7.1	9	0	0	0	0	0
0853T0386(S)	8/22/2012					0							
0853T0387	8/22/2012					0							
0853T0388(N)	8/22/2012	Clear	None	Clear	No	N/M	7.4	20	0	0	0	.2	0
0853T0388(S)	12/17/2012					0							
0853T0392	8/22/2012	Clear	None	Clear	No	.3	8	22	0	0	0	.02	.25
0853T0397	8/22/2012					0							
0853T0411	8/22/2012					0							
0853T0425	8/22/2012					0							
0853T0435	8/22/2012					0							
0853T0492	12/17/2012	Clear	None	Clear	No	N/M	7.0	9	0	0	0	0	.25
0853T0498	8/22/2012					0							
0853T0691	12/17/2012	Clear	None	Clear	No	0.1	7.1	13	0	0	0	0	0
0854T0009	10/5/2012	Clear	None	Clear	No	.5	7.2	18	0	0	0	.6	.25
0854T0019	10/5/2012	Clear	None	Clear	No	.2	7.1	18	0	0	0	.2	.25
0854T0054	2/23/2012					0							
0854T0056	2/23/2012					0							
0854T0079	2/23/2012					0							
0854T0120	2/23/2012	Clear	None	Clear	No	.1	8.0	6	0	0	.3	0	0
0854T0122	2/23/2012					0							
0854T0184	10/5/2012					0							
0854T0359	10/5/2012					0							
0854T0406	2/23/2012					0							
0854T0421	2/23/2012					0							
0854T0465	2/23/2012					0							
0854T0466	2/23/2012					0							
0854T0509	2/23/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0854T0572	2/23/2012					0							
0855T0005	8/21/2012					0							
0855T0097	8/3/2012					0							
0855T0100	8/3/2012					0							
0855T0151	8/21/2012					0							
0855T0169	8/21/2012					0							
0855T0209	10/5/2012					0							
0855T0257	10/4/2012					0							
0855T0259	10/5/2012					0							
0855T0352	10/5/2012					0							
0855T0358	2/23/2012					0							
0856T0433	8/1/2012					0							
0856T0434	8/2/2012					0							
0856T0483	8/1/2012					0							
0856T1126	8/2/2012					0							
0857T0183	8/21/2012					0							
0857T0184	10/5/2012					0							
0857T0194	8/21/2012					0							
0857T0202	8/21/2012					0							
0857T0204	8/21/2012					0							
0857T0221	8/21/2012					0							
0857T0289	7/23/2012	Clear	None	Clear	No	.3	7.8	22	0	0	0	.1	0
0857T0302	7/23/2012					0							
0857T0389	8/1/2012					0							
0857T0469	2/22/2012	Clear	None	Clear	No	.1	7.5	6	0	0	.1	0	.25
0857T0471	2/22/2012	Clear	None	Clear	No	.1	7.0	6	0	0	0	.4	.25
0857T0478	2/22/2012	Clear	None	Clear	No	.1	7.8	5	0	0	0	0	0
0857T0627	7/23/2012	Clear	None	Clear	No	.1	7.9	22	0	0	0	.1	0
0857T0631	7/23/2012					0							
0857T0632	7/23/2012					0							
0857T0674	8/1/2012					0							
0857T0676	8/1/2012					0							
0857T0688	8/1/2012					0							
0857T0938	7/18/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0857T1259	7/24/2012	Clear	None	Clear	No	N/M	7.7	22	0	0	0	.1	0
0857T1266	8/21/2012					0							
0857T1276	7/23/2012	Clear	None	Clear	No	.1	7.3	21	0	0	0	.1	.0
0857T1327	10/5/2012					0							
0858T0023	7/18/2012	Clear	None	Clear	No	N/M	7.1	24	0	0	.6	.1	0
0858T0035	5/18/2012					0							
0858T0042	5/18/2012					0							
0858T0051	7/13/2012					0							
0858T0109	7/13/2012					0							
0858T0236	2/22/2012					0							
0858T0237	2/22/2012	Clear	None	Clear	No	N/M	7.6	6	0	0	0	.3	0
0858T0257	2/22/2012					0							
0858T0259	2/22/2012					0							
0858T0262	7/18/2012					0							
0858T0275	2/22/2012					0							
0858T0280	5/18/2012					0							
0858T0317	5/18/2012					0							
0858T0370	7/13/2012					0							
0858T0492	2/22/2012	Clear	None	Clear	No	.1	7.4	7	0	0	.1	0	0
0973T0686	8/22/2012					0							
0973T0713	8/22/2012					0							
0973T0748	8/22/2012					0							
0974T0031	12/17/2012	Clear	None	Clear	No	N/M	7.3	9	0	0	0	.1	0
0974T0306	12/17/2012					0							
0974T0543	12/17/2012	Clear	None	Clear	No	.1	7.2	9	0	0	0	0	0
0976T0157	8/2/2012	Clear	None	Clear	No	N/M	7.9	21	0	0	0	.1	0
0976T0171	8/2/2012					0							
0976T0185	8/2/2012					0							
0977T0039	8/1/2012					0							
0977T0055	5/15/2012	Clear	None	Clear	No	N/M	7.6	16	0	0	0	.2	0
0977T0138	8/1/2012					0							
0977T0296	5/15/2012					0							
0977T0329	8/2/2012	Clear	None	Clear	No	N/M	7.7	21	0	0	0	0	0
0977T0381	5/16/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
0977T0384	5/16/2012					0							
0977T0939	5/17/2012	Clear	None	Clear	No	.18	7.9	18	0	0	0	.1	.25
0977T0953	5/14/2012					0							
0977T1107	8/1/2012					0							
0978T0194	8/1/2012					0							
0978T0357	5/7/2012	Clear	None	Clear	No	N/M	6.8	15	0	0	0	.1	0
0978T0391	5/7/2012					0							
0978T0550	7/19/2012	Clear	None	Clear	No	N/M	7.5	27	0	0	0	.1	.25
0978T0693	7/19/2012					0							
0978T0694	8/21/2012					0							
0978T0757	4/10/2012					0							
0978T0971	7/19/2012					0							
0978T1061	8/1/2012					0							
0978T1066	7/19/2012					0							
0978T1088	4/10/2012					0							
0978T1281	2/1/2012	Clear	None	Clear	No	.1	7.7	8	0	0	0	.2	.25
0978T1283	2/1/2012					0							
0978T1284	2/1/2012	Clear	None	Clear	No	.1	7.3	7	0	0	0	.8	.25
0978T1415	4/18/2012					0							
0979T0019	7/16/2012					0							
0979T0097	7/18/2012					0							
0979T0253	7/16/2012					0							
0979T0418	7/13/2012					0							
0979T0422	4/10/2012	Clear	None	Clear	No	N/M	6.9	10	0	0	0	.6	.25
0979T0425	7/13/2012					0							
0979T0428	7/13/2012					0							
0979T0515	5/18/2012					0							
0979T0518	5/18/2012					0							
0979T0521	4/19/2012					0							
0979T0523	4/19/2012					0							
0979T0686	1/31/2012					0							
0979T0695	5/18/2012					0							
0979T0748	5/18/2012	Clear	None	Clear	No	.1	7.5	15	0	0	.1	.2	.25
1106T0190	8/3/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
1106T0199	8/3/2012					0							
1106T0333	8/3/2012					0							
1106T0764	5/7/2012					0							
1106T0795	5/7/2012	Clear	None	Clear	No	N/M	6.8	14	0	0	0	0	0
1106T0820	5/7/2012					0							
1106T0836	7/11/2012					0							
1106T0913	5/7/2012	Clear	None	Clear	No	.1	6.9	17	0	0	0	0	.25
1106T0952	5/7/2012					0							
1106T0998	7/11/2012					0							
1106T1006	5/7/2012					0							
1106T1069	7/11/2012					0							
1106T1095	5/7/2012					0							
1107T0138	1/31/2012	Clear	None	Clear	No	.2	7.4	8	0	0	.1	.4	.25
1107T0144	1/31/2012					0							
1107T0270	2/1/2012					0							
1107T0310	4/10/2012	Clear	None	Clear	No	.2	6.9	8	0	0	0	.3	.25
1107T0581	4/18/2012					0							
1107T0586	4/18/2012	Clear	None	Clear	No	.16	7.6	13	0	0	0	.1	0
1107T1234	4/10/2012					0							
1107T1235	4/10/2012					0							
1107T1238	2/1/2012					0							
1107T1241	2/1/2012					0							
1107T1476	1/31/2012					0							
1107T1484	1/31/2012					0							
1107T1533	4/18/2012					0							
1107T1581	1/31/2012					0							
1107T1585	1/31/2012					0							
1108T0106	2/1/2012	Clear	None	Clear	No	N/M	7.6	6	0	0	0	.6	.25
1108T0184	4/10/2012					0							
1108T0216	4/10/2012	Clear	None	Clear	No	.4	7.2	8	0	0	0	.4	.25
1108T0226	4/10/2012					0							
1108T0760	4/11/2012					0							
1108T0764	2/1/2012					0							
1108T0811	4/19/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
1108T1179	4/19/2012					0							
1108T1196	4/11/2012					0							
1108T1204	4/11/2012					0							
1108T1205	4/11/2012					0							
1108T1216	4/10/2012					0							
1108T1223	4/10/2012					0							
1108T1226	4/10/2012					0							
1108T1232	4/11/2012					0							
1108T1275	1/31/2012	Clear	None	Clear	No	N/M	8.2	4	0	0	0	.6	.25
1109T0016	4/10/2012	Clear	None	Clear	No	.1	8.0	8	0	0	.1	.2	0
1236T0035	2/2/2012					0							
1244T0029	4/18/2012					0							
1244T0119	7/11/2012					0							
1244T0139	7/11/2012	Clear	None	Clear	No	N/M	7.3	22	0	0	0	0	0
1244T0202	7/11/2012					0							
1244T0220	7/11/2012					0							
1244T0237	7/11/2012					0							
1244T0257	4/18/2012					0							
1244T0258	7/11/2012					0							
1244T1003	4/18/2012					0							
1245T0276	7/11/2012					0							
1245T0379	7/11/2012					0							
1245T0383	1/31/2012	Clear	None	Clear	No	.1	7.5	6	0	0	0	.4	.25
1245T0415	1/31/2012					0							
1245T0455	2/28/2012					0							
1245T0539	7/11/2012					0							
1245T0612	4/10/2012					0							
1245T0616	4/10/2012					0							
1245T0619	4/10/2012					0							
1245T0666	7/11/2012	Clear	None	Clear	No	.2	7.8	21	0	0	0	.1	.25
167T000B	10/9/2012					0							
AC105	2/2/2012					0							
AC108	10/10/2012					0							
AC109	11/16/2012	Clear	None	Clear	No	.5	8.3	11	0	0	1.0	.6	.25

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
AC110	11/16/2012					0							
AC112	8/24/2012					0							
AC113	8/23/2012					0							
AC115	6/8/2012	Clear	None	Clear	No	.2	7.3	16	0	0	0	.6	.25
AC116	6/8/2012					0							
AC122	11/28/2012					0							
AC123	4/10/2012					0							
AC124	4/10/2012					0							
AC125	4/10/2012					0							
AC126	7/13/2012					0							
AC127	7/18/2012					0							
AC128	7/18/2012					0							
AC129	8/7/2012					0							
AC130	9/25/2012					0							
AC131	11/15/2012					0							
AC132	7/23/2012					0							
AC133	8/23/2012					0							
AC134	9/25/2012					0							
AC135	4/19/2012					0							
AC136	2/1/2012					0							
AC137	6/28/2012					0							
AC138	9/25/2012					0							
AC139	12/17/2012					0							
AC14	3/29/2012					0							
AC140	12/13/2012					0							
AC141	5/31/2012	Clear	None	Clear	No	.1	7.5	14	0	0	0	.8	.25
AC142	5/31/2012					0							
AC143	8/17/2012					0							
AC144	8/21/2012					0							
AC145	10/17/2012					0							
AC146	9/25/2012					0							
AC147	9/25/2012					0							
AC148	9/25/2012					0							
AC149	9/25/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
AC150	10/10/2012					0							
AC151	1/31/2012					0							
AC152	1/31/2012					0							
AC153	11/19/2012					0							
AC154	2/23/2012					0							
AC155	7/12/2012					0							
AC156	7/12/2012					0							
AC157	7/12/2012					0							
AC158	2/1/2012					0							
AC159	10/5/2012					0							
AC160	11/16/2012					0							
AC161	10/5/2012					0							
AC162	10/5/2012					0							
AC163	9/7/2012					0							
AC164	8/7/2012					0							
AC165	11/8/2012					0							
AC166	11/8/2012					0							
AC167	11/8/2012					0							
AC168	8/2/2012	Clear	None	Clear	No	.2	6.9	23	0	0	0	.8	0
AC169	7/18/2012					0							
AC170	8/22/2012					0							
AC171	8/22/2012					0							
AC18	3/5/2012					0							
AC19	3/5/2012					0							
AC2	7/18/2012					0							
AC20	3/5/2012					0							
AC21	3/28/2012					0							
AC25	3/28/2012					0							
AC26	3/28/2012					0							
AC28	3/28/2012					0							
AC29	3/28/2012					0							
AC3	3/29/2012					0							
AC32	3/28/2012					0							
AC34	3/28/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
AC35	3/28/2012					0							
AC36	10/10/2012					0							
AC37	10/10/2012					0							
AC4	3/5/2012					0							
AC46	7/18/2012					0							
AC48	5/29/2012					0							
AC49	5/29/2012					0							
AC5	3/5/2012					0							
AC50	5/29/2012					0							
AC51	5/29/2012					0							
AC52	4/18/2012					0							
AC53	4/18/2012					0							
AC55	11/29/2012					0							
AC56	11/29/2012					0							
AC57	11/29/2012					0							
AC58	11/29/2012					0							
AC59	12/13/2012					0							
AC60	11/28/2012					0							
AC61	8/3/2012					0							
AC63	4/18/2012					0							
AC64	7/19/2012					0							
AC68	5/31/2012					0							
AC69	5/29/2012					0							
AC70	5/29/2012					0							
AC75	12/17/2012					0							
AC76	12/17/2012					0							
AC8	3/5/2012					0							
AC87	9/7/2012					0							
AC88	9/7/2012					0							
AC90	10/9/2012					0							
AC91	9/7/2012					0							
AC92	9/17/2012					0							
AC94	8/21/2012					0							
AC95	8/21/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
AC96	8/21/2012					0							
AC97	8/20/2012					0							
AC99	9/26/2012					0							
BD 16	5/29/2012					0							
BD10	2/28/2012					0							
BD12	4/19/2012					0							
BD13	2/13/2012					0							
BD14	2/13/2012					0							
BD15	2/13/2012					0							
BD20	2/28/2012					0							
BD21	2/28/2012					0							
BD22	2/28/2012					0							
BD23	2/28/2012					0							
BD24	2/28/2012					0							
BD25	4/19/2012					0							
BD26	4/19/2012					0							
BD33	11/30/2012					0							
BD34	2/28/2012					0							
BD35	12/14/2012					0							
BD36	2/28/2012					0							
BD37	2/28/2012	Clear	None	Clear	No	.1	7.9	4	0	0	0	.2	.25
BD39	2/28/2012					0							
BD40	2/28/2012					0							
BD41	2/28/2012					0							
BD42	5/29/2012					0							
BD5	11/30/2012					0							
BW1	3/5/2012					0							
BW100	4/20/2012					0							
BW101	4/24/2012					0							
BW102	4/25/2012					0							
BW103	11/27/2012					0							
BW104	11/27/2012					0							
BW105	11/27/2012					0							
BW106	11/27/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW111	3/6/2012					0							
BW112	3/6/2012					0							
BW113	3/6/2012					0							
BW114	11/20/2012					0							
BW115	11/20/2012					0							
BW120	2/13/2012					0							
BW125	6/6/2012					0							
BW126	6/14/2012					0							
BW127	6/14/2012					0							
BW128	6/14/2012					0							
BW133	10/1/2012	Clear	None	Clear	No	N/M	7.8	18	0	0	0	.4	.25
BW14	3/5/2012					0							
BW143	5/16/2012					0							
BW144	8/31/2012					0							
BW145	8/31/2012					0							
BW146	8/31/2012					0							
BW147	8/31/2012					0							
BW148	6/28/2012					0							
BW149	6/28/2012					0							
BW15	3/5/2012					0							
BW150	8/16/2012					0							
BW151	5/21/2012					0							
BW152	5/21/2012					0							
BW153	5/21/2012					0							
BW154	7/13/2012					0							
BW155	7/13/2012					0							
BW160	10/1/2012					0							
BW168	8/30/2012					0							
BW169	8/30/2012					0							
BW17	3/23/2012					0							
BW172	8/30/2012					0							
BW174	5/16/2012					0							
BW175	5/16/2012					0							
BW179	4/20/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW18	4/17/2012					0							
BW180	4/20/2012					0							
BW181	4/20/2012					0							
BW182	4/20/2012					0							
BW19	4/17/2012					0							
BW191	5/16/2012					0							
BW192	4/25/2012					0							
BW193	4/25/2012					0							
BW194	8/31/2012					0							
BW195	8/31/2012					0							
BW198	6/7/2012					0							
BW199	11/21/2012					0							
BW2	3/5/2012					0							
BW20	4/18/2012					0							
BW200	11/21/2012					0							
BW205	6/25/2012					0							
BW206	5/29/2012					0							
BW207	4/18/2012					0							
BW208	4/18/2012					0							
BW209	4/17/2012					0							
BW21	4/18/2012					0							
BW213	8/31/2012					0							
BW215	6/15/2012					0							
BW216	6/15/2012					0							
BW217	6/15/2012					0							
BW218	6/15/2012					0							
BW22	11/21/2012					0							
BW221	4/12/2012					0							
BW222	4/12/2012					0							
BW223	6/5/2012					0							
BW224	6/5/2012	Clear	None	Clear	No	.6	7.6	15	0	0	0	.4	0
BW225	6/5/2012					0							
BW226	6/5/2012					0							
BW227	6/5/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW23	11/21/2012					0							
BW231	5/11/2012					0							
BW232	8/31/2012					0							
BW233	5/21/2012					0							
BW234	3/29/2012					0							
BW236	5/16/2012					0							
BW237	3/30/2012	Clear	None	Clear	No	.1	8.3	7	0	0	0	.2	.25
BW238	6/15/2012					0							
BW239	3/27/2012					0							
BW24	11/21/2012					0							
BW240	3/27/2012	Clear	None	Clear	No	.2	8.0	10	0	0	0	.1	.25
BW241	3/27/2012					0							
BW242	3/29/2012					0							
BW243	5/31/2012					0							
BW246	10/1/2012					0							
BW247	10/1/2012					0							
BW248	10/1/2012					0							
BW249	10/1/2012					0							
BW25	6/7/2012					0							
BW250	10/1/2012					0							
BW251	3/27/2012					0							
BW255	6/4/2012					0							
BW256	4/18/2012					0							
BW257	4/18/2012					0							
BW258	2/1/2012					0							
BW259	2/1/2012					0							
BW26	6/7/2012					0							
BW260	2/1/2012					0							
BW261	6/25/2012					0							
BW262	6/25/2012					0							
BW263	3/29/2012					0							
BW264	2/13/2012					0							
BW265	2/1/2012					0							
BW266	2/1/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW267	6/25/2012					0							
BW268	4/20/2012					0							
BW269	5/11/2012					0							
BW27	6/7/2012					0							
BW270	5/11/2012	Clear	None	Clear	No	.1	7.2	15	0	0	0	.2	0
BW271	6/8/2012					0							
BW272	6/15/2012					0							
BW273	6/15/2012					0							
BW274	6/15/2012					0							
BW275	11/27/2012					0							
BW276	10/26/2012					0							
BW277	5/30/2012					0							
BW278	5/30/2012					0							
BW279	10/26/2012					0							
BW280	6/28/2012					0							
BW281	5/21/2012					0							
BW282	5/21/2012					0							
BW283	6/27/2012					0							
BW284	10/9/2012					0							
BW285	6/27/2012					0							
BW286	6/27/2012					0							
BW287	6/14/2012					0							
BW288	6/14/2012					0							
BW289	4/25/2012					0							
BW290	4/25/2012					0							
BW291	8/31/2012					0							
BW292	5/23/2012					0							
BW293	5/30/2012					0							
BW294	10/25/2012					0							
BW295	11/30/2012					0							
BW296	11/30/2012					0							
BW298	5/30/2012					0							
BW299	7/18/2012					0							
BW3	3/5/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW300	11/5/2012					0							
BW301	8/3/2012					0							
BW302	8/3/2012					0							
BW303	4/30/2012	Clear	None	Clear	No	N/M	7.5	12	0	0	0	.6	.25
BW304	6/4/2012					0							
BW305	6/4/2012					0							
BW306	5/17/2012					0							
BW307	5/17/2012					0							
BW308	4/13/2012					0							
BW309	5/30/2012					0							
BW310	5/30/2012					0							
BW311	5/30/2012					0							
BW312	5/30/2012					0							
BW313	6/5/2012	Clear	None	Clear	No	.6	7.2	16	0	0	0	.1	.25
BW315	6/14/2012					0							
BW316	10/25/2012					0							
BW317	5/30/2012					0							
BW318	10/25/2012					0							
BW319	5/21/2012					0							
BW320	11/27/2012					0							
BW321	11/27/2012					0							
BW322	6/15/2012					0							
BW323	5/7/2012					0							
BW324	7/13/2012					0							
BW325	11/27/2012					0							
BW326	7/13/2012					0							
BW327	11/5/2012					0							
BW328	7/19/2012					0							
BW329	7/13/2012					0							
BW33	11/30/2012					0							
BW330	11/30/2012					0							
BW331	5/21/2012					0							
BW332	4/17/2012					0							
BW333	5/21/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW334	5/29/2012	Clear	None	Clear	No	.1	7.2	17	0	0	0	.6	0
BW335	5/29/2012					0							
BW336	7/23/2012					0							
BW337	7/23/2012					0							
BW338	5/23/2012					0							
BW339	2/13/2012					0							
BW34	11/30/2012					0							
BW340	2/13/2012					0							
BW341	2/13/2012					0							
BW342	2/13/2012					0							
BW343	5/16/2012					0							
BW344	2/13/2012					0							
BW345	6/14/2012					0							
BW346	6/14/2012					0							
BW347	6/5/2012					0							
BW348	11/20/2012					0							
BW349	3/27/2012					0							
BW35	8/3/2012					0							
BW350	3/27/2012					0							
BW351	3/29/2012					0							
BW352	3/29/2012					0							
BW353	3/27/2012					0							
BW354	4/9/2012					0							
BW355	4/30/2012					0							
BW356	4/30/2012					0							
BW357	4/18/2012					0							
BW358	5/23/2012					0							
BW359	5/23/2012					0							
BW360	5/23/2012					0							
BW361	4/20/2012					0							
BW362	5/23/2012					0							
BW363	5/17/2012					0							
BW364	5/17/2012					0							
BW365	8/31/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW366	8/31/2012					0							
BW367	8/31/2012					0							
BW368	3/29/2012					0							
BW369	3/29/2012					0							
BW37	3/23/2012					0							
BW370	3/29/2012					0							
BW371	11/20/2012					0							
BW372	3/29/2012					0							
BW373	3/29/2012					0							
BW38	3/23/2012					0							
BW4	3/5/2012					0							
BW43	9/12/2012					0							
BW45	7/13/2012					0							
BW47	6/8/2012					0							
BW48	6/8/2012					0							
BW49	6/8/2012					0							
BW54	3/30/2012					0							
BW55	3/30/2012					0							
BW57	4/12/2012					0							
BW58	4/12/2012					0							
BW59	4/12/2012					0							
BW60	4/12/2012					0							
BW61	5/30/2012					0							
BW62	5/30/2012					0							
BW63	5/30/2012	Clear	None	Clear	No	.1	6.9	14	0	0	0	.6	0
BW64	5/30/2012					0							
BW65	6/6/2012					0							
BW66	6/6/2012					0							
BW67	6/6/2012					0							
BW68	4/9/2012					0							
BW70	8/31/2012					0							
BW71	4/25/2012					0							
BW72	4/25/2012					0							
BW73	4/25/2012	Clear	None	Clear	No	.1	7.4	11	0	0	.8	0	0

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
BW74	4/25/2012					0							
BW75	3/7/2012					0							
BW76	6/7/2012					0							
BW77	5/21/2012					0							
BW78	4/25/2012					0							
BW79	4/3/2012					0							
BW80	4/3/2012					0							
BW81	5/17/2012					0							
BW82	5/17/2012					0							
BW83	5/17/2012					0							
BW87	4/20/2012					0							
BW9/20	3/29/2012					0							
BW90	10/26/2012					0							
BW92	10/25/2012					0							
BW97	4/24/2012					0							
BW98	4/24/2012					0							
BW99	4/24/2012					0							
OL100	9/25/2012					0							
OL101	8/1/2012	Clear	None	Clear	No	.3	8.0	24	0	0	.2	.2	0
OL102	8/1/2012					0							
OL103	10/5/2012	Clear	None	Clear	No	.1	7.4	18	0	0	0	.2	.25
OL104	5/31/2012					0							
OL107	8/7/2012					0							
OL108	9/20/2012					0							
OL109	3/7/2012					0							
OL111	8/7/2012					0							
OL112	6/4/2012					0							
OL114	5/14/2012					0							
OL115	3/27/2012					0							
OL116	3/27/2012					0							
OL117	3/27/2012					0							
OL118	8/8/2012					0							
OL119	8/16/2012					0							
OL120	9/25/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
OL121	9/17/2012					0							
OL122	9/17/2012					0							
OL123	9/17/2012					0							
OL124	9/17/2012					0							
OL125	8/20/2012					0							
OL126	8/20/2012					0							
OL127	5/31/2012					0							
OL128	5/31/2012	Clear	None	Clear	No	N/M	8.4	18	0	0	0	.1	.25
OL129	8/20/2012					0							
OL130	8/15/2012					0							
OL131	8/15/2012					0							
OL132	8/2/2012					0							
OL133	3/27/2012					0							
OL134	9/25/2012					0							
OL135	8/3/2012					0							
OL138	8/21/2012					0							
OL139	10/5/2012					0							
OL14	9/21/2012					0							
OL140	9/25/2012					0							
OL141	9/25/2012					0							
OL142	9/25/2012					0							
OL143	6/25/2012					0							
OL144	3/23/2012					0							
OL145	5/31/2012	Clear	None	Clear	No	N/M	8.4	18	0	0	0	.1	0
OL147	11/7/2012					0							
OL148	8/7/2012					0							
OL149	8/7/2012					0							
OL15	6/25/2012					0							
OL150	8/7/2012					0							
OL151	8/23/2012					0							
OL152	8/30/2012					0							
OL153	8/30/2012					0							
OL154	8/20/2012					0							
OL155	8/15/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
OL156	3/23/2012					0							
OL157	3/27/2012					0							
OL16	6/25/2012					0							
OL160	5/7/2012					0							
OL161	5/7/2012	Clear	None	Clear	No	N/M	7.1	17	0	0	0	.1	0
OL162	7/31/2012					0							
OL163	7/31/2012					0							
OL164	4/24/2012					0							
OL165	4/25/2012					0							
OL166	9/25/2012					0							
OL167	4/25/2012	Clear	None	Clear	No	N/M	7.6	10	0	0	0	.1	.25
OL168	8/1/2012					0							
OL169	8/1/2012					0							
OL17	6/25/2012					0							
OL170	12/17/2012					0							
OL173	8/17/2012					0							
OL174	6/4/2012					0							
OL175	8/15/2012					0							
OL177	9/13/2012					0							
OL178	9/13/2012					0							
OL18	3/23/2012					0							
OL181	5/21/2012					0							
OL182	5/21/2012					0							
OL183	5/21/2012					0							
OL184	5/21/2012					0							
OL185	8/3/2012					0							
OL186	3/30/2012					0							
OL187	9/26/2012					0							
OL188	8/17/2012					0							
OL19	5/31/2012					0							
OL190	9/17/2012					0							
OL191	5/21/2012					0							
OL192	11/7/2012					0							
OL193	11/7/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
OL194	11/7/2012					0							
OL195	8/2/2012					0							
OL196	7/30/2012					0							
OL197	7/30/2012					0							
OL198	5/23/2012					0							
OL199	5/23/2012					0							
OL200	5/18/2012					0							
OL201	5/18/2012					0							
OL202	5/30/2012					0							
OL203	9/21/2012					0							
OL204	9/21/2012					0							
OL205	11/5/2012					0							
OL206	11/5/2012					0							
OL207	9/20/2012					0							
OL208	9/20/2012					0							
OL209	9/20/2012					0							
OL21	8/20/2012					0							
OL210	9/20/2012					0							
OL211	9/21/2012					0							
OL25	2/22/2012					0							
OL27	8/16/2012					0							
OL28	3/27/2012					0							
OL3	9/24/2012					0							
OL31	8/7/2012					0							
OL33	7/31/2012					0							
OL34	8/7/2012					0							
OL44	9/26/2012					0							
OL46	10/5/2012					0							
OL48	11/5/2012					0							
OL5	9/24/2012					0							
OL50	11/7/2012					0							
OL51	9/25/2012					0							
OL53	8/23/2012					0							
OL58	9/26/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
OL60	8/15/2012					0							
OL61	8/17/2012					0							
OL62	8/17/2012	Clear	None	Clear	No	N/M	7.7	18	0	0	0	.1	0
OL72	8/7/2012					0							
OL73	8/7/2012					0							
OL76	5/30/2012					0							
OL8	3/7/2012					0							
OL80	11/7/2012					0							
OL81	5/23/2012	Clear	None	Clear	No	.22	7.7	17	0	0	0	.1	0
OL82	5/21/2012	Clear	None	Clear	No	.37	8.2	20	0	0	0	.1	.25
OL83	5/23/2012	Clear	None	Clear	No	.4	8.4	19	0	0	0	.1	0
OL84	9/21/2012					0							
OL85	3/7/2012	Clear	None	Clear	No	N/M	8.2	9	0	0	.1	.1	0
OL86	8/16/2012	Clear	None	Clear	No	N/M	8.0	21	0	0	0	.1	0
OL87	8/31/2012	Clear	None	Clear	No	N/M	8	18	0	0	0	.1	.25
OL88	7/31/2012					0							
OL9	9/24/2012					0							
OL90	4/25/2012					0							
OL91	4/24/2012	Clear	None	Clear	No	.55	7	10	0	0	0	0	.25
OL92	4/25/2012					0							
OL93	3/7/2012					0							
OL94	3/27/2012	Clear	None	Clear	No	.23	7.6	16	0	0	0	.1	0
OL95	5/21/2012	Clear	None	Clear	No	N/M	8.1	20	0	0	0	.1	0
OL96	8/7/2012	Clear	None	Clear	No	7.9	8.6	18	0	0	0	0	.25
OL97	5/16/2012					0							
OL98	2/23/2012					0							
OL99	6/4/2012					0							
SC10	5/24/2012					0							
SC102	11/6/2012					0							
SC103	10/12/2012					0							
SC105	6/28/2012					0							
SC108	4/17/2012					0							
SC123	10/11/2012					0							
SC124	9/11/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
SC126	9/11/2012					0							
SC13	3/29/2012					0							
SC134	5/14/2012					0							
SC135	5/14/2012					0							
SC136	5/16/2012					0							
SC14	4/20/2012	Clear	None	Clear	No	N/M	7.2	15	0	0	0	.1	0
SC143	4/9/2012					0							
SC15	11/8/2012					0							
SC153	10/9/2012					0							
SC154	10/9/2012					0							
SC157	12/20/2012					0							
SC158	12/20/2012					0							
SC162	2/7/2012					0							
SC163	2/7/2012					0							
SC164	6/28/2012					0							
SC165	6/28/2012					0							
SC166	5/17/2012					0							
SC169	11/27/2012					0							
SC177	6/26/2012					0							
SC178	6/26/2012					0							
SC179	6/26/2012					0							
SC182	3/29/2012					0							
SC185	10/17/2012					0							
SC186	9/11/2012					0							
SC187	9/11/2012					0							
SC191	10/17/2012					0							
SC192	10/17/2012					0							
SC193	11/8/2012					0							
SC194	10/12/2012					0							
SC195	8/24/2012					0							
SC196	8/24/2012					0							
SC197	8/24/2012					0							
SC198	4/3/2012					0							
SC199	11/15/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	CI2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
SC215	6/15/2012					0							
SC216	6/15/2012					0							
SC228	8/24/2012					0							
SC23	6/28/2012					0							
SC232	11/27/2012					0							
SC233	9/12/2012					0							
SC234	8/6/2012					0							
SC235	11/16/2012					0							
SC237	9/12/2012					0							
SC243	5/24/2012					0							
SC244	11/27/2012					0							
SC245	9/24/2012					0							
SC246	5/25/2012					0							
SC250	6/26/2012					0							
SC251	10/12/2012					0							
SC252	4/9/2012	Clear	None	Clear	No	N/M	6.9	12	0	0	0	.4	0
SC253	3/7/2012					0							
SC255	4/20/2012					0							
SC258	5/24/2012					0							
SC259	11/27/2012					0							
SC274	5/22/2012					0							
SC275	5/22/2012					0							
SC276	2/13/2012					0							
SC278	11/9/2012					0							
SC279	11/9/2012					0							
SC28	10/9/2012					0							
SC280	11/8/2012					0							
SC281	11/8/2012					0							
SC282	11/9/2012					0							
SC283	12/13/2012					0							
SC284	6/15/2012					0							
SC285	5/18/2012					0							
SC288	5/25/2012					0							
SC289	5/22/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
SC29	10/9/2012					0							
SC290	5/22/2012					0							
SC291	5/18/2012					0							
SC297	4/3/2012					0							
SC298	11/20/2012					0							
SC299	12/13/2012					0							
SC301	11/16/2012					0							
SC302	6/27/2012					0							
SC305	2/27/2012					0							
SC308	5/24/2012					0							
SC309	11/27/2012					0							
SC310	5/18/2012					0							
SC311	11/20/2012					0							
SC313	4/9/2012					0							
SC313	4/9/2012	Clear	None	Clear	No	N/M	6.9	14	0	0	0	.2	.25
SC314	8/24/2012					0							
SC315	10/17/2012					0							
SC316	8/24/2012					0							
SC317	8/24/2012					0							
SC318	8/24/2012					0							
SC319	6/21/2012					0							
SC32	11/9/2012					0							
SC320	4/3/2012					0							
SC321	10/12/2012					0							
SC322	10/12/2012					0							
SC323	11/9/2012					0							
SC324	5/23/2012					0							
SC325	11/16/2012					0							
SC326	11/20/2012					0							
SC327	11/16/2012					0							
SC328	11/9/2012					0							
SC329	11/8/2012					0							
SC33	11/9/2012					0							
SC330	11/19/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C ^o	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
SC331	10/11/2012					0							
SC332	10/11/2012					0							
SC333	10/11/2012					0							
SC334	10/11/2012					0							
SC335	10/11/2012					0							
SC336	10/12/2012					0							
SC337	4/17/2012					0							
SC34	11/9/2012					0							
SC341	2/27/2012					0							
SC342	3/5/2012					0							
SC343	3/5/2012	Clear	None	Clear	No	.2	7.8	8	0	0	0	.1	.25
SC344	4/9/2012					0							
SC348	11/15/2012					0							
SC350	4/3/2012					0							
SC351	4/3/2012					0							
SC352	4/3/2012					0							
SC353	6/21/2012					0							
SC354	4/3/2012					0							
SC355	9/5/2012					0							
SC356	9/5/2012					0							
SC358	4/20/2012					0							
SC359	4/20/2012					0							
SC360	4/20/2012					0							
SC361	4/20/2012					0							
SC362	3/29/2012					0							
SC363	3/29/2012					0							
SC364	2/7/2012					0							
SC365	4/20/2012					0							
SC366	4/20/2012					0							
SC367	4/20/2012					0							
SC368	12/24/2012					0							
SC369	4/17/2012					0							
SC370	5/24/2012					0							
SC371	11/27/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
SC372	11/27/2012					0							
SC373	11/27/2012					0							
SC374	11/27/2012					0							
SC375	12/3/2012					0							
SC376	3/6/2012					0							
SC379	2/27/2012					0							
SC380	4/9/2012					0							
SC381	12/24/2012					0							
SC382	8/24/2012					0							
SC383	6/21/2012					0							
SC384	9/11/2012					0							
SC385	6/21/2012					0							
SC386	5/18/2012					0							
SC387	5/18/2012					0							
SC388	8/6/2012					0							
SC389	11/27/2012					0							
SC4	11/27/2012					0							
SC46	10/9/2012					0							
SC50	5/24/2012					0							
SC51	12/20/2012					0							
SC54	5/24/2012					0							
SC59	5/24/2012					0							
SC62	12/20/2012					0							
SC74	11/27/2012					0							
SC77	9/24/2012					0							
SC79	11/15/2012					0							
SC86	5/24/2012					0							
SC89	5/16/2012					0							
SC9	5/24/2012					0							
SC91	5/24/2012					0							
SC93	4/17/2012					0							
SC98	10/17/2012					0							
SC99	10/9/2012					0							
WC1	4/9/2012					0							

Notes: N/M = Not Measurable

2012 DRY WEATHER MAJOR FIELD SCREENING RESULTS

NODEID	DATE	COLOR	ODOR	TURBIDITY	OIL SHEEN	FLOW	pH	TEMP	CU	PHENOLS	Cl2	NH3	DET
UNITS						cfs		C°	mg/L	mg/L	mg/L	mg/L	mg/L
LIMITS							6.5-9.0		0.01	1.5	1	2.5	1
WC12	2/27/2012					0							
WC13	2/27/2012					0							
WC14	2/27/2012					0							
WC15	2/27/2012					0							
WC16	2/27/2012					0							
WC17	2/27/2012					0							
WC18	2/27/2012					0							
WC19	2/27/2012					0							
WC2	4/9/2012					0							
WC20	2/27/2012					0							
WC21	2/27/2012					0							
WC22	2/27/2012					0							
WC23	3/23/2012					0							
WC26	2/27/2012					0							
WC27	2/27/2012					0							
WC28	2/27/2012					0							
WC29	2/27/2012					0							
WC30	4/9/2012	Clear	None	Clear	No	.1	7.9	10	0	0	0	.3	.25
WC31	4/9/2012					0							
WC32	4/9/2012					0							
WC33	4/9/2012					0							
WC34	3/23/2012					0							
WC5	4/9/2012					0							
WC6	4/9/2012					0							
WC7	4/9/2012					0							
WC8	4/9/2012					0							

Notes: N/M = Not Measurable

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
1/11/2012	Calgon Carbon 835 N. Cassady Avenue, Columbus, OH 43219	Overhead piping hit by an overloaded truck tearing down the process water and city water line.	Did not enter MS4.
1/26/2012	YRC 5400 Fisher Rd. Columbus, OH 43228	Accidental spill of detergent at terminal during heavy rain event. Clean up efforts were hampered by rain and some product made it to a CB on the lot and entered the MS4.	Area was cleaned up. Detergent that entered MS4 was held up in ditch by cattails at railroad tracks, diluted, and dissipated. Mike Dalton, OEPA concurred with that assessment.
1/26/2012	Homeowner 2886 Valleyview Dr Columbus OH 43204	Leak in septic tank at 2886 Valleyview Drive migrating to 2900 Valleyview and being discharged to street by sump pump.	Health Department had residents at 2886 Valleyview Drive repair septic system.
2/3/2012	TNT Powerwash Inc. 708 Internet Drive, Columbus, OH 43207	Washing cars at car dealer, some use of inlet protection, but the mats were not in place when we arrived.	Ordered employees to stop washing. Explained the violation and gave copies of C.C. 1145.75 and Power Wash Memo. NOV-RAP 3/27/12
2/17/2012	HSW Express Detail Center 1340 E. 5th Ave, Columbus, OH 43219	Washing and detailing cars using a mobile power wash truck outside the business garage bay. No inlet protection or containment of wash water.	Explained the violation and gave copies of C.C. 1145 and the Power Wash Memo. Ordered that the washing stop until a violation could be prevented. NOV-RAP 3/14/12
2/23/2012	Mango's Café 21 Smith Place, Columbus, OH 43201	Paint removal from the front wall of the business. Scrubbing walls with paint stripper and rinsing with a hose.	Explained the violation and gave copies of C.C. 1145.75 and the Power Wash Memo. This was a combined sewer area. Employees were told to contain any discharge. NOV-RAP 3/12/12
2/24/2012	Metro Park Property 2820 Watkins Road, Columbus, OH 43207	Foul smelling groundwater pooling within the park area. No entry into MS4.	Took sample to the Surveillance Lab at Fairwood, results showed traces of oils. Notified Metro Parks.
2/29/2012	Mr. Jewell Hale 3131 Aerosmith Drive, Columbus, OH 43068	A white Chevy Impala owned by Mr. Hale was leaking a lot of oily fluids on the City streets. No effort was made to clean up or contain the spilled fluids.	Distributed We All Live Downstream and C.C. 1145.75. Followed-up on 3/5/12 with Mr Hale and area was cleaned.

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
3/6/2012	City of Columbus/ Design and Construction 1800 E 17th Ave, Columbus, OH 43219	The new water line that was installed had been backfilled with reclaim 304 and would leach out reclaim 304 residue through a old broken 8" clay storm during rain events.	City Design and Construction corrected the problem.
3/15/2012	Unknown	Report of an oil sheen on Alum Creek at the Jewish Center foot bridge on 3/14/12.	Checked Alum Creek from Rt. 70 bridge north to Livingston Avenue, no oil was seen.
4/3/2012	Rave Cinemas 1071 Gemini Place Columbus OH	Leaking trash compactor.	Distributed C.C. 1145.75 and explained violation. Establishment contacted Waste Management to replace unit. NOV-RAP 4/24/12
4/9/2012	Kenny-Oboyashi JV 2020 Jackson Pike, Columbus, OH 43223	Failure to maintain sediment BMP's onsite and direct pumping into the MS4.	Onsite personnel cleaned the sediment out of the open channel and outfall area. Discharge into the river was clear as of 04/20/2012. NOV-RAP 6/4/12
4/13/2012	Utilicon Corporation 888 E. 70th Street, Cleveland, OH 44103	Cleaning water main during relining project, pumped out material into the curb line. A sediment bag was used but not properly sealed on the discharge line.	Ordered immediate cleanup of sludge in the curb line and catch basin. NOV-RAP 4/30/12
4/19/2012	A.E.P. 850 Tech Center Dr, Gahanna, OH 43230	Transformer failed and leaked oil into the storm lines. This area is in Upper Arlington but outfalls at 4374 Stimson Dr in Columbus.	Once we found the source, we checked outfall and stream. Oil had dissipated. Sent a email and called Upper Arlington Public Service Department to explain our findings.
4/24/2012	Unknown	Ditch maintenance crew found foul smelling water in a ditch along Sunbury. We found 10ppm ammonia and traced the sewage into a 10-12 inch storm sewer upstream.	3992 Glenoak had a aerator connection in a manhole. Turned over to Columbus Health Department.
4/25/2012	Unknown	Sewage in a 12" storm sewer going North along Maize Road.	We were able to narrow the discharge to four possible homes. Unable to determine which system was failing. Turned over to Columbus Health Department.

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
4/30/2012	Unknown	Report of a white substance in the stream behind 4298 Maize Road. outfall.	Crew saw nothing in the stream or in storm sewer upstream of
5/3/2012	Kroger (Store569) 150 West Sycamore Street, Columbus, OH 43215	Trash dumpster leaking where it connects to the compactor causing sludge and liquids to get on the parking lot. Material did not enter storm sewer.	Store Manager informed us that they are changing out trash vendors and getting equipment fixed. They cleaned area with oil dry and scraped up material.
5/10/2012	Unknown	City received a call on 05/09/2012 about a green substance in the stream behind 947 Forest Creek Drive East .	Stream was clear. No signs of pollution.
5/10/2012	Unknown	Residents saw a sudden discharge of liquid from a 24" outfall behind the condos. Discharge lasted about 15 minutes. Neighborhood Association leaders took photos and called police	City Complaints Section traced the discharge to an inlet near 2233 Hedgerow. When we arrived the next day, there was no evidence of any discharge.
5/24/2012	Pilot Travel Center 3600 Interchange Rd, Columbus, OH 43204	Power washing parking lot to remove staining, no containment of wash water.	Explained violation and distributed C.C. 1145.75 and Power Wash Memo to the Manager. NOV-RAP 6/7/12
5/25/2012	Columbus Division of Water	Water leak detected with about 1.5ppm chlorine in outfall 0118T0500. We traced it into the neighborhood.	Notified Leak Detection. They said that the neighborhood has an issue with faulty service lines.
6/6/2012	Clyde and Fanny Blake 3967 Elkton Street, Columbus, OH 43207	Washing machine connected to the sump pump causing water to discharge into the street. Dye test confirmed the source.	Advised resident to disconnect the laundry discharge from the sump pump and connect it to sanitary sewer. Follow-up, laundry discharge is now connected to the sanitary sewer. NOV-RAP 6/25/12
6/12/2012	Sunny Isle Apartments/ CSN Realty 136 Brighton Avenue, Deal, NJ 07723-1279	Private lateral sewer backup. Maintenance staff pumped a flooded basement utility room into a parking lot inlet to allow access to the blockage.	We explained the violation, management was aware of the issue and admitted fault. NOV-RAP 8/7/12

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
6/19/2012	Unknown	Found a strange looking substance floating on the water below a dry weather sampling location. Source seemed to be a blind connection into a culvert at Manor Park Drive.	Boomed the creek, took a sample for the lab and notified OEPA. The culvert was not part of the MS4 and turned over to the OEPA.
6/27/2012	Unknown	Call from OEPA about an oil sheen coming from a flap gate outfall in North Bank Park. Stormwater and Pretreatment Sections responded.	No sheen was visible on the water when we arrived, only a light biological film. Searched up and down from the bank, no oil sheen seen.
7/11/2012	The Ohio State University 1314 Kinnear Rd, Columbus, OH 43212	12" Sanitary line tapped into structure 0053T3089 which is a storm line. Sanitary line comes from Hitchcock Hall.	Gave our findings to Ohio State University and they disconnected the sanitary line from the storm line.
7/18/2012	Resident 2300 Sunbury Rd. Columbus, OH 43219	Received a report of a sewage discharge at 2322 Sunbury Road. This address does not have a visible connection to the storm sewer, but the discharge from 2300 Sunbury Road tested 10ppm for ammonia with staining consistent with sewage.	Columbus Health Department had resident correct problem.
7/19/2012	Unknown	Yard waste dumped along a creek channel near 3090 Scioto Trace. Resident said that this was not her property, and that the yard waste had been moved to that spot by someone else.	Made resident aware of C.C. 1111 prohibiting dumping into or on the banks of streams. Left educational material. Resident voluntarily did cleanup of the stream banks.
7/25/2012	Wendy's 8450 N High St Columbus OH 43235	Employees were washing sidewalks.	Distributed 1145.75, and explained proper disposal methods. NOV-RAP 8/10/12
8/13/2012	Local Waste 1300 S. Columbus Airport Rd, Columbus, OH 43207	Trash truck blew a hydraulic line and spilled the fluid at several spots, including a large puddle at the intersection of Corporate Exchange and Cooper Rd.	Local Waste cleaned up the spill using sand and oil dry to absorb the fluid. Checked outfall, no discharge to Alum Creek.
8/28/2012	Marzetti 1709 Frank Rd, Columbus, OH 43223	Exhaust fan from processing area pulling milk powder onto roof. Milk powder with condensate from HVAC units entered roof drain and into MS4.	Explained to the company that this a violation of C.C. 1145.75 and that the problem needed addressed. Company performed clean-up. NOV-RAP 9/10/12

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
8/30/2012	Unknown	Report of a green slick on a retention pond that may have originated from pipe outfall.	We determined that the substance was a blue-green algae bloom, not an illicit discharge.
9/4/2012	Cautela Cement 7069 Worthington Galena Rd Worthington, OH 43085	Cleaned up concrete work area with broom and water, no containment on catch basin.	Explained City Code 1145.75. No muddy water was visible at the outfall. Cautela cleaned up work area. NOV-RAP 9/11/12
9/4/2012	Goo Goo Carwash 2202 Polaris Parkway, Columbus, OH 43240	Detergents getting into storm line when business is brush washing cars over storm inlet	Gave company a copy of 1145.75 and We All Live Downstream. NOV-RAP 11/12/12
9/7/2012	Los Potosinos 170 N Hamilton Rd, Columbus, OH,43203	Business owner dumped mop water into curb inlet. Owner admitted to doing this. This inlet goes to a combined sewer.	Gave business owner a copy of 1145.75, We All Live Downstream and Outdoor Cleaning Activities. NOV-RAP 10/5/12
9/28/2012	Unknown	Storm sewer construction crew on Olentangy River Road noticed sewage and green dye in the sewer when they pulled out a temporary bulkhead. The bulkhead had been installed on 9/25 to keep their work site dry during rains.	No sewage detected and no flow in the storm sewer.
10/5/2012	Brandon Emmons Chapman 6312 Ambleside Dr. Columbus, OH 43229	Mr. Chapman poured used motor oil down a storm inlet.	Mr. Chapman contacted a environmental company cleaning company to clean the affected area. Mr. Tatman, Solid Waste Inspector for City is handling enforcement.
10/11/2012	Dirt 4 U 5075 Refugee RD Baltimore, OH 43105	Saw cutting slurry pushed into curb inlet during clean-up.	Inlet was vactored and curb cleaned. Distributed copy of C.C. 1145.75. NOV-RAP 11/6/12
10/17/2012	DanCor Inc 2155 Dublin Rd Columbus, OH 43228	Dry weather sampling of outfall 0080T0111 detected strong sewage concentration. Upstream tracking revealed that discharge of sewage was occurring from Dancor aerator.	Notified Kathryn Madden of Columbus Health Department of the discharge e-mail on 10/18/12.

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
10/22/2012	Tony Ricos On-the-Go 6631 Whittier Columbus, OH 43206	Detail shop washing cars on lot and water running into curb and inlet.	Distributed City Code 1145.75 and ordered shop to stop washing. NOV-RAP 11/28/12
10/22/2012	Mach I Auto Care 6631 Guinevere Drive, Columbus, OH 43229	Flushing radiator with hose (after draining coolant) and washing auto engine. Wash water going across the driveway into the street.	Ordered work to stop, cleanup performed. Explained and distributed C.C. 1145.75. NOV-RAP 11/30/12
10/23/2012	JMO Builders 14920 Empire Rd. Thornville OH 43076	JMO Builders was spraying water to control dust. They were not using inlet protection. The construction run-off entered our MS4.	JMO personnel were informed they needed to use inlet protection. We informed them about City Code 1145.75 and they received a copy of same. NOV-RAP 11/1/12
10/25/2012	Homeowner 1275 Carolwood, Columbus, OH 43227	Complaint from citizen stating that resident at 1275 Carolwood was stuffing leaves into catch basin in front of house.	Checked inlets in front of 1275 Carolwood and found no leaves in storm sewer.
10/29/2012	Unknown	Contractor painting for 470 Village Drive washed out equipment near the creek. Discharge was reported by downstream neighbors.	Since the discharge was directly to State waters, turned investigation over to Wes Drake of OEPA when he arrived.
11/5/2012	SC Wash and Tan 1400 N. High Street, Columbus, OH 43201	Power washing sidewalks outside the store with plain water, no containment. Wash water going through the parking lot into the street.	Ordered the work to stop, explained the violation and C.C. 1145.75. Employee said he would contain wash water and direct it to a grassy area. NOV-RAP 12/13/12
11/19/2012	Ms. Alyaa Mageed 3222 Glenellen Court, Columbus, OH 43221	Evidence of paint washout found during dry weather sampling. Resident at the house admitted that his brother spilled paint on a car mat and washed it out at the curb.	Explained and distributed C.C. 1145.75 and educational material. Cleaned up stained leaves below the outfall. Reinstalled a storm drain marker on the inlet. RFVC-12/17/12
11/28/2012	Summit Park Apartments 4370 LeMarie Ct, Columbus, OH 43224	Private lateral backup caused release of sewage from the cleanout into the parking lot area.	Could not determine if MS4 was affected, no flow. Roto Rooter had unclogged the leak on 11/27/12. Apartment maintenance cleaned up solids near the cleanout.

**2012 Illicit Discharge
Investigation Summary**

Date Reported	Name / Company Address	Cause	Resolution
12/3/2012	Starcraft Construction 2711 S Old State Rd, Galena, Oh 43201	Power washing paint off old building. Employees of Starcraft Construction were not using inlet protection. Paint chips and milky white residue entered our MS4	We informed Starcraft about C.C. 1145.75 and they received a copy of same. We placed inlet protection around affected catch basins. NOV-RAP 12/17/12
12/12/2012	Columbus Division of Water	We found high volume flow of City water in both structure 0127S0424 and structure 0127T0423. Chlorine level was 2.0 in storm. Sanitary flow in storm.	Contacted leak detection on 12-12-12. Service request #1217060. Followed up on 01-04-2013. Will dye test when water leak fixed.
12/21/2012	Unknown	Received a complaint that someone was dumping floor scrubbing wash water into a City sewer inlet at 590 Cassady Avenue.	We found nothing in the sewer inlet. Talked to the cleaning company and distributed C.C.1145.75 and the Outdoor Washing Memo.

SERVICE REQUEST REPORT

23 JAN 2013
08:04 AM

Service Request No.
1217368

1217368

Created Date: 12/18/2012 08:55 PM

CLOSEOUT INFORMATION

Start: 12/18/2012 10:10 PM	Finish: 12/18/2012 10:45 PM	Completed: _____
Failure: YNCF	Repair: _____	Further Action: YNFAN
Comments: After checking upstream MH# 0029S0504 and down stream MH# 0029S0500 we found no signs of Gas in sewer .		
Inspected By: Bowling/Pasmore	Date: 18-DEC-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 20-DEC-12	

SPECIFICATIONS

ID: 1216324	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013

08:04 AM

Created Date: 12/18/2012 08:55 PM

Service Request No:
1217368

1217368

WORK LOCATION

Address: 700 NEW YORK AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: cols fire called, they have responded to a call of gasoline in the sewer.
--

Requested Date:	Crew: BOWJ1	Dept: SEWERS	Area: 0029
Next Approver:			
Dispatcher: BOBO, DAVID L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 12/18/2012 11:02:10PM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: cols fire	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-1899 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:03 AM

Service Request No. ***1216087***
1216087

Created Date: 11/21/2012 03:52 PM

CLOSEOUT INFORMATION

Start: 11/21/2012 04:15 PM	Finish: 11/21/2012 04:30 PM	Completed: Y
Failure: YNCF	Repair: YNOREPAIR	Further Action: _____
Comments: CHECKED 12 X 6 CULVERT T2943 FOUND NO SHEEN VISIBLE ON WATER.		
Inspected By: MBOYD/DMARTIN	Date: 21-NOV-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 29-NOV-12	

SPECIFICATIONS

ID: 1215214	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
<u>Seq. No</u>	<u>Attribute</u>	<u>Value</u>	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013

08:03 AM

Service Request No.
1216087***1216087***

Created Date: 11/21/2012 03:52 PM

WORK LOCATION

Address: MAIN ST	Suite:
Cross Street: CIVIC CENTER DR	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: E.P.A. reported a visible oil sheen on the river coming from one of the pipes at the Main St. bridge.

Requested Date:	Crew: BOYM1	Dept: SEWERS	Area: 0001
Next Approver:			
Dispatcher: SCOTT, MARCIA R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 11/28/2012 08:12:48AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: Foster, Mike	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 645-7075	Ext: Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

09:08 AM

Created Date: 11/21/2012 10:12 AM

Service Request No.
1216061***1216061***

SPECIFICATIONS

Seq. No	Attribute	Value
40	CAUSE = SURCHARGED - Y	
35	CAUSE = DEBRIS - Y	
30	CAUSE = ROOTS - Y	
25	CAUSE = GREASE - Y	
20	MH # - DOWNSTREAM OF BLOCKAGE	0039s0292
15	MH # - UPSTREAM OF BLOCKAGE	0039s0293
10	STRUCTURE OVERFLOWED #	0039s0293
80	RECEIVING WATERWAY?	Scioto
5	DESIGNED SEWER RELIEF - DSR #	DSR # 206

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013

09:08 AM

Service Request No.
1216061

1216061

Created Date: 11/21/2012 10:12 AM

CLOSEOUT INFORMATION

Start: 11/21/2012 10:05 AM	Finish: 11/21/2012 10:50 AM	Completed: Y
Failure: YMHOP	Repair: YJETTED	Further Action: YCCTV
Comments: YSSO3 Engineered sanitary overflow number 206 was found overflowing during routine inspection @ 10:05 am. The 8 inch sanitary sewer was stopped up at upstream manhole # 0039s0292. The sewage entered the storm system from the engineered overflow in manhole number 0039s0293. Attempts to contain the sewage at manhole # 0039t0268 with sandbags were unsuccessful. Sewer was opened with a vactor (Dave Parquet) and overflow ended at 10:50 am. Distpatch was notified. Signs and door hangers were not placed at the site because the sewage was contained in the storm system. Signage exists at the discharge location, structure number 0040t0076. Need to have one section of sanitary sewer telemonitored from upstream Mh#0039s0293 to Mh#0039s0292, to check condition of sewer. last recorded overflow was 10/10/12.		
Inspected By: Link/Davey	Date: 21-NOV-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 17-JAN-13	

SPECIFICATIONS

ID: 1215211	Category: DOSD WORK DAT	Type: WIB-MSS	Title: WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute	Value	
80	TV TO #		
5	CHECKED FROM STRUCTURE #		
70	CLEAN TO #		
65	CLEAN FROM #		
60	WORK SEQUENCE		
50	TENENT NOTIFIED?		
45	TENENT WATER DRAINED Y		
40	OPEN V=VAC R=ROD H=HAND		
35	CAUSE = UNKNOWN Y		
30	CAUSE = OTHER?		
25	CAUSE = DEBRIS Y		
20	CAUSE = ROOTS Y		
15	CAUSE = GREASE Y		
10	CHECKED TO STRUCTURE #		
75	TV FROM #		

ID: 1215212	Category: DOSD WORK DAT	Type: SSO-CSO	Title: SSO - SCO DATA
Seq. No	Attribute	Value	
75	RECEIVING STRUCTURE #	0039t0268	
70	TIME/DATE OVERFLOW STOPPED	11/21/12 @ 10:50	
65	SECURE 1=SIGN 2=HANGER 3=OTHER		
60	SUMP PUMP ADDRESS		
55	OVERFLOW AFFECTED AREA?		
50	CAUSE = UNKNOWN - Y	Y	
45	CAUSE = OTHER?		

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
09:08 AM

Service Request No.
1216061

1216061

Created Date: 11/21/2012 10:12 AM

WORK LOCATION

Address: BRUCK ST	Suite:
Cross Street: REEB AVE	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: OVER FLOW

Requested Date:	Crew: LINM1	Dept: SEWERS	Area: 0039
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1234008/01		Finished Date: 11/23/2012 07:28:38AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: DAVEY, MIKE	Call Back: N
Address:	Suite:
City: S	State: Zip:
Work Phone: Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:02 AM

Service Request No.
1215550

1215550

Created Date: 11/12/2012 09:23 AM

CLOSEOUT INFORMATION

Start: 11/12/2012 09:45 AM	Finish: 11/12/2012 11:45 AM	Completed: Y
Failure: YNCF	Repair: YNOWORKFND	Further Action: _____
Comments: Any fuel appeared to be contained on ground in wooded area. Did not reach any water way and there are no sewers in this area. Fire Dept. was no longer on scene and EPA did not respond. No asset number.		
Inspected By: Engle / Cobun	Date: 12-NOV-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 16-NOV-12	

SPECIFICATIONS

ID: 1214855	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013

08:02 AM

Service Request No.
1215550

1215550

Created Date: 11/12/2012 09:23 AM

WORK LOCATION

Address: zzz-see description	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: ON 270 EASTBOUND AT THE EXIT RAMP AT 23 TRUCK TURNED OVER. LOST 80 GAL OF GAS INTO DITCH. FIRE DEPT IS ON SIGHT, PLEASE RESPOND. RON STEWARD WANTS YOU TO RESPOND TO MAKE SURE THIS ISN'T GETTING INTO OUT STORM SEQWERS.
--

Requested Date:	Crew: ENGS1	Dept: SEWERS	Area: 0204
Next Approver:			
Dispatcher: BOBO, DAVID L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 11/12/2012 12:53:36PM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: LT. PEARSON	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-2345 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

08:01 AM

Service Request No.
1214809

1214809

Created Date: 10/27/2012 01:45 AM

CLOSEOUT INFORMATION

Start: 10/27/2012 02:45 AM	Finish: 10/27/2012 03:15 AM	Completed: Y
Failure: YASSTAGNCY	Repair: _____	Further Action: YNFAN
Comments: Truck crash and diesel spill of about 100 gallons. Chris from the OHEPA was on site and did not require City assistance. Stormwater assets are ODOT and spill was into waters of the state.		
Inspected By: Cobun/ Hoffman	Date: 27-OCT-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 31-OCT-12	

SPECIFICATIONS

ID: 1213897	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013
08:01 AM

Service Request No.
1214809

1214809

Created Date: 10/27/2012 01:45 AM

WORK LOCATION

Address: zzz-see description	Suite:
Cross Street: JAMES RD	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: sr 70 e bound at lest 100 gall dsl.
--

Requested Date:	Crew: COBR1	Dept: SEWERS	Area: 0097
Next Approver:			
Dispatcher: BEAVERS, RANDY W		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 10/28/2012 05:47:38PM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: Fire Dept	Call Back: N
Address: zzz-see description	Suite:
City:	State: Zip:
Work Phone:	Ext: Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
09:06 AM

Created Date: 10/10/2012 10:22 AM

Service Request No.
1214029

1214029

SPECIFICATIONS

<i>Seq. No</i>	<i>Attribute</i>	<i>Value</i>
50	CAUSE = UNKNOWN - Y	y
45	CAUSE = OTHER?	
40	CAUSE = SURCHARGED - Y	
35	CAUSE = DEBRIS - Y	
30	CAUSE = ROOTS - Y	
25	CAUSE = GREASE - Y	
20	MH # - DOWNSTREAM OF BLOCKAGE	0112s0293
15	MH # - UPSTREAM OF BLOCKAGE	0112s0292
10	STRUCTURE OVERFLOWED #	0112s0293
80	RECEIVING WATERWAY?	Scioto
5	DESIGNED SEWER RELIEF - DSR #	206

SERVICE REQUEST REPORT

23 JAN 2013

09:06 AM

Service Request No.
1214029

1214029

Created Date: 10/10/2012 10:22 AM

CLOSEOUT INFORMATION

Start: 10/10/2012 10:26 AM	Finish: 10/10/2012 11:10 AM	Completed: Y
Failure: YSTOP	Repair: YJETTED	Further Action: _____
<p>Comments: YSSO3 2 Engineered sanitary overflow number 206 was found overflowing during routine inspection. The 8 inch sanitary sewer was stopped up at upstream manhole # 0039s0292 . The sewage entered the storm system from the engineered overflow in manhole number 0039s0293. Attempts to contain the sewage at manhole # 0039t0276 with sandbags were unsuccessful. Sewer was opened with a vactor (John Noon) and overflow ended at 11:10 am. Mike Foster was notified by Tim Hedges. Signs and door hangers were not placed at the site because the sewage was contained in the storm system. Signage exists at the discharge location, structure number 0040t0076. The storm and sanitary sewers will be cleaned under service request number 1214029, (WO# 1230055) Cause of overflow was unknown. The city's 10" sanitary sewer needs to be cleaned by a Vactor starting at manhole# 0039s0293 located In Reeb Ave @ Bruck St cleaning south to manhole# 0039s0284. The city's 78" storm sewer needs to be cleaned starting at manhole# 0039t0268 located in Reeb Ave @ Bruck St cleaning south as needed</p>		
Inspected By: M Davey M Esemen	Date: 10-OCT-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 15-OCT-12	

SPECIFICATIONS

ID: 1213368	Category: DOSD WORK DAT	Type: WIB-MSS	Title: WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute	Value	
80	TV TO #		
5	CHECKED FROM STRUCTURE #		
70	CLEAN TO #		
65	CLEAN FROM #		
60	WORK SEQUENCE		
50	TENENT NOTIFIED?		
45	TENENT WATER DRAINED Y		
40	OPEN V=VAC R=ROD H=HAND		
35	CAUSE = UNKNOWN Y		
30	CAUSE = OTHER?		
25	CAUSE = DEBRIS Y		
20	CAUSE = ROOTS Y		
15	CAUSE = GREASE Y		
10	CHECKED TO STRUCTURE #		
75	TV FROM #		
ID: 1213371	Category: DOSD WORK DAT	Type: SSO-CSO	Title: SSO - SCO DATA
Seq. No	Attribute	Value	
75	RECEIVING STRUCTURE #	0039s0268	
70	TIME/DATE OVERFLOW STOPPED	10/10/2012 10:21 am	
65	SECURE 1=SIGN 2=HANGER 3=OTHER	storm sewer	
60	SUMP PUMP ADDRESS		
55	OVERFLOW AFFECTED AREA?	pipe	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
09:06 AM

Service Request No.
1214029

1214029

Created Date: 10/10/2012 10:22 AM

WORK LOCATION

Address: BRUCK ST	Suite:
Cross Street: REEB AV	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: OVERFLOW @ THE ABOVE INTERSECTION
--

Requested Date:	Crew: DAVM1	Dept: SEWERS	Area: 0039
Next Approver:			
Dispatcher: JONES, CRYSTALYN R	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No: 1230055/01	Finished Date: 10/11/2012 07:04:20AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: DAVEY, MIKE	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:01 AM

Service Request No.
1213965

1213965

Created Date: 10/09/2012 01:55 PM

CLOSEOUT INFORMATION

Start: 10/09/2012 02:00 PM	Finish: 10/09/2012 03:00 PM	Completed: _____
Failure: YCONT	Repair: YCSPL	Further Action: YNFAN
Comments: the spill of hydraulic oil at the site was contained within the private storm system. We inspected inlet # 0029t1729 and t1740 and discovered the facility had a system installed that trapped contaminants within thier basins. No oil reached the city storm system.		
Inspected By: Fannin/ bowling	Date: 09-OCT-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 11-OCT-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1213335	Category: DOSD WORK DAT	Type: SPILL
		Title: SPILL DATA
5	SPILL AFFECTED AREA?	private system
10	CAUSE?	broken hydraulic line
15	CONTAINED Y	y
35	RECEIVING WATERWAY?	none contain in private system
25	EPA ON SITE Y	y
30	RECEIVING STRUCTURE #	0029t1730
20	STORMWATER NOTIFIED Y	y

SERVICE REQUEST REPORT

23 JAN 2013

08:01 AM

Service Request No.
1213965

1213965

Created Date: 10/09/2012 01:55 PM

WORK LOCATION

Address: 1191 FIELDS AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: petroleum spill at the above location. (rumpke)--site contact person is Mark Ross (513-851-0122...ext 7257)

Requested Date:	Crew: FANP2	Dept: SEWERS	Area: 0029
Next Approver:	Call Back Ready: N		
Dispatcher: BOBO, DAVID L	Customer Call Back: N		
Status: CLOSED	Finished Date: 10/10/2012 09:55:45AM		
WO/Task No:			

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: David, murphy	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (513) 851-0122 Ext: 3161	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

08:00 AM

Service Request No.
1213215***1213215***

Created Date: 09/21/2012 10:16 AM

CLOSEOUT INFORMATION

Start: 09/21/2012 10:40 AM	Finish: 09/21/2012 10:50 AM	Completed: Y
Failure: YASSTAGNCY	Repair: _____	Further Action: _____
Comments: YSPILL-Stormwater was also called and investigator talked to stormwater. There seemed to be a dispute between neighbors when some liquid was poured into an inlet. Asset was private and not located on any known map.		
Inspected By: RMyers/MBoyd	Date: 21-SEP-12	
Signoff By: _____	Date: _____	
Closed By: STEWARD, RONALD L	Date: 25-SEP-12	

SPECIFICATIONS

ID:	1212560	Category:	DOSD WORK DAT	Type:	SPILL	Title:	SPILL DATA
Seq. No	Attribute					Value	
5	SPILL AFFECTED AREA?						
10	CAUSE?						
15	CONTAINED Y						
35	RECEIVING WATERWAY?						
25	EPA ON SITE Y						
30	RECEIVING STRUCTURE #						
20	STORMWATER NOTIFIED Y						

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:00 AM

Service Request No.
1213215

1213215

Created Date: 09/21/2012 10:16 AM

WORK LOCATION

Address: 8164 zzz-see description	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: 8164 HAWKSWILLOW DR. CITIZEN HAS BEEN SEEING THE RESIDENT AT THIS ADDRESS LETTING CHEMICALS AND OIL FROM CAR ECT GOING DOWN INTO THE STORM SEWER

Requested Date:	Crew: MYER1	Dept: SEWERS	Area: 0661
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 09/24/2012 07:43:12AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: BIEBEREN, JANA		Call Back: N
Address:		Suite:
City:	State:	Zip:
Work Phone: (614) 759-1516	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:00 AM

Service Request No.
1213104

1213104

Created Date: 09/19/2012 11:45 AM

CLOSEOUT INFORMATION

Start: 09/19/2012 12:00 PM	Finish: 09/19/2012 01:00 PM	Completed: _____
Failure: YCONT	Repair: YCCAR	Further Action: YRAISESTRU
Comments: The spill of hydraulic oil in front of 5229 Wagon wheel dr. got into storm Inlet #0378t0239. The amount looked to be less than 2 gallons. The EPA was on site commanding the clean up crews. We were needed to locate MH# 0378t0240. This MH is located in the rear of 5221 Wagon wheel dr. and needs to be raised appx. 6 inches in dirt. Owner of property gave verbal permission.		
Inspected By: Fannin/ Bowling	Date: 19-SEP-12	
Signoff By: _____	Date: _____	
Closed By: _____	Date: _____	

SPECIFICATIONS

ID: 1212378	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?	storm system D2865	
10	CAUSE?	hydraulic spill	
15	CONTAINED Y	y	
35	RECEIVING WATERWAY?	none	
25	EPA ON SITE Y	y	
30	RECEIVING STRUCTURE #	0378t0239	
20	STORMWATER NOTIFIED Y	y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:00 AM

Service Request No.
1213104

1213104

Created Date: 09/19/2012 11:45 AM

WORK LOCATION

Address: 5229 WAGON WHEEL LN	Suite:
Cross Street:	
City: CONTRACTOR	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: OK TO CLOSE AFTER WORK ORDER IS FINISHED. REFUSE WASTE HYDROLIC FUEL IN THE SEWER	PER CONTRACTOR A CITY
---	-----------------------

Requested Date:	Crew: FANP2	Dept: SEWERS	Area: 0378
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: WORK ORDER		Customer Call Back: N	
WO/Task No: 1227895/01		Finished Date: 09/20/2012 08:09:57AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: HOMES, CHRIS		Call Back: N
Address:		Suite:
City: OHIO EPA-REPORT # 2301	State:	Zip:
Work Phone: (800) 282-9378	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:59 AMService Request No.
1211766***1211766***

Created Date: 08/21/2012 12:51 PM

CLOSEOUT INFORMATION

Start: 08/21/2012 01:30 PM	Finish: 08/21/2012 02:00 PM	Completed: _____
Failure: YCONT	Repair: YASBLTDONE	Further Action: YNFAN
Comments: The spill had been contained when we arrived with a private storm system(cc146590). We inspected the outfall pipe and discovered no ccontaminants had reached that point. We informed the responsible party that they would be responsible for the clean up. They called safety clean while we were on site.		
Inspected By: Fannin/ Bowling	Date: 21-AUG-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 24-AUG-12	

SPECIFICATIONS

ID:	1211448	Category:	DOSD WORK DAT	Type:	SPILL	Title:	SPILL DATA
Seq. No	Attribute					Value	
5	SPILL AFFECTED AREA?					cc14659	
10	CAUSE?					Truck diesel fuel spill	
15	CONTAINED Y					y	
35	RECEIVING WATERWAY?					none	
25	EPA ON SITE Y					n	
30	RECEIVING STRUCTURE #					124510541	
20	STORMWATER NOTIFIED Y					y	

Submitted by: DEPIESZALA

Oracle

Report s_jpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:59 AM

Service Request No.
1211766

1211766

Created Date: 08/21/2012 12:51 PM

WORK LOCATION

Address: 1500 GEMINI PL	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: ABOUT 10 GALLONS OF FUEL SPILLED AROUND CB. FIRE DEPARTMENT WAS ABLE TO GET IT UP BUT WOULD LIKE TO HAVE SMOC TO CHECK AND MAKE SURE. MAYBE 2 GALLONS COULD HAVE SEEP THROUGH. (PLEASE SEE BILL AT THE FRONT DESK AT COSCO FOR MORE INFORMATION)

Requested Date:	Crew: FANP2	Dept: SEWERS	Area: 1108
Next Approver:			
Dispatcher: WHITE, JANICE L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 08/22/2012 07:55:54AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: COLUMBUS FIRE DEPARTMENT	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-2345 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:59 AM

Service Request No.
1211357

1211357

Created Date: 08/13/2012 11:29 AM

CLOSEOUT INFORMATION

Start: 08/13/2012 12:15 PM	Finish: 08/13/2012 01:15 PM	Completed: Y
Failure: YASSTAGNCY	Repair: YNFWN	Further Action: _____
Comments: when we arrived at sr 315 and i 70 their was a accident on the freeway the fire department said that the truck leak about 25 gal of diesel but if did not get into the catchbasin on the freeway so we checked the catchbasin on the freeway and if was number t0037 and t0044 that we checked and e.p.a said that the trucking company going to do the clean and they going to call eel company to clean up and mike forster was notified		
Inspected By: harris bill	Date: _____	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 16-AUG-12	

SPECIFICATIONS

ID: 1211040	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?	freeway	
10	CAUSE?	accident	
15	CONTAINED Y	y	
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y	y	
30	RECEIVING STRUCTURE #	0037 and 0044	
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013

07:59 AM

Service Request No.
1211357

1211357

Created Date: 08/13/2012 11:29 AM

WORK LOCATION

Address: 170	Suite:
Cross Street: SR 315 N	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: COLUMBUS FIRE DEPT STATES A SEMI TRUCK FLIP OVER AND NASTY STUFF IS IN THE SEWER PLEASE INVESTIGATE

Requested Date:	Crew: HARH1	Dept: SEWERS	Area: 0001
Next Approver:			
Dispatcher: JONES, CRYSTALYN R	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 08/14/2012 08:41:05AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: CFD	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-2345	Ext: Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:58 AM

Created Date: 08/13/2012 08:26 AM

Service Request No.
1211328

1211328

CLOSEOUT INFORMATION

Start: 08/13/2012 09:13 AM	Finish: 08/13/2012 09:50 AM	Completed: Y
Failure: YNCF	Repair: YNFWN	Further Action: YNFAN
Comments: YSPILL- Found large hydraulic leak I/F/O 2800 Corprate Exchange Dr. going east to Cooper Rd. City assets were not affected. Asset 064210687 was compromised with hydraulic fluid, This asset is private with one section south to city line. Local Waste Services 614-409-9375 was on site doing cleanup during investigation. No city assets were compromised, no work follows, all appropriate personel were notified.		
Inspected By: Link/Davey	Date: 13-AUG-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 16-AUG-12	

SPECIFICATIONS

Seq. No	Attribute	Value
5	SPILL AFFECTED AREA?	2800 Corp. Exch. Dr. I/F/O
10	CAUSE?	Hydraulic leak from truck.
15	CONTAINED Y	yes
35	RECEIVING WATERWAY?	Alum Creek
25	EPA ON SITE Y	no
30	RECEIVING STRUCTURE #	064210687
20	STORMWATER NOTIFIED Y	yes

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:58 AM

Service Request No.
1211328

1211328

Created Date: 08/13/2012 08:26 AM

WORK LOCATION

Address: COOPER RD	Suite:
Cross Street: CORPORATE EXCHANGE DR	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: CPD STATES AT THE ABOVE INTERSECTION THERE IS A POSSIBLE FUEL SPILL OF HYDRAULIC FLUIDS IN THE CB/STORM SEWER PLEASE INVESTIGATE , CPD IS ON SITE
--

Requested Date:	Crew: LINM1	Dept: SEWERS	Area: 0642
Next Approver:			
Dispatcher: JONES, CRYSTALYN R		Call Back Ready: Y	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 08/14/2012 07:44:28AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: TECH 114, CPD		Call Back: Y
Address:		Suite:
City:	State:	Zip:
Work Phone: (614) 645-4545	Ext:	Home Phone:

Refer to Illicit Discharge
Investigation 08/13/2012-1
Party: Local Waste
1300 S. Columbus Airport Rd.
Columbus, OH 43207

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17163-3

SERVICE REQUEST REPORT

23 JAN 2013
07:58 AMService Request No.
1210932

1210932

Created Date: 08/05/2012 10:48 AM

CLOSEOUT INFORMATION

Start: 08/05/2012 10:50 AM	Finish: 08/05/2012 11:50 AM	Completed: Y
Failure: YASSTAGNCY	Repair: YNFWN	Further Action: _____
Comments: THIS FUEL SPILL IS FROM TRANS AMERICA TRUCKING COMPANY. THEIR CLEAN UP CREW IS GOING TO DO THE CLEAN UP. FUEL DID GET INTO SLUICE GATE 4. MIKE DALTON THE EPA SITE COORDINATOR WAS ON SITE AND CONFIRMED THAT TRANSAMERICA WAS GOING TO DO THE CLEAN UP. MR. ELLINGER DID SHOW UP ON SITE AND AND CALLED IN A PUMPHOUSE CREW. FUEL SPILL HAD STOPPED SPILLING JUST NEEDED CLEANED UP WHEN WE LEFT.		
Inspected By: HOFFMAN/COBUN	Date: 05-AUG-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 07-AUG-12	

SPECIFICATIONS

ID: 1210579	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?	SLUICE GATE 4	
10	CAUSE?	SEMI ACCIDENT	
15	CONTAINED Y	Y	
35	RECEIVING WATERWAY?	SCIOTO RIVER	
25	EPA ON SITE Y	Y	
30	RECEIVING STRUCTURE #	SLUICEGATE 4	
20	STORMWATER NOTIFIED Y	N	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:58 AM

Service Request No.
1210932

1210932

Created Date: 08/05/2012 10:48 AM

WORK LOCATION

Address: MOUND ST	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: I -70 EAST BETWEEN MOUND STREET AND ROUTE 315 FUEL SPILL

Requested Date:	Crew: HOFW1	Dept: SEWERS	Area: 0001
Next Approver:			
Dispatcher: STEWARD, RONALD L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 08/06/2012 07:54:23AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: FIRE DEPAERT	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 521-2345 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:57 AM

Created Date: 08/01/2012 07:34 AM

Service Request No.
1210755

1210755

CLOSEOUT INFORMATION

Start: 08/01/2012 08:15 AM	Finish: 08/01/2012 10:45 AM	Completed: Y
Failure: YNISA	Repair: YNFWN	Further Action: _____
Comments: NO ASSET# THIS IS A PRIVATE STORM SEWER IN THE OHIO STATE UNIVERSITY AREA SOME GREEN STUFF IN THE CREEK .CALLED JACK VESCO CREW OUT TO TAKE SAMPLES OF CREEK WATER TO DETERMINE WHAT IT IS..		
Inspected By: SMITH/HOFFMAN	Date: 01-AUG-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 03-AUG-12	

SPECIFICATIONS

ID: 1210355	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013

07:57 AM

Created Date: 08/01/2012 07:34 AM

Service Request No.
1210755***1210755***

WORK LOCATION

Address: 1055 CARMACK RD	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: Mr. Taylor is with the E.P.A. He stated that the E.P.A. did not send anyone out to the site and that they would like for SMOC to take a look. He received a report of green dye flowing from a pipe into the creek.

Requested Date:	Crew: SMIC1	Dept: SEWERS	Area: 0051
Next Approver:			
Dispatcher: SCOTT, MARCIA R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 08/02/2012 07:34:17AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: Taylor, Todd		Call Back: N
Address:		Suite:
City:	State:	Zip:
Work Phone: (614) 644-3198	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:52 AM

Service Request No.
1210589

1210589

Created Date: 07/28/2012 04:11 PM

CLOSEOUT INFORMATION

Start: 07/28/2012 05:10 PM	Finish: 07/28/2012 05:40 PM	Completed: Y
Failure: YCONT	Repair: _____	Further Action: YREQST
Comments: Y spill truck and auto accident 20 gallons of diesel entered into 0093t0637 and 0093t0634 all fuel was contained by columbus fire dept with absorbents sand there was no flow in storm sewer but residue was in manhole 0093t0633 mr dalton epa was handling cleanup no further wor needed		
Inspected By: yurkovic nagy	Date: _____	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 31-JUL-12	

SPECIFICATIONS

ID:	Category:	Type:	Title:
1210071	DOSD WORK DAT	SPILL	SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?	t0367 t0364	
10	CAUSE?	accident	
15	CONTAINED Y	y	
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y	y	
30	RECEIVING STRUCTURE #	t0367 t0364	
20	STORMWATER NOTIFIED Y	y	

SERVICE REQUEST REPORT

23 JAN 2013
07:52 AM

Service Request No.

1210589

1210589

Created Date: 07/28/2012 04:11 PM

WORK LOCATION

Address: FIFTH AVE E	Suite:
Cross Street: ALTON RD	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: auto acc disell in cb
--

Requested Date:	Crew: YURM1	Dept: SEWERS	Area: 0093
Next Approver:			
Dispatcher: BEAVERS, RANDY W	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 07/30/2012 08:30:15AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: fire dept	Call Back: N
Address: FIFTH AVE E	Suite:
City:	State: Zip:
Work Phone:	Ext: Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
07:55 AM

Created Date: 07/16/2012 02:07 PM

Service Request No.
1209897

1209897

CLOSEOUT INFORMATION

Start: 07/16/2012 02:20 PM	Finish: 07/16/2012 02:50 PM	Completed: Y
Failure: YNISA	Repair: YNFWN	Further Action: YREQST
Comments: YINL1- The storm inlets (# 0318T0092 and # 0318T0093) (30" T) on the w/s/o 270S ramp to 70E that potentially could be affected from the spill belong to ODOT (per 910 Dublin Rd. Permits). ODOT was notified via radio dispatcher. No further work needed.		
Inspected By: Engle / Cobun	Date: 16-JUL-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 18-JUL-12	

SPECIFICATIONS

ID: 1209418	Category: DOSD WORK DA1	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013

07:55 AM

Service Request No.
1209897

1209897

Created Date: 07/16/2012 02:07 PM

WORK LOCATION

Address: zzz-see description	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: southbound 270 turning onto the 70 eastbound entrance ramp a semi has overturned. cols fire is requesting us.
--

Requested Date:	Crew: ENGS1	Dept: SEWERS	Area: 0318
Next Approver:			
Dispatcher: BOBO, DAVID L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 07/17/2012 07:45:21AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: lt. miller	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-2345 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

07:50 AM

Service Request No.
1209628***1209628***

Created Date: 07/11/2012 03:46 AM

CLOSEOUT INFORMATION

Start: 07/11/2012 05:30 AM	Finish: 07/11/2012 03:00 PM	Completed: _____
Failure: YASSTAGNCY	Repair: YMARKED	Further Action: YNFAN
<p>Comments: EPA CONTACT---Chris Holmes 614-935-6564 Through the day we provided assistance to agencies needing assistance in regards to sewers in the area. The Environmental agency and EPA asked for 2 plugs to be placed in two different storm sewers. 1 in a 48 in storm @ 520 E. 5th ave. on the upstream side of MH# 0029t0735. The 2nd plug was placed @ Grant and 7th ave on the DS side of MH# 0029t0524. We also spent apprx. 3 hrs with 4 men monitoring toxic gasses in random sanitary and storm MH's. We also had a crew constantly monitoring the gasses @ MH# 0029s0624 which is a 78in. line. Extremely high levels were discovered in a small abandoned network @ MH#0029s1269, we notified the epa</p>		
Inspected By: Fannin/ Engle	Date: 10-JUL-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 25-JUL-12	

SPECIFICATIONS

ID: 1209079	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:50 AM

Created Date: 07/11/2012 03:46 AM

Service Request No.
1209628

1209628

WORK LOCATION

Address: 1191 FIELDS AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: Caller stated that a train derailed and that there was a spill in the area of the address given. Received a call back from Z007 stating that the crew should report to Command @ gate 17 (he believes this is on 17th Ave.)

Requested Date:	Crew: FANP2	Dept: SEWERS	Area: 0029
Next Approver:			
Dispatcher: SCOTT, MARCIA R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 07/17/2012 07:56:23AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: Bush		Call Back: N
Address: C.F.C.		Suite:
City:	State:	Zip:
Work Phone: (614) 221-2345	Ext:	Home Phone:

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:49 AM

Service Request No.
1208129

1208129

Created Date: 06/21/2012 01:59 PM

CLOSEOUT INFORMATION

Start: 06/21/2012 02:15 PM	Finish: 06/21/2012 02:30 PM	Completed: Y
Failure: YNCF	Repair: YNOWORKFND	Further Action: YNFAN
Comments: YSPILL - The area at the intersection of Willow and Lazelle was searched to determine if there was an incident. No evidence was found. No assets were involved.		
Inspected By: RMyers/MBoyd	Date: 21-JUN-12	
Signoff By: _____	Date: _____	
Closed By: STEWARD, RONALD L	Date: 27-JUN-12	

SPECIFICATIONS

ID: 1208729	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

23 JAN 2013
07:49 AMService Request No.
1208129

1208129

Created Date: 06/21/2012 01:59 PM

WORK LOCATION

Address: WILLOW ST E	Suite:
Cross Street: LAZELLE ST	
City: Columbus	State: OH Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description:	Resident saw someone washing Xylene into City sewer on 6-19-12 on n/s/o E. Willow St. between S. Lazelle St. and Rader Alley. Please Investigate. (311 complaint: mjs529@sbcglobal.net)
----------------------	---

Requested Date:	Crew: MYER1	Dept: SEWERS	Area: 0005
Next Approver:			
Dispatcher: ENGLE, STEPHEN J		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 06/21/2012 03:17:29PM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: Scranton, Mark		Call Back: N
Address: WILLOW ST E		Suite:
City: Columbus	State: OH	Zip:
Work Phone:	Ext:	Home Phone:

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
07:48 AMService Request No.
1207934

1207934

Created Date: 06/18/2012 12:10 PM

CLOSEOUT INFORMATION

Start: 06/18/2012 12:24 PM	Finish: 06/18/2012 01:45 PM	Completed: Y
Failure: YASSTAGNCY	Repair: _____	Further Action: YNFAN
Comments: YSPILL - Appears to be testing dye from a 48" storm outfall that serves the Bexley area. Investigated, found Infratechnologies.com doing contract work for the City of Bexley using dye, and asked our dispatcher to notify EPA by phone. Gave the job boss the SMOC phone number and asked them to call before dye testing storm sewers as a courtesy.		
Inspected By: Cobun/ Myers	Date: 18-JUN-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 20-JUN-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1208689	Category: DOSD WORK DA1	Type: SPILL
		Title: SPILL DATA
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
35	RECEIVING WATERWAY?	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
20	STORMWATER NOTIFIED Y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013

07:48 AM

Service Request No.
1207934

1207934

Created Date: 06/18/2012 12:10 PM

WORK LOCATION

Address: BROAD ST	Suite:
Cross Street: NELSON RD	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: EPA CALLED AND WOULD LIKE FOR YOU GUYS TO TAKE A LOOK IN THE CREEK TO SEE IF THE GREEN SUBSTANCE THAT WAS REPORTED TO THEM IS DYE OR ANTIFREEZE, NEEDS A CALL BACK WHEN COMPLETED THANKS

Requested Date:	Crew: COBR1	Dept: SEWERS	Area: 0033
Next Approver:			
Dispatcher: JONES, CRYSTALYN R	Call Back Ready: Y		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 06/18/2012 03:06:54PM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: TODD	Call Back: Y
Address:	Suite:
City: EPA	State: Zip:
Work Phone: (614) 644-3195 Ext:	Home Phone:

SERVICE REQUEST REPORT

22 JAN 2013
09:26 AM

Service Request No.
1207647

1207647

Created Date: 06/08/2012 11:46 AM

CLOSEOUT INFORMATION

Start: 06/08/2012 12:15 PM	Finish: 06/08/2012 12:30 PM	Completed: Y
Failure: YNYD	Repair: YNOWORKFND	Further Action: YNFAN
Comments: YSPILL - The location is at Bicentennial Park west of the reception building on a 72 inch outfall (T2570). The evidence of the contaminant was negligible and had dissipated.		
Inspected By: RMyers/MBoyd	Date: 08-JUN-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 12-JUN-12	

SPECIFICATIONS

ID: 1208429	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013

09:26 AM

Service Request No.
1207647

1207647

Created Date: 06/08/2012 11:46 AM

WORK LOCATION

Address: NEIL AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: There is a discharge from one of our storm outfalls into the Scioto River, near Neil Ave., by a boat dock. Also, there is a glass building in the area. It's a 72' pipe with a gate. It appears that someone is dumping cooking grease into the storm drain. Please call Mr. Lauck if questions.

Requested Date:	Crew: MYER1	Dept: SEWERS	Area: 0002
Next Approver:			
Dispatcher: SCOTT, MARCIA R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 06/08/2012 01:29:00PM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: Lauck, Greg		Call Back: N
Address: E.P.A.		Suite:
City:	State:	Zip:
Work Phone: (614) 644-3199	Ext:	Home Phone:

SERVICE REQUEST REPORT

22 JAN 2013
09:25 AM

Created Date: 05/31/2012 07:54 AM

Service Request No.
1207251

1207251

CLOSEOUT INFORMATION

Start: 05/31/2012 09:20 AM	Finish: 05/31/2012 09:30 AM	Completed: Y
Failure: YDIRTY	Repair: _____	Further Action: YCLEAN
Comments: The catch basin in front of 1153 Hildreth (T0996) needs to be cleaned and debris removed. There was garbage (paper plates, cups, etc.) found in the catch basin. No chemicals were able to be detected.		
Inspected By: RMyers/MBoyd	Date: 31-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 04-JUN-12	

SPECIFICATIONS

ID: 1208144	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

22 JAN 2013

09:25 AM

Service Request No.
1207251

1207251

Created Date: 05/31/2012 07:54 AM

WORK LOCATION

Address: 1152 HILDRETH AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: CALLER SAID MAN IS DUMPING WASTE ILLEGALLY IN THE SEWER AT THIS ADDRESS. PLEASE INVESTIGATE

Requested Date:	Crew: MYER1	Dept: SEWERS	Area: 0014
Next Approver:			
Dispatcher: JONES, CRYSTALYN R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1216739/01		Finished Date: 06/01/2012 06:52:04AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: NO INFO		Call Back: N
Address:		Suite:
City: 311 COMPLAINT	State:	Zip:
Work Phone:	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:55 AMService Request No.
1207171***1207171***

Created Date: 05/29/2012 01:05 PM

SPECIFICATIONS

ID:	1208129	Category:	DOSD WORK DAT	Type:	SSO-CSO	Title:	SSO - SCO DATA
Seq. No	Attribute						Value
35	CAUSE = DEBRIS - Y						
30	CAUSE = ROOTS - Y						
25	CAUSE = GREASE - Y						
20	MH # - DOWNSTREAM OF BLOCKAGE						0004s0529
15	MH # - UPSTREAM OF BLOCKAGE						0004s0527
10	STRUCTURE OVERFLOWED #						0004s0527
80	RECEIVING WATERWAY?						Scioto River
5	DESIGNED SEWER RELIEF - DSR #						393

SERVICE REQUEST REPORT

23 JAN 2013
08:55 AMService Request No.
1207171

1207171

Created Date: 05/29/2012 01:05 PM

CLOSEOUT INFORMATION

Start: 05/29/2012 01:45 PM	Finish: 05/29/2012 01:55 PM	Completed: Y
Failure: YMHOP	Repair: YJETTED	Further Action: YCLEAN
<p>Comments: YSSO3 , Engineered sanitary overflow number 393 was found overflowing during routine inspection. The 24 inch combination sewer was stopped up between upstream manhole # 0004S0527 and downstream manhole # 0004S0529. The sewage entered the storm system from the engineered overflow in manhole number 0004S0527. Attempts to contain the sewage at manhole 0004S0527 were unsuccessful. Sewer was opened with a vactor and overflow ended at 1355. Mike Foster was notified by Michael Davey. Signs and door hangers were not placed at the site because the sewage was contained in the storm system. Signage exists at the discharge location, structure number 0001t2942 The storm and sanitary sewers will be cleaned under service request number 1207171. Cause of overflow was unknown.</p>		
Inspected By: M Davey H Harris	Date: 29-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 01-JUN-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1208128	Category: DOSD WORK DAT	Type: WIB-MSS
	Title: WATER IN BASEMENT - MAIN SEW	
80	TV TO #	
5	CHECKED FROM STRUCTURE #	
70	CLEAN TO #	
65	CLEAN FROM #	
60	WORK SEQUENCE	
50	TENENT NOTIFIED?	
45	TENENT WATER DRAINED Y	
40	OPEN V=VAC R=ROD H=HAND	
35	CAUSE = UNKNOWN Y	
30	CAUSE = OTHER?	
25	CAUSE = DEBRIS Y	
20	CAUSE = ROOTS Y	
15	CAUSE = GREASE Y	
10	CHECKED TO STRUCTURE #	
75	TV FROM #	
ID: 1208129	Category: DOSD WORK DAT	Type: SSO-CSO
	Title: SSO - SCO DATA	
75	RECEIVING STRUCTURE #	0004c0526
70	TIME/DATE OVERFLOW STOPPED	05/29/2012 1355
65	SECURE 1=SIGN 2=HANGER 3=OTHER	
60	SUMP PUMP ADDRESS	
55	OVERFLOW AFFECTED AREA?	
50	CAUSE = UNKNOWN - Y	y
45	CAUSE = OTHER?	
40	CAUSE = SURCHARGED - Y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:55 AM

Service Request No.
1207171

1207171

Created Date: 05/29/2012 01:05 PM

WORK LOCATION

Address: 380 GRANT AVE	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description:

Requested Date:	Crew: DAVM1	Dept: SEWERS	Area: 0004
Next Approver:			
Dispatcher: DAVEY, MICHAEL		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1216468/01		Finished Date: 05/30/2012 07:12:04AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: davey, michael	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 645-7102 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:55 AMService Request No.
1207125

1207125

Created Date: 05/26/2012 01:59 PM

CLOSEOUT INFORMATION

Start: 05/26/2012 03:13 PM	Finish: 05/26/2012 03:43 PM	Completed: Y
Failure: YNCF	Repair: _____	Further Action: YNFAN
Comments: YWIBOPEN & The 8 inch sanitary sewer serving the problem location was open and flowing when checked. Checked upstream manhole #0056S0053 and downstream manhole # 0056S0052. Tenant was told to contact a private sewer cleaner by investigator. No indication of sewage was observed on the ground.		
Inspected By: Cobun/ Hoffman	Date: 26-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 31-MAY-12	

SPECIFICATIONS

ID:	1208122	Category:	DOSD WORK DAT	Type:	WIB-MSS	Title:	WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute					Value	
5	CHECKED FROM STRUCTURE #						
80	TV TO #						
15	CAUSE = GREASE Y						
20	CAUSE = ROOTS Y						
25	CAUSE = DEBRIS Y						
30	CAUSE = OTHER?						
35	CAUSE = UNKNOWN Y						
40	OPEN V=VAC R=ROD H=HAND						
45	TENENT WATER DRAINED Y						
50	TENENT NOTIFIED?						
60	WORK SEQUENCE						
65	CLEAN FROM #						
70	CLEAN TO #						
75	TV FROM #						
10	CHECKED TO STRUCTURE #						

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:55 AM

Created Date: 05/26/2012 01:59 PM

Service Request No.
1207125***1207125***

WORK LOCATION

Address: 2063 17TH AVE E	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: The caller (who wished to remain anonymous) stated that the resident at 1372 Lark Dr. is allowing his trailer to drain sewage onto the ground and it is flowing through the (trailer) park. 2063 17th Ave. is the trailer park's address and the Lark Dr. address where the sewage is flowing from.

Requested Date:	Crew: COBR1	Dept: SEWERS	Area: 0056
Next Approver:			
Dispatcher: SCOTT, MARCIA R		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 05/28/2012 04:43:00PM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name:		Call Back: N
Address:		Suite:
City:	State:	Zip:
Work Phone:	Ext:	Home Phone:

Printed by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013

09:24 AM

Service Request No.
1207121

1207121

Created Date: 05/26/2012 01:38 AM

CLOSEOUT INFORMATION

Start: 05/26/2012 01:53 AM	Finish: 05/26/2012 03:35 AM	Completed: Y
Failure: YASSTAGNCY	Repair: YCSPL	Further Action: YNFAN
Comments: Fuel spill at Harmon Ave and Greenlawn Ave. Tanker dropping fuel at gas station spilled approximately 25 gallons of gasoline which ran off lot into inlets 0019T0209 and 0019T0379. Spill was contained in the stormwater system at 0019T0472. Police, fire, hazmat response, and Wes Drake were at the scene. A&B Sanitation was called for clean up.		
Inspected By: Cobun/ Martin	Date: 26-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 31-MAY-12	

SPECIFICATIONS

ID:	1208121	Category:	DOSD WORK DA1	Type:	SPILL	Title:	SPILL DATA
Seq. No	Attribute					Value	
5	SPILL AFFECTED AREA?					Harmon Ave and Greenlawn Ave	
10	CAUSE?					Tanker spill while dropping fuel	
15	CONTAINED Y					Y	
35	RECEIVING WATERWAY?					Scioto S2	
25	EPA ON SITE Y					Y Wes Drake	
30	RECEIVING STRUCTURE #					0019T0207 and 0019T0379	
20	STORMWATER NOTIFIED Y					Y	

SERVICE REQUEST REPORT

22 JAN 2013
09:24 AM

Service Request No.
1207121

1207121

Created Date: 05/26/2012 01:38 AM

WORK LOCATION

Address: HARMON AVE	Suite:
Cross Street: GREENLAWN AVE	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: gass station 25 gall in drain
--

Requested Date:	Crew: COBR1	Dept: SEWERS	Area: 0019
Next Approver:			
Dispatcher: BEAVERS, RANDY W		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 05/29/2012 07:37:13AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: fire dept	Call Back: N
Address: HARMON AVE	Suite:
City:	State: Zip:
Work Phone: Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:54 AM

Created Date: 05/23/2012 10:07 AM

Service Request No.
1206974

1206974

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1208015	Category: D OSD WORK DAT	Type: SSO-CSO
		Title: SSO - SCO DATA
50	CAUSE = UNKNOWN - Y	
45	CAUSE = OTHER?	
40	CAUSE = SURCHARGED - Y	
35	CAUSE = DEBRIS - Y	yes
30	CAUSE = ROOTS - Y	
25	CAUSE = GREASE - Y	
20	MH # - DOWNSTREAM OF BLOCKAGE	
15	MH # - UPSTREAM OF BLOCKAGE	0039s0275
10	STRUCTURE OVERFLOWED #	0039s0293
80	RECEIVING WATERWAY?	Scioto River
5	DESIGNED SEWER RELIEF - DSR #	206

SERVICE REQUEST REPORT

23 JAN 2013
08:54 AM

Service Request No.
1206974

1206974

Created Date: 05/23/2012 10:07 AM

CLOSEOUT INFORMATION

Start: 05/23/2012 10:00 AM	Finish: 05/23/2012 11:00 AM	Completed: Y
Failure: YSTOP	Repair: YJETVACD	Further Action: YCLEAN
<p>Comments: YSSO3 Engineered sanitary overflow number 206 was found overflowing during routine inspection. The 8 inch sanitary sewer was stopped up at upstream manhole # 0039s0275 . The sewage entered the storm system from the engineered overflow in manhole number 0039s0293. Attempts to contain the sewage at manhole # 0039t0276 with sandbags were unsuccessful. Sewer was opened with a vactor and overflow ended at 10:53 am. Mike Foster was notified by Michael Davey. Signs and door hangers were not placed at the site because the sewage was contained in the storm system. Signage exists at the discharge location, structure number 0040t0076. The storm and sanitary sewers will be cleaned under service request number 1206974. Cause of overflow was construction debris from the road resurfacing. There was asphalt and a broken 2 inch riser in the manhole. The city's 10" sanitary sewer needs to be cleaned by a Vactor starting at manhole# 0039s0293 located in Reeb Ave @ Bruck St cleaning south to manhole# 0039s0284. The city's 78" storm sewer needs to be cleaned starting at manhole# 0039t0276 located in Reeb Ave @ Bruck St cleaning south as needed</p>		
Inspected By: M Davey J Pasmore	Date: 24-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 04-JUN-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1208008	Category: DOSD WORK DAT	Type: WIB-MSS
		Title: WATER IN BASEMENT - MAIN SEW
80	TV TO #	
5	CHECKED FROM STRUCTURE #	
70	CLEAN TO #	
65	CLEAN FROM #	
60	WORK SEQUENCE	
50	TENENT NOTIFIED?	
45	TENENT WATER DRAINED Y	
40	OPEN V=VAC R=ROD H=HAND	
35	CAUSE = UNKNOWN Y	
30	CAUSE = OTHER?	
25	CAUSE = DEBRIS Y	
20	CAUSE = ROOTS Y	
15	CAUSE = GREASE Y	
10	CHECKED TO STRUCTURE #	
75	TV FROM #	
ID: 1208015	Category: DOSD WORK DAT	Type: SSO-CSO
		Title: SSO - SCO DATA
75	RECEIVING STRUCTURE #	0039t0276
70	TIME/DATE OVERFLOW STOPPED	05/23/2012 10:53 am
65	SECURE 1=SIGN 2=HANGER 3=OTHER	
60	SUMP PUMP ADDRESS	
55	OVERFLOW AFFECTED AREA?	18" storm sewer

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:54 AM

Service Request No.
1206974

1206974

Created Date: 05/23/2012 10:07 AM

WORK LOCATION

Address: BRUCK ST	Suite:
Cross Street: REEB AVE	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description:

Requested Date:	Crew: DAVM1	Dept: SEWERS	Area: 0039
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1215945/01		Finished Date: 05/24/2012 10:37:59AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: DAVEY, MIKE	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 645-7102	Ext: Home Phone:

SERVICE REQUEST REPORT

22 JAN 2013
09:24 AMService Request No.
1206346

1206346

Created Date: 05/09/2012 03:28 PM

CLOSEOUT INFORMATION

Start: 05/09/2012 04:15 PM	Finish: 05/09/2012 04:45 PM	Completed: Y
Failure: YNYD	Repair: _____	Further Action: YNFI
Comments: Checked inlet #0367t0617. Storm inlet was open it appears to have a been a discharge of somekind not sewer related. Storm water was notified of our findings. Tim Hedges arrived on the scene first. When we arrived he told us the discharge was not the sanitary that it appeared to be a discharge in the storm line that was not sewage related.		
Inspected By: Hoffman/Engle	Date: 09-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 16-MAY-12	

SPECIFICATIONS

Seq. No	Attribute	Value
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
35	RECEIVING WATERWAY?	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
20	STORMWATER NOTIFIED Y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013
09:24 AM

Service Request No.
1206346

1206346

Created Date: 05/09/2012 03:28 PM

WORK LOCATION

Address: 6255 WOOD RUN BLVD	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: CITIZEN SAYS THEY SEE AND SMELL RAW SEWAGE RUNNING OUT OF A PIPE BEHIND THIS ADDRESS INTO SLATE RUN CREEK. MIKE DALTON FROM OHIO EPA. 614-728-3823 ALSO CALLED AND REPORTED THE SPILL AT ADDRESS OF 5260 TIMBERLINE WOOD RUN AT SLATE RUN CREEK
--

Requested Date:	Crew: HOFW1	Dept: SEWERS	Area: 0367
Next Approver:			
Dispatcher: WHITE, JANICE L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 05/10/2012 07:42:53AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: MILLER, BRUCE	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 538-1748 Ext:	Home Phone:

Refer to Illicit Discharge
Investigation 05/10/2012-1
Unknown

SERVICE REQUEST REPORT

22 JAN 2013
09:21 AM

Created Date: 05/03/2012 02:48 PM

Service Request No.
1206019

1206019

CLOSEOUT INFORMATION

Start: 05/03/2012 03:00 PM	Finish: 05/03/2012 03:15 PM	Completed: Y
Failure: YNCF	Repair: YNFWN	Further Action: YREQST
Comments: THERE IS AN OLD PICK-UP TRUCK LEAKING A LITTLE BIT OF OIL ON TO STREET BUT NOT GETTING INTO STORM SEWER TOLD HER TO CALL CODE ENFORCEMENT AND HEALTH DEPT. CITY POLICE WOULD NOT DO NOTHING..		
Inspected By: SMITH/BOYD	Date: 03-MAY-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 08-MAY-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1207149	Category: DOSD WORK DAT	Type: SPILL
		Title: SPILL DATA
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
35	RECEIVING WATERWAY?	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
20	STORMWATER NOTIFIED Y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013
09:21 AM

Service Request No.
1206019

1206019

Created Date: 05/03/2012 02:48 PM

WORK LOCATION

Address: 217 ALCOTT RD E	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: CALLER REPORT JUNK CAR PARKED IN F/O LEAKING OIL, PLEASE INVESTGATE THE STORM SEWERS

Requested Date:	Crew: SMIC1	Dept: SEWERS	Area: 0105
Next Approver:			
Dispatcher: JONES, CRYSTALYN R		Call Back Ready: Y	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 05/03/2012 03:32:15PM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: SMITH, CORRINE	Call Back: Y
Address: 225 ALCOTT RD E	Suite:
City: 311 COMPLAINT	State: Zip:
Work Phone: (614) 492-1349 Ext:	Home Phone:

SERVICE REQUEST REPORT

22 JAN 2013

09:20 AM

Created Date: 04/04/2012 10:51 AM

Service Request No.
1204777

1204777

CLOSEOUT INFORMATION

Start: 04/04/2012 12:30 PM	Finish: 04/04/2012 01:10 PM	Completed: Y
Failure: YOPEN	Repair: _____	Further Action: _____
<p>Comments: YOPEN - The 8 inch sanitary sewer serving the problem location was open and flowing when checked. Checked manhole # 0097S0140. Storm Water section was dispatched to 2888 Berwick Blvd. to test what little of substance is left (resident stated this happened a week ago). Mr. Boyd and I had an extremely difficult time talking with resident of 2872 Berwick Blvd. We were cussed out repeatedly by him and he could not understand why we wouldn't clean his street and stated we weren't concerned about his complaint even though we responded to complaint and were having substance tested.</p>		
Inspected By: Engle / Boyd	Date: 04-APR-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 06-APR-12	

SPECIFICATIONS

ID:	1204838	Category:	DOSD WORK DAT	Type:	SPILL	Title:	SPILL DATA
Seq. No	Attribute					Value	
5	SPILL AFFECTED AREA?						
10	CAUSE?						
15	CONTAINED Y						
35	RECEIVING WATERWAY?						
25	EPA ON SITE Y						
30	RECEIVING STRUCTURE #						
20	STORMWATER NOTIFIED Y						

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013
09:20 AMService Request No.
1204777

1204777

Created Date: 04/04/2012 10:51 AM

WORK LOCATION

Address: 2888 BERWICK BLVD	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: CALLER (311) STATES THERE SEEMS TO BE SOME SORT OF OIL BEING DUMPED IN GUTTER IN F/O ADDRESS THE CONCERN THAT MAY BE GOING INTO SEWER SEEMS TO BE COMING FROM SUMP PUMP, PLEASE INVESTIGATE

Requested Date:	Crew: ENGS1	Dept: SEWERS	Area: 0097
Next Approver:			
Dispatcher: JONES, CRYSTALYN R	Call Back Ready: Y		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 04/05/2012 08:12:29AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY:

Name: HERZBERG, LOU/PATRICIA	Call Back: Y
Address: 2872 BERWICK BLVD	Suite:
City:	State: Zip:
Work Phone: (614) 260-9663	Ext: CELL Home Phone: (614) 231-9806

Created by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013

08:53 AM

Service Request No.

1204375

1204375

Created Date: 03/26/2012 01:10 PM

SPECIFICATIONS

ID:	1204598	Category:	DOSD WORK DAT	Type:	SSO-CSO	Title:	SSO - SCO DATA
Seq. No	Attribute						Value
45	CAUSE = OTHER?						
40	CAUSE = SURCHARGED - Y						
35	CAUSE = DEBRIS - Y						
30	CAUSE = ROOTS - Y						Y
25	CAUSE = GREASE - Y						Y
20	MH # - DOWNSTREAM OF BLOCKAGE						0104S0079 (blind tap)
15	MH # - UPSTREAM OF BLOCKAGE						0104S0078
10	STRUCTURE OVERFLOWED #						0149S0021
80	RECEIVING WATERWAY?						n/a
5	DESIGNED SEWER RELIEF - DSR #						

SERVICE REQUEST REPORT

23 JAN 2013

08:53 AM

Service Request No.
1204375***1204375***

Created Date: 03/26/2012 01:10 PM

CLOSEOUT INFORMATION

Start: 03/26/2012 01:30 PM	Finish: 03/26/2012 03:35 PM	Completed: Y
Failure: YMHOG	Repair: YJETVACD	Further Action: YCLEAN
<p>Comments: YSSO1 - The 8 inch sanitary sewer was stopped up when checked. Stoppage occurred between upstream manhole # 0104S0078 and downstream blind tap # 0104S0079. Manhole # 0149S0021 was found overflowing at time of arrival. The sewage was contained in area on ground. Sewer was opened with vactor and overflow ended at 15:00. Mike Foster was notified by investigator via radio. Site was secured from the public with barricades and caution tape. The overflow area was cleaned up by Power Cleaning and Complaint crews. Debris was also removed from manhole # 0104S0078. Cause of overflow was debris/grease. YCLN - This sewer needs to be cleaned with a vactor from manhole # 0104S0078 one section(s) to manhole # 0104S0079 and from manhole # 0104S0078 one section(s) to manhole # 0104S0076 and from manhole # 0104S0076 one section(s) to manhole # 0104S0077 and from manhole # 0104S0076 three section(s) to manhole # 0149S0022 soon as possible.</p>		
Inspected By: Engle / Boyd	Date: 26-MAR-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 30-MAR-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1204528	Category: DOSD WORK DAT	Type: WIB-MSS
		Title: WATER IN BASEMENT - MAIN SEW
80	TV TO #	
5	CHECKED FROM STRUCTURE #	
70	CLEAN TO #	
65	CLEAN FROM #	
60	WORK SEQUENCE	
50	TENENT NOTIFIED?	
45	TENENT WATER DRAINED Y	
40	OPEN V=VAC R=ROD H=HAND	
35	CAUSE = UNKNOWN Y	
30	CAUSE = OTHER?	
25	CAUSE = DEBRIS Y	
20	CAUSE = ROOTS Y	
15	CAUSE = GREASE Y	
10	CHECKED TO STRUCTURE #	
75	TV FROM #	
ID: 1204598	Category: DOSD WORK DAT	Type: SSO-CSO
		Title: SSO - SCO DATA
Seq. No	Attribute	Value
75	RECEIVING STRUCTURE #	n/a
70	TIME/DATE OVERFLOW STOPPED	15:00
65	SECURE 1=SIGN 2=HANGER 3=OTHER	barricades, caution tape
60	SUMP PUMP ADDRESS	
55	OVERFLOW AFFECTED AREA?	ground (grass, sidewalk, street)
50	CAUSE = UNKNOWN - Y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:53 AMService Request No.
1204375

1204375

Created Date: 03/26/2012 01:10 PM

WORK LOCATION

Address: 3350 CHAMPION AVE	Suite:
Cross Street: STOCKBRIDGE RD	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: CITIZEN SEES WATER COMMING OUT OF A STORM SEWER. FACING THE SCHOOL, THE SEWER IN ON THE LEFT SIDE.

Requested Date:	Crew: ENGS1	Dept: SEWERS	Area: 0149
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1209679/01		Finished Date: 03/28/2012 07:52:36AM	

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone:	Ext: Home Phone:
Company:	Tax ID:

REPORTED BY

Name: PER 311	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone:	Ext: Home Phone:

SERVICE REQUEST REPORT

22 JAN 2013

09:19 AM

Created Date: 03/16/2012 10:34 AM

Service Request No.

1203769

1203769

CLOSEOUT INFORMATION

Start: 03/16/2012 11:00 AM	Finish: 03/16/2012 11:15 AM	Completed: _____
Failure: YCONT	Repair: _____	Further Action: YREQST
Comments: Chris Bonner of the OEPA wanted a Stormwater crew not a Complaint crew to help him with this issue. Notified the Dispatcher & she called the Stormwater section.		
Inspected By: verhage/yurkovich	Date: _____	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 21-MAR-12	

SPECIFICATIONS

ID: 1204126	Category: DOSD WORK DAT	Type: SPILL	Title: SPILL DATA
Seq. No	Attribute	Value	
5	SPILL AFFECTED AREA?		
10	CAUSE?		
15	CONTAINED Y		
35	RECEIVING WATERWAY?		
25	EPA ON SITE Y		
30	RECEIVING STRUCTURE #		
20	STORMWATER NOTIFIED Y		

SERVICE REQUEST REPORT

22 JAN 2013

09:19 AM

Service Request No.
1203769

1203769

Created Date: 03/16/2012 10:34 AM

WORK LOCATION

Address: 3600 INTERCHANGE RD	Suite:
Cross Street: WILSON RD	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: PER EPA A CITIZEN NOTIFIED THEM OF A POSSIBLE DIESEL FUEL IS BEING DISCHARGED INTO THE STORM THERE AND NOW CAN BE SEEN IN THE DRY RUN CREEK S/W/O THE GAS STATION. THE CITIZEN WHOM NOTIFIED EPA IS RICHARD GROSS, 3368 BRICHAR WAY, 6142799753
--

Requested Date:	Crew: VERS1	Dept: SEWERS	Area: 0117
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No:		Finished Date: 03/16/2012 03:35:19PM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: BONNER, CHRIS		Call Back: N
Address:		Suite:
City: EPA	State:	Zip:
Work Phone: (614) 395-6936	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013
08:15 AMService Request No.
1202804***1202804***

Created Date: 02/27/2012 12:36 PM

CLOSEOUT INFORMATION

Start: 02/27/2012 02:50 PM	Finish: 02/27/2012 03:05 PM	Completed: Y
Failure: YOPEN	Repair: YNFWN	Further Action: _____
Comments: YWIBOPEN 2 The 18 inch sanitary sewer serving the problem location was open and flowing when checked. Checked upstream manhole # C0471 and downstream manhole # C0469. Tenant was told to contact a private sewer cleaner by investigator. NOTIFIED MIKE FOSTER AND PERMITS AT 1510 HRS, BECAUSE TENANT WAS PUMPING SEWAGE FROM HOUSE DOWN THE ALLEY.		
Inspected By: MBOYD/SENLE	Date: 27-FEB-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 05-MAR-12	

SPECIFICATIONS

ID: 1203096	Category: DOSD WORK DAT	Type: WIB-MSS	Title: WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute	Value	
5	CHECKED FROM STRUCTURE #		
80	TV TO #		
15	CAUSE = GREASE Y		
20	CAUSE = ROOTS Y		
25	CAUSE = DEBRIS Y		
30	CAUSE = OTHER?		
35	CAUSE = UNKNOWN Y		
40	OPEN V=VAC R=ROD H=HAND		
45	TENENT WATER DRAINED Y		
50	TENENT NOTIFIED?		
60	WORK SEQUENCE		
65	CLEAN FROM #		
70	CLEAN TO #		
75	TV FROM #		
10	CHECKED TO STRUCTURE #		

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:15 AM

Service Request No.
1202804

1202804

Created Date: 02/27/2012 12:36 PM

WORK LOCATION

Address: 426 WHITTIER ST E	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: CALLER REPORTS THAT SEWAGE IS COMING UP OUT OF GROUND IN BACKYARD OF ABOVE ADDRESS, AND IS RUNNING DOWN THE ALLEY.

Requested Date:	Crew: BOYM1	Dept: SEWERS	Area: 0005
Next Approver:			
Dispatcher: BOBO, DAVID L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 02/27/2012 08:39:57PM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: SPENCER, RAY	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 443-6158 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

08:15 AM

Created Date: 02/21/2012 04:50 PM

Service Request No.
1202509***1202509***

SPECIFICATIONS

Seq. No	Attribute	Value
45	CAUSE = OTHER?	N
40	CAUSE = SURCHARGED - Y	Y
35	CAUSE = DEBRIS - Y	N
30	CAUSE = ROOTS - Y	Y
25	CAUSE = GREASE - Y	Y
20	MH # - DOWNSTREAM OF BLOCKAGE	S0222
15	MH # - UPSTREAM OF BLOCKAGE	S0220
10	STRUCTURE OVERFLOWED #	S0221
80	RECEIVING WATERWAY?	N/A
5	DESIGNED SEWER RELIEF - DSR #	NO

SERVICE REQUEST REPORT

23 JAN 2013

08:15 AM

Service Request No.
1202509***1202509***

Created Date: 02/21/2012 04:50 PM

CLOSEOUT INFORMATION

Start: 02/21/2012 05:15 PM	Finish: 02/21/2012 05:45 PM	Completed: Y
Failure: YM HOP	Repair: YJETTIED	Further Action: YCLEAN
<p>Comments: YSSO2 - The 8 inch sanitary sewer was stopped up when checked. Stoppage occurred between upstream manhole # S0216 and downstream manhole # S0222. Manhole #S0221 was found overflowing at time of arrival. The sewage entered the storm system at MH# number.RP3487 HABITAT II PLAN PROFILE. PRIVATE STORM SEWER PER 910 PERMITS.. Attempts to contain the sewage were successful . MOST CONTAIN TO GROUNDI. Sewer was opened with vactor and overflow ended at 2000HRS. Mike Foster was notified by DISPATCHER AT 1725 HRS. Signs and BARRICADES were placed at UP-FLOW and the site was secured from the public. The site clean up and storm and sanitary sewer cleaning will be done under service request number #1202509. Cause of overflow was roots/grease.</p>		
Inspected By: mboyd/sengle	Date: 21-FEB-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 24-FEB-12	

SPECIFICATIONS

ID:	1202843	Category:	DOSD WORK DAT	Type:	WIB-MSS	Title:	WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute					Value	
80	TV TO #						
5	CHECKED FROM STRUCTURE #					S0216	
70	CLEAN TO #					S0216	
65	CLEAN FROM #					S0222	
60	WORK SEQUENCE					PC	
50	TENENT NOTIFIED?					Y	
45	TENENT WATER DRAINED Y					Y	
40	OPEN V=VAC R=ROD H=HAND					V	
35	CAUSE = UNKNOWN Y					N	
30	CAUSE = OTHER?					N	
25	CAUSE = DEBRIS Y					N	
20	CAUSE = ROOTS Y					Y	
15	CAUSE = GREASE Y					Y	
10	CHECKED TO STRUCTURE #					S0222	
75	TV FROM #						
ID:	1202886	Category:	DOSD WORK DAT	Type:	SSO-CSO	Title:	SSO - SCO DATA
Seq. No	Attribute					Value	
75	RECEIVING STRUCTURE #					UNKNOWN	
70	TIME/DATE OVERFLOW STOPPED					2000HRS 2/21/12	
65	SECURE 1=SIGN 2=HANGER 3=OTHER					1-2	
60	SUMP PUMP ADDRESS					N/A	
55	OVERFLOW AFFECTED AREA?					S0221,RP3487 HABITAT II P PROFILE	
50	CAUSE = UNKNOWN - Y					N	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:15 AM

Service Request No.
1202509

1202509

Created Date: 02/21/2012 04:50 PM

WORK LOCATION

Address: 3771 HABITAT DR	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: WILSON COURT APARTMENTS AT THE CORNER OF WILSON AND ROBERT RD. BEHIND ADDRESS IS A MH OVERFLOWING. ALSO THEY FOUND SEVERAL MH IN PARKING LOT CLOGGED

Requested Date:	Crew: BOYM1	Dept: SEWERS	Area: 0167
Next Approver:			
Dispatcher: WHITE, JANICE L		Call Back Ready: N	
Status: CLOSED		Customer Call Back: N	
WO/Task No: 1205089/01		Finished Date: 02/22/2012 08:45:56AM	

CUSTOMER INFORMATION

Customer ID:		Bill Customer: N
Name:		Customer Call Back: N
Work Phone:	Ext:	Home Phone:
Company:		Tax ID:

REPORTED BY

Name: DELANEY, JOHN		Call Back: N
Address: 3850 HABITAT DR		Suite:
City: RENAL OFFICE	State:	Zip:
Work Phone: (740) 274-2376	Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

08:13 AM

Service Request No.
1201380***1201380***

Created Date: 01/27/2012 01:52 PM

CLOSEOUT INFORMATION

Start: 01/27/2012 02:40 PM	Finish: 01/27/2012 03:00 PM	Completed: Y
Failure: YNCF	Repair: _____	Further Action: YNFAN
Comments: There is no asset # for this job. It was determined that the solution was runoff of an old rusted pipe located in the area. Tenant was notified		
Inspected By: M DAVEY C FRY	Date: 30-JAN-12	
Signoff By: _____	Date: _____	
Closed By: STEWARD, RONALD L	Date: 01-FEB-12	

SPECIFICATIONS

Seq. No	Attribute	Value
ID: 1200835	Category: DOSD WORK DA1	Type: W B-MSS
		Title: WATER IN BASEMENT - MAIN SEW
5	CHECKED FROM STRUCTURE #	
80	TV TO #	
15	CAUSE = GREASE Y	
20	CAUSE = ROOTS Y	
25	CAUSE = DEBRIS Y	
30	CAUSE = OTHER?	
35	CAUSE = UNKNOWN Y	
40	OPEN V=VAC R=ROD H=HAND	
45	TENENT WATER DRAINED Y	
50	TENENT NOTIFIED?	
60	WORK SEQUENCE	
65	CLEAN FROM #	
70	CLEAN TO #	
75	TV FROM #	
10	CHECKED TO STRUCTURE #	

SERVICE REQUEST REPORT

23 JAN 2013

08:13 AM

Created Date: 01/27/2012 01:52 PM

Service Request No.
1201380

1201380

WORK LOCATION

Address: 5TH AVE E	Suite:
Cross Street: SAINT CLAIR AVE	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: RAW SEWAGE ON THE GROUND NEAR THE RAILROAD TRESTLE ALONG E. FIFTH AVE. CITIZEN SAYS THE SEWAGE IS ALWAYS IN THE DITCH. CITIZEN SAYS SHE CAN SHOW THE EXACT LOCATION OF THE SEWAGE. CITIZEN WOULD LIKE A CALL OF THE RESULTS.

Requested Date:	Crew: DAVM1	Dept: SEWERS	Area: 0030
Next Approver:			
Dispatcher: WHITE, JANICE L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 01/30/2012 10:41:54AM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: LIGHT, CARRIE	Call Back: N
Address: 641 E. FIFTH AVE	Suite:
City:	State: Zip:
Work Phone: (614) 297-8290 Ext:	Home Phone:

SERVICE REQUEST REPORT

23 JAN 2013

08:12 AM

Service Request No.
1201373

1201373

Created Date: 01/27/2012 12:45 PM

SPECIFICATIONS

ID:	1200847	Category:	DOSD WORK DAT	Type:	SSO-CSO	Title:	SSO - SCO DATA
Seq. No	Attribute						Value
35	CAUSE = DEBRIS - Y						
30	CAUSE = ROOTS - Y						
25	CAUSE = GREASE - Y						
20	MH # - DOWNSTREAM OF BLOCKAGE						
15	MH # - UPSTREAM OF BLOCKAGE						headed
10	STRUCTURE OVERFLOWED #						s0104
80	RECEIVING WATERWAY?						Olentangy River T0356
5	DESIGNED SEWER RELIEF - DSR #						

SERVICE REQUEST REPORT

23 JAN 2013
08:12 AMService Request No.
1201373***1201373***

Created Date: 01/27/2012 12:45 PM

CLOSEOUT INFORMATION

Start: 01/27/2012 04:45 PM	Finish: 01/27/2012 05:10 PM	Completed: Y
Failure: YHEADED.	Repair: YSECURED	Further Action: YREPAIR
Comments: Manhole 0232S0104 had overflowed during the day but had stopped by 3PM. Sewage left the manhole and entered storm inlet T0121. Barrels and tape were placed around the contaminated area. Some blacktop around S0104 had been washed out and will need to be removed and replaced. Site needs to be cleaned up by a vactor. Mike Foster was notified. Spoke with tenant.		
Inspected By: Hedges	Date: 27-JAN-12	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 06-FEB-12	

SPECIFICATIONS

ID:	Category:	Type:	Title:
1200831	DOSD WORK DAT	WIB-MSS	WATER IN BASEMENT - MAIN SEW
Seq. No	Attribute	Value	
80	TV TO #		
5	CHECKED FROM STRUCTURE #		
70	CLEAN TO #		
65	CLEAN FROM #		
60	WORK SEQUENCE		
50	TENENT NOTIFIED?		
45	TENENT WATER DRAINED Y		
40	OPEN V=VAC R=ROD H=HAND		
35	CAUSE = UNKNOWN Y		
30	CAUSE = OTHER?		
25	CAUSE = DEBRIS Y		
20	CAUSE = ROOTS Y		
15	CAUSE = GREASE Y		
10	CHECKED TO STRUCTURE #		
75	TV FROM #		
ID:	Category:	Type:	Title:
1200847	DOSD WORK DAT	SSO-CSO	SSO - SCO DATA
Seq. No	Attribute	Value	
75	RECEIVING STRUCTURE #	T0121	
70	TIME/DATE OVERFLOW STOPPED	01/27/12 3PM	
65	SECURE 1=SIGN 2=HANGER 3=OTHER	barrels/tape	
60	SUMP PUMP ADDRESS		
55	OVERFLOW AFFECTED AREA?	street/Storm sewer	
50	CAUSE = UNKNOWN - Y		
45	CAUSE = OTHER?		
40	CAUSE = SURCHARGED - Y	y	

Submitted by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

23 JAN 2013
08:12 AMService Request No.
1201373***1201373***

Created Date: 01/27/2012 12:45 PM

WORK LOCATION

Address: 4385 OLENTANGY RIVER RD	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YUPFLOW - Flow from ground or structure.	

Problem Description: sewage has come up through manhole and is in parking lot, also manhole is caving in
 Manhole 0232S0104 had overflowed during the day but had stopped by 3PM. Sewage left the manhole and entered storm inlet T0121. Barrels and tape were placed around the contaminated area. Some blacktop around S0104 had been washed out and will need to be removed and replaced. Site needs to be cleaned up by a vactor.

Requested Date:	Crew: HEDT1	Dept: SEWERS	Area: 0232
Next Approver:			
Dispatcher: BOBO, DAVID L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No: 1202581/01	Finished Date: 01/27/2012 07:34:50PM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: mattle, susanne	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 451-8485 Ext:	Home Phone:

Created by: DEPIESZALA

Oracle

Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2013
08:08 AMService Request No.
1200300***1200300***

Created Date: 01/06/2012 07:50 PM

CLOSEOUT INFORMATION

Start: 01/06/2012 08:33 PM	Finish: 01/06/2012 08:50 PM	Completed: Y
Failure: YCONT	Repair: YSECURED	Further Action: _____
<p>Comments: when we arrived at the above location the fire department have secured the spill with sand and they said it was about 10 to 20 gal of diesel fuel on the ground when they arrived so they put sand on it to secured it and it did not get into the storm sewer we checked number 0585 and 0581 and 0580 the 12 inch storm sewer and we notified mike foster and the fire department notified e.p.a and they did not show up at this location and we going to notified stoern water to checked this location a moving company truck leak the diesel fuel on the ground but was not on site whe the fire department arrived .</p>		
Inspected By: harris passmoore	Date: _____	
Signoff By: _____	Date: _____	
Closed By: RICHARDS, JEFFREY C	Date: 10-JAN-12	

SPECIFICATIONS

ID:	1200228	Category:	DOSD WORK DAT	Type:	SPILL	Title:	SPILL DATA
Seq. No	Attribute					Value	
5	SPILL AFFECTED AREA?						
10	CAUSE?						
15	CONTAINED Y						
35	RECEIVING WATERWAY?						
25	EPA ON SITE Y						
30	RECEIVING STRUCTURE #						
20	STORMWATER NOTIFIED Y						

SERVICE REQUEST REPORT

22 JAN 2013
09:08 AM

Service Request No.
1200300

1200300

Created Date: 01/06/2012 07:50 PM

WORK LOCATION

Address: 2500 FARMERS DR	Suite:
Cross Street:	
City:	State: Zip:
Service Request Type: INVESTIGATE	
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.	

Problem Description: fire dept called about fuel spill in front of above address.

Requested Date:	Crew: HARH1	Dept: SEWERS	Area: 0739
Next Approver:			
Dispatcher: BOBO, DAVID L	Call Back Ready: N		
Status: CLOSED	Customer Call Back: N		
WO/Task No:	Finished Date: 01/08/2012 09:09:01PM		

CUSTOMER INFORMATION

Customer ID:	Bill Customer: N
Name:	Customer Call Back: N
Work Phone: Ext:	Home Phone:
Company:	Tax ID:

REPORTED BY

Name: fire dept	Call Back: N
Address:	Suite:
City:	State: Zip:
Work Phone: (614) 221-1899 Ext:	Home Phone:

City of Columbus
2012 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
1	Hap Cremean Lagoon 3	Grade & Fill	148
2	South High St. (Scioto Downs)	2946-E	63
3	Cypress Wesleyan Church	CC-16317	58.4
4	Abbie Trails - Mass Fill	CC-16268	29.5
5	Old State Rd - Del. Co	2952-E	29.15
6	Hilliard Woods Ph 1 & 2	3008-E	21
7	Lakes @ Taylor Station , Sec 6, 1 & 2	CC-16337	16.3
8	Wal-Mart on Sawmill	CC-16338	15.73
9	Riverside MH Neuroscience Inst.	CC-16333	14.4
10	Scioto Audobon Southern Tier	CC-16269	14.2
11	National Lime & Stone	CC-16117	14
12	Giant Eagle on 3rd Ave.	CC-16150	14
13	Hayden Crossing Sect 8	CC-16195	13.1
14	V & S Galvaizing Plant	CC-16146	12.7
15	Smoky Row Rd SWI	2955-E	12.3
16	The Strathmoor	CC-16242	12
17	Palmer House on the Boulevard	CC-16302	12
18	Clifton on the Boulevard	CC-16303	12
19	Upper Albany West Sect. 7	2993-E	11.5
20	The District (Edwards Farm)	CC-16325	10.3
21	Shook Rd. (SR 317) Phase 2	2873-E	10
22	Abbie Cove Apts	CC-16274	10
23	Dublin Rd Water Plant	CC-16258	10
24	Cabela's @ Polaris	CC-16133	9.5
25	Lakes @ Taylor Station , Sec 5	CC-16114	9.4
26	Park Place Hotel	CC-16279	9.2
27	Northpark Phase 2 & 3	CC-16321	9
28	Germain Infiniti	CC-16255	8.2
29	Winchester Village Apts	CC16326	8.2
30	VLD Grading	CC-16121	7.5
31	American Addition Ph1	2639-E	7.4
32	OSU Field Imps	CC-16125	7
33	Village at Preserve X-ing PH4, Pt2	CC-16192	6.6
34	Concourse Hotel	CC-16318	6.5
35	POLARIS 801	CC-16295	6.4
36	Villages at Albany Crossing, Sect. 8	CC-16130	6.2
37	Alum Creek Dr. Fill Site	Grade & Fill	6.1
38	Walmart Parking Lot Demo	CC-16205	6
39	Hamilton Rd Senior Housing	CC-16243	6
40	Germain Infiniti	Mass Exc.	5.2
41	Randall Hall (2265 Refugee)	CC-16248	5
42	Refugee Road (2265)	Grade & Fill	4.9
43	Blacklick Ck. Stream Restoration	CC-16245	4.7
44	Village @ Haydens Crossing Sect. 9	CC-16237	4.5

**City of Columbus
2012 Construction Section, SWP3 Plans Review List**

#	Name of Project	Plan Number	Acres Disturbed
45	Chelsea Sq. West	CC-16230	4.4
46	Riverside Mass Exc.	CC-16149	4
47	Cota Facility Renovations	CC-16209	4
48	Central College BW Sub. Pt 1	CC-16264	4
49	Germain Ford on Sawmill	CC-16210	3.8
50	Dublin Granville Dev.	CC-16223	3.8
51	Henderson Road Development	CC-16143	3.3
52	Trabue Dublin Rds	Grade & Fill	3.3
53	Hap Cremean Water Plant Imps	CC-16261	3.2
54	Turkey Hill on Georgesville	CC-16301	3.2
55	Residence Inn by Marriot	CC-16316	3
56	Winchester/Gender Development	CC-16176	2.7
57	Olentangy Meadows South	4443-D	2.7
58	Madden's Point Hotel	CC-16328	2.5
59	Brittany Hills Bike Path	?	2.4
60	Columbus Commons Mixed Use	CC-16238	2.4
61	Alum Creek Storm Mitigation	CC-16200	2.3
62	Columbia Gas - Arena Dist.	Grade & Fill	2.3
63	Broadbelt Arena West	2690-E	2.2
64	University Marriot Hotel	CC-16171	2.2
65	Cardinal Self Storage	CC-16119	2
66	Wat Buddha Samakidham	CC-16155	2
67	Southside Health Center	CC-16187	2
68	Lyra North Stream Mitigation	CC-16282	2
69	Knightsbridge Medical Office	CC-16283	2
70	Jim Keim Ford	CC-16290	2
71	Riverside Methodist Interim	CC-16120	1.7
72	OSU - 18th Ave.	CC-16167	1.7
73	Long St. Apts Ph 1&2	CC-16207	1.6
74	Freeway Business Park	CC-16276	1.6
75	Long St/Apts SWI	2984-E	1.6
76	Building 10K, LLC	CC-16287	1.6
77	Columbia Gas Offices	CC-16315	1.6
78	BIR, Chilled Water SU	CC-16144	1.5
79	Milo - Grogan Recreation Center	CC-16165	1.5
80	Pet Suites on Hamilton	CC-16250	1.5
81	Linden Neighborhood CIP	CC-16178	1.4
82	Olive Garden on Renner	CC-16191	1.4
83	McDonalds on Morse	CC-16298	1.4
84	Nationwide Childrens Hospital	CC-16164	1.3
85	McDonalds Rebuild (W. Broad)	CC-16221	1.3
86	Grahm Electric	CC-16122	1.2
87	OSU Chilled Water Plant Storm	CC-16159	1.2
88	Fireproof Building on N. High	CC-16241	1.2

City of Columbus
2012 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
89	Kroger on Chambers Exp	CC-16284	1.2
90	Abbie Trails Drive	2992-E	1.2
91	Cornerstone Academy Addition	CC-16128	1.1
92	Flat II	CC-16285	1.1
93	Polaris Parkway (2045)	CC-16332	1.1
94	Ashbuton/Dale CIP	CC-16188	1+
95	Graceland Shopping	Water	1+
96	Neil Ave. Signal Upgrades	2945-E	1+
97	American Addition Demo.	2964-E	1+
98	Winchester Pike @ Brice	FRA-376	1+
99	Stelzer/James Road	3005-E	1+
100	Eakin Rd over Early Run	2926-E	1
101	Marland Dr. Bridge Rep.	2943-E	1
102	Wall St. Sewer Relocation (San)	CC-16126	1
103	Arena West-Private Drive	CC-16134	1
104	W. Nationwide Blvd. SI	2944-E	1
105	Spring, Lafayette, Neilston SWI	2947-E	1
106	N. High St. & Westview (COTA)	2950-E	1
107	N. High St. Layover (COTA)	CC-16157	1
108	OSU Chilled Water Plant	2949-E	1
109	Linowrth Rd. Imps @ Bluffway	2951-E	1
110	Bikeway (Misc. Intersections)	2941-E	1
111	Cardinal Self Storage	CC-16162	1
112	Millay Alley	CC-16160	1
113	Tire Discounters - Stelzer	CC-16170	1
114	High St. FRA 23-23.69	1574-E	1
115	Parsons Ave. SI	2958-E	1
116	Morse Road @ Village at Preserve X-ing	2961-E	1
117	ISP Chemicals - Atlas Ave.	Grade & Fill	1
118	Starr Ave - Alley N/O	2962-E	1
119	Third Ave. @ Olentangy RR (San)	CC-16172	1
120	Fisher Rd. Driveway	2963-E	1
121	Noe Bixby @ E. Main St. Culvert	2959-E	1
122	Fisher Rd @ Hague Ave. SI	2960-E	1
123	Clivedon Rd. & Northgates SI	2965-E	1
124	Bobby Layman Chevrolet	CC-16204	1
125	Dublin-Granville Rd. @ Federated	2967-E	1
126	N. Wright Ave. Utility Xing	2970-E	1
127	Morse & Sunbury Rd's (RLC)	2973-E	1
128	S. High & E. Rich St. Imps	2974-E	1
129	Thompson Rd @ Chestnut Hill Dr.	2975-E	1
130	North Front St @ Hickory (SI)	2977-E	1
131	Primary Care Doctor's Office (SI)	2978-E	1
132	Alum Creek Dr. E/on Refugee	2981-E	1

City of Columbus
2012 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
133	N. High @ E 5th Ave. SWI	2983-E	1
134	E. Main St. @ McCalister SI	2987-E	1
135	Fisher @ Hillard-Rome SI	2985-E	1
136	Morse @ Westerville Rd SI	2980-E	1
137	Tim Hortons, Harrisburg Pike SI	2982-E	1
138	Central College BW Sub. Pt 2	CC-16265	1
139	Family Dollar on S. Hamilton	CC-16294	1
140	S. Hamilton Rd. SI	2991-E	1
141	Georgesville @ Clime SI	2989-E	1
142	Northland Mall NS SWI	2990-E	1
143	Town & 4th St's CSO Imps	CC-16297	1
144	Cherry & 4th Sts Redirection	CC-16296	1
145	Thompson Rd SI	3000-E	1
146	Northwest Blvd SI	2986-E	1
147	Goodale/Olentangy Trail	2994-E	1
148	US 33@ Twin Rivers Drive	2997-E	1
149	N. High @ Russell (Cota)	3006-E	1
150	Terrace Av CIP611009	CC-16066	1
151	Gemini Place @ Carylake Circle	3003-E	1
152	Sawmill, Sawbury & Billingsley	SWI 3007-E	1
153	Masters Insurance Group	CC-16253	0.98
154	McCulloughs Tree Service on 161	CC-16185	0.97
155	Duxberry Landing Homes	CC-16118	0.9
156	NTB Columbus E. Broad	CC-16131	0.9
157	Fifth Third Bank N. High St.	CC-16132	0.9
158	Tire Discounters - 2640 Bethel Rd.	CC-16182	0.9
159	Raising Canes - 6511 E. Broad	CC-16183	0.9
160	Victorian Village Apts (W 3rd.)	CC-16196	0.9
161	Automax P.L. on Billingsley	CC-16201	0.9
162	Nationwide CH Entry Reconst.	CC-16202	0.9
163	Dollar General on E. Main	CC-16214	0.9
164	Family Dollar Store on Winchester Pike	CC-16226	0.9
165	Byers Mazda Subaru	CC-16236	0.9
166	Commons @ Livingston 2	CC-16235	0.9
167	McDonalds @ Community Park Dr.	CC-16324	0.9
168	McDonalds on S. High St.	CC-16344	0.85
169	Taco Bell on Tussing Rd.	CC-16147	0.8
170	Columbus Diesel Truck Maint.	CC-16198	0.8
171	The Hubbard @ N. High & Hubbard Ave.	CC-16224	0.8
172	Chesapeake Park Apts.	CC-16225	0.8
173	Bobby Layman on W. Broad	CC-15252	0.8
174	Indian Mound Park on Parsons	CC-16311	0.8
175	East Broad St. (6400) Office Redev.	CC-16161	0.75
176	North Meadows Retail Store	CC-16288	0.75

City of Columbus
2012 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
177	Panda Express - Hillard Rome	CC-16154	0.73
178	Discovery Commons on Spring	CC-16139	0.7
179	Tim Hortons on Roberts Rd.	CC-16184	0.7
180	Certified Oil, Frank Rd.	CC-16189	0.7
181	East Broad St. (940-950) P.L.	CC-16193	0.7
182	Hilltop Branch YMCA	CC-16206	0.7
183	AY Manufacturing on Crosswinds	CC-16220	0.7
184	Out of the Closet Thriftstore	CC-16259	0.63
185	KFC @ Childrens Hospital	CC-16249	0.6
186	Old Police Academy on McKinley	CC-16313	0.6
187	Jewish Community Center on College	CC-16330	0.6
188	Heidelberg Dist. Parking Addition	CC-16229	0.55
189	Tim Hortons on N. Wilson Rd.	CC-16257	0.54
190	Vision Service Plan on Rohr	CC-16208	0.5
191	Bethel United Presby. Church	CC-16215	0.5
192	Primary Care Dr's Office on Cleveland	CC-16219	0.5
193	Alliance Data (Covered Walkway)	CC-16222	0.5
194	Blackburn Park on Carpenter	CC-16310	0.5
195	Columbus Midwest Sunoco	CC-16331	0.5
196	Hayward Distributing on Perimeter	CC-16233	0.45
197	Taco Bell on W. 5th Ave.	CC-16127	0.4
198	Cleary Company on Kenny Rd.	CC-16138	0.4
199	Omni Columbus One	CC-16163	0.4
200	Tuttle Jupiter Expansion	CC-16197	0.4
201	Tim Hortons on Harrisburg Pike	CC-16270	0.4
202	Allied Mineral on Scioto Parkway	CC-16320	0.4
203	Parker Store Pl on Wilson Rd.	CC-16329	0.4
204	Moo Moo Express on W. 5th Ave.	CC-16145	0.3
205	Norwich Ave. (38 East) P.L.	CC-16166	0.3
206	Nationwide Blvd	CC-16323	0.3
207	A&G Auto LLC. Livingston	CC-16111	0.2
208	Delwanda Park & Ride (COTA)	CC-16124	0.2
209	Wonderbread Apts on N. 4th	CC-16211	0.2
210	19th Hole Restaurant E. 13th Ave.	CC-16267	0.2
211	Days Inn New Additions	CC-16083	0.1
212	Columbus Maennerchor	CC-16217	0.1

212 Plans Reviewed

**Acres Disturbed
(Potential)**

903.18

2012 SWP3 Construction Site Inspections

Site Inspection Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossing), Demo, Misc. Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2012
1	1302 South Champion Ave	AC	Demolition	1
2	1690 Demolished and graded lot	AC	Complaint	1
3	2008 E Fulton St	AC	CC-15944	8
4	2100 Alum Creek Dr/ Remediation Plan	AC	CC-16200	3
5	2160 Alum Creek Dr	AC	Complaint	1
6	2228 Alum Creek Drive	AC	Site Comp	2
7	2228 Alum Creek Drive	AC	Prelim	1
8	2228 Alum Creek Drive SI	AC	2981-E	2
9	2228 Alum Creek Drive Storm Plan	AC	CC-16121	2
10	2243-2277 Refugee Rd.	AC	CC-16248	2
11	2265 Refugee Rd - Grade & Fill	AC	Grade & Fill	3
12	480 Lazelle Rd.	AC	CC-15237	7
13	901 E Broad St. Demo	AC	Complaint	2
14	AEP Substation on St. Clair	AC	Grade & Fill	7
15	Alta View Village	AC	2180-E	8
16	Alum Creek Trail	AC	2834-E	15
17	Amtec 8575 Dearborn Dr.	AC	CC-15841	4
18	Antares Extension	AC	2925-E	7
19	Antares Stream Mitigation @ Polaris	AC	CC-16080	9
20	Anteres Extension	AC	Complaint	1
21	Arledge Construction	AC	Complaint	1
22	Arledge Construction	AC	CC-16068	6
23	Arterial Street Rehab Alum Creek Dr Ph-B	AC	Grade & Fill	4
24	Avenue @ Polaris	AC	CC-15843	5
25	Budhamamaka Storage Bldg.	AC	CC-15910	2
26	Building 10K	AC	CC-16287	3
27	C.I.C.C. Church	AC	CC-14666	8
28	Cabela's	AC	CC-16133	7
29	Camden & St. Clair	AC	Grade & Fill	1
30	Camden/St. Clair	AC	Complaint	1
31	Capital Park Family Health Center	AC	CC-15805	19
32	Carr Supply	AC	CC-14234	7
33	Commons @ Livingston 2	AC	CC-16235	1
34	Commons at Livingston	AC	CC-15697	2
35	Complaint Kenwick & Eastminster Rd's	AC	Water CIP	1
36	Demo Site (YWCA N Nelson Rd)	AC	Demolition	1
37	Duxberry Landing Homes	AC	CC-16118	12
38	East 25th Ave & Joyce	AC	CC-15610	5
39	Eastminster	AC	Complaint	2
40	Elim Cul-de-sac	AC	2801-E	7
41	Elim Manor 202	AC	CC-15699	7
42	Elim Manor Sec. 8	AC	CC-15701	8
43	E-Net	AC	CC-16069	21
44	English Bay Batter Addition	AC	CC-16040	15
45	Family Dollar	AC	CC-15982	5
46	Franklin Co. Job and Family Services	AC	CC-15808	19
47	Gemeni Place Towne Center	AC	CC-15259	2

Legend for Watersheds: AC - Alum Creek, BD - Big Darby, BL - Blacklick Creek, BW - Big Walnut Creek, LW - Little Walnut Creek, OL - Olentangy River, RF - Rocky Fork Creek, SC - Scioto River

2012 SWP3 Construction Site Inspections

Site Inspection Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossing), Demo, Misc. Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2012
48	Germain Infinity	AC	Mass Exc.	5
49	Getsemani Church	AC	CC-15887	15
50	Goo-Goo Car Wash	AC	CC-15967	10
51	Gramercy Garage Stock Pile	AC	CC-16084	20
52	Greater Christ Temple	AC	CC-15166	3
53	Harrisburg Pike Clearing	AC	Complaint	1
54	Hobby Lobby Polaris	AC	Complaint	4
55	Hudson & Joyce Storm Sewer	AC	2630-E	13
56	Iglesia Fuente de Salvacion	AC	CC-15170	2
57	Jack Gibbs Blvd.	AC	Complaint	1
58	Johnstown Rd and Stelzer Rd Imp	AC	2908-E	1
59	JPMorgan Chase Parking Lot	AC	CC-15857	6
60	Kenlawn St & Eddystone Ave.	AC	Complaint	1
61	Lazelle Rd SI	AC	2836-E	5
62	Linden Ave CIP 704	AC	CC-14557	1
63	Linden Mckinley Stem Academy	AC	CC-15730	15
64	Linden Mckinley SWI	AC	2784-E	15
65	Little Ceasars on Cleveland	AC	CC-16039	1
66	Micro Hand Surgery	AC	CC-15892	9
67	Morse Rd. & Westerville Rd. Imp.	AC	2980-E	2
68	Mufflin Elem. School	AC	CC-14669	1
69	NCH - KFC Site Development Project	AC	CC-16249	2
70	North Linden Health Center	AC	CC-15371	20
71	Ohio Soils Recycling- S. Expansion Proj.	AC	Site Comp	15
72	Park (Wolfe)	AC	Complaint	1
73	Payne Av Warehouse	AC	CC-16103	2
74	Polaris Amphitheater	AC	Complaint	7
75	Polaris Pkwy (North)	AC	2880-E	7
76	Polaris West	AC	CC-14467	7
77	Primary Care Dr's Office	AC	CC-16219	2
78	Progressive Insurance Morse Rd.	AC	CC-15942	19
79	Ramseyer Presbyterian Church	AC	CC-15821	15
80	Shops at Northland Park	AC	CC-15965	18
81	Spangler Road Condos	AC	CC-14204	2
82	Spartan Logistics	AC	CC-16100	1
83	Spring Hill Missionary Baptist Church	AC	CC-13647	2
84	St Charles W Campus	AC	CC-16108	8
85	Sunbury Hotel	AC	CC-16016	21
86	Taco Bell - 2111 E Livingston Av	AC	CC-16058	4
87	Taylor Mansion - 1400 E Broad St	AC	CC-16193	1
88	The Lake at Polaris	AC	CC-15115	6
89	Tim Hortons (Morse Rd.)	AC	CC-16019	12
90	Tim Horton's/ Demo Lot - E Livingston Av	AC	CC-16059	2
91	Traditions at Worthington Woods	AC	CC-14579	8
92	Turkey Run Detention at Port Columbus	AC	Complaint	1
93	Village @ Courtright Sq.	AC	CC-13438	6
94	Village at Bexley	AC	CC-12155	8

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#	Project Name	Watershed	Plan Number	Site Visits 2012
95	Village at Polaris Green	AC	CC-13699	9
96	Villages @ Alum Creek SEC. 1	AC	4430-D	8
97	Villages @ Alum Creek SEC. 2	AC	4448-D	8
98	Villas at Stone Cliff Sec 1	AC	2051-E	22
99	Villas at Stone Cliff Sec 1, P. 1 & 2	AC	CC-13890	18
100	Villas at Stone Cliff Sec. 2, Pt. 1-3	AC	CC-14240	22
101	Wal-mart Parking Lot Demo	AC	CC-16205	9
102	Wat Buddha Samakidham	AC	CC-16155	2
103	Water Tower (Lazelle Rd.)	AC	CC-15595	5
104	Whitney Young Condos	AC	CC-15278	4
105	Worthington Galena/ Mentor Dr. Imp.	AC	2764-E	7
106	Worthington Green	AC	CC-15681	10
107	Yenkin-Majestic Paint Rail Imps.	AC	CC-15960	3
108	Clover groff Stream Restoration Ph. 2	BD	CC-15765	13
109	Cypress Wesleyan Church Parking Ex	BD	CC-15859	6
110	Abbie Cove Apartments	BL	CC-15831	1
111	Abbie Trails Drive	BL	2992-E	1
112	AG Auto LLC	BL	CC-16111	3
113	Alliance Data - Americana Pkwy	BL	CC-16222	3
114	Arbors at Turnberry	BL	CC-15796	6
115	Bedford Place	BL	CC-14694	3
116	Blacklick Creek Imp	BL	Complaint	1
117	Blacklick Creek Stream Restoration	BL	CC-16245	1
118	Blacklick Crk GBP Rec Trl Ph 10	BL	2704-E	6
119	Blacklick Crk Greenway Trail	BL	CC-15666	6
120	Brice Rd & E Broad St Street Impr	BL	2867-E	9
121	Broad St Villas	BL	CC-14789	2
122	Cedar Run, Sect. 1	BL	4425-D	6
123	Cedar Run, Sect. 2	BL	4449-D	6
124	Cedar Run, Sect. 3	BL	4461-D	6
125	Cobbleton Grove Condos	BL	CC-14774	5
126	Creekstone Sec. 2 PT. 3	BL	4347-D	6
127	Creekstone-Sect. 2 PT.4	BL	4346-D	3
128	Diafuku Am Corp	BL	CC-16086	10
129	Dorchester Green Condos	BL	CC-13385	7
130	Dorchester, Sec. 3	BL	4454-D	7
131	Dorchester, Sect. 2	BL	4452-D	7
132	Gender & Refugee Rd (RLC)	BL	2934-E	1
133	Grand Reserve @ Reynolds C. PHI	BL	CC-14522	10
134	Hines Rd DOW Storage Tank	BL	CC-15901	4
135	Lakes @ Taylor Station Sec. 3	BL	CC-15097	8
136	Lakes @ Taylor Station Sec. 4 Pts 1-3	BL	CC-15593	9
137	Lakes @ Taylor Station Sect. 5	BL	CC-16114	5
138	Longwood Basin (COMPLAINT)	BL	4334-D	3
139	McNeil Farms	BL	Complaint	1
140	Meadows @ Shannon Lakes Sec 1	BL	4415-D	6
141	Meadows @ Shannon Lakes Sec 2, 3	BL	4437-D	6

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#	Project Name	Watershed	Plan Number	Site Visits 2012
142	Menard's Mass Excavation	BL	CC-15935	12
143	Menard's Mass Excavation	BL	CC-15907	6
144	NTB	BL	CC-16131	5
145	Office Redevelopment	BL	CC-16161	1
146	Ohio Mulch 225 Business Center Dr.	BL	CC-15950	5
147	Raising Canes - 6511 E Broad St	BL	CC-16183	4
148	Ravines at Waggoner Park, Ph2	BL	CC-12966	3
149	Rec & Parks Demo Work @ Shannon Green	BL	Complaint	1
150	Refugee Rd 54" Storm	BL	CC-15377	6
151	Reynolds Crossing Sec. 2	BL	CC-15935	9
152	Reynolds Crossing, Sect. 1-1 & 1-2	BL	2103-E	9
153	Speedway - 6399 Refugee Rd	BL	CC-15927	7
154	St Imp Rossehill & E Broad	BL	Complaint	1
155	Stonehill, Sec. 1, Pts 1-3	BL	1961-E	7
156	SWI Refugee & Gender Rd's	BL	2865-E	5
157	Town Sqr Villages @ Shannon Rd	BL	CC-13192	5
158	Turnberry Sec 2	BL	3847-D	2
159	Turnberry Sec 7	BL	4400-D	2
160	V. Abbie Trails Sec 1	BL	4385-D	6
161	V. Abbie Trails Sec 2	BL	4404-D	6
162	V. Abbie Trails Sec 3	BL	2130-E	6
163	Village @ Reynolds Crossing Sec. 1	BL	CC-13941	9
164	Villages @ Waggoner Park Ph 2	BL	CC-15535	3
165	Villages at Waggoner Park	BL	CC-12347	3
166	Waggoner Chase, Sect. 2	BL	4253-D	6
167	Waggoner Park Ph. 3	BL	CC-13040	3
168	Waggoner Trace, Sec. 1	BL	4455-D	6
169	Waggoner Trace, Sec. 2, Pt 1&2	BL	4460-D	7
170	4575 E Fifth Av	BW	Grade & Fill	1
171	4600 International Gateway	BW	Demolition	2
172	6320 Tussing Road - Taco Bell	BW	CC-16147	3
173	Albany Landing Ph. 1, 2 & 3	BW	CC-15664	18
174	Amberfield @ Big Walnut (Sect. 2)	BW	4436-D	2
175	Amberfield at Big Walnut Pt. 1	BW	4396-D	2
176	Archer Daniels Midland - ADM	BW	CC-16057	5
177	Asherton Grove Condos	BW	CC-15231	21
178	Big Walnut Creek (Utiity Work)	BW	Complaint	1
179	Bridgeway Ave Regional Basin	BW	CC-15878	8
180	Bridgeway Ave.	BW	2850-E	8
181	Buckeye Pride Storage	BW	CC-15882	3
182	Carnegie Cove/ Eastwood Villas Ret. Basin	BW	CC-13665	3
183	Chatterton Rd 24" Watermain	BW	WATER	3
184	Chelsea Sq. West	BW	CC-16230	6
185	Christ Cathedral Church	BW	CC-15660	5
186	CNG Fuel Facility - Groves Rd	BW	CC-18597	6
187	E Broad St @ Taylor Stn Rd (RLC)	BW	2933-E	3
188	E Livingston Over Big Walnut	BW	FRA-CR15-7.56	7

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#	Project Name	Watershed	Plan Number	Site Visits 2012
189	E Main St @ McNaughten Rd (RLC)	BW	2935-E	2
190	East Landings Sect 1 Parts 1&2	BW	2022-E	6
191	Eastwood Villas Condos	BW	CC-13747	3
192	Gates of McNaughten	BW	4421-D	1
193	Germain Mazda	BW	CC-16008	16
194	Germain Nissan	BW	CC-15968	10
195	Hamilton Rd Senior Housing	BW	CC-16243	2
196	HAP Cremean Lagoon 3	BW	Grade & Fill	9
197	HAP Cremean Water Plant Drainage Imp	BW	CC-16261	2
198	Idlewild Dr. Storm Imprv	BW	CC-13366	9
199	Kimberly Pkwy SI	BW	2828-E	3
200	Lakes @ Taylor Station	BW	CC-14276	8
201	Lakes @Taylor Station Sec. 2	BW	CC-14791	5
202	Laurel Cannon Church	BW	CC-15977	7
203	Liberty Elementary School	BW	CC-15877	9
204	Masjid Oumar Al-Foutiyu, 4561 Refugee	BW	CC-15475	7
205	MCE Chiller Bldg	BW	CC-16093	7
206	McNaughten Rd SI	BW	2864-E	6
207	Morse Rd. Eco-Station	BW	CC-15762	12
208	N James Rd Imps	BW	2922-E	4
209	Net Jets Headquarters	BW	CC-15865	6
210	New Albany Apartments	BW	CC-16029	17
211	New Albany Apartments	BW	Grade & Fill	5
212	Noe Bixby Rehab @ Big Walnut Creek	BW	1687-A	1
213	Olde Orchard Elem	BW	CC-15854	9
214	Olde Orchard Rd SI	BW	2883-E	9
215	Pet Suites	BW	CC-16250	2
216	Port Columbus - Welcome Zone	BW	CC-15964	15
217	Port Columbus Golf Course	BW	CC-15898	5
218	Port Columbus Runway Replacement	BW	CC-15848	8
219	Prince of Peace Lutheran Church	BW	CC-16110	2
220	Ravines at Broadview	BW	CC-13550	22
221	Ravines of McNaughten PH 3	BW	CC-13589	1
222	Refugee Rd SWI	BW	2847-E	4
223	Reserve at McNaughten	BW	4453-D	2
224	Reservoir PRP Site 14 (Pollution Reduction Project)	BW	CC-15608	3
225	Reservoir PRP Site 14, 15	BW	CC-15608	2
226	Reservoir PRP Site 14, 15, 16	BW	CC-15608	3
227	Reservoir PRP Site 14, 15, 16, 18	BW	CC-15608	1
228	Reservoir PRP Site 14, 17	BW	CC-15608	3
229	Reservoir PRP Site 14, 18	BW	CC-15608	2
230	Reservoir PRP Site 15	BW	CC-15608	3
231	Reservoir PRP Site 15, 16	BW	CC-15608	3
232	Reservoir PRP Site 15, 16, 18	BW	CC-15608	1
233	Reservoir PRP Site 16	BW	CC-15608	5
234	Reservoir PRP Site 16, 18	BW	CC-15608	1
235	Reservoir PRP Site 18	BW	CC-15608	5

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#	Project Name	Watershed	Plan Number	Site Visits 2012
236	Reservoir PRP Site 21	BW	CC-15608	7
237	Reservoir PRP Site 26	BW	CC-15608	10
238	Reservoir PRP Site 26, 14	BW	CC-15608	1
239	Reservoir PRP Site 26, 14, 15, 16 and 17	BW	CC-15608	2
240	Reservoir PRP Site 26, 15, 16	BW	CC-15608	2
241	Reservoir PRP Site 26, 21, 18,14, 15,16	BW	CC-15608	1
242	Ridge at Chestnut Hill Ph. 2	BW	CC-15688	2
243	S Hamilton AV@ Refugee Rd (RLC)	BW	2918-E	1
244	Shook Rd	BW	2873-E	1
245	Shook Rd PH 1	BW	2582-E	3
246	Taco Bell	BW	CC-15817	3
247	Tire Discounters on S. Hamilton Rd	BW	CC-16170	10
248	Tire Discounters S Hamilton Rd	BW	CC-16109	5
249	Towne Park Sec. 1	BW	CC-14269	22
250	Towne Park Sec. 2	BW	CC-14814	15
251	Towne Park Sec. 3	BW	CC-15586	22
252	Transmission Shop on Refugee	BW	CC-15686	7
253	Turkey Run Detention at Port Columbus	BW	CC-15837	12
254	Upper Albany West Sec 1	BW	2058-E	20
255	Upper Albany West Sec 2	BW	2205-E	21
256	Upper Albany West Sec 3	BW	2290-E	21
257	Upper Albany West Sec 3	BW	2754-E	21
258	Upper Albany West Sec 6	BW	2058-E	16
259	Village at Albany Crossing Sec. 3	BW	CC-14267	20
260	Village at Albany Crossing Sec. 7	BW	CC-15904	21
261	Village at Albany Crossing Sec. 8	BW	CC-16130	12
262	VSP - 2605 Rohr Rd	BW	CC-16208	3
263	Warner Rd.	BW	CC-16112	8
264	Winchester Bend Apts	BW	CC-15831	8
265	Woodlands Community	BW	CC-15782	3
266	Ashbrook Run Ph. 1-3	LW	CC-15286	7
267	Ashbrook Run Ph. 4	LW	CC-15825	7
268	Chatterton Villas/ Commons	LW	CC-12851	3
269	Chelsea Glen Commercial	LW	CC-14626	4
270	Chelsea Glen SI	LW	2852-E	6
271	Cleared Parcel on Lehman Rd	LW	Complaint	1
272	Family Dollar	LW	CC-16226	1
273	Gender Rd - PH 2	LW	2893-E	2
274	Gender Rd East SWI	LW	2874-E	2
275	Gender Rd Office Pk & Approach/ SI	LW	2248-E	4
276	Glen at Schirm Farms PH 1-5	LW	CC-13531	7
277	Lehman Estates, Section 1	LW	4097-D	4
278	Lehman Estates, Section 5	LW	4417-D	4
279	Lehman Meadows	LW	2222-E	4
280	Lehman Road Storm Ditch Impr	LW	Complaint	1
281	Private Drives at Winchester/Gender	LW	CC-16176	1
282	Trails at Chatterton East, Section 1	LW	2216-E	6

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#	Project Name	Watershed	Plan Number	Site Visits 2012
283	Village at Schirm Farms	LW	CC-12987	1
284	White Ash Part I	LW	4352-D	1
285	Whiteoak Multifamily Dev	LW	CC-13224	7
286	Whiteoak Multifamily Dev Sec. 2	LW	CC-16012	4
287	Whiteoak Multifamily Dev. Sec. 2	LW	Prelim	3
288	1555 Olentangy River Rd	OL	CC-16017	5
289	1836 Hamlet	OL	Complaint	1
290	36 E. Norwich	OL	CC-16166	2
291	3M Demo 4th St. & 6th Ave.	OL	Complaint	8
292	3M Demo/Soil Remediation - 1206 N 4th St	OL	Demolition	2
293	3rd Ave Comm. Duct Bank	OL	Complaint	3
294	4400 N. High St. Bldg. A	OL	CC-15751	7
295	5th Ave. Dam Removal	OL	CC-15943	5
296	5th Ave. Dam Removal	OL	Complaint	1
297	807 Kinnear Road Office	OL	CC-16091	9
298	869 Cook Rd. Water Line	OL	Complaint	1
299	955 West Fifth Ave	OL	CC-15858	4
300	AEP	OL	Complaint	1
301	AEP Substation OSU	OL	OSU	12
302	AEP Tunnel	OL	Complaint	8
303	Aveda Parking Lot	OL	CC-16020	4
304	Benchmark Apts.	OL	CC-16052	9
305	Bethel United Presb. Church	OL	CC-16215	3
306	Bethel Uniyed Presbyterian Church	OL	CC-16070	10
307	Busch Blvd. & Shapter	OL	2919-E	2
308	Calumet St. Bridge	OL	1670-A	1
309	Canyon Dr. Area Water Main Imp.	OL	09-030	3
310	Cardinal Self Storage	OL	CC-16119	5
311	Cardinal Self Storage	OL	CC-16162	5
312	CBEC Bldg.	OL	CC-16101	7
313	Charleston Ave.	OL	Complaint	1
314	Charleston Drainage Imp.	OL	CC-14534	6
315	Chesapeake Park Apartments	OL	CC-16225	1
316	Cleary Co. Kenny Rd.	OL	CC-16098	4
317	Clinton Elementary	OL	CC-15840	9
318	Clinton Heights Ave. SWI	OL	2835-E	8
319	College Rd. & 11th. Ave. SI	OL	2861-E	9
320	Cols Coated Fabrics ~ Public Imp Areas	OL	2726-E	1
321	Columbia Gas Pumping Violation	OL	Complaint	1
322	Columbia Gas-Pumping Violation- N.4Th.	OL	Complaint	1
323	Columbia Gas-Walhalla	OL	Complaint	5
324	Columbus Coated Fabric	OL	Grade & Fill	10
325	Columbus Coated Fabric 6th. St., Ph.-2	OL	2846-E	8
326	Commons @ Third	OL	CC-15853	8
327	Cooke Rd. Waterline (CIP 690236)	OL	Complaint	1
328	COTA Delawanda Park & Ride	OL	CC-16124	5
329	Dodridge St. Bridge	OL	FRAcr52-4.4	1

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#	Project Name	Watershed	Plan Number	Site Visits 2012
330	E Hudson & High Apts	OL	Complaint	1
331	Fairfield Inn Outlot	OL	Complaint	3
332	Fairfield Inn Outlots	OL	Demolition	3
333	Field Hockey / Outdoor Tennis Complex	OL	CC-15473	2
334	Fifth Third Bank	OL	CC-16132	7
335	First Ave Inflow Redirect	OL	CC-16002	2
336	Fransisco Glen	OL	2299-E	9
337	Freeway Business Park	OL	CC-16276	2
338	Freeway Business Park	OL	Demolition	2
339	Giant Eagle on Third Ave.	OL	CC-16150	10
340	Goodale Urban Multi-Family	OL	CC-16044	13
341	Graceland Water Line	OL	12-162	2
342	Grant Ave SI	OL	2726-E	4
343	Grant Ave Utility Imp. 5th to 11th	OL	CC-15672	8
344	Habitat Lots	OL	Complaint	7
345	Hale Hall/ South Oval Geothermal	OL	CC-15955	26
346	Haley Hollow	OL	4393-D	8
347	Hard Rd. Park	OL	CC-16056	9
348	Hard Rd. Park	OL	Complaint	1
349	Hard Rd. Park / Site Compliance	OL	Complaint	9
350	Harrison Park	OL	2124-E	13
351	Henderson Rd. Development	OL	CC-16143	4
352	Hollywood Casino Demo	OL	CC-15707	1
353	Hollywood Casino Grade & Fill	OL	CC-15707	12
354	Hudson & High Apts	OL	CC-13561	3
355	IHOP on Sawmill Rd	OL	CC-16050	5
356	Kempton Run	OL	4444-D	8
357	Kinnear Road Redevelopment	OL	CC-16027	13
358	Lenappe/Canyon Dr. Storm Water Imp	OL	CC-15663	3
359	Liberty Crossing	OL	Grade&Fill	11
360	Lindsey Woods (Newbury)	OL	2017-E	9
361	Lindsay Woods (Romanelli & Hughes)	OL	2017-E	9
362	Linworth Woods	OL	4370-D	10
363	Logans Roadhouse	OL	CC-15993	3
364	Marland Dr. Bridge Replacement	OL	2943-E	4
365	McAllister Crossing	OL	2239-E	8
366	McCullough's Tree Service	OL	CC-16185	4
367	McDonald's @ 17th Ave	OL	CC-16105	1
368	Millay Alley	OL	CC-16160	6
369	Milo-Grogan Rec. Center	OL	CC-16165	3
370	Moo Moo Express Car Wash	OL	CC-16145	1
371	N. 4th. & E. 8th.	OL	CC-16088	4
372	N. High St / Westview SI. (COTA)	OL	2950-E	5
373	N. High St. Layover (COTA)	OL	CC-16157	6
374	N. High St. SI.	OL	2805-E	7
375	ODNR State Fairgrounds Improvements	OL	CC-16087	4
376	Ohio School for the Blind	OL	CC-15565	19

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#	Project Name	Watershed	Plan Number	Site Visits 2012
377	Ohio School for the Deaf	OL	CC-15563	19
378	Oldstone Crossing Sec. 1	OL	4434-D	12
379	Oldstone Crossing Sec. 2	OL	2000-E	11
380	Oldstone Crossing Sec. 3	OL	2750-E	12
381	Olentangy Meadows Dr. Access Road	OL	2860-E	12
382	OSU 18th Ave.	OL	CC-16167	6
383	OSU Basketball Practice Facility	OL	CC-15712	6
384	OSU Chilled Water Plant	OL	2949-E	6
385	OSU Chilled Water Plant(Storm)	OL	CC-16159	6
386	OSU Core North	OL	CC-15886	1
387	OSU Field Imp.	OL	CC-16125	3
388	OSU Woodruff & Tuttle SI	OL	CC-15880	8
389	Overbrook Sanitary	OL	Complaint	1
390	Pet Suites on 23 North	OL	CC-15731	12
391	Ravines at Flint Park	OL	CC-14787	11
392	Reserve at Mercer Square	OL	CC-15338	4
393	Residence at Liberty Crossing	OL	CC-16072	9
394	Riverside Hospital Interim Conditions	OL	CC-16120	3
395	Riverside Methodist Hosp. Mass. Exc.	OL	CC-16149	10
396	Riverside Methodist Hospital Early Site	OL	CC-16099	11
397	Riverview Drive Imp	OL	1769-E	5
398	Seventeenth Ave. Rebuild	OL	CC-15917	6
399	Skyline Dr. SWI	OL	2779-E	3
400	South High Rise - Smith & Steeb	OL	CC-15784	9
401	South High Rise Tower Renovations	OL	CC-15721	9
402	Spirit of Women Park	OL	CC-15855	5
403	St. Clair & Camden	OL	Complaint	1
404	Tenth Ave. @ Worthington St. SI	OL	2808-E	6
405	Third Ave CIP	OL	CC-16172	1
406	Traditions at Highbluffs Ph. 1-4	OL	CC-14167	13
407	Tribeca	OL	CC-16074	12
408	Twelfth Ave. Imp.	OL	CC-16092	6
409	Union Cemetary	OL	Complaint	2
410	Victorian Village Apts	OL	CC-16196	1
411	Village at Olentangy Meadows	OL	CC-13756	12
412	Village at Olentangy Meadows Sec. 2	OL	4441-D	11
413	Village at Olentangy Meadows Sec. 4	OL	4457-D	11
414	Village at Olentangy Meadows-South	OL	4443-D	12
415	Village at the Bluffs	OL	CC-14116	8
416	Water Dept. (Pumping) 4Th. & Hudson	OL	Complaint	1
417	Weinland Park SI	OL	2726-E	4
418	Weinland Park-NRP Lots	OL	Complaint	10
419	Weinland Park-Wagenbrenner Lots	OL	Complaint	9
420	Wesley Glen Parking Lot	OL	CC-16065	6
421	Wesley Glen Pkng Lot - 5155 N High ST	OL	CC-16085	1
422	Wesley Glen Wellness Add. - 5155 N. High	OL	CC-15826	7
423	Whetstone Center / Ohio Health	OL	Demolition	5

Legend for Watersheds: AC - Alum Creek, BD - Big Darby, BL - Blacklick Creek, BW - Big Walnut Creek, LW - Little Walnut Creek, OL - Olentangy River, RF - Rocky Fork Creek, SC - Scioto River

2012 SWP3 Construction Site Inspections

Site Inspection Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossing), Demo, Misc. Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2012
424	Whetstone Park	OL	Complaint	1
425	William H Hall Complex	OL	CC-15806	7
426	Windsor Pool Impr.	OL	CC-15958	8
427	Albany Crossing Sec. 5	RF	CC-15385	21
428	Albany Reserve Condos	RF	CC-14036	20
429	Albany Station Condos	RF	CC-14017	1
430	Bridgestone/Firestone	RF	CC-15947	2
431	Caleb's Creek	RF	CC-16037	20
432	Chelsea Square	RF	CC-15889	24
433	Cornerstone Academy	RF	CC-16128	5
434	CVS on Warner Rd.	RF	CC-15727	9
435	Dent Solutions	RF	CC-15208	2
436	Dent Solutions (Complaint)	RF	CC-13923	1
437	Farms at New Albany Park	RF	CC-15281	13
438	Fodor Rd & New Albany Rd Roundabout	RF	2787-E	1
439	Glenabby Condos	RF	CC-13763	11
440	New Albany Care Center	RF	CC-15941	10
441	New Albany Market McDonald's	RF	CC-15948	2
442	Overland Park	RF	CC-16073	13
443	Preserve Crossing Blvd.	RF	Complaint	1
444	Preserve Crossing Condos Ph. 4	RF	CC-14769	24
445	Preserve Crossing Ph. 2 & 3	RF	CC-14101	4
446	Reserve at Preston Woods	RF	CC-14308	22
447	Southland Self Storage	RF	CC-15566	1
448	The Hamptons	RF	CC-15143	13
449	Town Sq. Villages at Preserve Crossing	RF	CC-14073	11
450	Traditions at Rocky Fork	RF	CC-14108	22
451	Upper Albany West Sec 6, Ph 1 & 2.	RF	2832-E	10
452	Village at Albany Crossing Sec. 1	RF	CC-13883	19
453	Village at Albany Crossing Sec. 2	RF	2065-E	19
454	Village at Albany Crossing Sec. 6	RF	2813-E	21
455	Village at Preserve Crossing Ph. 4 Part 2	RF	CC-16192	13
456	Village at Preston Woods	RF	CC-15991	18
457	Villas at Sugar Run Ph. 1	RF	CC-14874	22
458	Villas at Sugar Run Ph. 2	RF	CC-15389	22
459	Villas at West Albany	RF	CC-14665	22
460	Warner & Hamilton SWI	RF	2793-E	3
461	Willows at Preserve Crossing Sec. 1	RF	CC-13445	23
462	Willows Crossing	RF	CC-15973	24
463	1302 S Champion AV	SC	Complaint	2
464	166 Woodland Av	SC	CC-15832	1
465	2233 Hardy Parkway Street	SC	Grade & Fill	14
466	262-280 Hanover St.	SC	CC-16060	6
467	3764 Christie Rd E	SC	Complaint	1
468	393 S Ohio Ave.	SC	Complaint	1
469	407 N Brinker	SC	Complaint	11
470	425 W. Nationwide Blvd	SC	CC-16051	13

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2012 SWP3 Construction Site Inspections

Site Inspection Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossing), Demo, Misc. Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2012
471	567 E Livingston Av	SC	Complaint	3
472	5Th. & Cleveland Ave(Pumping)	SC	Complaint	1
473	905 E. Long St.	SC	CC-16003	6
474	940-950 E Broad ST. (Parking Lot)	SC	CC-16193	4
475	A Y Manufacturing LTD	SC	CC-16220	5
476	Alkire Run 1	SC	4426-D	13
477	Alkire Run 1 & 2	SC	4463-D	14
478	Alkire Woods	SC	CC-13950	14
479	Allied Mineral	SC	CC-16320	1
480	Alum Crest / Clearbrook School	SC	CC-16033	19
481	Arena West Development	SC	CC-16071	13
482	Arena West Private Drive	SC	CC-16134	4
483	Ashton Point	SC	4412-D	15
484	Auto Care Center	SC	CC-14472	12
485	Auto Max on Billingsley	SC	CC-16201	5
486	Avery Place	SC	CC-13876	7
487	Avery Rd. SI	SC	2841-E	5
488	Bartfield SI	SC	2819-E	6
489	Berliner Park San Sewer Imp.	SC	CC-15695	14
490	Big Lots Substation	SC	CC-15952	1
491	Big Run Ridge 1	SC	4427-D	14
492	Big Run Ridge 2	SC	4435-D	14
493	BIR, Chilled Water SU	SC	CC-16144	1
494	Bobby Layman Chevrolet	SC	CC-16204	6
495	Born Brewery Building	SC	CC-16078	6
496	Brittany Place Sec. 2	SC	CC-15336	7
497	Brittany Place Sec.1	SC	CC-14382	9
498	Broadway	SC	CC-14409	8
499	Brookfield Village Apts.	SC	CC-16101	13
500	Bulen Ave. Storm Improvement	SC	CC-15584	5
501	Campbell Oil	SC	CC-15980	11
502	Cardinal Self Storage	SC	CC-15962	5
503	CCS Georgian Heights Elementary	SC	CC-15753	10
504	Cedarwood Elem School	SC	CC-15804	7
505	Central Ohio Oil/Oil Works	SC	CC-15954	1
506	Certified Oil Corp.	SC	CC-16189	6
507	Champion Ave - Whittier St	SC	Complaint	1
508	CHN Inglewood Court	SC	CC-15995	11
509	CMHA Franklinton Station	SC	CC-16007	11
510	Columbia Gas Offices	SC	CC-16315	1
511	Columbus Commons Mixed Use	SC	CC-16238	4
512	Columbus State Union Hall Renov.	SC	CC-15987	10
513	Compost Diversion Swale	SC	CIP-611051	3
514	Cota McKinley Ave.	SC	CC-16209	4
515	CPD Property Facility	SC	CC-15894	6
516	CSX Intermodal Terminal Part A	SC	CC-15997	9
517	CSX Intermodal Terminal Part B	SC	CC-16089	9

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2012 SWP3 Construction Site Inspections

Site Inspection Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossing), Demo, Misc. Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2012
518	CVS Pharmacy	SC	CC-15926	7
519	Dan Tobin Buick	SC	CC-15165	2
520	Dodge Pool Imp.	SC	CC-15956	9
521	Dollar General - 1403 E Main St	SC	CC-16214	4
522	Dollar General - Main St & McCallister Av SI	SC	2987-E	1
523	E Long St & N 17th St SI	SC	2894-E	3
524	Easy Pay Auto Sales	SC	CC-15460	7
525	Fairfield Inn Suites	SC	CC-15082	6
526	Fairwood Av Impr North of Watkins Rd	SC	2552-E	5
527	Fairwood Av Impr South of Watkins Rd	SC	CC-15810	4
528	Fisher Road Booster Station	SC	CC-15560	10
529	Fisher Road Gravel Lot	SC	CC-15363	3
530	Flats 2	SC	CC-16285	1
531	Fort Hayes Implementation	SC	CC-16047	10
532	Friendship Village of Dublin-Villas	SC	CC-15735	9
533	Fulton / Mound / Noble CS Rehab.	SC	CC-15613	2
534	Gabriels Landing	SC	CC-14418	8
535	Galloway Ridge 8	SC	4391-D	14
536	Germain Ford on Sawmill	SC	CC-16210	2
537	Grandview Fill Site on Dublin Road	SC	Grade & Fill	9
538	Grandview Retail Center	SC	CC-15419	12
539	Great Oaks 1	SC	4451-D	14
540	Hardy Parkway Street Imp	SC	2862-E	4
541	Hartman Ponds 1	SC	4424-D	14
542	Hartman Ponds 2	SC	2291-E	14
543	Hayden Crossing 2	SC	CC-13925	1
544	Hayden Crossing Sec. 2	SC	CC-13529	9
545	Hayden Crossing Sec. 3	SC	CC-13926	8
546	Hayden Crossing Sec. 8	SC	CC-16172	4
547	Hayden Crossing Sec. 9	SC	CC-16237	3
548	Hayden Crossing South and Sec. 5	SC	CC-14208	16
549	Hayden Farms Sec. 4 & 5	SC	CC-14466	8
550	Hayden Farms-3	SC	2227-E	6
551	Hayden Farms-4	SC	2275-E	6
552	Hayden Farms-5	SC	2350-E	9
553	Hayden Run Blvd Pt.-2	SC	2302-E	1
554	Haydens Crossing Sec. 4	SC	CC-14271	9
555	Haydens Crossing Sec. 6	SC	CC-14333	9
556	Haydens Crossing Sec. 6 Pt. 3	SC	CC-15744	10
557	Hayden's Reserve	SC	CC-14353	11
558	Hayward Distributing	SC	CC-16233	3
559	Heidelberg Distributing Parking Addition	SC	CC-16229	6
560	Heidelburg Distributing Parking Addition	SC	CC-15945	9
561	Heinzerling Outdoor Learning	SC	CC-15923	8
562	Hilltop Branch YMCA	SC	CC-16206	2
563	Hilltop Gasline Replacement	SC	Complaint	3
564	Hilton Columbus Downtown	SC	CC-15800	13

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2012 SWP3 Construction Site Inspections

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#	Project Name	Watershed	Plan Number	Site Visits 2012
565	Hilton Columbus Downtown Imp	SC	2820-E	13
566	Hollywood Casino	SC	CC-15981	11
567	Hollywood Casino	SC	CC-15984	3
568	Hollywood Casino / Old site	SC	Complaint	1
569	House of Blessings Worship Center	SC	CC-15502	14
570	I-Hop on Renner	SC	CC-15970	6
571	Jackson Pike Additions	SC	CC-15829	13
572	Jeffrey Place 1	SC	1784-E	6
573	Jeffrey Place Ph. 2	SC	1784-E	7
574	Karric Square	SC	CC-15891	3
575	Lane Woods	SC	CC-12360	12
576	Langford Meadows 5	SC	2032-E	14
577	Liberty Place Condos 2	SC	CC-15440	12
578	Livingston & Parsons Ave SI	SC	2637-E	4
579	Livingston Ave Watermain IMP	SC	CC-15516	1
580	Livingston Park	SC	CC-15763	1
581	Lockbourne Rd & Smith Rd	SC	Complaint	4
582	Long Street Apts	SC	CC-16207	3
583	Marble Cliff Crossings	SC	4115-D	12
584	Marion Rd Swimming Pool Imp	SC	CC-15957	8
585	Maryland & Denver Ave. - CIP	SC	CC-15716	2
586	McDonalds @ Mound Street	SC	CC-16049	4
587	McDonalds Rebuild	SC	CC-16221	2
588	Mercer Square Phase 2	SC	CC-15692	10
589	Monarch Greene	SC	2807-E	12
590	Monesi Trucking	SC	Complaint	1
591	Mooberry SI	SC	2715-E	9
592	National Lime & Stone Co.	SC	CC-16117	9
593	National Lime & Stone Concrete Recycling	SC	CC-15433	3
594	Nationwide Corp. Center	SC	CC-16063	13
595	NCH (Leased) Parking Lot	SC	Complaint	4
596	NCH BHS & ADOL Clinic	SC	2838-E	1
597	NCH Central Campus Imp.	SC	CC-16164	5
598	NCH Parking Lot - 793 E Livingston Av	SC	CC-16043	7
599	NCH Parking Lot Addition - 6435 E Broad St	SC	CC-15974	6
600	NCH Parking Lot Reconstruction	SC	CC-16202	3
601	NCH Replacement Hospital	SC	CC-15540	5
602	NCH Research BLDG 3	SC	CC-15693	3
603	New Market Mall	SC	CC-15921	11
604	North Broadway SWI	SC	Complaint	1
605	North Grove	SC	4442-D	14
606	OARS Ph. 2	SC	CC-15838	13
607	Ohio Expo North Parking Lot Imp.	SC	CC-15715	1
608	Old Columbus Police Station	SC	CC-15558	14
609	Olive Garden Restaurant	SC	CC-16191	6
610	OSIS Augmentation & Relief	SC	CC-15838	6
611	OSIS Augmentation & Relief Shaft 1	SC	CC-15684	8

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2012 SWP3 Construction Site Inspections

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#	Project Name	Watershed	Plan Number	Site Visits 2012
612	OSIS Augmentation & Relief Shaft 1 & 2	SC	CC-15684	5
613	OSIS Augmentation & Relief Shaft 3	SC	CC-15838	10
614	OSIS Augmentation & Relief Shaft 4	SC	CC-15838	11
615	OSIS Augmentation Jackson Pike	SC	CC-15684	1
616	OSIS Jobs	SC	Complaint	1
617	OSIS Odor Control CIP	SC	CC-15720	16
618	OSIS Odor Control CIP Shaft 4	SC	CC-15720	1
619	OSIS Odor Control CIP Shaft 5	SC	CC-15720	8
620	Paddock at Hayden Run	SC	CC-15803	1
621	Paddock at Haydens Crossing Ph. 2-C	SC	CC-16064	11
622	Paddock Ph. 1A	SC	CC-15748	4
623	Paddock Ph. 1B & 2	SC	CC-15803	4
624	Paddock Ph. 2B & 2C	SC	CC-15803	8
625	Panda Express - Hilliard Rome	SC	CC-16154	5
626	River Bend Road Imp.	SC	2863-E	1
627	River Highland Condos	SC	CC-13469	10
628	Riverside & Birchton SI	SC	2804-E	7
629	Riverside Bradley	SC	Demolition	12
630	Safford / Union Area CIP	SC	CC-15559	6
631	Sawmill Rd. @ 161 SWI	SC	2923-E	7
632	Scioto Audubon Soil Remediation	SC	Grade & Fill	13
633	Scioto Audubon Southern Tier	SC	CC-16269	3
634	Scioto Bikeway Connector	SC	Complaint	2
635	Scioto Downs	SC	CC-16104	1
636	Scioto Pointe	SC	CC-7539	7
637	Scioto Station Condos	SC	CC-13616	1
638	Scioto Trail Riversedge / 5th	SC	2629-E	1
639	Skyview Towers	SC	CC-15959	7
640	Slaty Hollow	SC	CC-14484	7
641	South Big Run SI	SC	2691-E	11
642	South High St. Scioto Downs	SC	2946-E	1
643	Southside Health Center	SC	CC-16187	4
644	Spray Ground at Blackburn Park	SC	CC-16310	1
645	St Philips - 166 Woodland Av	SC	CC-15767	1
646	Starling Grade School K-8	SC	CC-15870	14
647	Stonebridge Crossing	SC	CC-14549	9
648	Sullivant Ave. Water Line Repair	SC	Complaint	5
649	Sullivant Ave. Water Line Repair	SC	Complaint	1
650	Summerlyn 1	SC	4445-D	14
651	Summerlyn 2	SC	2353-E	14
652	Sussex Place 1	SC	4416-D	14
653	Sussex Place 2	SC	2007-E	14
654	Sussex Place 3	SC	2212-E	14
655	Taco Bell on Georgesville Rd.	SC	CC-16004	6
656	Tansky Toyota	SC	CC-16061	7
657	Tech South (Fortuno Mgmt)	SC	CC-15627	5
658	The Columbus Jack Offices/Condos	SC	CC-15896	1

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2012 SWP3 Construction Site Inspections

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#	Project Name	Watershed	Plan Number	Site Visits 2012
659	The Falls @ Hayden Run 3	SC	CC-14995	10
660	The Falls @ Hayden Run 5	SC	CC-15571	4
661	The Falls at Hayden Run 1	SC	CC-14092	11
662	The Falls at Hayden Run 4	SC	CC-15214	5
663	The Hubbard	SC	CC-16224	3
664	The Strathmoor	SC	CC-16242	3
665	Tim Hortons on Harrisburg Pike	SC	CC-16270	3
666	Tim Hortons on N. Wilson Rd.	SC	CC-16257	2
667	Timkin Fill Site	SC	Grade & Fill	3
668	Trabue Road Self Storage	SC	CC-16097	10
669	Traditions @ Mill Run	SC	CC-16011	11
670	V&S Columbus Galvanizing-987 Buckeye Park Rd	SC	CC-16146	4
671	Village @ Galloway Run 2	SC	CC-13318	14
672	Village @ Hilliard Run	SC	CC-14180	13
673	Village @ Pine Grove	SC	CC-13638	14
674	Volunteers of America	SC	CC-15909	6
675	West Nationwide Blvd. SI	SC	2944-E	1
676	Washington Blvd. & Rich St.	SC	Complaint	1
677	Wonderbread Apts.	SC	CC-16211	6
678	Woods at Hayden Run	SC	CC-14640	7

	Total Sites		4605
678 Independent Sites	Visits		

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**City of Columbus
2012 Post Construction BMP
Plan Review List**

Project Name	Drawing No	Plan Date	BMP Type
Refugee Rd. Sidewalk/Shared Use Path	2847 Dr. E	03-Jan-12	Others (9)
Chelsea Glen Drive	2852 Dr. E	24-Jan-12	Proprietary device
Tire Discounters South Hamilton Road	cc16109	26-Jan-12	Wet detention basin
The Residences at Liberty Crossing	cc16072	27-Jan-12	Wet detention basin
Tribeca	cc16074	27-Jan-12	Proprietary device
SWACO Morse Rd. Eco-Station	cc15762	27-Jan-12	Proprietary devices (3) & Wet detention basin (1)
CMHA Franklin Station (Structure 4)	cc16007	17-Feb-12	Proprietary device
Grammercy Garage (Easton Town Center)	cc16084	23-Feb-12	Wet detention basin (1), Dry detention basins (3) & Proprietary device (1)
Scioto Downs	cc16104	29-Feb-12	Wet detention basins (3)
Trabue Road Self Storage	cc16097	07-Mar-12	Wet detention basin
National Lime and Stone Co.	cc16117	07-Mar-12	Wet detention basin
Riverside Methodist Hospital Interim Conditions	cc16120	15-Mar-12	Proprietary device
Cardinal Self Storage Worthington	cc16119	22-Mar-12	Proprietary device
Graham Electric	cc16122	27-Mar-12	Proprietary device
North Fourth East Eighth	cc16088	09-Apr-12	Bioretention (8)
Cabela's	cc16133	11-Apr-12	1 Other
Antaters Park at Polaris	cc16080	18-Apr-12	Dry detention basin (1) & Wet detention basins (2)
The Lakes at Taylor Station Sec. 3	cc16114	08-May-12	Wet detention basins (2)
Private Storm Sewer & SW Facilities	cc16146	14-May-12	Wet detention basin
Nationwide Childrens Hospital Central Campus Imp.	cc16164	14-May-12	Proprietary device
Hard Road Park	cc16056	14-May-12	Bioretention
Private Storm Sewer & SW Facilities	cc16146	14-May-12	Wet detention basins (2)
Tire Discounters	cc16170	15-May-12	Wet detention basin
Henderson Rd. Development	cc16143	01-Jun-12	Proprietary device
East Regional Chilled Water Plant	cc16159	07-Jun-12	Bioretention & Proprietary device
Giant Eagle Grandview Yard	cc16150	20-Jun-12	Sand filter & Proprietary device
CBEC Buidling - West Woodruff Ave.	cc16102	02-Jul-12	Proprietary device
North High Street Layover	cc16157	03-Jul-12	Bioretention (2)
Prince of Peace Lutheran Church	cc16110	30-Jul-12	Bioretention
Germain Ford	cc16210	06-Aug-12	Proprietary devices (2)
East Regional Chilled Water Plant	cc16167	10-Aug-12	Vegetated swales (4)
Schottenstein Center Basketball Practice Fac. Add.	cc15712	10-Aug-12	Proprietary device
East Regional Chilled Water Plant	cc16167	10-Aug-12	Vegetated swale

**City of Columbus
2012 Post Construction BMP
Plan Review List**

Project Name	Drawing No	Plan Date	BMP Type
Alum Creek SW Mitigation & Remed. Phase 2	cc16200	15-Aug-12	Vegetated swale
Mariott Hotel (Univeristy Plaza Hotel Retrofit)	cc16171	21-Aug-12	Proprietary device
Vision Services Plan	cc16208	21-Aug-12	Dry detention basin
Boehringer Ingelheim Roxane Wilson Rd. Complex	cc16144	22-Aug-12	Wet detention basin
COTA Essex Ave. Facility	cc16175	31-Aug-12	Dry detention basin
Wesbury Park, Dublin-Granville Road Development	cc16223	31-Aug-12	Proprietary device
Villages at Preserve Crossing, Phas3 4, Part 2	cc16192	12-Sep-12	Wet detention basin
COTA McKinley Ave. Phase 2 Renovations	cc16209	26-Sep-12	Proprietary device
New Engine House #35 (City of Cols. Fire Station)	cc16193	12-Oct-12	Dry detention basin
Freeway Business Park	cc16276	24-Oct-12	Dry detention basin
Scioto Audobon Metro Park. - S. Tier Improvements	cc16269	01-Nov-12	Bioretentions (2)
Pet Suites	cc16250	05-Nov-12	Dry detention basin
Abbie Cove Apartments	cc16274	07-Nov-12	Wet detention basin
The Strathmoor	cc16242	07-Nov-12	Wet detention basins (2)
Hamilton Road Senior Housing	cc16243	19-Nov-12	Wet detention basin
Hap Cremean Water Plant Drainage Improvements	cc16261	20-Nov-12	Dry detention basin

**City of Columbus
2012 Post Construction BMP
Inspection Summary**

Plan No	Plan Title/Name	Columbus WQ Inspection Date	WQ BMPs
cc15191	Ohio Mulch	01-Jan-12	Proprietary device
cc15021	DHL - Columbus	01-Jan-12	Wet detention basins
cc14703	Meijer Outparcel "D"	13-Feb-12	Proprietary device
cc12566	Speedway	23-Feb-12	Proprietary device
cc14933	Speedway	23-Feb-12	Dry detention basin
cc15233	Capitol Tunneling, Inc.	27-Feb-12	Dry detention basin
cc15591	Proposed Farber Specialty Vehicles	27-Feb-12	Dry detention basin
cc14893	Zion Christian Assembly (Phase #1)	27-Feb-12	Dry detention basin
cc14970	Franklin County Specialty Vehicle Parking Facility	29-Mar-12	Dry detention basin
cc15363	Fisher Road Gravel Lot	29-Mar-12	Other
cc15135	Giant Eagle #6517	10-Apr-12	Proprietary device & Wet detention basin
cc14931	Gutknecht Office Building Site	10-Apr-12	Dry detention basin
cc14734	Highland Pointe	17-Apr-12	Proprietary devices (5)
cc14981	Private storm sewer, GetGo Convenience Store #3512	17-Apr-12	Proprietary device
cc15332	Fairfield Inn at Polaris	17-Apr-12	Proprietary device
cc15077	Value Place Hotel	17-Apr-12	Dry detention basin
cc14685	Easton N. Regional Basin WQ Retrofit	03-May-12	Dry detention basins (2)
cc15706	Phase 2 Rumpke of Ohio Building 1 Expansion	17-May-12	Proprietary device
cc15618	Rumpke Site Improvements, Phase I	17-May-12	Proprietary devices (2)
cc15348	The Info Depot LLC	19-Jun-12	Dry detention basins (2)
cc15299	1629 Northwest Blvd.	26-Jun-12	Other
cc14827	Huy Road Elementary School	26-Jun-12	Dry detention basin
cc15411	Lifestyles Riversouth	26-Jun-12	Proprietary device
cc15846	Jason's Deli	28-Jun-12	Bioretention
cc15857	JP Morgan Chase Lot X Expansion	28-Jun-12	Wet detention basin
cc15893	The Mall at Tuttle Crossing/(was BJ's Restaurant)	28-Jun-12	Proprietary device
cc15846	Jason's Deli	28-Jun-12	Bioretention
cc14853	Oakmont Elementary School	06-Jul-12	Dry detention basin
cc15154	Priv. storm Ohio Dom. Univ. parking lot expansion	06-Jul-12	Proprietary device
cc15261	Ohio Dominican University Student Center	06-Jul-12	Dry detention basin
cc15351	Airport Shuttle Bus Administrative Facility	11-Jul-12	Dry detention basin
cc14937	5165-5199 Warner Rd. / (Falco Smith Kelley)	11-Jul-12	Dry detention swale
cc15346	Tutor Time Learning Centers	11-Jul-12	Proprietary device
cc15859	Cypress Wesleyan Church Parking Expansion	12-Jul-12	Dry detention basin
cc15063	Aldi Inc.	12-Jul-12	Proprietary device
cc15315	O'Reilly Auto Parts #5	12-Jul-12	Dry detention basin

**City of Columbus
2012 Post Construction BMP
Inspection Summary**

Plan No	Plan Title/Name	Columbus WQ Inspection Date	WQ BMPs
cc15950	Ohio Mulch	15-Aug-12	Dry detention basin
cc15697	Commons at Livingston	22-Aug-12	Bioretention (4)
cc15425	Guru Nanak Rel. Soc. (/was Gio Consulting, Inc.)	23-Aug-12	Dry detention basin
cc15967	Goo Goo Carwash	30-Aug-12	Dry detention swale
cc15115	The Lakes at Polaris	30-Aug-12	Wet detention basins (2) & Dry detentin basin (1)
cc15892	Microhand Surgery Center	30-Aug-12	Dry detention basin
cc14762	Waggoner Road Retail Center	19-Sep-12	Proprietary devices (2)
cc15291	Central Ohio Transformation Center	19-Sep-12	Dry detention basins (2), Proprietary device, & Dry detention swale
cc14789	Broadstone Condos (was Broad Street Villas)	19-Sep-12	Wet detention basin
cc15210	Franklin County Courthouse	24-Sep-12	Proprietary devices (2)
cc15464	COTA Field Avenue Facility Renovation	25-Sep-12	Proprietary device, Bioretention & Other
cc15677	The Flats on Vine (previously Arena District Dev.)	25-Sep-12	Others (2)
cc15381	Jefferson Avenue Apartments	27-Sep-12	Proprietary device
cc14234	CARR Supply	11-Oct-12	Dry detention swale
cc16020	Aveda Parking Lot Renovation	11-Oct-12	Proprietary device
cc15326	Urban Active-Graceland Shopping Center	15-Oct-12	Dry detention basins (2)
cc15927	Speedway	01-Nov-12	Dry detention basin
cc15082	Fairfield Inn & Suites	05-Nov-12	Dry detention basin
cc15805	Capital Park Family Health Center	06-Nov-12	Bioretention
cc15375	Columbus Police Heliport	06-Dec-12	Wet detention basin

City of Columbus
2012 Operation and Maintenance Facilities

Tier I City Facilities - Sites subject to 40 CFR 122.26(b)(14)	
Facility Location	Ohio EPA Facility Permit No.
Refuse Alum Creek Site 2100 Alum Creek Dr. Columbus, OH 43207	4GR00390*EG
Refuse Georgesville Site 1550 Georgesville Rd. Columbus, OH 43228	4GR00550*EG
Refuse Morse Road Site 4260 Morse Rd. Columbus, OH 43230	4GR00549*EG
McKinley Ave. Site Located adjacent to quarry, south of Trabue, west of McKinley Ave.	February 2007 "Project Approach for the McKinley Avenue Site" submitted to Ohio EPA for approval. Ohio EPA review is pending.
Southerly Wastewater Treatment Plant 6977 S. High St., Lockbourne, OH 43137	4GR00607*DG
Jackson Pike Wastewater Treatment Plant 2104 Jackson Pike, Columbus, OH 43223	4GR00606*DG
Compost Facility 7000 Jackson Pike, Lockbourne, OH 43137	4GR00644*DG
Frank Road Landfill 2104 Jackson Pike, Columbus, OH 43223	This site is a landfill that is in "closed" status with no ongoing operations.
Fisher Road Landfill Southwest corner of I-70 and I- 270,north of Fisher Road Columbus, OH	This site is a landfill that is in "closed" status with no ongoing operations.

City of Columbus
2012 Operation and Maintenance Facilities

Tier II City Facilities	
Sites to develop P2 Practices per MS4 Permit	
Facilities Management 640 West Nationwide Blvd. Columbus, OH 43215	Fire Station 2 and 3 150 East Fulton St. Columbus, OH 43215
Fleet Management Main Maintenance Facility 4211 Groves Road Columbus, OH 43232	Fire Station 4 3030 Winchester Pike Columbus, OH 43232
Big Run Parks Maintenance Zone 4201 Clime Rd. Columbus, OH 43228	Fire Station 5 211 McNaughten Columbus, OH 43213
Big Walnut Parks Maintenance Zone 5000 E Livingston Ave. Columbus, OH 43227	Fire Station 6 5750 Maple Canyon Ave. Columbus, OH 43229
The Creeks/Berliner Parks Maintenance Zone 3491 Watkins Rd. Columbus, OH 43207	Fire Station 7 1425 Indianola Ave. Columbus, OH 43201
Downtown Parks Maintenance Zone 1220 Deckenbach Columbus, OH 43223	Fire Station 8 1240 East Long St. Columbus, OH 43201
Gowdy Parks Maintenance Facility 711 W. 3rd Ave. Columbus, OH 43212	Fire Station 10 1096 West Broad St. Columbus, OH 43222
Linden Parks Maintenance Zone 2071 Parkwood Ave. Columbus, OH 43211	Fire Station 11 2160 West Case Rd. Columbus, OH 43235
Northeast Parks Maintenance Zone 3900 Westerville Rd. Columbus, OH 43224	Fire Station 12 3200 Sullivant Ave. Columbus, OH 43204
Whetstone Parks Maintenance Zone 4015 Olentangy Blvd. Columbus, OH 43214	Station 13 309 Arcadia Ave. Columbus, OH 43202
Municipal Nursery 6993 S. High St. Columbus, OH 43137	Fire Station 14 1514 Parsons Ave. Columbus, OH 43207
Forestry Maintenance/ Building Maintenance 1533 Alum Industrial Dr., West	Fire Station 15 1800 Livingston Ave. Columbus, OH 43205
Forestry Woodchip Operations 2100 Alum Creek Drive Columbus, OH 43207	Fire Station 16 1130 East Weber Rd. Columbus, OH 43211

City of Columbus
2012 Operation and Maintenance Facilities

Tier II City Facilities	
Sites to develop P2 Practices per MS4 Permit	
Airport Golf Course 900 N. Hamilton Rd. Columbus, OH 43219	Fire Station 17 2250 West Broad St. Columbus, OH 43204
Mentel Memorial Golf Course 2055 Norton Road Galloway, OH 43119	Fire Station 18 1628 Cleveland Ave. Columbus, OH 43211
Champions Golf Course 3900 Westerville Road Columbus, OH 43224	Fire Station 19 3601 North High St. Columbus, OH 43214
Raymond Memorial Golf Course 3860 Trabue Road Columbus, OH 43228	Fire Station 20 2646 East Fifth Ave. Columbus, OH 43219
Turnberry Golf Course 7789 Tussing Road Columbus, OH 43068	Fire Station 21 3294 East Main St. Columbus, OH 43213
Walnut Hill Golf Course 6001 E. Livingston Ave. Columbus, OH 43227	Fire Station 22 3069 Parsons Ave. Columbus, OH 43207
Transportation Main Yard 1850 E 25th Ave. Columbus, OH 43219	Fire Station 23 4451 East Livingston Ave. Columbus, OH 43227
Traffic Engineering Facility 1820 E. 17th. Ave. Columbus, OH 43219	Fire Station 24 1585 Morse Rd. Columbus, OH 43229
Transportation Central Outpost 650 Nationwide Blvd. Columbus, OH 43215	Fire Station 25 739 West Third Ave. Columbus, OH 43212
Transportation Marion Road Outpost 2260 Lockbourne Rd. Columbus, OH 43207	Fire Station 26 5333 Fisher Rd. Columbus, OH 43228
Transportation Roberts Road Outpost 4380 Currency Dr. Columbus, OH 43228	Fire Station 27 7560 Smoky Row Rd. Columbus, OH 43065
Transportation North Outpost 500 Scherers Court Columbus, OH 43085	Fire Station 28 3240 McCutcheon Rd. Columbus, OH 43219
Sewer Maintenance Operations Center 1250 Fairwood Avenue Columbus OH 43206	Fire Station 29 5151 Little Turtle Way Columbus, OH 43082
Grit Pad Facility 1388 Emig Road Columbus, Ohio 43223	Fire Station 30 3555 Fishinger Rd. Columbus, OH 43206

City of Columbus
2012 Operation and Maintenance Facilities

Tier II City Facilities	
Sites to develop P2 Practices per MS4 Permit	
Facilities @ 910 Dublin Road 910 Dublin Road Columbus, OH 43215	Fire Station 31 5105 Alkire Rd. Columbus, OH 43228
Dublin Road Water Treatment Plant 940 Dublin Road Cols., OH 43215	Fire Station 32 3679 Gender Rd. Columbus, OH 43110
Hap Cremean Water Treatment Plant 4250 Morse Road Columbus., OH 43230	Fire Station 33 440 Lazelle Rd. Columbus, OH 43081
Parsons Avenue Water Treatment Plant 5600 Parsons Avenue Lockbourne, OH 43137	Fire Station 34 5210 Wilcox Rd. Columbus, OH 43016
Division of Power and Water 3500 Indianola Avenue Columbus, OH 43214	Fire Training 3639 Parson Ave. Columbus, OH 43207
Division of Power and Water 3568 Indianola Avenue Columbus, OH 43214	Police Helipad 2130 West Broad St. Columbus, OH 43223
Watershed Management Hoover Reservoir 7600 Sunbury Road, Westerville, OH 43081	Police Mounted Unit 2609 McKinley Ave. Columbus, OH 43204
Watershed Management Griggs Reservoir 3155 Riverside Drive Columbus, OH 43221	Police Firing Range 2609 McKinley Ave. Columbus, OH 43204
Watershed Management Bellpointe Facility 4544 State Route 257 South Ostrander, Ohio 43061	Police Impound Lot 2700 Impound Lot Road Columbus, OH 43207
Fire Station 1 and 9 300 North Fourth St. Columbus, OH 43215	

**City of Columbus
Street Sweeper Inventory
December 31, 2012**

Brass Tag	Make	Model	Type
23520	Elgin Eagle (PM-10)	4-Wheel sweeper	Mechanical
23521	Elgin Eagle (PM-10)	4-Wheel sweeper	Mechanical
24367	Elgin Pelican	3-Wheel Sweeper	Mechanical
24368	Elgin Pelican	3-Wheel Sweeper	Mechanical
24369	Elgin Pelican	3-Wheel Sweeper	Mechanical
24606	Elgin Pelican	3-Wheel Sweeper	Mechanical
24607	Elgin Pelican	3-Wheel Sweeper	Mechanical
24608	Elgin Pelican	3-Wheel Sweeper	Mechanical
24609	Elgin Pelican	3-Wheel Sweeper	Mechanical
24642	Elgin Pelican	3-Wheel Sweeper	Mechanical
24643	Elgin Pelican	3-Wheel Sweeper	Mechanical
24650	Elgin Pelican	3-Wheel Sweeper	Mechanical
24654	Elgin Pelican	3-Wheel Sweeper	Mechanical
24655	Elgin Pelican	3-Wheel Sweeper	Mechanical
24806	Elgin Eagle	4-Wheel sweeper	Mechanical
24623	Elgin Eagle	4-Wheel sweeper	Mechanical
24649	Elgin Eagle	4-Wheel sweeper	Mechanical
24667	Elgin Eagle	4-Wheel sweeper	Mechanical
24706	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24707	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24708	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24709	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24710	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24711	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24712	Challenger (PM-10)	4-Wheel sweeper	Mechanical
24713	Challenger (PM-10)	4-Wheel sweeper	Mechanical

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
1 Drive-Line	1369 Frank Rd	Columbus	
A & E Metal Cutting Service	3900 Fisher Rd Suite D2	Columbus	
A D L Technology	2727 Scioto Parkway	Columbus	
Abbott Laboratories-Pump Service Center	1033 Kingsmill Pkwy	Columbus	
ABECO Materials	611 Marion Rd	Columbus	
ABF Freight System Inc	1720 Joyce Ave	Columbus	
ABITEC Corporation	501 W First Ave	Columbus	
Able Industries Inc	870 N 20th St	Columbus	
Able Pallet Manufacturing & Repair	1271 Harmon Ave	Columbus	
Able Printing Co	1325 Holly Ave	Columbus	
Accurate Manufacturing Co Inc	1940 Lone Eagle St	Columbus	
Accuscan Instruments Inc	5098 Trabue Rd	Columbus	
Acme Taxi	115 E Fifth Ave	Columbus	
Acrodyne Mfg Co	41 Kingston Ave	Columbus	
Action Group Inc	411 Reynoldsburg New Albany Rd N	Columbus	
Action Printing & Signs / Raile Printing Services Co dba	2731 E Fifth Ave	Columbus	
A-Display Service Corp	541 Dana Ave	Columbus	
Advance Printing & Graphics	1349 Delashmut Ave	Columbus	
Advance Sign Group Inc	834 W 3rd Ave	Columbus	
Advanced Fuel Systems Inc	841 Alton Ave Ste B	Columbus	
AFP	2200 International St	Columbus	
AHMF Inc	2245 Wilson Rd	Columbus	
AIN Plastics	1360 Boltonfield St	Columbus	
Ajax Industries Inc	575 N Hague Ave	Columbus	
All A Cart Manufacturing Inc	1450 Universal Rd	Columbus	
All City Auto Wrecking Inc	1441 Joyce Ave	Columbus	
All Foreign Used Auto Parts Inc	500 N WILSON RD	Columbus	
All Pack Incorporated	1709 Dividend Dr	Columbus	
All Star Sign Co	112 S Glenwood Ave	Columbus	
Allen Press Printers Inc	492 E Mound St	Columbus	
Alliance Data Systems Corp	6939 Americana Parkway Dr	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Allied Custom Molded Products	1240 Essex Ave	Columbus	
Allied Fabricating & Welding	5699 Chantry Dr	Columbus	
Allied Sign Co	818 Marion Rd	Columbus	
All-State Industries Inc	3890 Twin Creeks Dr	Columbus	
ALO Ohio	623 E 11th Ave	Columbus	
Alro Steel Corp	555 Hilliard Rome Rd	Columbus	
Amcol International Corp	2211 Parsons Ave	Columbus	
American Asset Recovery LLC	672 Harrison Dr	Columbus	
American Colorscans Inc	5178 Sinclair Rd Ste A	Columbus	
American Corrugated Products	4700 Alkire Rd	Columbus	
American Glass Services LLC	921 N 22nd St	Columbus	
American Isostatic Presses Inc	1205 S Columbus Airport Rd	Columbus	
American Kenda Rubber Industrial Co	7095 Americana Parkway Dr	Columbus	
American LedGible Inc	1776 Lone Eagle St	Columbus	
American Limousine Service	1251 Alum Creek Dr	Columbus	
American Orthopedics Inc	1151 W 5th Ave	Columbus	
Amerisource Health SVC	2550 John Glenn Ave #A	Columbus	
Amtekco Industries Inc	1205 Refugee Rd	Columbus	
Anateca/Polycel LLC	1633 Woodland Ave	Columbus	
Anderson Aluminum Corp	2816 Morse Rd	Columbus	
Anderson-Clark Inc	2700 McKinley Ave	Columbus	
Andrews Moving And Storage	2500 Charter St	Columbus	
Anthony Thomas Candy Co Inc	1777 Arlingate Ln	Columbus	P11/7/2012
Aqua Science Inc	1601 Woodland Ave	Columbus	
Arch Deco Glass	2395 Setterlin Dr	Columbus	
Arch Express Transportation	1637 E Livingston Ave	Columbus	
Arrow Concrete Co	816 McKinley Ave	Columbus	
Arrow Concrete Co	3551 E Fifth Ave	Columbus	
Art Brands LLC	225 Business Center Dr	Columbus	
Assembly Machining & Wire Pots	2375 Refugee Park	Columbus	
Atco Printing Co	1184 W Broad St	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Atlapac Corp	2901 E 4th Ave	Columbus	
Atlas Blueprint & Supply Co Inc	374 W Spring St	Columbus	
Auddin's Italian Bakery Inc	1490 Clara Ave	Columbus	
Auld Company, The	180 Outerbelt St	Columbus	
Auld Company, The	137 Outerbelt St	Columbus	
Avidyne Safety Systems Group	4800 Evanswood Dr	Columbus	
B & G Tool Co	4832 Kenny Rd	Columbus	
Baise Quality Printing	695 Koebel Ave Frnt	Columbus	
Ball Corp	2690 Charter St	Columbus	
Banner Stamping Co	1308 Holly Ave	Columbus	
Bartha	600 N Cassady Ave	Columbus	
Bartley, Offie	3760 E 5th Ave	Columbus	
BB Bradley Co Inc	2699 Scioto Pkwy	Columbus	
BB Plastics Recycling	1360 Norton Road	Columbus	
Beaumont Metal Works, Inc	1473 Showcase Drive	Columbus	
Beck & Orr Inc	3097 W Broad St	Columbus	
Beckenhorst Press Inc	960 Old Henderson Rd	Columbus	
Benchmark Architectural Systems	700 Marion Rd	Columbus	
Berger Transfer & Storage Inc	1111 Milepost Dr	Columbus	
Best Supply Inc	1885 OBrien Rd	Columbus	
Bexley Pen Co Inc	2840 Fisher Rd # B	Columbus	
BH Thermal Corp	1055 Gibbard Ave	Columbus	
Bioflex Inc	3055 Templeton Rd	Columbus	
Blacco Splicing & Rigging Loft	1976 Alum Creek Dr	Columbus	
Blackburn's Fabrication Inc	2467 Jackson Pike	Columbus	
Blade Manufacturing Co, The	909 W Third Ave	Columbus	
BlockAmerica Corp	750 Kaderly	Columbus	
Blue Chip Manufacturing & Sls	3155 Lamb Ave	Columbus	
Blue Line Distributing	2250 Spiegel Dr Suite P	Columbus	
Bo Mic Enterprises Inc	715 Marion Rd	Columbus	
BOC Gases	1699 Feddern Ave	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Boehm Inc	2050 Hardy Parkway St	Columbus	
Boehm Machine Co Inc	1297 N Memory Ln	Columbus	
Boggs & Associates Inc	3555 E Fulton St	Columbus	
Bolt N Lock Mini Storage	1162 Norton Rd	Columbus	
Bonded Chemicals Inc	2645 Charter St	Columbus	
Bowman Industries Inc	857 King Ave	Columbus	
Brunk Transportation	2001 Circle Dr	Columbus	
Brunk Transportation Inc	4692 Kenny Rd	Columbus	
Buckeye Auto Parts of Columbus Inc	2474 McKinley Ave	Columbus	
Buckeye Boxes Inc	601 N Hague Ave	Columbus	
Buckeye Boxes Warehouse	665 N Hague Ave	Columbus	
Buckeye Metal Works Inc	3240 Petzinger Rd	Columbus	
Buckeye Recycling Center	3483 Fulton St	Columbus	
Budget Storage	3376 Refugee Rd	Columbus	
Builders Trash Service	1575 Harmon Ave	Columbus	
Bus Services Inc	3153 Lamb Ave	Columbus	
C & R Inc	2550 Creekway Dr	Columbus	
Cabbage Cases Inc	1166 Steelwood Rd #C	Columbus	
Cabot Industries	1727 Georgesville Rd	Columbus	
Campus Printing	2415 N High St	Columbus	
Cap & Associates Inc	445 McCormick Blvd	Columbus	
Capital Awards Inc	5211 N High St	Columbus	
Capital Brass Foundry LLC	91 Kingston Ave	Columbus	
Capital City Reload	1089 Joyce Ave	Columbus	
Capital Die Tool Machine	1055 Dearborn Dr	Columbus	
Capitol IndustriesInc	900 N 20th Street	Columbus	
Car Go Self Storage	3613 Refugee Rd	Columbus	
Car Go Self Storage	3935 Westerville Rd	Columbus	
Car Go Self Storage	490 N Hamilton Rd	Columbus	
Cardinal Container Corp	3700 Lockbourne Rd	Columbus	
Cardinal Imaging Inc	3511 Johnny Appleseed Ct	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Cardinal Transportation Ltd	2845 Fisher Rd	Columbus	
Carolyn Chemical Company	1601 Woodland Ave	Columbus	
Carpet Arts Unlimited	2062 Integrity Dr S	Columbus	
Casino Self Storage	3300 W Broad St	Columbus	
Casino Self Storage	480 Exchange Dr	Columbus	
Cast Stone Co Inc	45 W Barthman Ave	Columbus	
C-B Beverage Corp	760 Harmon Ave	Columbus	
Cello-Poly	4041 Roberts Rd	Columbus	
Central Ohio Contractors Inc	900 Frank Rd	Columbus	
Central Ohio Contractors Inc	2879 Jackson Pike	Columbus	
Central Ohio Graphics Inc	1020 W 5th Ave	Columbus	
Central Ready Mix of Ohio LLC	4252 Truro Station Rd	Columbus	
Central Ready Mix of Ohio LLC	569 N Wilson Rd	Columbus	
Certified Oil Inc	949 King Ave	Columbus	
CEVA LOGISTICS	2727 London Groveport Rd	Columbus	
Charisma Products Inc	726 E Lincoln Ave	Columbus	
Chester A Smith Inc	1330 Norton Ave	Columbus	
Cincinnati Container Co Inc	6736 Commerce Court Dr	Columbus	
Cintas Document Management	2500 Charter St	Columbus	
Cintas Document Management	2612 Walcutt Rd	Columbus	
Clark Graphics, Inc.	1550 N Wilson Rd	Columbus	
Clinical Specialties Inc	6361 Nicholas Dr	Columbus	
CM Media Inc	5253 Sinclair Rd	Columbus	
Coca-Cola Co	2455 Watkins Rd	Columbus	P11/7/2012
Columbus Auto Recycling	860 Marion Road	Columbus	
Columbus Auto Shredding	2181 Alum Creek Dr	Columbus	
Columbus Bituminous	370 Morrison Rd	Columbus	
Columbus Brewing Company	525 Short St	Columbus	
Columbus Bride	5255 Sinclair Rd	Columbus	
Columbus Col-Weld Corp	1515 Harrisburg Pike	Columbus	
Columbus Controls, Inc.	3573 Johnny Appleseed Ct	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Columbus Envelope Co Inc	3303 E 11th Ave	Columbus	
Columbus Gasket Co Inc	1875 Lone Eagle St	Columbus	
Columbus Glass Block	3091 E 14th Ave	Columbus	
Columbus Green Cabs	1989 Camaro Ave	Columbus	
Columbus Machine Works LLC	2491 Fairwood Ave Ste 200	Columbus	
Columbus Marble Products Inc	808 Rhoads Ave	Columbus	
Columbus Micro System Inc	5087 Westerville Rd	Columbus	
Columbus OH Limo Service	2999 Switzer Ave	Columbus	
Columbus Ohio Limousine Services	454 Wheatland Ave	Columbus	
Columbus Oil Co	1812 McKinley Ave	Columbus	
Columbus Pallet Recycling	611 Marion Rd	Columbus	
Columbus Paperbox Co Inc	595 Van Buren Dr	Columbus	
Columbus Sign Co	1515 E 5th Ave	Columbus	
Columbus Stone Center	1736 McKinley Ave	Columbus	
Columbus Technical Services	5763 Westbourne Dr	Columbus	
Columbus Tops & Case Goods	3022 E 14th Ave	Columbus	
Columbus Transportation and Tours	2999 Switzer Ave	Columbus	
Columbus Truck Equipment Company	1688 E Fifth Ave	Columbus	
Columbus Wood Products LLC	1800 E 5th Ave	Columbus	
Colvin Gravel Co Inc	2290 McKinley Ave	Columbus	
Commercial Movers Inc	1299 Boltonfield St	Columbus	
Community Bus Service	1160 Alum Creek Dr	Columbus	
Complete Resources	Truro Station Rd	Columbus	
Concept 9 Inc	1604 Clara Ave	Columbus	
Conn's Potato Chip Co Inc	1271 Alum Creek Dr	Columbus	
Containerport Group Inc	2400 Creekway Dr	Columbus	
Corporate Cutting Dies LLC	1919 S 6th St	Columbus	
Cox Brothers Inc	1467 Weldon Ave	Columbus	
Cozmyk Enterprises, Inc.	3757 Courtright Ct	Columbus	
Cranell Inc	8999 Gemini Pkwy	Columbus	
Croswell VIP Motorcoach Services	1640 E Fifth Ave	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Cumberlander Rubbish Removal	1972 S Champion Ave	Columbus	
CycleMet Inc Recycling Center	2405 Harrison Rd	Columbus	
D P Miller Trucking Inc	1330 McKinley Ave	Columbus	
Daifuku America Corp	6700 Tussing Rd	Columbus	
Dale W Beavers Epal	2651 Johnstown Rd	Columbus	
D'AMICO Petroleum Inc	380 Exchange Dr	Columbus	
Daniel Logistics	426 McCormick Blvd	Columbus	
Danlor Inc	2155 Dublin Rd	Columbus	
DC	2525 Rohr Rd Suite A	Columbus	
Dean Engraving Co	1876 S 4th St	Columbus	
Decorative & Coating Systems	1400 Ohlen Ave	Columbus	
Dee Printing Inc	4999 Transamerica Dr	Columbus	
Defabco Inc	3765 E Livingston Ave	Columbus	
Dell Fixtures Inc	321 Dering Ave	Columbus	
Desired Effect Contemporary Furniture	1846 Federal Parkway	Columbus	
DHL Airborne Logistics Services	2400 Spiegel Dr	Columbus	
DHL Express	2250 International St	Columbus	
DHL Global Forwarding	2144 John Glenn Ave Suite A	Columbus	
Diamond Logistics Inc	745 N Wilson Rd	Columbus	
Dick Medical Supply	630 Marion Rd	Columbus	
Distinctive Surfaces, Inc.	5158 Sinclair Rd	Columbus	
DMI Metals Inc	1465 E 17th Ave	Columbus	
Dura-Belt, Inc.	3119 Scioto Darby Executive Ct	Columbus	
Dura-Belt, Inc.	2909 Scioto Darby Executive Ct	Columbus	
Dynamex Operations East Inc	2475 Scioto Harper Dr	Columbus	
E Taylor Transportation Svcs	4274 Groves Rd	Columbus	
Edwards Steel	1777 McKinley Ave	Columbus	P7/2/2012
EE Ward Moving	1975 Galaxie St	Columbus	
EEI Computer Services	1249 Essex Ave	Columbus	
EFCO Corp	3900 Zane Trace Dr	Columbus	
Electronic Security Services	3573 Refugee Rd	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Emax Inc	2701 Indianola Ave	Columbus	
Engineered Marble Inc	4064 Fisher Rd	Columbus	
Englefield & Associates Inc	6344 Nicholas Dr	Columbus	
Etc Cornerstone Express Ptg	6107 McNaughten Ctr	Columbus	
Evans Adhesive Corp Ltd	925 Old Henderson Rd	Columbus	P8/29/2012
Evdon Corp DBA Wasem Packaging	2591 Harrison Rd	Columbus	
EXCEL	4200 Westward Ave	Columbus	
Excel Direct Inc	1621 Georgesville Rd	Columbus	
Ex-Cel Manufacturing	1819 Walcutt Rd	Columbus	
Excelsior Printing Co	2000 Parsons Ave	Columbus	
Exel Inc	2700/4700 Securities St	Columbus	
Exhibitpro Inc	9075 Antares Ave	Columbus	
Extended Resources LLC	4670 Groves Rd	Columbus	
Farber Specialty Vehicles, Inc.	7052 Americana Parkway Dr	Columbus	
Fastsigns	1744 Rome Hilliard Rd	Columbus	
Fastsigns	205 E Broad St	Columbus	
FEDEX EXPRESS-CMHA	2850 International St	Columbus	
FedEx Kinkos	4516 Kenny Rd	Columbus	
FedEx Kinkos	8733 Sancus Blvd	Columbus	
FedEx Kinkos	5800 Frantz Rd	Columbus	
FedEx Kinko's Office & Print Center	2668 Brice Rd	Columbus	
Fellers Inc	3777 Business Park Dr Ste D	Columbus	
Fetters & Son Sign Co	1593 Shawnee Ave	Columbus	
Fifth Ave Fret Shop LLC	1597 W 5th Ave	Columbus	
Figures Packaging Co	3585 E Fulton St	Columbus	
First Transit Inc	1333 Fields Ave	Columbus	
Flag Lady's Flag Store, The	4567 N High St	Columbus	
Fortin Welding & Mfg Inc	1132 W Third Ave	Columbus	
Fortin Welding & Mfg Inc.	944 W Fifth Ave	Columbus	
Four O Corporation	2181 Hardy Parkway St	Columbus	
Fournier Rubber & Supply Co.	1341 Norton Ave	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Fred D Pfening Co The	1075 W 5th Ave	Columbus	
Fred D Pfening Co The	1372 Oxley Rd	Columbus	
FST Logistics	5400 Renner Rd	Columbus	
Fst Logistics Inc	700 Harrison Dr	Columbus	
FUNAI Service Corporation	2200 Spiegel Dr	Columbus	
G2 Print Plus	3787 Interchange Rd	Columbus	
GC Pallet	185 N Yale Ave	Columbus	
Generals Books Blue & Gray Magazine	522 Norton Rd	Columbus	
Georgia-Pacific Chemicals LLC	1975 Watkins Rd	Columbus	P8/9/2012
GL Transportation	2150 Cloverleaf St	Columbus	
Glass Axis	1341 Nortan Ave #B	Columbus	
Global Recycling Inc	1465 E 17th Ave	Columbus	
Goodale Auto-Truck Parts Co	1100 E 5th Ave	Columbus	
Graffiti Foods	333 Outerbelt St	Columbus	
Grandon Mfg Co Inc	530 Dow Ave	Columbus	
Green Line Trucking Inc	1050 E Fifth Ave	Columbus	
Guardtower Inc	3600 Trabue Rd	Columbus	
H & E Machine Co	1646 Fairwood Ave	Columbus	
H & L Industries Inc	2500 Creekway Dr	Columbus	
Hagglunds Drives, Inc.	2275 International St	Columbus	
Hallmark Graphics Inc	3559 E Fulton St	Columbus	
Halloms Salvage	1701 Harrisburg Pike	Columbus	
Hamilton Parker Ltd	1865 Leonard Ave	Columbus	
Hanover Signs Inc	1771 Progress Ave	Columbus	
Harper Engraving & Printing Co	2626 Fisher Rd	Columbus	
Harrop Industries, Inc.	3470 E 5th Ave	Columbus	
Hartig Industries Inc	682 E Lincoln Ave	Columbus	
Hathaway & Ferguson Inc	873 Mount Vernon Ave	Columbus	
Hazelbaker Industries Ltd	1355 McKinley Ave	Columbus	
Heartland Express Inc	1800 Lone Eagle St	Columbus	
Heidelberg Distribution	3801 Parkwest Dr	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Hem Auto Parts Inc	1559 McKinley Ave	Columbus	
Hi-Lite Plastic Products	3760 E 5th Ave	Columbus	
Hilltop Transportation Inc	805 Cleveland Ave	Columbus	
Hite Parts Exchange Inc	2235 McKinley Ave	Columbus	
Hittle House	774 Internet Dr	Columbus	
Home Moving Storage Co	2066 Integrity Drive N	Columbus	
Howard Industries Inc	1840 Progress Ave	Columbus	
Hudson Meat Co.	2320 S 7th St	Columbus	
Hydron Inc	2550 W 5th Ave	Columbus	
Hytec Automotive	4419 Equity Dr	Columbus	
I A B F Inc	1890 McKinley Ave	Columbus	
I H Schlezinger Inc	2040 S Parsons Ave	Columbus	
Identification Systems Inc	1396 King Ave	Columbus	
IFCO Systems	1399 Stimmel Rd	Columbus	
iLevel by Weyerhaeuser Co	6460 Busch Blvd Ste 200	Columbus	
Image Print Inc	6417 Busch Blvd	Columbus	
Imagineering of Ohio Inc	723 Taylor Ave	Columbus	
Industrial Pattern & Mfg Co	899 N 20th St	Columbus	
Industrial Solutions Inc	9120 Antares Ave	Columbus	
Interior Dunnage Specialties	470 E Starr Ave	Columbus	
Interline Brands Inc / Wilmar	2375 International St	Columbus	
Interstate Cold Storage II	2400 Setterlin Dr	Columbus	
Interstate Cold Storage Inc	4350 Roberts Rd	Columbus	
Iron Mountain	5057 Freeway Dr E	Columbus	
Isco Inc / Amerine Development Company LLC	6360 Fiesta Dr	Columbus	
ISP Chemicals Inc	1979 Atlas St	Columbus	P9/26/2012
J & R Schugel Trucking Inc	440 Exchange Dr	Columbus	
J E Johnson Pallett Inc	1465 E 17th Ave	Columbus	
J W Groves & Sons Inc	1812 McKinley Ave	Columbus	
JAG Graphics Ltd	2727 Harrison Rd	Columbus	
James A Eastwood / Machine Arts Company	663 Harmon Plaza	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Jax Wax Inc	3150 Lamb Ave	Columbus	
Jet Container Co	2050 S High St	Columbus	
Jim Cruse Neon Signs	3057 E 5th Ave	Columbus	
Jit Co Inc	2180 Venus Dr	Columbus	
Jones Lumber & Millwork Co.	57 N Sylvan Ave	Columbus	
Jta Graphic Paper Services Inc	725 Harrison Dr	Columbus	
Kaffenbarger Truck Equipment Co.	2310 Refugee Rd	Columbus	
Keffs Inc	2117 S High St	Columbus	
Keystone Freight	2545 Parsons Ave	Columbus	
KGR Auto Salvage	2020 Refugee Road	Columbus	
Kickplate Company	2199 Lockbourne Rd	Columbus	
Kingswood Manufacturing Co	3065 Switzer Ave	Columbus	
Kroger Company	1500 Commodity Blvd	Columbus	
Kroger Pharmacy Department	2250 Spiegel Dr Suite M	Columbus	
Kurtz Bros Central Ohio LLC	3540 Jackson Pike	Columbus	
Kurtz Bros Central Ohio LLC	6440 S High St	Columbus	
Kyron Tool & Machine Co Inc	494 Dow Ave	Columbus	
L H Marshall Co	270 W Lane Ave	Columbus	
Lafarge North America Inc	1801 Watkins Rd	Columbus	
Lambert Sheet Metal Inc	3776 E Fifth Ave	Columbus	
Laminating Co Inc	363 W Nationwide Blvd	Columbus	
Lamit Industries Inc	710 Marion Rd	Columbus	
Landon Vault Co	1477 Frebis Ave	Columbus	
Lang Stone	4099 E Fifth Ave	Columbus	
Lang Stone Co Inc	707 Short St	Columbus	
Lavoz Hispania Newspaper	3552 Sullivant Ave	Columbus	
Lear Furukawa	2181 International St	Columbus	
Lehner Signs Inc	2983 Switzer Ave	Columbus	
Lewis & Michael Moving	845 Harrisburg Pike	Columbus	
Limbach Company LLC	822 Cleveland Ave	Columbus	
Linde Gas LLC	450 Greenlawn Ave	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
LKQ Triplett Auto Recyclers Inc	6740 Commerce Court Dr	Columbus	
Local Waste Services LLC	1300 S Columbus Airport Rd	Columbus	
Local Wholesale LLC	1305 S Columbus Airport	Columbus	
Lock It Storage	371 Maier Pl	Columbus	
Lucent Technologies	6200 E Broad St	Columbus	
M & M Door Co	1009 McKinley Ave Ste B	Columbus	
M.R.S. Industrial, Inc.	2583 Harrison Rd	Columbus	
Machine Tool Rebuilders Inc	560 W Nationwide Blvd # 38	Columbus	
Market Day Corp	3080 Valleyview Dr	Columbus	
Mason & Dixon Lines Inc	2950 International St	Columbus	
Mayo's Printing & Office Sply	1496 Mount Vernon Ave	Columbus	
MBM Inc	4300 Diplomacy Dr	Columbus	
Mc Glaughlin Oil Co	3750 E Livingston Ave	Columbus	
Mc Glennon Metal Products Inc	940 N 20TH St	Columbus	
McNeil Group Inc	1701 Woodland Ave	Columbus	
Med Flight Ohio	2827 W Dublin Granville Rd	Columbus	
Mercury Machine & MFG Co	644 Stelzer Rd	Columbus	
Metal Services Worldwide Inc	5320 Krieger Ct	Columbus	
Metro Auto	1555 Joyce Ave	Columbus	
Mettler-Toledo International	1900 Polaris Pkwy	Columbus	
Michael's Finer Meats/Seafoods	3775 Zane Trace Dr	Columbus	
Mid Ohio Golfer Association	5255 Sinclair Rd	Columbus	
Middleport Terminal (Shelly)	500 Corr Rd	Columbus	
Midwest Closets Inc	948 Freeway Dr N Bldg 10	Columbus	
Midwest Fender	2040 S Hamilton Rd	Columbus	
Midwest Graphics Inc	771 Dearborn Park Ln Ste D	Columbus	
Mill Tech LLC	364 Centab Dr	Columbus	
Millwood Inc	1886 Williams Rd	Columbus	
Mini Storage Depot	9984 S Old State Rd	Columbus	
Mini Storage Depot	7200 Tussing Rd	Columbus	
Mini Storage Depot	5301 Tamarack Circle East	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Mini Storage Depot	1330 Georgesville Rd	Columbus	
Mobil Shop Co L L C	5089 Westerville Rd	Columbus	
Mobile Mini Inc	871 Buckeye Park Rd	Columbus	
Modlich Stoneworks	2255 Harper Rd	Columbus	
Mohawk Industries Inc	6450 LaSalle Dr	Columbus	
Mok Industries LLC	4449 Easton Way	Columbus	
Morcast Precision Inc	1615 Woodland Ave	Columbus	
Morning Star Self Storage	3391 S High St	Columbus	
Morningstar Mini Storage	3344 Morse Rd	Columbus	
MS Energy of Central Ohio Inc	922 Freeway Dr N	Columbus	
Mustang's Monte Carlo's & More Specializing Inc	900 Frank Rd	Columbus	
Nandos Complete Auto Care	445 Commerce Square	Columbus	
National Freight Industries	200 McCormick Blvd	Columbus	
NEMF-New England Motor Freight- Excellance in Motion	1700 Georgesville Rd	Columbus	
NGL Warehouse	1500 Commodity Blvd	Columbus	
North Coast Logistics Inc	1033 Brentnell Ave	Columbus	
North Shore Stone Inc	915 Manor Park Dr	Columbus	
Northway Transportation Inc / Safe Lift Transportation	1400 Grogan Ave	Columbus	
O F A Svcs Inc	2130 Stella Ct	Columbus	
Oberfields LLC	1165 ALUM CREEK DR (& 1281)	Columbus	
ODW Logistics Inc	1580 Williams Rd	Columbus	
Ohio Drop Off	1600 Universal Dr	Columbus	
Ohio Drop Off	4665 Westerville Rd	Columbus	
Ohio Drop Off	4120 Roberts Rd	Columbus	
Ohio Drop Off	5380 Riverside Dr	Columbus	
Ohio Electric Motor Service, LLC	1854 S High St	Columbus	
Ohio Fabrication & Welding	1465 Clara Ave	Columbus	
Ohio Foam Corp	1511 Alum Creek Dr	Columbus	
Ohio Globe Tech LLC	817 Phillipi Rd	Columbus	
Ohio Grinding & Machine Co	1282 Edgehill Rd	Columbus	
Ohio Label Inc	5005 Transamerica Dr	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Ohio State University is on site	2001 Polaris Pkwy	Columbus	
Ohio Wire Form & Spring Co	2270 S High St	Columbus	
Olen Corp., The	4755 S High St	Columbus	
Optical Distribution Corp	814 W 3rd Ave	Columbus	
Owl Creek Contracting Inc	4755 S High St	Columbus	
P S Plastics Inc	2020 Britains Ln	Columbus	
PAIGE ELECTRIC	2525 Rohr Rd Suite P	Columbus	
Pain Enterprises Inc	4110 Lockbourne Rd	Columbus	
Panacea Products	2999 Silver Dr	Columbus	
Parker Hannifin Corp	3885 Gateway Blvd	Columbus	
Parsons Auto Parts Inc	2250 Parsons Ave	Columbus	
Patio Room Factory	1900 Federal Parkway	Columbus	
Patrick Manufacturing	5474 W Byers Circle	Columbus	
Pearson Education Inc	445 Hutchinson Ave Fl 4	Columbus	
Pennsylvania Lines LLC	N/W/O 1049 Joyce Ave	Columbus	
Petsmart Distribution Center	6499 Adelaide Ct	Columbus	
Phoenix Recycling, Inc.	659 Marion Rd	Columbus	
Pick-n-Pull Auto Dismantlers	2716 Groveport Rd	Columbus	
Pjax Inc	5075 Krieger Ct	Columbus	
Planes Moving & Storage	2131 Dividend Dr	Columbus	
Planes Moving & Storage Co of	2000 Dividend Dr	Columbus	
Plaskolite Inc	1770 Joyce Ave	Columbus	
Ply-Board Fabricators Co Inc	1284 Edgehill Rd	Columbus	
Ppafco Inc	1096 Ridge St	Columbus	
Precision Polymers Inc	6219 Americana Parkway Dr	Columbus	
Premier Office Movers LLC	2725 Westbelt Dr	Columbus	
Presidential Coach	2495 Harrison Rd	Columbus	
Prestige Corporate Car	896 King Ave	Columbus	
Prime Equipment Group Inc	2000 E FULTON ST	Columbus	
Printpro Inc	760 Busch Ct	Columbus	
Prism Prints Inc	1540 Clara Ave	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Pro Printing Inc	3779 Sullivant Ave	Columbus	
Professional Truck Washing Services	4255 Roberts Rd	Columbus	
PSC Container Services	1291 W Mound St	Columbus	
Q3 Stamped Metal	777 Manor Park Dr	Columbus	
Quality Bakery Frozen Warehouse (T Marzetti Co)	6660 Broughton Ave	Columbus	
Quality Service Products Inc	528 E Hudson St	Columbus	
Quickprint Center	1399 Grandview Ave	Columbus	
R & P Printing Inc	1090 Parsons Ave	Columbus	
R J M Stamping Co	1641 Universal Rd	Columbus	
Refuel Environmental Services LLC (DBA Refuel Inc)	4280 Groves Rd	Columbus	
Rex Automation Inc	959 Schrock Rd	Columbus	
Richardson Printing, Inc.	6161 Busch Blvd, Ste 318	Columbus	
Robert Eagle Candies	4590 N High St	Columbus	
Robins Interstate Carriers	1879 Federal Parkway	Columbus	
Roof to Road	900 Frank Rd	Columbus	
Rosati Windows	4200 Roberts Rd	Columbus	
Rose Products & Service Inc	545 Stimmel Rd	Columbus	
Round Hill Furniture of Ohio	5357 Crosswind Drive	Columbus	
Royal Paper Stock Co Inc	1300 Norton Rd	Columbus	
RPD Device Operations	6550 Singletree Dr	Columbus	
Ruby Chemical Co	1601 Woodland Ave	Columbus	
Rural Metro of Central Ohio	280 Fletcher St	Columbus	
Rutland Plastic Technologies	777 Dearborn Park Ln Ste B	Columbus	
Ryerson Inc	555 N Yearling Rd	Columbus	
Salem Manufacturing & Sales	2856 Banwick Rd	Columbus	
Sanese Services Attn:Mike Bone	6465 Busch Blvd	Columbus	
Scarefactory Inc	2905 E 4TH Ave	Columbus	
Scholz & Ey Engravers Inc	1558 Parsons Ave	Columbus	
Schottenstein Stores Corp. (HQ)	1800 Moler Rd	Columbus	
Scioto Ready Mix	245 Morrison Rd	Columbus	
Screen Printing Show House Inc	853 N Nelson Rd	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Sears #911RRC	3685 Alum Creek Dr	Columbus	
Sears Logistics Unit 88420	4100 Lockbourne Industrial PKW	Columbus	
Sears Roebuck & Co #88781	5330 Crosswind Dr	Columbus	
Select Seating Group	862 E Jenkins Ave	Columbus	
Sensotec LLC	1212 Chesapeake Ave	Columbus	
Sentek Corp	1160B Alum Creek Dr	Columbus	
Shasta Beverages Inc	3699 Alum Creek Dr	Columbus	
Siam Reclaim Technologies, Inc	3960 Groves Rd Unit B	Columbus	
Sibo, Inc.	1850 Federal Parkway	Columbus	
Signage Consultants Inc	870 E 5th Ave	Columbus	
Signs USA	3220 Valleyview Dr	Columbus	
Simply Self Storage	810 E Cooke Rd	Columbus	
Simply Storage	3171 S High St	Columbus	
Sims Recycling LLC	697 James Rd N	Columbus	
Skeels Manufacturing	4040 Fondorf Dr	Columbus	
Smith Dodson Co	200 Colton Rd	Columbus	
Southland Self Storage DBA Carninal Self Storage	5341 N Hamilton Rd	Columbus	
Southwood Self Storage	711 Southwood Ave	Columbus	
Space Savers Mini Storage	5660 W Broad St	Columbus	
Spartan	4141 Lockbourne Industrial Pkwy	Columbus	
Spartan Logistics	4051 Lockbourne Industrial Pkwy	Columbus	
Spartan Warehouse & Distbn	4140 Lockbourne Rd	Columbus	
Spin Craft	707 Harmon Plaza	Columbus	
Spring Works Inc	801 Distribution Dr	Columbus	
Star Packaging, Inc.	4791 Roberts Rd	Columbus	
Steelmasters of Columbus Inc	660 Concrea Rd	Columbus	
Steer & Gear Inc	1000 Barnett Rd	Columbus	
Sterling Process Engineering & Sevices	333 McCormick Blvd	Columbus	
Storage One	5275 Gender Rd	Columbus	
Suburbon Steel	915 Distribution Dr	Columbus	
Sunrise Foods Inc	3120 Valleyview Dr	Columbus	P6/29/2012

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012 05
Superior Welding Co Inc	906 S Nelson Rd	Columbus	
Swan Freedom	1320 McKinley Ave Ste A	Columbus	
Swan Manufacturing Company	65 Kingston Ave	Columbus	
Swift Transportation Inc	4141 Parkwest Dr	Columbus	
SYGMA	4630 Journal St	Columbus	
SYGMA	2000 Westbelt Dr	Columbus	
SYGMA Network Inc	1901 Dividend Dr	Columbus	
Tapha Trucking Inc	3323 Refugee Rd	Columbus	
Team Industrial Services Inc	3005 Silver Dr	Columbus	
Techdisposal	320 Outerbelt St	Columbus	
Thoroughbred Bulk Transfer	5075 Fisher Rd	Columbus	
Thurman Trucking Services Inc	2580 Groveport Rd	Columbus	
Thurns Specialty Meats Inc	530 Greenlawn Ave	Columbus	
TIP Trucking	2800 International St	Columbus	
Towne Air Freight Inc	1860 Williams Rd	Columbus	
Transfer Services LLC	1981 S High St	Columbus	
Transmet Corp	4290 Perimeter Dr	Columbus	
Transportation Resources Inc	1120 Rarig Ave	Columbus	
Tranz Lights, Inc.	3487 E Fulton St	Columbus	
Tri-State Supply Co Inc	3840 Fisher Rd	Columbus	
Tritex Corp.	1390 Holly Ave	Columbus	
U Part It LLC	2055 Refugee Rd	Columbus	
U Part It LLC	2324 Refugee Rd	Columbus	
U S Cloth Shop Inc	1010 E Starr Ave	Columbus	
U Store It	5252 Nike Dr	Columbus	
U-Haul	7510 Worthington Galena Road	Columbus	
U-Haul Moving & Storage	1211 Parsons Ave	Columbus	
U-Haul Moving & Storage @ 5th Ave	1314 E Fifth Ave	Columbus	
U-Haul of Worthington	7472 Reliance St	Columbus	
Uncle Bob's Self Storage	851 W Henderson Rd	Columbus	
Uncle Chucks Printing & Signs	2541 W Broad St	Columbus	

**2012 Category 1
Industry Summary**

Company	SiteAddress	City	InspectionDate2012_05
Union County Cab LLC	3823 Sullivant Ave	Columbus	
United Poly & Packaging	1178 Joyce Ave	Columbus	
United Security Seals Inc	2000 Fairwood Ave	Columbus	
Universal Auto Parts	1061 McKinley Ave	Columbus	
Universal Fabricating & Constr	1241 McKinley Ave	Columbus	
Unlimited Transportation	3540 Fisher Rd	Columbus	
Ustek Inc	4663 Executive Dr	Columbus	
USTRG, LTD	2111 International St	Columbus	
V.A.T., Inc.-Columbus Bus Compound	952 Brentnell Ave	Columbus	
Valley Interior Systems Inc	3840 Fisher Rd	Columbus	
VanDyke Custom Iron Inc	311 Outerbelt St	Columbus	
Vellus Products Inc	6442 Fiesta Dr 44	Columbus	
Victory Direct	1685 Woodland Ave	Columbus	
Vitale Poultry Co.	800 E Cooke Rd	Columbus	
W W Transport Inc	405 Commerce Square	Columbus	P3/6/2012
Warehouse Services	2901 E 4th Ave	Columbus	
Wasserstrom and Sons, N, Amtekco Industries Inc	2300 Lockbourne Rd	Columbus	
Wasserstrom Distribution Center	521 Marion Rd	Columbus	
Watkins Printing Co	1401 E 17th Ave	Columbus	
Weisenbach Specialty Printing	437 Holtzman Ave	Columbus	
Welch Packaging	6969 Alum Creek Dr	Columbus	
WGI Heavy Minerals, Inc./Spartan Logistics Storage	4140 Lockbourne Rd	Columbus	
Whirlpool Corp.	6241 Shook Rd	Columbus	
Wilsonart International	2500 International St	Columbus	
Worldwide Auto Recycling Inc	844 N Cassady Ave	Columbus	
Worldwide Flight Services Inc	476 E Fifth Ave	Columbus	
Worthington Steel Co., The	1127 Dearborn Dr	Columbus	P9/12/2012
Yi Xing Inc	850 Busch Ct	Columbus	
You Wrench It	3040 S High St	Columbus	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
ITC Manufacturing Inc	845 E Markison Ave	Columbus	No Exposure Certification	P9/6/2012
T Marzetti Co	3838 Indianola Ave	Columbus	General Permit	P9/26/2012
Anheuser Busch, Inc	700 Schrock Rd	Columbus	General Permit	P9/13/2012
Syscom Advanced Materials Incorporated	1275 Kinnear Rd Suite 5	Columbus	No Exposure Certification	P8/23/2012
Porcelain Steel Buildings Co (PSB CO)(White Castles)	555 W Goodale St	Columbus	General Permit	P8/2/2012
Calgon Carbon Corp	835 N Cassady Ave	Columbus	General Permit	P8/16/2012
Central Ohio Oil Inc	795 Marion Rd	Columbus	General Permit	P8/13/2012
Ball Corporation	350 McCormick Blvd	Columbus	No Exposure Certification	P7/31/2012
Birchwood Foods	1821 Dividend Dr	Columbus	General Permit	P7/12/2012
Burton Metal Finishing Inc	1711 Woodland Ave	Columbus	General Permit	P6/7/2012
Roxane Laboratories, Inc. (Boehringer Ingelheim Roxane, Inc)	1809 N Wilson Rd	Columbus	No Exposure Certification	P6/28/2012
Bodycote Thermal Processing (Metal Improvement Co)	1515 Universal Rd	Columbus	No Exposure Certification	P6/20/2012
Hirschvogel Inc	2230 S Third St	Columbus	General Permit	P6/15/2012
Liebert North America Inc	1050 Dearborn Dr	Columbus	General Permit	P6/14/2012
Quality Bakery CO	50 N Glenwood Ave	Columbus	General Permit	P5/21/2012
T Marzetti Co/Allen Division	1709 Frank Rd	Columbus	General Permit	P5/21/2012
CSC Worldwide	4401 Equity Dr	Columbus	No Exposure Certification	P4/9/2012
Herman Falter Packing Co The	384 Greenlawn Ave	Columbus	No Exposure Certification	P4/30/2012
Bron-Shoe Co	1313 Alum Creek Dr	Columbus	No Exposure Certification	P4/25/2012
Ohio Packing Co	1340 Emig Rd	Columbus	No Exposure Certification	P4/24/2012
AY Manufacturing Ltd	5200 Crosswind Dr	Columbus	No Exposure Certification	P2-10-2012
Krispy Kreme Doughnut Corp	3690 W Dublin Granville Rd	Columbus	No Exposure Certification	P2/22/2012
Engineered Profiles LLC DBA Crane Plastics	2141 Fairwood Ave	Columbus	General Permit	P2/2/2012
Akzo Nobel Coatings Inc	1313 Windsor Ave	Columbus	General Permit	P12-13-2012

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Arcelormittal Columbus LLC	1800 Watkins Rd	Columbus	General Permit	P12/14/2012
Mars Petcare US Inc	5115 Fisher Rd	Columbus	General Permit	P11/28/2012
Franklin International, Inc.	2020 Bruck St	Columbus	General Permit	P11/1/2012
V & S Columbus Galvanizing LLC	1000 Buckeye Park Rd	Columbus	General Permit	P10/9/2012
Clean Water Ltd.	2480 Jackson Pike	Columbus	No Exposure Certification	P10/31/2012
English Bay Batter, Inc	2241 City Gate Dr	Columbus	No Exposure Certification	P10/30/2012
Pepsi Cola Bottling Co. of Columbus (G and J Pepsi Cola bottlers)	1241 Gibbard Ave	Columbus	General Permit	P10/24/2012
Capital Spring Division/M W Industries	2000 Jetway Blvd	Columbus	No Exposure Certification	P10/23/2012
Worthington Industries Inc/ Wothington Cyclinder Corp	1085/1205 Dearborn Dr	Columbus	General Permit	P10/2/2012
Jenis Splendid Ice Cream	909 Michigan Ave	Columbus	No Exposure Certification	P10/18/2012
American Bottling Co/Seven Up Beverages/Beverage Management	950 Stelzer Rd	Columbus	No Exposure Certification	P10/10/2012
COW Industries Inc	1875 Progress Ave	Columbus	No Exposure Certification	P1/30/2012
Suttles Truck Leasing (Dana Transport no exp research)	1795 Feddern Ave	Columbus	No Exposure Certification	P1/25/2012
Ohio Anodizing Co Inc	915 N 20th St	Columbus	General Permit	P1/17/2012
Panacea Products Corp	1825 Joyce Ave	Columbus	No Exposure Certification	P1/17/2012
Maramor Chocolates	1855 E 17th Ave	Columbus	No Exposure Certification	P1/11/2012
Mills Metal Finishing Inc	1967 McAllister Ave	Columbus	General Permit	P1/11/2012
PSC Metals Inc	2205 Parsons Ave	Columbus	General Permit	8-2-2012
PSC Metals, Inc. Joyce Yard	1283 Joyce Ave	Columbus	General Permit	8-2-2012
Advance Industrial Mfg	1996 Longwood Ave	Columbus	General Permit	7-5-2012
Jetcoat	472 Brehl Ave	Columbus	General Permit	7-31-2012
Pitt Plastics Inc	3980 Groves Rd	Columbus	General Permit	7-26-2012
Masser Metals & Recycling	3103 Lamb Ave	Columbus	General Permit	7-24-2012
Ace Iron & Metal	2515 Groveport Rd	Columbus	General Permit	7-17-2012

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Hamilton Tanks LLC	2200 Refugee Rd	Columbus	General Permit	7/3/2012
Pactiv Corporation	2120 Westbelt Dr	Columbus	General Permit	6/12/2012
Pactiv Corporation	1999 Dividend Dr	Columbus	General Permit	6/12/2012
CSX Transportation Inc	2600 Parsons Ave	Columbus	General Permit	5-22-2012
ConAgra Foods Inc	4200 Sullivant Ave	Columbus	General Permit	5-21-2012
Columbus Ohio Recycling & Transfer Station (Rumpke of Ohio Inc)	1191 Fields Ave	Columbus	General Permit	5-15-2012
Edison Automotive Inc	1529 McKinley Ave	Columbus	General Permit	11-8-2012
Reliable Truck Parts Inc	1950 Refugee Rd	Columbus	General Permit	11-15-2012
First Student, Inc.	1798 Frebis Ave	Columbus	General Permit	11/20/2012
I H Schlezinger Inc	1041 Joyce Ave	Columbus	General Permit	10-5-2012
CSX-Columbus Terminal	2351 Westbelt Dr	Columbus	General Permit	10-3-2012
Wirthman Bros Inc	3515 E Main St	Columbus	General Permit	10-16-2012
Norfolk Southern Railway Co	2450 Fairwood Ave	Columbus	General Permit	10/17/2012
1662 LLC (Ace Iron & Metal Inc)	1662 Williams Rd	Columbus	No Exposure Certification	
2700 International	2700 International St	Columbus	No Exposure Certification	
A.E. Cole II Inc	5515 Chantry Dr	Columbus	No Exposure Certification	
Abbott Nutrition	1001 Checkrein Ave	Columbus	No Exposure Certification	
Accurate IT Servi es	690 Hadley Dr	Columbus	No Exposure Certification	
ADEPT Properties LLC	1313 Harmon Ave	Columbus	General Permit	
Advance Machining & Gear Inc	2375 Harrisburg Pike	Columbus	No Exposure Certification	
Advantage Tank Lines LLC	500 Manor Park Dr	Columbus	General Permit	
Aerospace Lubricants Inc	1600 Georgesville Rd	Columbus	No Exposure Certification	
Allied Mineral Products Inc	2700 Scioto Pkwy	Columbus	General Permit	
America's Body Company Dist LLC/Leggett & Platt Co	939 E Starr Ave	Columbus	No Exposure Certification	
AMETEK HDR Power Systems	3563 Interchange Rd	Columbus	No Exposure Certification	
AMETEK Solidstate Controls	875 Dearborn Dr	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
AMT Machine Systems	868 Freeway Dr N	Columbus	No Exposure Certification	
ANDA PHARMACEUTICALS	6500 Adelaide Ct	Columbus	No Exposure Certification	
Appian Manufacturing Corp	2025 Camaro Dr	Columbus	No Exposure Certification	
ARKOTE	1585 Frebis LN	Columbus	No Exposure Certification	
Auld Technologies Inc	2030 Dividend Dr	Columbus	No Exposure Certification	
Avure Technologies	3721 Corporate Dr	Columbus	No Exposure Certification	
A-Z Recycling, 1465 Part Ltd aka	1465 E 17th Ave	Columbus	General Permit	
Beckman XMO	376 Morrison Rd Suite D	Columbus	No Exposure Certification	
Big Lots - Fisher Rd Distribution Center	5303 Fisher Rd	Columbus	No Exposure Certification	
Big Lots Stores Inc	500 Phillipi Rd	Columbus	General Permit	
Bobcat Taxi Cab Service	1097 Camden Ave	Columbus	No Exposure Certification	
Bolton Field Airport	2000 Norton Rd	Columbus	General Permit	
Boss Display Corp	2001 Camaro Dr	Columbus	No Exposure Certification	
Bradshaw Co C H	2004 Hendrix Dr	Columbus	No Exposure Certification	
Brothers Drake Mead	26 E Fifth Ave	Columbus	No Exposure Certification	
Buck Equipment/AIM Attachments	1720 Feddern Ave	Columbus	No Exposure Certification	
Buckeye Case Works	440 Woodland Ave	Columbus	No Exposure Certification	
Buckeye Stamping Co Inc	555 Marion Rd	Columbus	No Exposure Certification	
Budget Storage	6805 Commerce Court Dr.	Columbus	No Exposure Certification	
Bulldog Media Blasting	1100 Rarig Ave Suite J	Columbus	No Exposure Certification	
Capital City Awning	577 N 4th St	Columbus	No Exposure Certification	
Capital Pros & Ortho Center	4678 Larwell Dr	Columbus	No Exposure Certification	
Cardinal Self Storage	7535 Alta View Blvd	Columbus	No Exposure Certification	
Cardinal Truss & Components Division of Building Concepts Inc	6868 Canal Rd	Columbus	General Permit	
Central Ohio Tactical Coatings	1511A Alum Creek Dr	Columbus	No Exposure Certification	
Central Ohio Transit Authority	1600 McKinley Ave	Columbus	No Exposure Certification	
Central Ohio Transit Authority	1333 Fields Ave	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Central Ohio Transit Authority	1330 Fields Ave	Columbus	No Exposure Certification	
Central Transport Inc	2450 Sobeck Rd	Columbus	General Permit	
Chatterton Self Storage	5621 Chatterton Rd	Columbus	No Exposure Certification	
Cher Inc dba The Window Shop	4720 Kenny Rd	Columbus	No Exposure Certification	
City of Columbus Alum Cree Transfer Station	2100 Alum Creek Dr	Columbus	General Permit	
City of Columbus Compost Facility	7000 State Route 104/ Jacksonville Pike	Columbus	General Permit	
City of Columbus Div of Sewerage & Drainage JPTP	2104 Jackson Pike	Columbus	General Permit	
City of Columbus Morse Road Transfer Station	4260 Morse Rd	Columbus	General Permit	
City of Columbus Refuse Georgesville Road Tranfer Station	1550 Goergesville Rd	Columbus	General Permit	
City of Columbus Southerly WWTP	6977 S High St	Columbus	General Permit	
Classic Solutions, Inc.	4140-A Fisher Rd	Columbus	No Exposure Certification	
Cloverleaf Cold Storage	2350 New World Drive	Columbus	No Exposure Certification	
Coalescence LLC	3455 Millennium Ct	Columbus	No Exposure Certification	
Columbus Cold Storage/ Capital City Ice (D&D Group)	2159 Lockbourne Rd	Columbus	General Permit	
Columbus Connection (Mt Carmel Health)	1165 Dublin Rd	Columbus	No Exposure Certification	
Columbus DC (Rolling Frito-Lay Sales LP)	6611 Broughton Ave	Columbus	General Permit	
Columbus Dispatch	5300 Crosswind Dr	Columbus	No Exposure Certification	
Columbus Glass & Mirror Inc	3034 Lamb Ave	Columbus	No Exposure Certification	
Columbus Instruments Intl	950 N Hague Ave	Columbus	No Exposure Certification	
Columbus Jack Corporation	2222 S 3rd St	Columbus	General Permit	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Columbus Roof Trusses Inc	2525 Fisher Rd	Columbus	No Exposure Certification	
Compusource Tech	1600 Integrity Dr	Columbus	No Exposure Certification	
Concept Wear	950 Oakland Park Ave	Columbus	No Exposure Certification	
Container Management Company LLC	1200 Corrugated Way	Columbus	No Exposure Certification	
Con-Way Freight - XCO	2625 Westbelt Dr	Columbus	General Permit	
Core Molding Technologies Inc	800 Manor Park Dr	Columbus	General Permit	
Crete Carrier Corp	5400 Crosswind Dr	Columbus	General Permit	
CubeSmart	5411 W Broad St	Columbus	No Exposure Certification	
Decker Construction Co	3040 McKinley Ave	Columbus	General Permit	
Dick Cold Storage/ Capital City Ice (D&D Group Ltd)	3080/3100 Valleyview Dr	Columbus	General Permit	
Digico Imaging Inc	3487 E Fulton St	Columbus	No Exposure Certification	
Dublin Road Mini Storage, LLC	2087 Dublin Rd	Columbus	No Exposure Certification	
E.E. Case Drop-Lot	994 Frank Rd	Columbus	No Exposure Certification	
Entrotech Inc	1245 & 1255 Kinnear Rd	Columbus	No Exposure Certification	
Environmental Reclaim	3900 Sullivant Ave	Columbus	No Exposure Certification	
Exterior Portfolio LLC	1441 Universal Rd	Columbus	General Permit	
Exterior Portfolio LLC	1550 Universal Rd	Columbus	General Permit	
Extra Space Storage	2929 Dublin Rd	Columbus	No Exposure Certification	
Extra Space Storage	3015 W Dublin Granville Rd	Columbus	No Exposure Certification	
Extra Space Storage	2087 S Hamilton Rd	Columbus	No Exposure Certification	
Extra Space Storage	191 N Wilson Rd	Columbus	No Exposure Certification	
Extra Space Storage	4616 Kenny Rd	Columbus	No Exposure Certification	
Ezzo Sausage Co.	1802 Lockbourne Rd	Columbus	No Exposure Certification	
FASTSIGNS	5117 E Main	Columbus	No Exposure Certification	
Fedex Express-OSUA	2424 Citygate Dr	Columbus	No Exposure Certification	
Five Star Cardinal Self Storage	4111 Groves Rd	Columbus	No Exposure Certification	
FST Logistics	1727 Georgesville Rd	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
FST Logistics Inc	2040 Atlas St	Columbus	No Exposure Certification	
Gateway Self Storage	750 E 11th Ave	Columbus	No Exposure Certification	
G-Cor Automotive	2100 Refugee Rd	Columbus	General Permit	
G-Corr Automotive	2025 Corvair Ave	Columbus	No Exposure Certification	
General Theming Contractors	3750 Courtright Ct	Columbus	No Exposure Certification	
Genpak	845 Kaderly Drive	Columbus	General Permit	
Glockner Oil Co Inc	2144 John Glenn Ave Suite B	Columbus	No Exposure Certification	
Greyhound Lines INC #250338	111 E Town St	Columbus	General Permit	
Griffin Industries Inc	808 Distribution Dr	Columbus	No Exposure Certification	
Harris Paper Crafts Inc	266 E Fifth Ave	Columbus	No Exposure Certification	
Hogan Truck Leasing Inc	2550 Westbelt Dr	Columbus	General Permit	
Honeywell	2080 Arlingate Ln	Columbus	General Permit	
Hopkins Printing	2246 Citygate Dr	Columbus	No Exposure Certification	
Hymes Company	4301 E 5th Ave	Columbus	No Exposure Certification	
IFCO Pallet Systems	2130 New World Dr	Columbus	No Exposure Certification	
Ink Well, The	1939 E Dublin Granville Rd	Columbus	No Exposure Certification	
J B Hunt Transport Inc - Columbus	5435 Crosswind Dr	Columbus	General Permit	
JACO Environmental Inc	4180 Perimeter Dr	Columbus	No Exposure Certification	
Jacobi Carbons Inc	432 McCormick Blvd	Columbus	General Permit	
Jacobson Distribution Company	2642 Fisher Rd	Columbus	No Exposure Certification	
Jones Fuel Co	350 Frank Rd	Columbus	General Permit	
Karn Meats Inc	922 Taylor Ave	Columbus	No Exposure Certification	
Kenwel Printers Inc	4272 Indianola Ave	Columbus	No Exposure Certification	
Key Finishes LLC	727 Harrison Dr	Columbus	No Exposure Certification	
KF Express Inc	430-440 Greenlawn Ave	Columbus	No Exposure Certification	
Lakefront Lines Inc	3152 E 17th Ave	Columbus	No Exposure Certification	
Leaders Moving & Storage Co	7455 Alta View Blvd	Columbus	No Exposure Certification	
Lifecare Medical Services Inc	3065 E 14th Ave	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
LV Trucking Inc	2440 Harrison Rd	Columbus	No Exposure Certification	
MAC Tools	4380 Old Roberts Rd	Columbus	No Exposure Certification	
Magnetic Springs Water Co. Inc	1917 Joyce Ave	Columbus	No Exposure Certification	
Magnum Press	45 Lazelle Rd	Columbus	No Exposure Certification	
Marble Cliff Oil Co	2057 Dublin Rd	Columbus	General Permit	
Marcy Enterprises, Inc.	2977 Lamb Ave	Columbus	No Exposure Certification	
Materials Science International, Inc.	1660 Georgesville Rd	Columbus	No Exposure Certification	
McCabe Print Works	2910 Scioto Darby Executive Ct	Columbus	No Exposure Certification	
McGraw-Hill Companies The	8787 Orion Pl	Columbus	No Exposure Certification	
Mettler-Toledo Inc	1150 Dearborn Dr	Columbus	No Exposure Certification	
Meyer Machine Tool Co	3434 E 7th Ave	Columbus	No Exposure Certification	
Microweld Engineering, Inc.	7451 Oakmeadows Dr	Columbus	No Exposure Certification	
Middle West Spirits	1230 Courtland Ave	Columbus	No Exposure Certification	
Middleton Printing Co Inc	1220 Corrugated Way	Columbus	No Exposure Certification	
Mid-Ohio Electric Co	1170 McKinley Ave	Columbus	No Exposure Certification	
Midwest Strapping Products	1819 Walcutt Rd 13	Columbus	No Exposure Certification	
Monesi Trucking Co Inc	1715 Atlas St	Columbus	No Exposure Certification	
Morningstar Mini Storage of Georgesville	1531 Georgesville Rd	Columbus	No Exposure Certification	
Morrison Medical	3735 Paragon Dr	Columbus	No Exposure Certification	
Morrison Sign Co Inc	2757 Scioto Pkwy	Columbus	No Exposure Certification	
Morse Precision Automatics Co	2060 S High St	Columbus	No Exposure Certification	
National Lime & Stone Co	4390 Fisher Rd	Columbus	General Permit	
Nelson Co, The	1951 Galaxie St	Columbus	No Exposure Certification	
Nexergy Inc	1909 Arlingate Ln	Columbus	No Exposure Certification	
Noise Suppression Technologies	4182 Fisher Rd	Columbus	No Exposure Certification	
Norse Dairy Systems	1740 E 17th Ave	Columbus	No Exposure Certification	
Novotec Recycling LLC	3960 Groves Rd	Columbus	General Permit	
Nutis Press Inc	3540 E Fulton St	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Ohio Drop Off	2899 Morse Rd	Columbus	No Exposure Certification	
Ohio E-Waste Recycling Inc	2050 Williams Rd	Columbus	No Exposure Certification	
Ohio Mortgage Forms Inc	1234 Williams Rd	Columbus	No Exposure Certification	
Ohio Mulch Supply	1600 Universal Rd	Columbus	General Permit	
Ohio State Facility/ AKA Ohio State Container/ Consolidated Conatiner CO LP	1917 Joyce Ave	Columbus	General Permit	
Ohio State University - Airport	2160 Case Rd	Columbus	General Permit	
Oil Distributing Co	2181 Hardy Parkway St	Columbus	General Permit	
Old Dominion Freight Line Inc	2885 Alum Creek Dr	Columbus	General Permit	
Old Trail Printing Co, The	100 Fornoff Rd	Columbus	No Exposure Certification	
Optimum Print Solutions	5051 Freeway Dr E	Columbus	No Exposure Certification	
P H P K Technologies	2111 Builders Pl	Columbus	No Exposure Certification	
Pactiv LLC	2781 Westbelt Dr	Columbus	No Exposure Certification	
Panacea Products Corp	2711 International St	Columbus	No Exposure Certification	
Pasta Ditonis Inc	733 N James Rd	Columbus	No Exposure Certification	
Peebles Herzog Inc	50 Hayden Ave	Columbus	No Exposure Certification	
Phillip's Oil Co Inc Of Ohio	1877 McKinley Ave	Columbus	No Exposure Certification	
Pinnacle Metal Products Inc	1701 Woodland Ave	Columbus	No Exposure Certification	
Pitt Ohio Express LLC	2101 Hardy Parkway St	Columbus	General Permit	
Plastic Suppliers Inc	2400 & 2450 Marilyn Park Lane	Columbus	General Permit	
Possible Plastics Inc	1620 Feddern Ave Bldg B	Columbus	No Exposure Certification	
Precision Foods, Inc	683 Manor Park Dr	Columbus	No Exposure Certification	
Pressure Connections Corp.	610 Claycraft Rd	Columbus	No Exposure Certification	
Printing By Wilson	2733 Winchester Pike	Columbus	No Exposure Certification	
Public Storage - 21515	4511 Eastland Dr	Columbus	No Exposure Certification	
Public Storage - 24333	4060 Morse Rd	Columbus	No Exposure Certification	
Public Storage - 24334	4600 Kenny Rd	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Public Storage - 24335	6401 Busch Blvd	Columbus	No Exposure Certification	
Public Storage - 24416	4990 Sinclair Rd	Columbus	No Exposure Certification	
Public Storage - 24420	6750 Ambleside Dr	Columbus	No Exposure Certification	
Public Storage - 28219	2719 Morse Rd	Columbus	No Exposure Certification	
PXP OHIO	6800 Tussing Rd	Columbus	No Exposure Certification	
Quadra-Tech Inc	860 E Jenkins Ave	Columbus	No Exposure Certification	
Quality Rubber Stamp Inc	3314 Refugee Rd	Columbus	No Exposure Certification	
R & J Bardon Inc	4676 Larwell Dr	Columbus	No Exposure Certification	
Recycling Exchange North Inc	2830 Westerville Rd	Columbus	No Exposure Certification	
Republic Services Inc/ Reynolds Ave Transfer Station	805 Reynolds Ave	Columbus	General Permit	
Rickly Hydrological Co Inc	1700 Joyce Ave	Columbus	No Exposure Certification	
Rimrock Corporation	1700 Jetway Blvd	Columbus	General Permit	
RNS Columbus/ Vertis Communication INC	4051 Fondorf Dr	Columbus	No Exposure Certification	
Robey Tool & Machine	1593 E 5th Ave	Columbus	No Exposure Certification	
Rock Tenn Recycling Facility	1015 Marion Rd	Columbus	General Permit	
S&T Truck & Auto Service Inc	3150 Valleyview Dr Rm 8	Columbus	No Exposure Certification	
Saia Motor Freight Line, LLC	1717 Krieger St	Columbus	General Permit	
Savko Plastic Pipe & Fittings	683 E Lincoln Ave	Columbus	No Exposure Certification	
SCI Engineered Materials Inc	2839 Charter St	Columbus	No Exposure Certification	
Scriptel Corp	4145 Arlingate Plz	Columbus	No Exposure Certification	
Security Self Storage	4600 Fisher Rd	Columbus	No Exposure Certification	
Seekirk Inc	2420 Scioto Harper Dr	Columbus	No Exposure Certification	
ShadeTree Systems, LLC	6317 Busch Blvd	Columbus	No Exposure Certification	
Sherwin-Williams Co	2121 New World Dr	Columbus	General Permit	
Simpson Strong-Tie Co Inc	2600 International St	Columbus	No Exposure Certification	
Slone Graphics LLC	945 W Third Ave	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
Sonoco Products Co	444 McCormick Blvd	Columbus	No Exposure Certification	
SouthPrint	7525 Pingue Dr	Columbus	No Exposure Certification	
Specialty Services Inc	1382 Ohlen Ave	Columbus	No Exposure Certification	
Spillman Co	1701 Moler Rd	Columbus	General Permit	
Stericycle Inc	2341 Lockbourne Rd	Columbus	No Exposure Certification	
Stone & Granite Co, The	1300 Refugee Lane	Columbus	No Exposure Certification	
Stor All	824 W Fifth Ave	Columbus	No Exposure Certification	
Strawser Construction Inc	1595 Frank Rd	Columbus	General Permit	
Style-Rite Awnings	572 S Nelson Rd #N	Columbus	No Exposure Certification	
Superior Production Partnership LLC	1405 Marion Rd	Columbus	General Permit	
Superior Production Partnership LLC	2301 Fairwood Ave	Columbus	General Permit	
Sysco	2400 Harrison Rd	Columbus	No Exposure Certification	
T E Martindale Enterprises Inc	2840 E 5th Ave	Columbus	No Exposure Certification	
T Marzetti Co	3770 Indianola Ave	Columbus	No Exposure Certification	
T Marzetti Co (R&D Technical Services)	3900 Indianola Ave	Columbus	No Exposure Certification	
Tarrier Foods Corp	3915 Zane Trace Dr	Columbus	No Exposure Certification	
Tarrier Steel Co., The	1379 S 22nd ST	Columbus	General Permit	
Terminal Warehouse Inc	1658 Williams Rd	Columbus	No Exposure Certification	
TKS Industrial Company	1939 Refugee Rd	Columbus	General Permit	
Transflo Terminal Services Inc, Columbus Transflo Terminal	3100 Lockbourne Rd	Columbus	General Permit	
Tri-Modal Service Inc	2001 Walcutt Rd	Columbus	No Exposure Certification	
Trio Insulated Glass Inc	1094 McKinley Ave	Columbus	No Exposure Certification	
Tubelite Co Inc	1224 Refugee LN	Columbus	No Exposure Certification	
Uncle Bobs Self Storage #711	4735 Evanswood Drive	Columbus	No Exposure Certification	
Uncle Bob's Self Storage #724	6460 E Broad St	Columbus	No Exposure Certification	
Uncle Bobs Self Storage #810	7304 Tussing Rd	Columbus	No Exposure Certification	
Unico Alloys & Metals Inc	1177 Joyce Ave	Columbus	No Exposure Certification	

**2012 Category 2
Industry Summary**

Company	SiteAddress	City	PermitStatus	Inspection Date
United McGill Corporation	1779 Refugee Rd	Columbus	No Exposure Certification	
United Parcel Service -UPS Ground Freight Inc	3400 Refugee Rd	Columbus	General Permit	
United Parcel Service-UPS Trabue	5101 Trabue Rd	Columbus	General Permit	
United States Postal Service	850 Twin Rivers Dr	Columbus	No Exposure Certification	
United States Postal Service	2323 Citygate Dr	Columbus	No Exposure Certification	
United States Postal Service West Worthington	6316 Nicholas Dr	Columbus	No Exposure Certification	
UPS Cartage Services	1711 Georgesville Rd	Columbus	General Permit	
USF Holland Inc C/O YRC Enterprise Services Inc	4800 Journal St	Columbus	General Permit	
V & S Columbus Galvanizing LLC	987 Buckeye Park Road	Columbus	General Permit	
Vectra Inc	3950 Business Park Dr	Columbus	No Exposure Certification	
Vestcom	848 Freeway Dr N	Columbus	No Exposure Certification	
Vincent Direct	3560 Millikin Ct	Columbus	No Exposure Certification	
Ward Trucking LLC	1601 McKinley Ave	Columbus	No Exposure Certification	
Weldon, A Division of Akron Brass	3700 Zane Trace Dr STE A	Columbus	No Exposure Certification	
Weldon, A Division of Akron Brass Co	3656 Paragon Dr	Columbus	No Exposure Certification	
Westbelt Storage	4445 Old Roberts Rd	Columbus	No Exposure Certification	
Wheel Medic Inc	2971 Silver Dr	Columbus	No Exposure Certification	
Wolf Metals Inc	521 Harmon Ave	Columbus	No Exposure Certification	
Wolfden Products Inc	3991 Fondorf Dr	Columbus	No Exposure Certification	
Wyandotte Winery LLC	4640 Wyandotte Dr	Columbus	No Exposure Certification	
Yazaki North America	5353 Fisher Rd	Columbus	No Exposure Certification	
Yellow Transportation Inc (YRC INC 218)	5400 Fisher Rd	Columbus	No Exposure Certification	
Yenkin Majestic Paint Corp. O P C Polymers Co.	1920 Leonard Ave	Columbus	General Permit	

2012 NPDES Stormwater Sampling

Five City – Owned Outfalls

Introduction

The report titled "2012 NPDES Stormwater Sampling Summary – Five City-Owned Outfalls" is being prepared in fulfillment of requirements set forth in the City of Columbus' MS4 Permit, OEPA Permit No. 4PI00000*CD. The permit requires implementation of a Wet Weather Monitoring Program (the Program), including annual reporting and evaluations of the monitoring program through the five-year permit cycle. The annual report provides an evaluation of the data collected to date in the program.

This report summarizes monitoring activities for the first year of a new five year permit-cycle at the five outfall locations monitored during permit No. 4PI00000*BD. Results from the last five year cycle have been incorporated into program averages displayed in the various summary tables throughout this report. **Table 1**, below, represents a summary of the previous reports submitted under permit Nos. 4PI00000*BD and 4PI00000*CD.

Table 1 – Summary of Program Reports

Permit No.	Calendar Year	Report Date
4PI00000*BD	2007-2011	March 7, 2012 (final report)
4PI00000*CD	2012	February 18, 2013
4PI00000*CD	2013	TBD
4PI00000*CD	2014	TBD
4PI00000*CD	2015	TBD
4PI00000*CD	2016	TBD

While negotiating a new monitoring strategy with Ohio EPA under permit No. 4PI00000*CD, the City was able to collect samples during the second, third, and fourth quarters of 2012. Analyses of the samples were performed by Pace Analytical, Inc. and the Columbus Surveillance Laboratory. Each laboratory analyzed the samples with regard to the parameters summarized in **Table 2**, below.

Table 2: Summary of Laboratory Parameter Responsibility

Pace Analytical, Inc.		
Parameter	Abbreviation	Unit of Measure
Fecal Coliform	-	# / 100 ml
E. Coli	-	# / 100 ml
Nitrite	NO ₂	mg / l
Carbonaceous Biochemical Oxygen Demand	CBOD ₅	mg / l
Biochemical Oxygen Demand	BOD ₅	mg / l
Chemical Oxygen Demand	COD	mg / l
Orthophosphate	-	mg / l
Total Suspended Solids	TSS	mg / l
Total Phosphorous	-	mg / l
Ammonia	NH ₃	mg / l
Alkalinity	-	mg / l
Oil and Grease	-	mg / l
Total Cyanide	-	µg / l
Hardness	-	mg / l
Total Recoverable Cadmium	Cd	µg / l
Total Recoverable Chromium	Cr	µg / l
Total Recoverable Copper	Cu	µg / l
Total Recoverable Lead	Pb	µg / l
Total Recoverable Nickel	Ni	µg / l
Total Recoverable Zinc	Zn	µg / l

Stormwater Pollutant Sources

Stormwater pollutants monitored for the Columbus program are often released by materials or products used in construction, transportation, manufacturing, and in residential areas. For example:

- Galvanized roofs and gutters, paint, and tires are common sources of zinc
- Brake pads, antifreeze, and pesticides are possible sources of copper
- Burning fuels and batteries are common sources of cadmium
- Fertilizers, detergents, and organic matter are common sources of nitrogen.
- Pets, wildlife, and failing home septic systems are common sources of bacteria.

It is important to note that there can be many different sources that contribute to the level of pollutants in stormwater.

Sampling Locations

Sampling was conducted within drainages representing different types of land uses: residential, mixed residential (single family and multi-family), commercial, and industrial. **Table 3**, below, presents a summary of the land use, tributary acreage, and location of the outfalls sampled.

Table 3: Summary of City Sampling Locations

Site	Land Use	Tributary Area (ac)	Location
MH-1A	Medium Density Residential	77	Sawbury Blvd and Warrington Way
MH-02	Commercial	61	Sawmill Pl Blvd and Bent Tree Blvd
MH-03	Industrial	11	Joyce Ave and Windsor Ave
MH-4B	High-Density Residential	45	Clarendon Ave, south of Farifield Pl
MH-05	Multi-Family Residential	49	Petzinger Rd and Courtright Rd

Description of Sampling Locations

Figure 1 illustrates the location of each sampling site; which are described in further detail below:

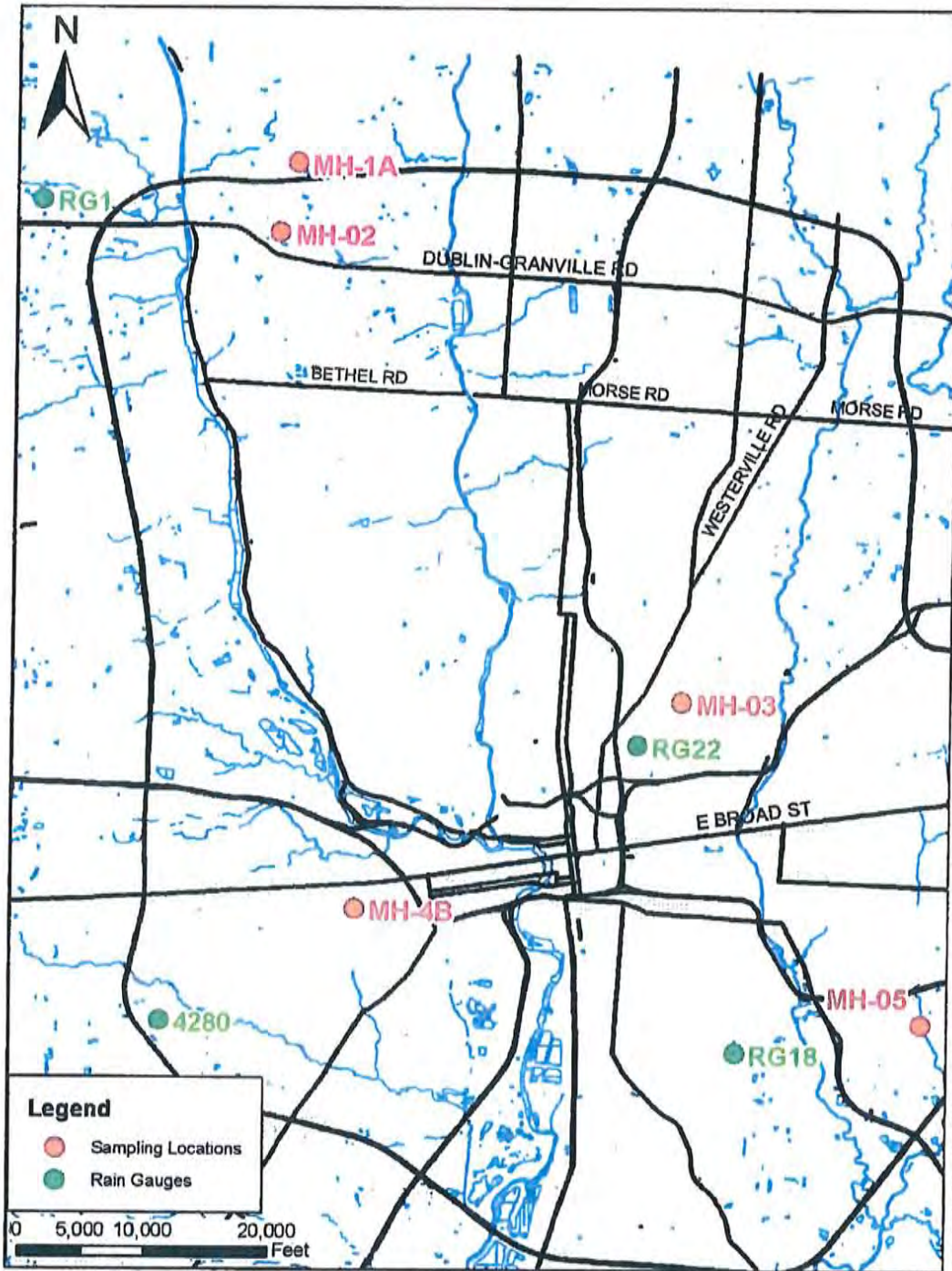
MH-1A: This sampling point is located near the intersection of Sawbury Boulevard and Warrington Way, on the inflow pipe to the Billingsley Road Retention Pond. The stormwater monitored at this location comes from a tributary area of approximately 77 acres of medium-density residential land use.

MH-02: This sampling point is located at the headwall along Sawmill Place Boulevard near its intersection with Bent Tree Boulevard, on the inflow pipe to the retention basin south of Anderson's. The stormwater monitored at this location comes from a tributary area of approximately 61 acres of commercial land use.

MH-03: This sampling point is located near the intersection of Joyce Avenue and Windsor Avenue. Samples are collected from a manhole on the storm sewer that leads to a culvert located on the edge of Jeff's Place Bar parking lot. The stormwater monitored at this location comes from a tributary area of approximately 11 acres of industrial land use.

MH-4B: This sampling point is located in a manhole at the northeast corner of Clarendon Avenue and the first alley south of Fairfield Place. The stormwater monitored at this location comes from a tributary area of approximately 45 acres of high-density residential land use.

MH-05: This sampling point is located at the manhole in the field south of Petzinger Road and east of the intersection of Petzinger Road and Courtright Road. The stormwater monitored at this location comes from a tributary area of approximately 49 acres of multi-family residential land use.



P:\1970\57278 NPDES WET WEATHER\Maps\Map2010\CitySites_RainGauges_Map2010.mxd

Sampling Events and Rainfall Data

Rainfall event characteristics for each sampling event in 2012 were obtained from rain gauges located throughout the City. Rain gauges used for this program were selected based on their proximity to the established program sampling sites; and are illustrated in Figure 1.

Table 4 provides a summary of the dates when sampling occurred at each location during Quarters 2 through 4. **Table 5** provides a summary of the rain events during which sampling was performed. Hydrographs for these rain events are included in **Appendix A**.

Table 4 – Summary of Sampling Events (by location)

Location	Quarter 1	Quarter 2	Quarter 3	Quarter 4
MH-1A	(no event sampled) ¹	06/29/2012	09/08/2012	11/12/2012 ²
MH-02	(no event sampled) ¹	06/29/2012	09/08/2012	12/02/2012
MH-03	(no event sampled) ¹	06/29/2012 ²	09/07/2012	11/12/2012
MH-4B	(no event sampled) ¹	06/29/2012 ³	09/08/2012	11/12/2012
MH-05	(no event sampled) ¹	06/29/2012	09/08/2012	11/12/2012
¹ sample collection began 2 nd quarter of 2012, following permit negotiations between Ohio EPA and the City.				
² no flow data available due to sensor malfunction, event composite sample prepared and analyzed				
³ Bacterial samples for the Hr. 0 sample and Equipment Blank sample were not analyzed. The sample containers were damaged and leaked during the storage / transportation process not leaving enough sample volume for analysis.				

Table 5 – Summary of Rainfall Data (by event date)

Quarter 1 – (no event sampled)				
Quarter 2 – 06/29/2012				
Location	Rain Gauge	Total V (in)	Antecedent Period (day) ²	Duration (hr:min)
MH-1A	RG1	0.69	6	1:50
MH-02	RG1	0.69	6	1:50
MH-03	RG22	0.59	6	2:00
MH-4B ¹	RG22	0.59	6	2:00
MH-05	RG18	0.59	6	2:35
Quarter 3 – 09/07/2012				
Location	Rain Gauge	Total V (in)	Antecedent Period (day)	Duration (hr:min)
MH-03 ²	RG22	0.61	1.35	7:20
Quarter 3 – 09/08/2012				
Location	Rain Gauge	Total V (in)	Antecedent Period (day)	Duration (hr:min)
MH-1A	RG1	1.21	2.74	7:55
MH-02	RG1	1.21	2.74	7:55
MH-4B ¹	RG22	0.61	1.35	7:20
MH-05	RG18	0.65	1.34	7:15
Quarter 4 – 11/12/2012				
Location	Rain Gauge	Total V (in)	Antecedent Period (day)	Duration (hr:min)
MH-1A	RG1	0.80	2.20	8:50
MH-03	RG22	0.58	2.25	8:20
MH-4B ¹	RG22	0.58	2.25	8:20
MH-05	RG18	0.62	11.05	8:00
Quarter 4 – 12/02/2012				
Location	Rain Gauge	Total V (in)	Antecedent Period (day)	Duration (hr:min)
MH-02	RG1	0.29	9	3:15
¹ RG4280, used in past years for this location, reported no data for 2012. For this reason, the next closest rain gauge in the program was utilized for reported data (RG22).				
² Trace amounts of precipitation were recorded on available weather monitoring stations; therefore rain event data from 09/08/2012 (early morning rain event) was populated for this sampling event.				

NPDES Dry-Weather Sampling Results

No dry-weather sampling was performed during 2012. Dry weather sampling for the current five sites was performed in 2007. The results, as analyzed by Alpha Omega Environmental Services, Inc. and the Columbus Surveillance Laboratory, were reported in the *2007 NPDES Stormwater Wet Weather*

Sampling Summary (2008). Following the first year of this program (2007), dry weather sampling is only necessary in the event that a new sampling location is established.

NPDES Wet Weather Sampling Results

This section presents data from each of the three sampled quarters in 2012 as analyzed by Pace Analytical, Inc. and the Columbus Surveillance Laboratory. These values are reported for each location in Tables 6 through 10 found in **Appendix B**. The quarterly event mean concentrations (EMC) for each sampling location were averaged to determine the annual mean for each of the sampled parameters.

The EMC of a pollutant is defined as the total pollutant mass discharged during a runoff event divided by the total runoff volume. An estimate of the EMC is typically obtained from the analytical results of flow-weighted composite samples collected during a runoff event. Discrete grab water samples are collected throughout the duration of the runoff event and combined into a single composite sample based on the proportion of the total flow volume represented by each sample. The composite sample is sent to the laboratories for analysis with the results representing the EMC. In cases where no flow data is available, for example due to equipment malfunction, the event composite sample is prepared and analyzed, and EMC concentrations are calculated strictly from that sample. The flow-weighted composite calculations for each site and sampling event are included in **Appendix C**.

Composite samples cannot be developed for fecal coliform and *E. coli* bacteria samples due to the high potential for sample contamination. Each discrete grab sample is analyzed individually. The results are mathematically combined into a single value representing the EMC based on the proportion of the total flow volume represented by each grab sample. Individual results of the grab samples and calculations of the flow weighted bacteria EMC values based on the grab samples are included in **Appendix D**.

A few of the analytical results indicate that measurements were less than the value which can be routinely detected and reported by a laboratory. These “non-detected” results are indicated with a “less than” (<) symbol preceding the number. This value is known as the practical quantification limit (PQL). When a result is below the PQL, the PQL is used to determine the average value. For example, samples were collected from MH-1A during Quarters 2, 3 and 4 (Table 6). The orthophosphate values determined from the flow-weighted composite samples were 0.06 mg/l, <0.05 mg/l, and <0.05 mg/l, respectively. These values are considered to be an EMC for orthophosphate for each event. The annual average (mean) of these values was determined by averaging 0.06, 0.05, and 0.05 to get 0.05 mg/l, which is the annual mean orthophosphate EMC for MH-1A in 2012.

Comparison of 2012 Wet Weather Monitoring Data

Evaluation of 2012 Columbus Monitoring Data

Table 11, also found in Appendix B, compares the average quarterly values of EMCs generated in 2012. Comparison of the 2012 data and average EMCs reveal the following observations:

- Concentrations of individual parameters varied by site and event as found in the results from the previous five years.
- Concentrations at the industrial land use location (MH-03) are often higher than other sampling locations for all quarters sampled in 2012, especially for total metals, oxygen demand, and TSS.

- Average concentrations of total metals at the high density residential land use location (MH-4B) are often higher than the other two residential sampling locations (MH-1A and MH05) in 2012, especially for lead and zinc.
- Zinc concentrations are generally higher than all other metals at all sampling locations throughout 2012.
- With exception of elevated COD values at MH-4B, CBOD, BOD and COD values are comparable at MH-1A, MH-02, MH-4B, and MH-05 during 2012.

Evaluation of 2007-2012 Columbus Monitoring Data

Table 12, also found in Appendix B, illustrates the Program’s average annual EMC values for each parameter at each sampling location. Evaluation of this data reveals a few primary observations; these include:

- Water quality levels vary from event to event, site to site and year to year as demonstrated by the variation in mean values. This is a common trend in stormwater due to range of outside and local factors that can impact water quality such as precipitation, air quality, and local maintenance practices.
- MH-03 generally has the highest average values for a majority of the parameters (BOD, COD, alkalinity, O&G, hardness, nutrients, solids, and total metals) during all six years. With exception of MH-03, the other four sampling locations have average values generally within the same order of magnitude during all six years.
- Average oil & grease values at MH-02 (commercial land-use) and MH-03 (industrial land-use) are higher than those for residential land-uses.
- The average total recoverable metal values at MH-1A are slightly higher, but within the same order of magnitude of previous years.
- The comparison of average values over the past six years indicates the water quality remained relatively consistent (i.e., the average values did not significantly increase or decrease) at any one site.

Comparison of Columbus Monitoring Data to NSQD Values

National Stormwater Quality Database (NSQD) Version 3 was compared to the sampling results obtained from the five City of Columbus sampling locations to identify similarities and differences. NSQD includes a total of 8,602 rain events from 104 cities throughout the continental United States. A copy of the Version 3 database can be found at:
<http://rpitt.eng.ua.edu/Research/ms4/mainms4.shtml>.

The comparison between the City’s data and NSQD was performed by creating box and whisker plots of the NSQD records. Box and whisker plots provide a graphical representation of data distribution by displaying the minimum, median, maximum, 25th percentile, and 75th percentile values for a given set of data. **Figure 2**, below, illustrates how to interpret the elements shown in box and whisker plots.

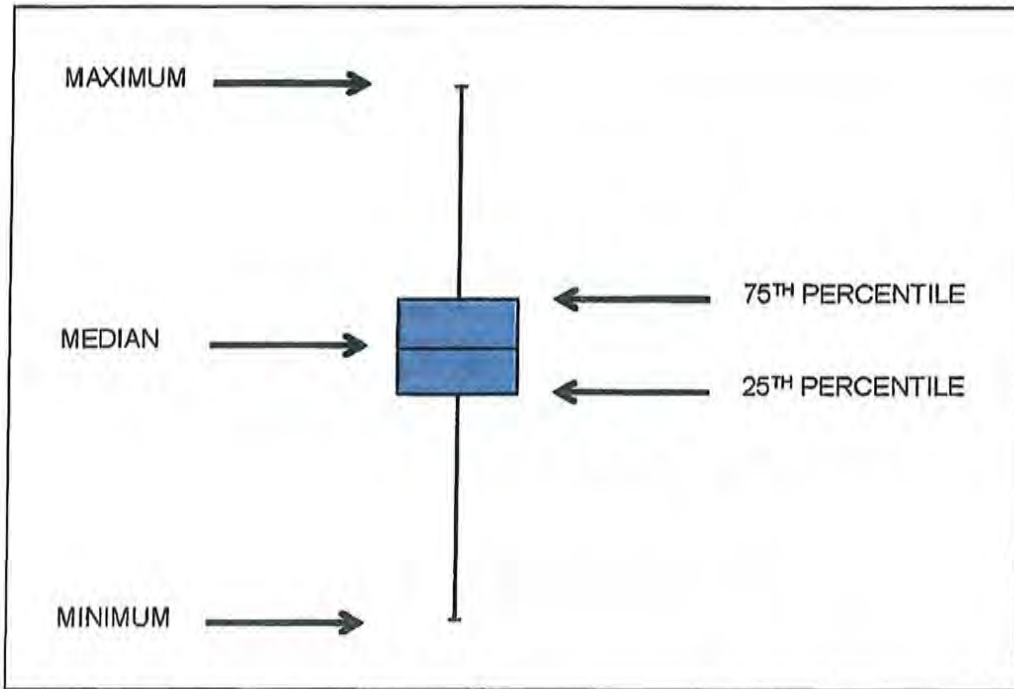


Figure 2 – Box and Whisker Plot Interpretation

Box and whisker plots of the NSQD records were created for 14 parameters of interest, which included BOD₅, COD, TSS, total phosphorus, ammonia, fecal coliform, hardness, oil & grease, and total metals (Cd, Cr, Cu, Pb, Ni, and Zn). Added to each plot were the City’s quarterly EMC 2012 sampling data, along with the mean and median values of the City’s combined 2007 through 2012 data.

Each of the five sampling locations was matched to a subset of the NSQD record set representing the same land use category. Each sampling location has been classified by land use, as described previously, and again summarized in **Table 13**, below.

Table 13 – Land Use Designation of Sampling Sites

Sampling Site	Land Use
MH-1A	Medium-Density Residential
MH-02	Commercial
MH-03	Industrial
MH-4B	High-Density Residential
MH-05	Multi-Family Residential

The 2012 City sampling values, and six-year program means, at all sampling locations are generally consistent with the NSQD data ranges represented by the box and whisker plots in **Appendix E**. There are a few exceptions:

- The bacteria EMC values (fecal coliform) are generally higher than national medians, and individual records are, at times, greater than an order of magnitude in deviation of the NSQD median at all five locations.

- EMC values for BOD₅, COD, hardness, oil and grease, TSS, cadmium, copper, lead, and zinc at the industrial location (MH-03) are greater than the NSQD 75th percentile.
- Mean EMC values for fecal coliform, hardness, and lead at the high density residential location (MH-4B) are generally greater than the NSQD 75th percentile.
- Mean EMC values for hardness are at or higher than the NSQD 75th percentile at all sampling locations.
- With exception of MH-03, the six-year mean and median concentrations at all other land-use locations for total cadmium are less than the NSQD 25th percentile.
- The six-year mean and median concentrations for total recoverable metals are generally within the middle 50 percentile at all residential land use locations (MH-1A, MH-4B, and MH-05).
- The six-year mean concentrations for hardness and fecal coliform are near or greater than the NSQD 75th percentile for all land uses.

Not all parameters are represented in the box and whisker plots shown in Appendix D. *E. coli*, CBOD₅, Alkalinity, cyanide, orthophosphate, and nitrite are not included in the comparisons because less than 100 events were available within the NSQD.

Trend Analysis of Monitoring Data

Following completion of the initial five-year permit term (OEPA Permit No. 4PI00000*BD), the Mann-Kendall trend analysis test was used to evaluate the probability of trends for the 20 analytes sampled quarterly at the five sites from 2007 - 2011. For a majority of the parameters, there was a wide range of variability in the EMC values from year to year and from site to site. No significant or high probabilities of increasing or decreasing trends were found in 92 of the 100 combinations (20 analytes multiplied by five sites). The water quality at the five sites remained relatively consistent from 2007-2011. For a detailed summary of this evaluation, reference the 2011 NPDES Stormwater Sampling Summary – Five City-Owned Outfalls dated March 7, 2012.

As suggested in the preceding review of the 2012 Columbus monitoring data, little has changed in the stormwater quality of the five sampling sites. For example, average values of each parameter have not increased or decreased significantly over the past year; also, sites with above average (as compared to NSQD data) total metals or oxygen demand levels continued to be within the same order of magnitude as previous years. For these reasons, no trend analysis of data was performed following the 2012 monitoring effort.

Conclusions

Samples were collected and evaluated in a manner consistent with the QAPP established for this program, indicating that the program is yielding quality data useful in establishing a dependable database of stormwater measurements for future interpretation. On an annual basis, the reported lab data are evaluated with regard to plausibility, significant digits, and practical quantification limits. Each record is validated to assure that any laboratory, analytical, or field collection errors have been identified. Any records that are questionable have been reviewed prior to development of this report. Additionally, any records found to be inaccurate or false have been flagged (with explanation.)

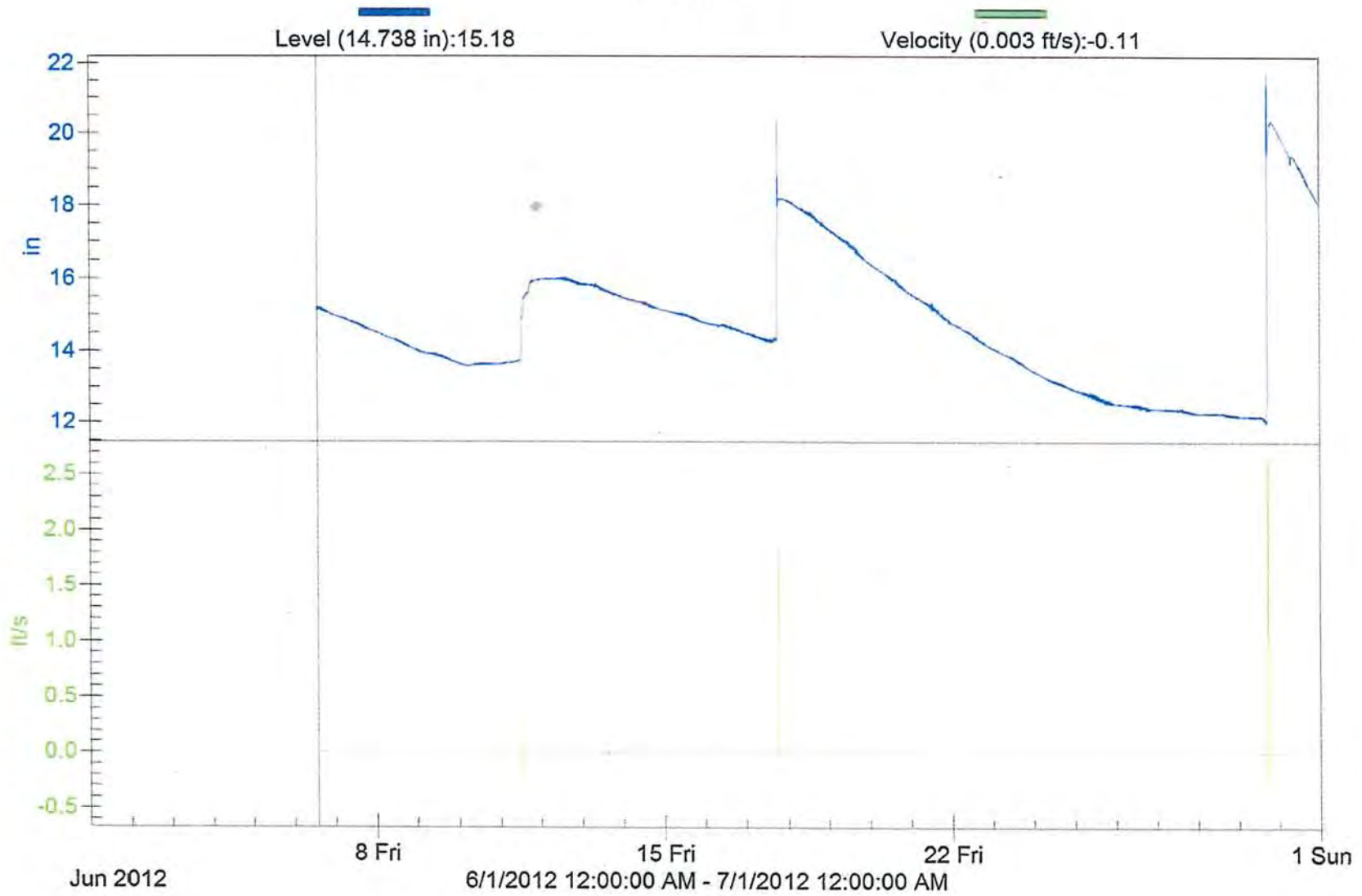
EMC values from the only industrial land-use site (MH-03) throughout the program are generally higher than the values reported at other sites in the City, and generally higher than the median values in the NSQD. Based on previous land-use, it is suspected that some of the elevated constituents are generated by sources other than stormwater runoff. EMC values from the high density residential site (MH-4B) are generally higher than the values reported at the other two residential (medium density and multi-family) sites in the City. All other parameters have EMC values generally within the same order of magnitude of national medians for all sampling locations. These conclusions are generally consistent throughout each individual Program year.

Appendix A

Rain Event Hydrographs

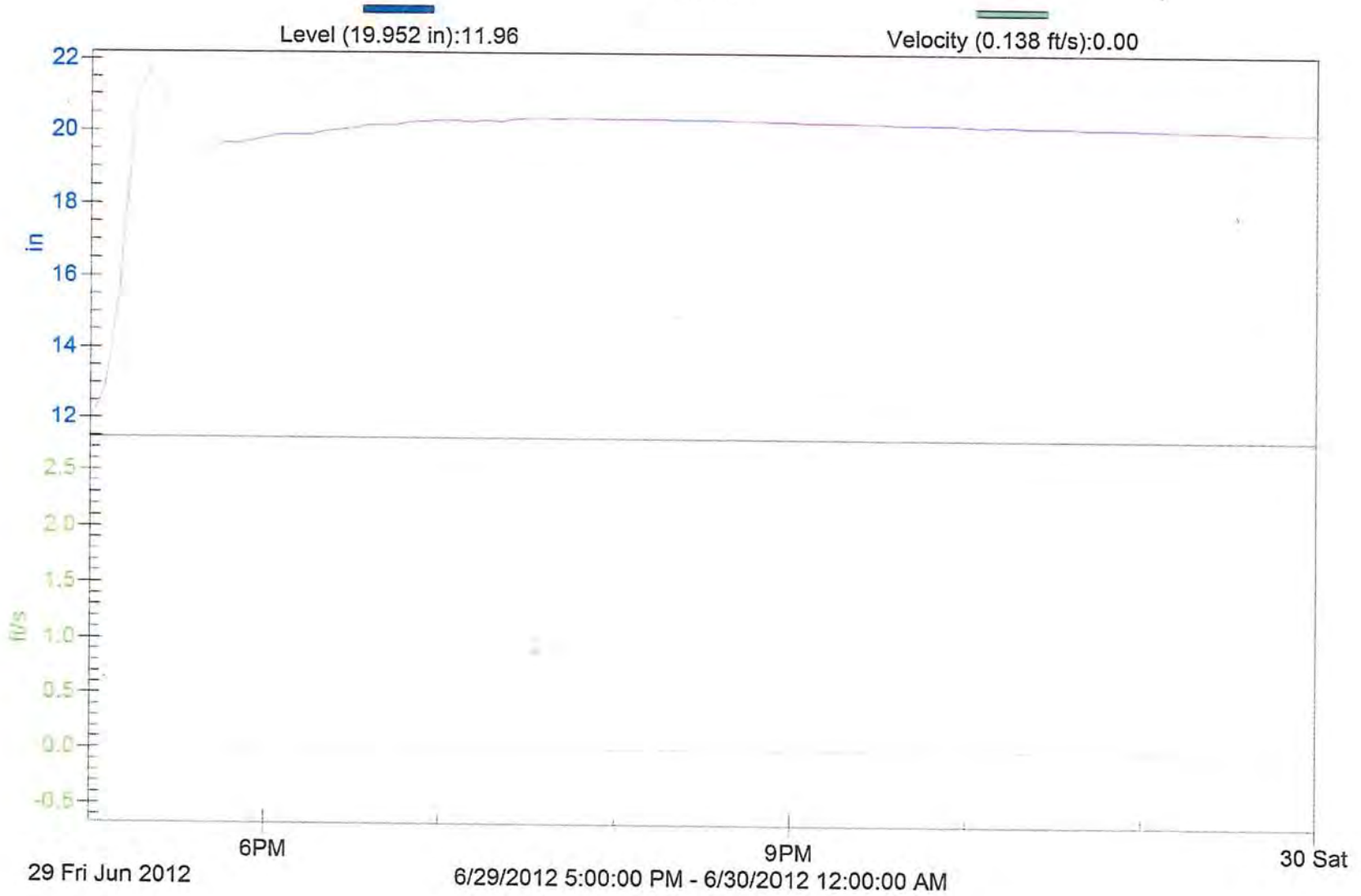
Sawbury

June 2012



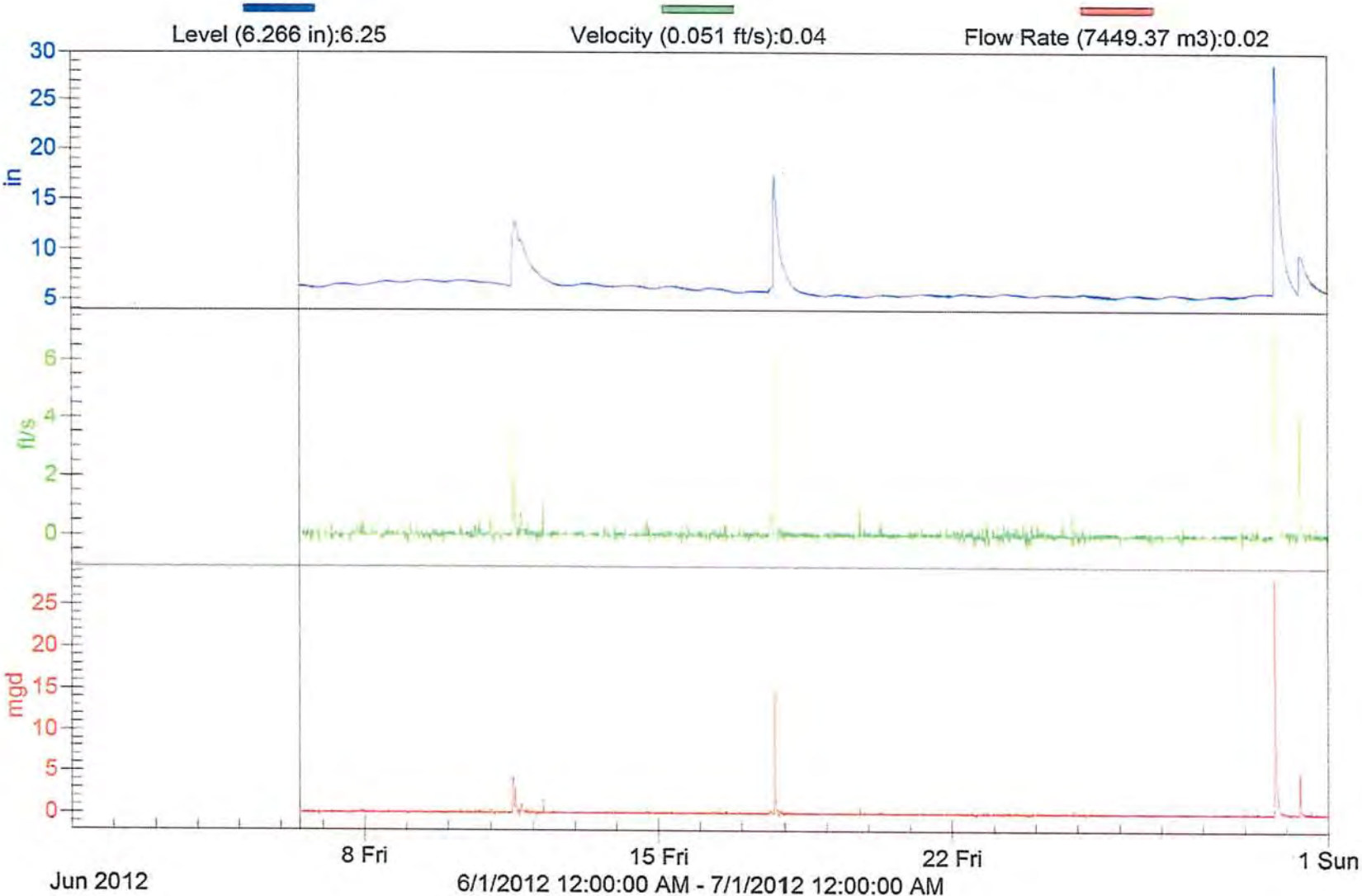
Sawbury

29 June 2012



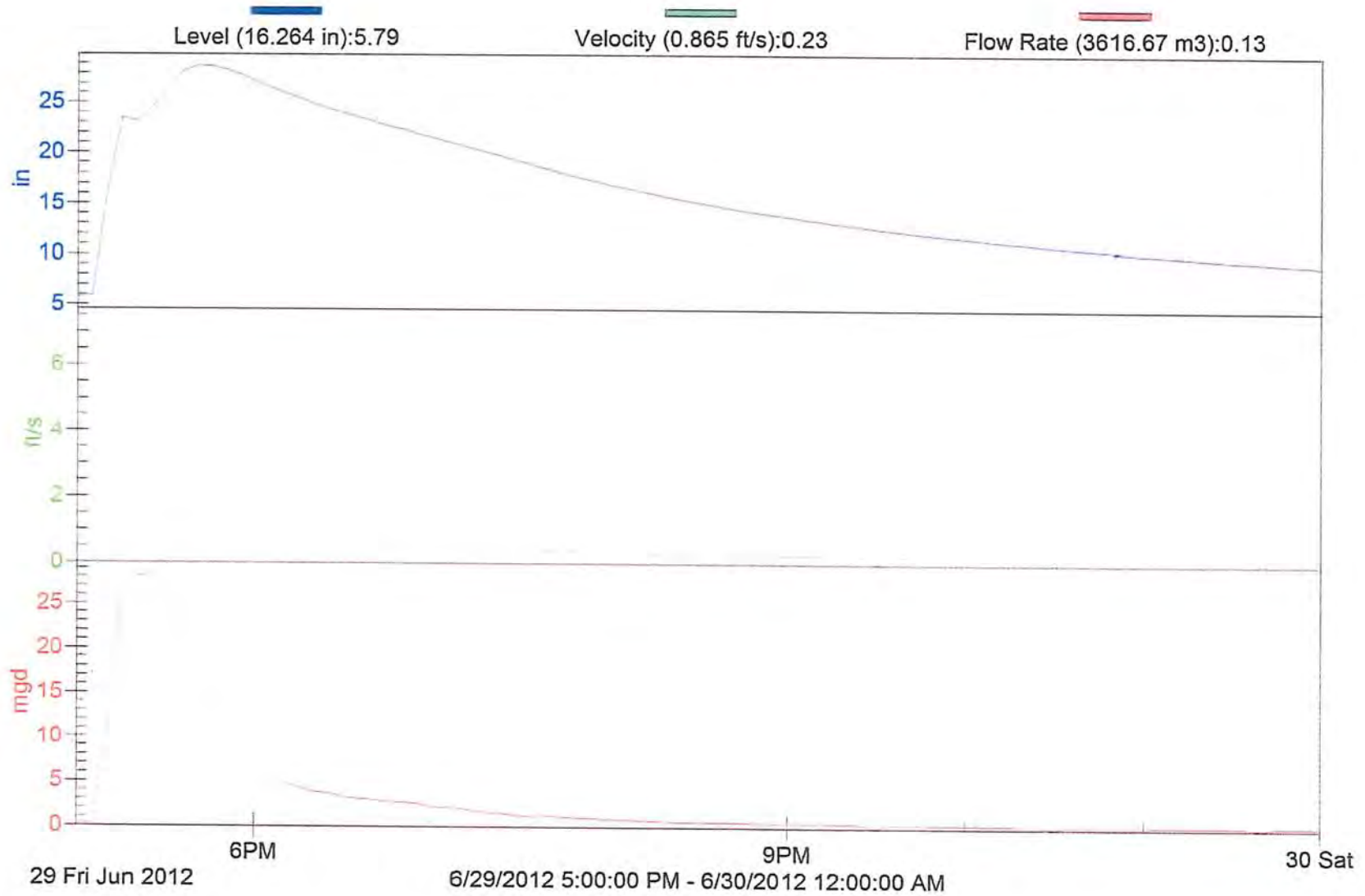
Andersons

June 2012



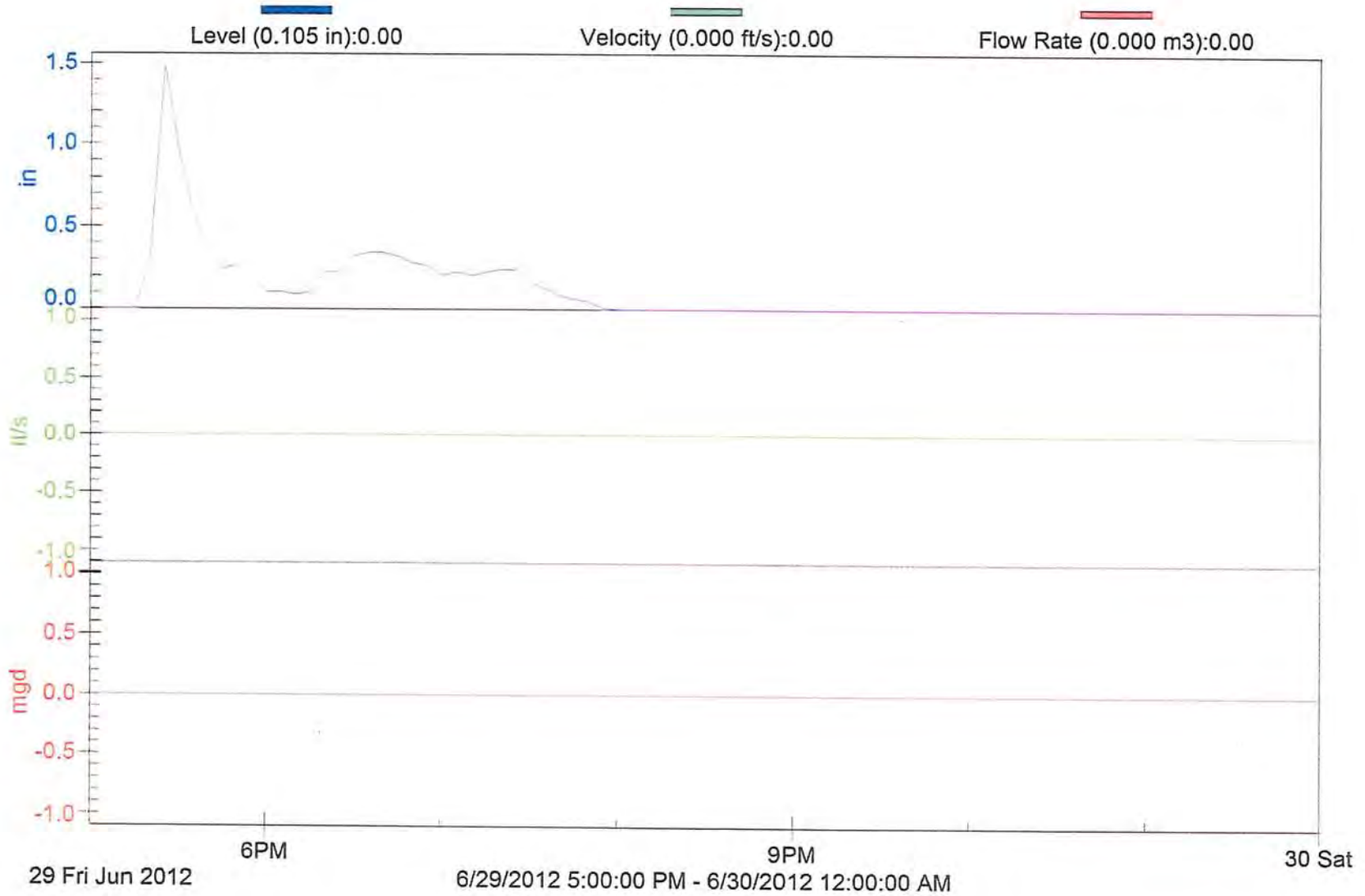
Andersons

29 June 2012



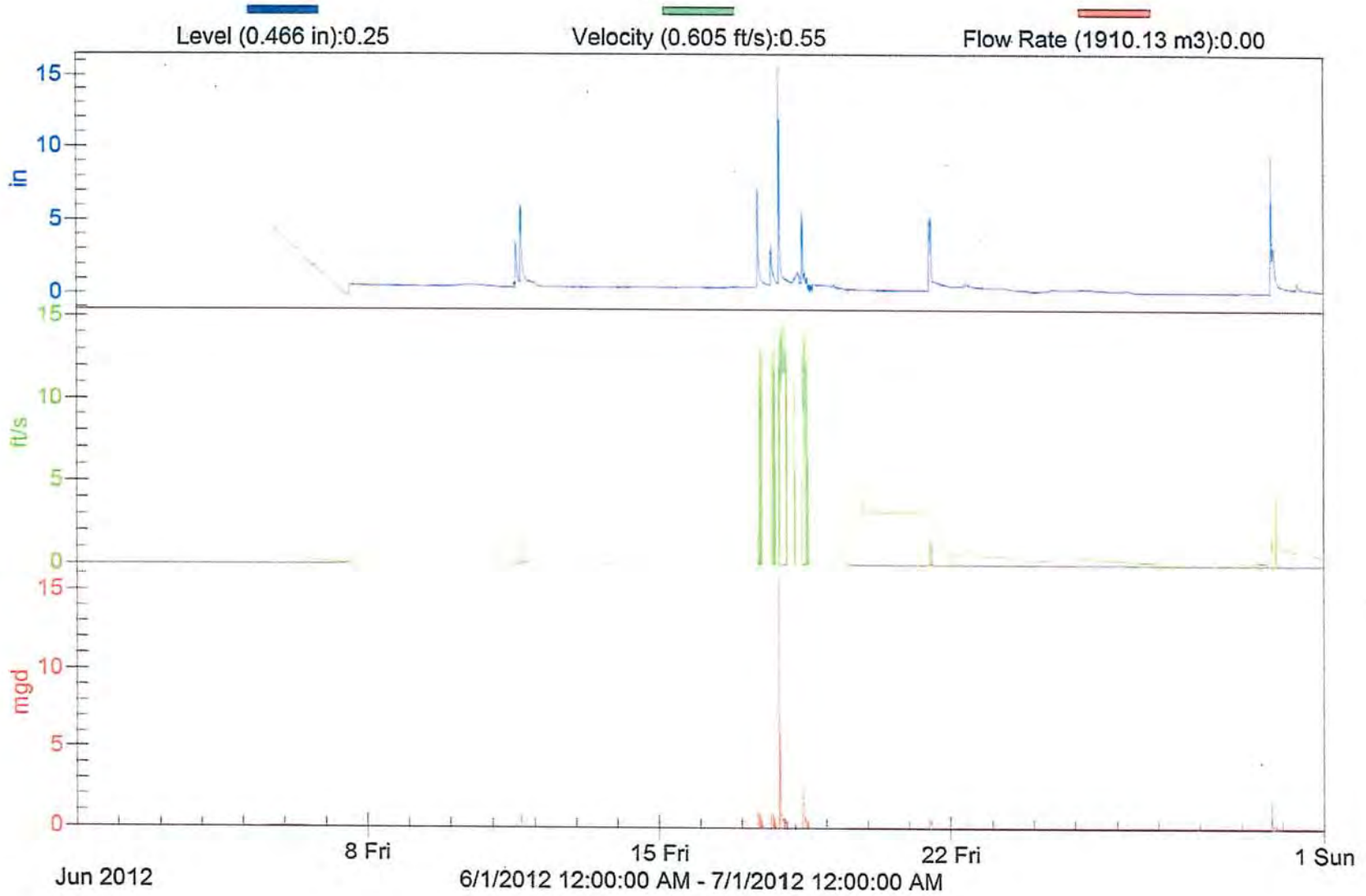
Joyce Ave

29 June 2012



Clarendon

June 2012



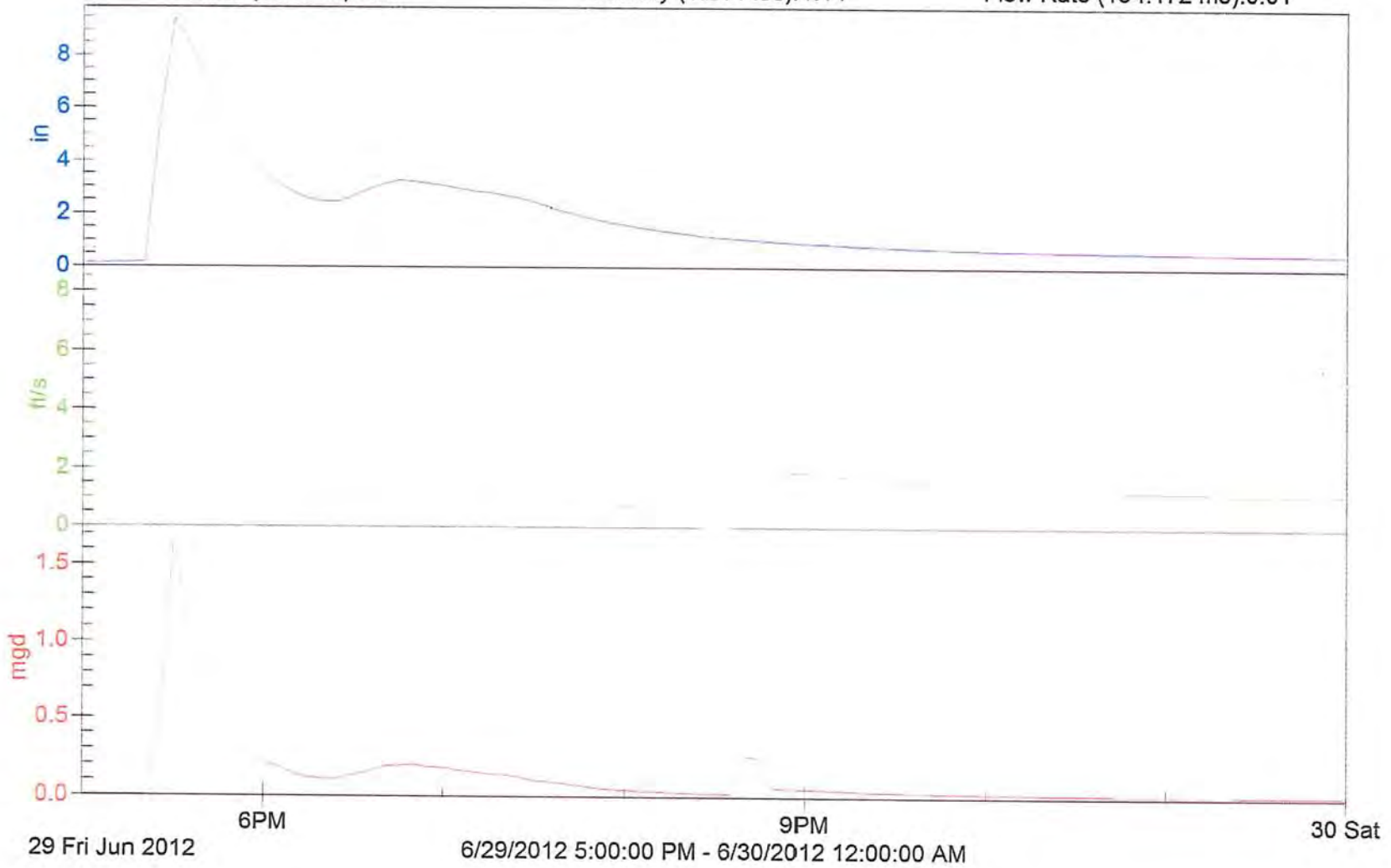
Clarendon

29 June 2012

Level (1.737 in):0.51

Velocity (1.214 ft/s):1.14

Flow Rate (134.172 m³):0.01

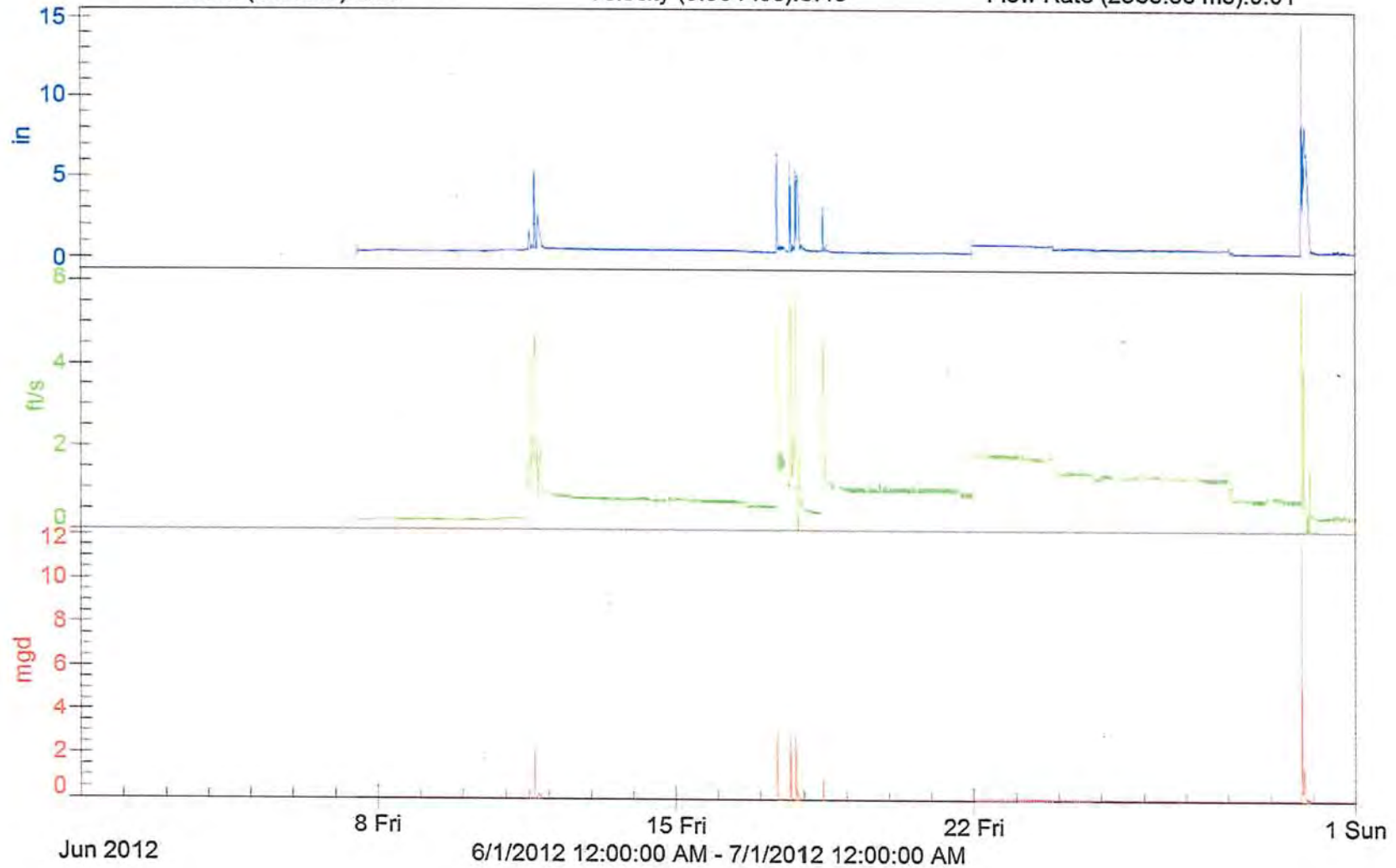


Petzinger Flowlink 5

Level (0.549 in):0.56

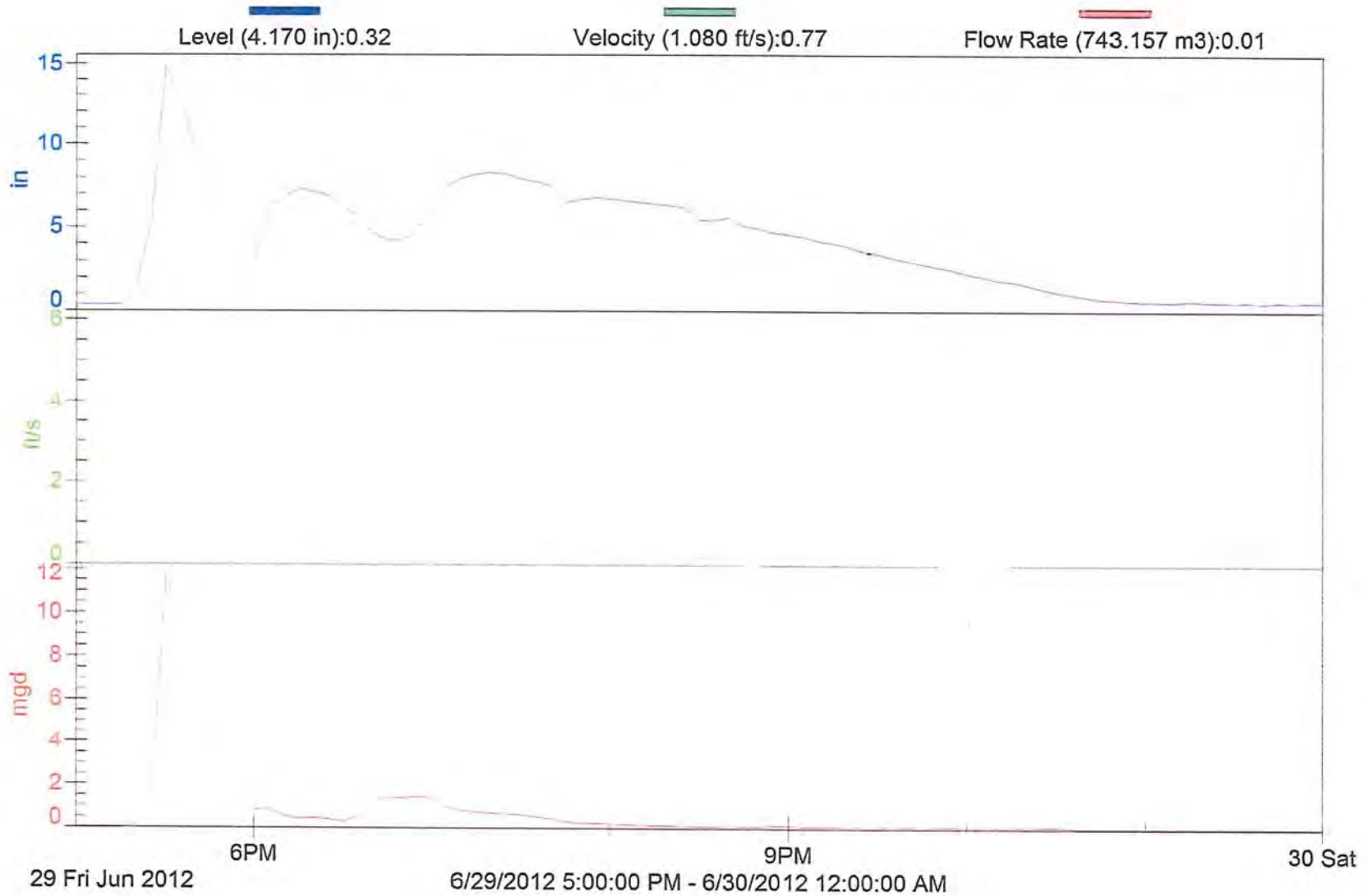
Velocity (0.904 ft/s):0.43

Flow Rate (2565.86 m3):0.01



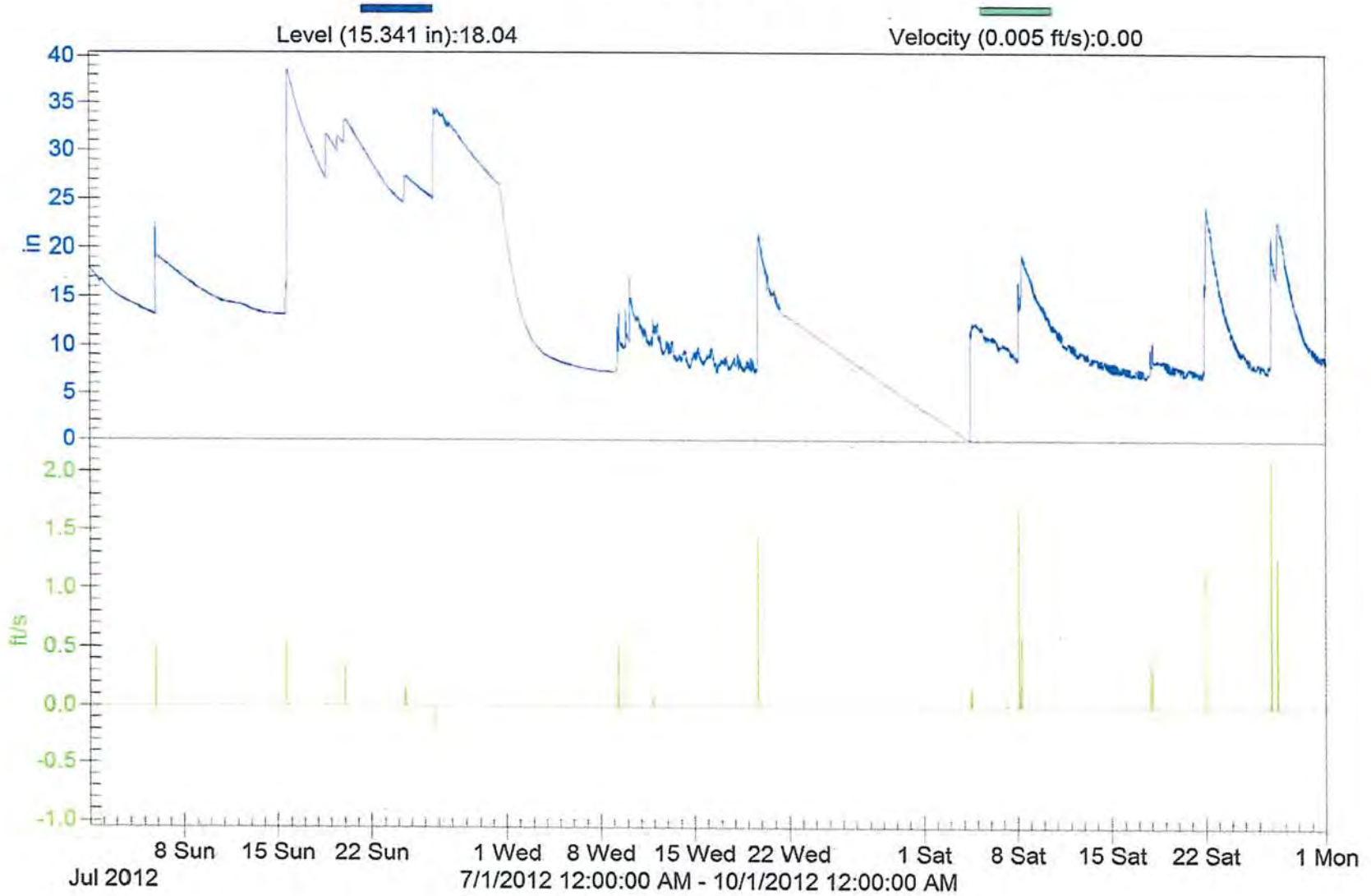
Petzinger

29 June 2012



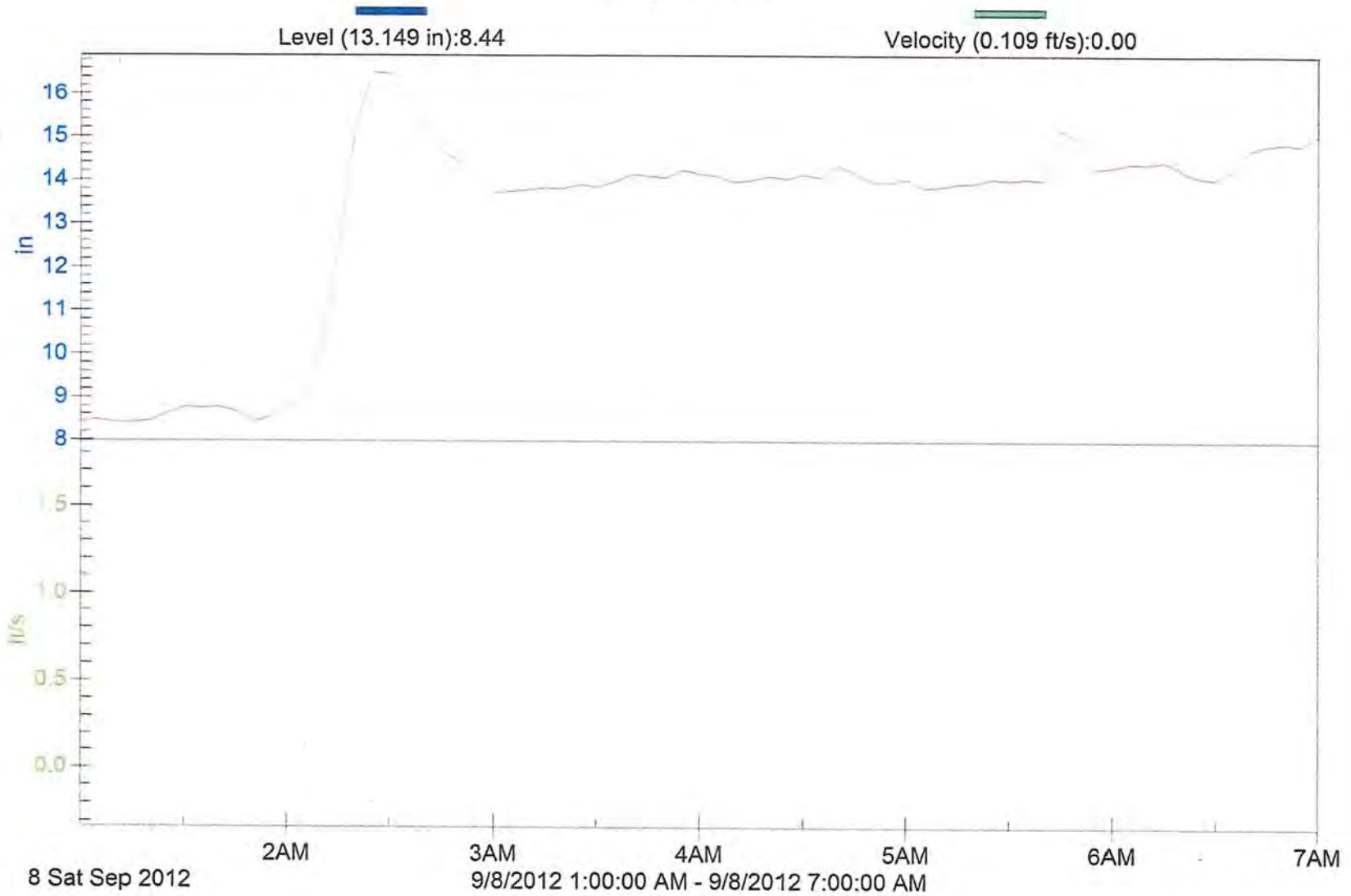
Sawbury Boulevard

Quarter 3 - 2012



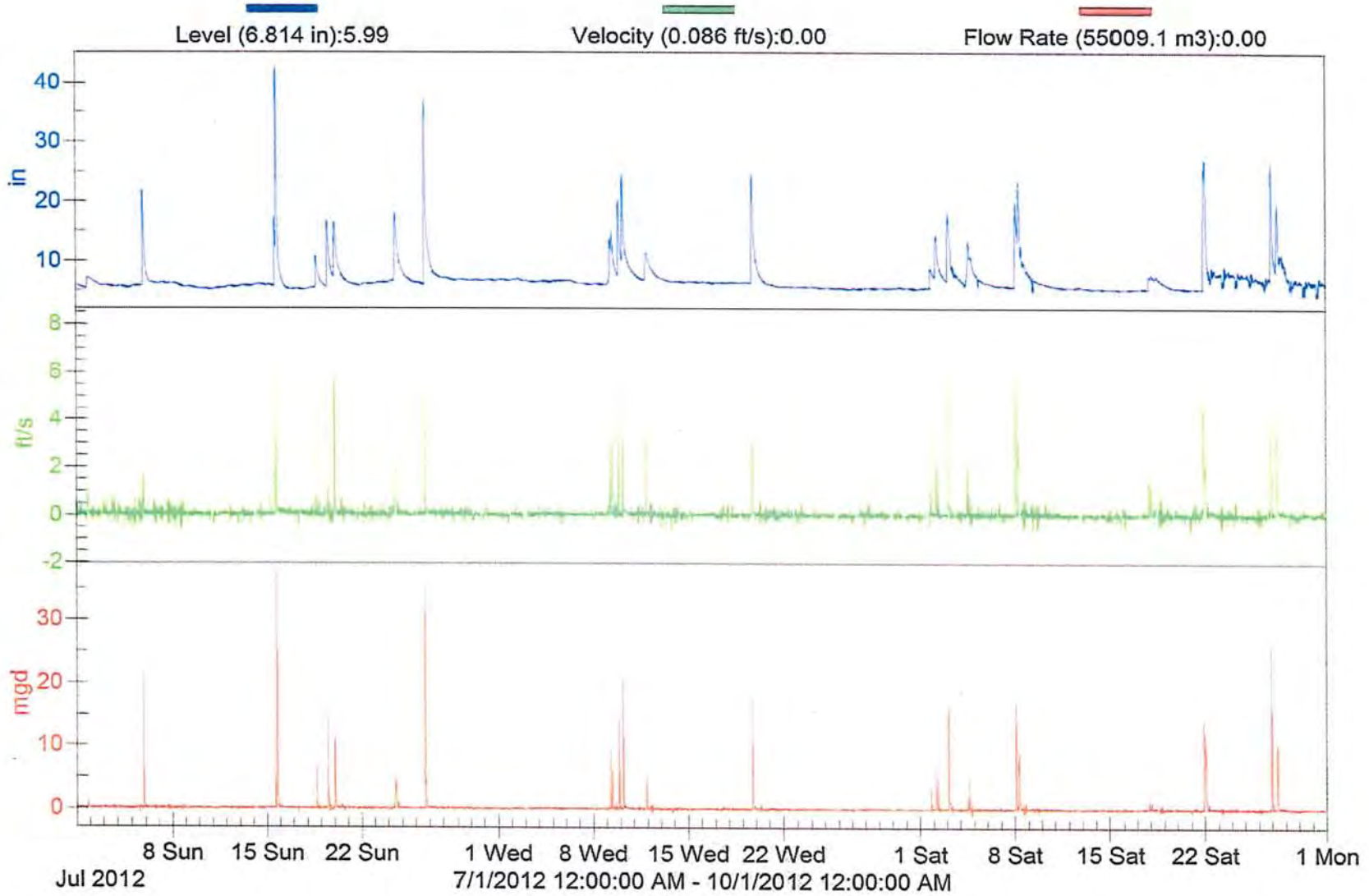
Sawbury Boulevard

08 September 2012



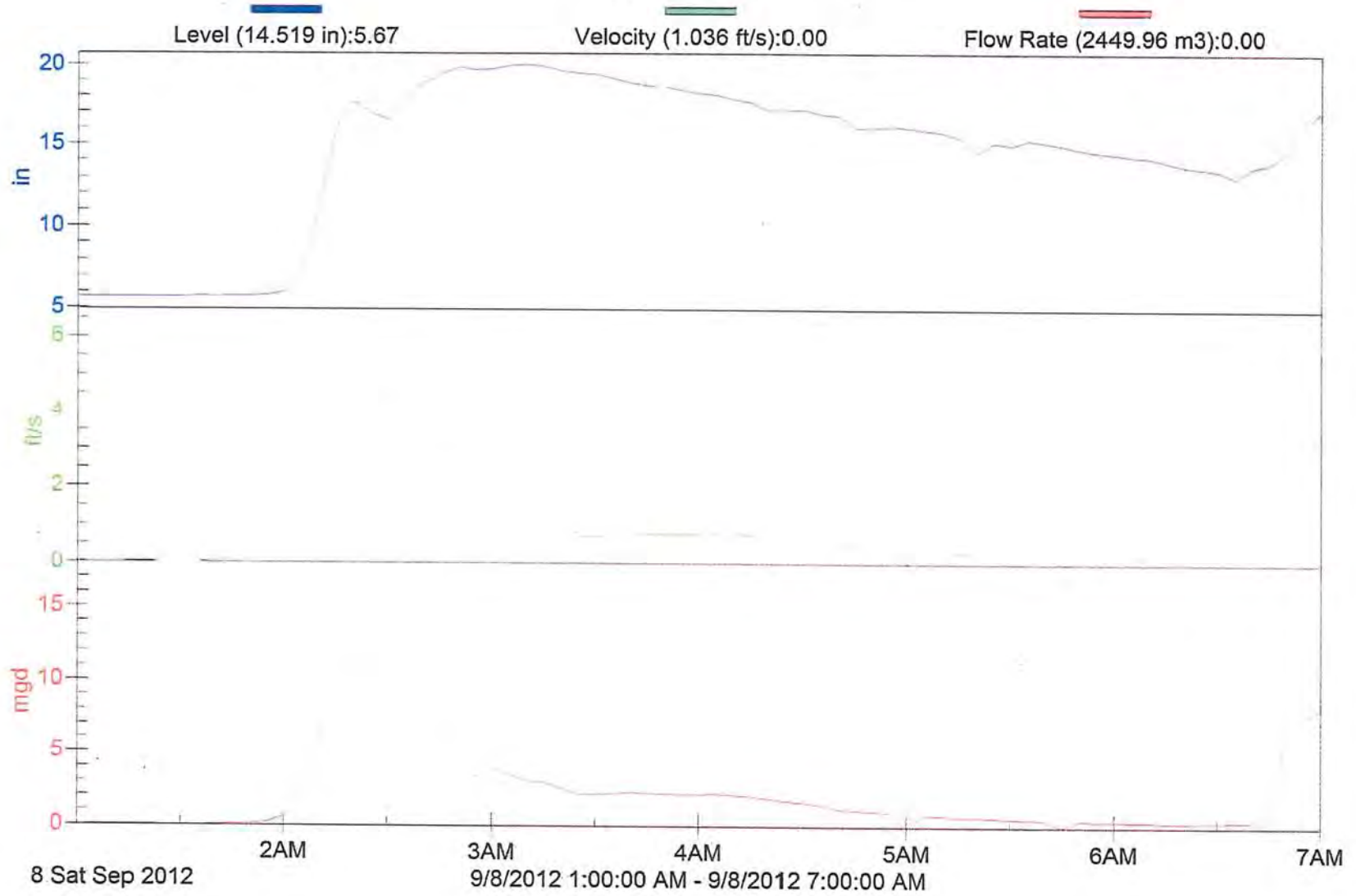
Sawmill Place Boulevard

Quarter 3 - 2012



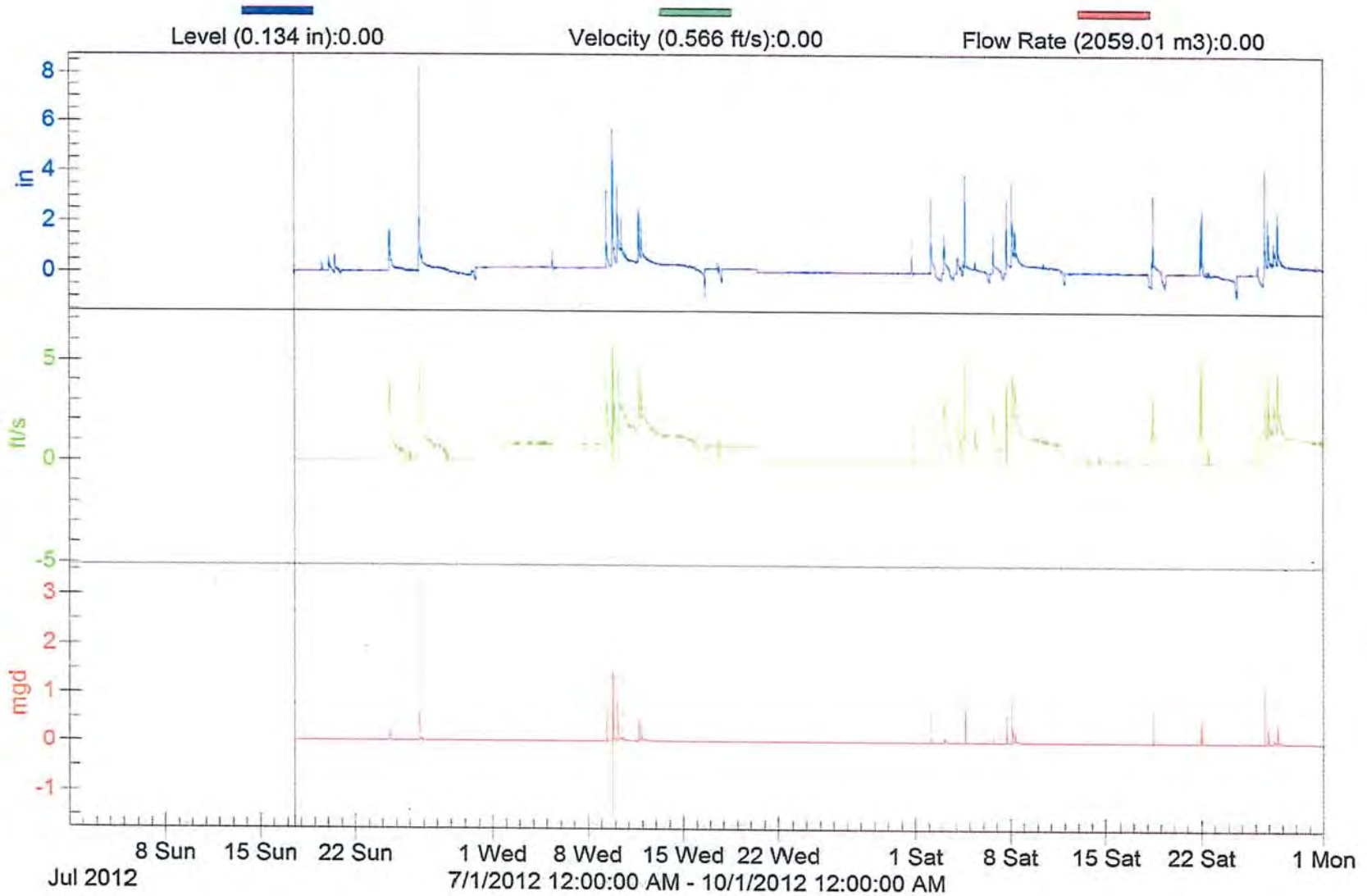
Sawmill Place Boulevard

08 September 2012



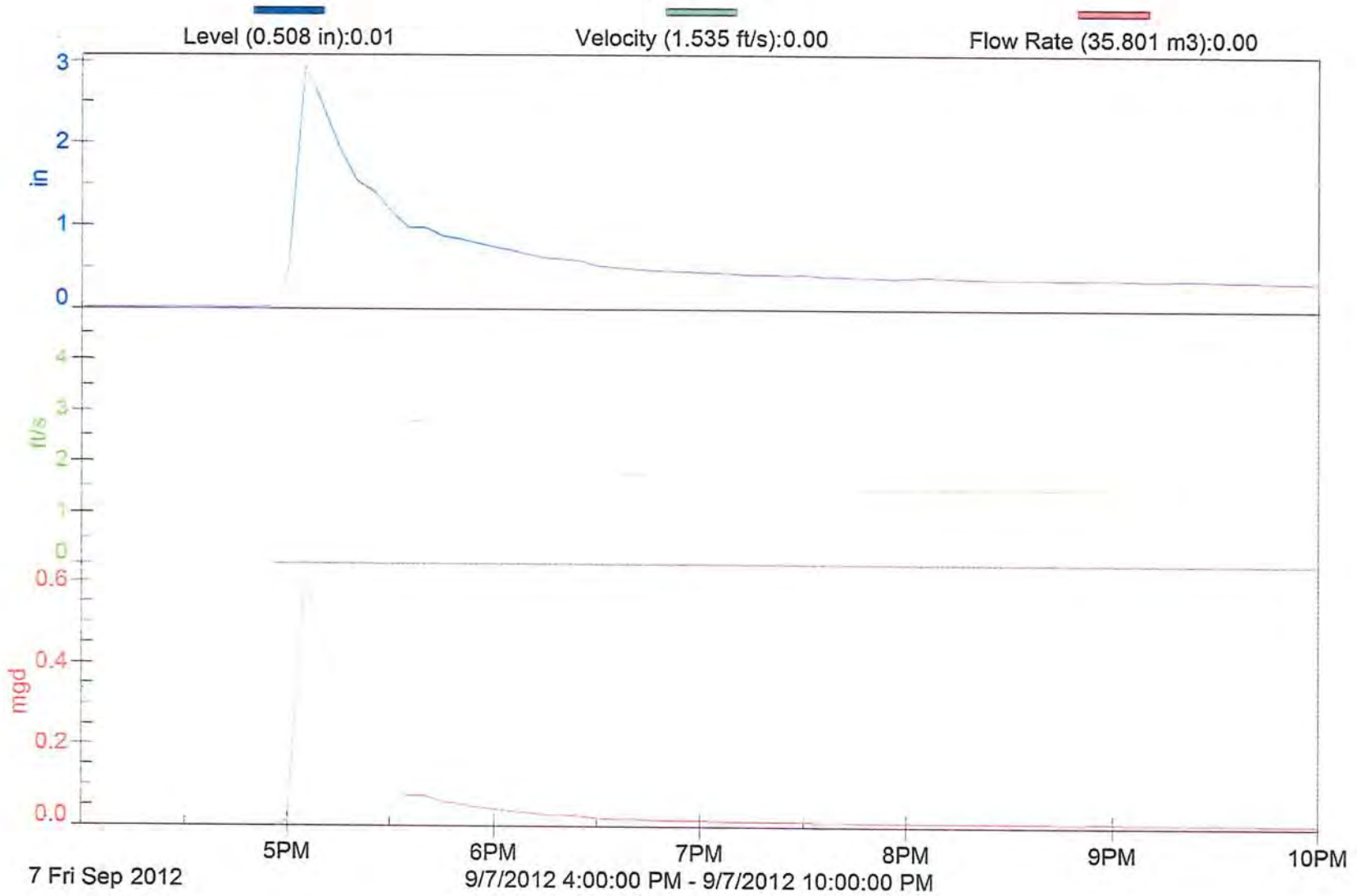
Joyce - 2150

Quarter 3 - 2012



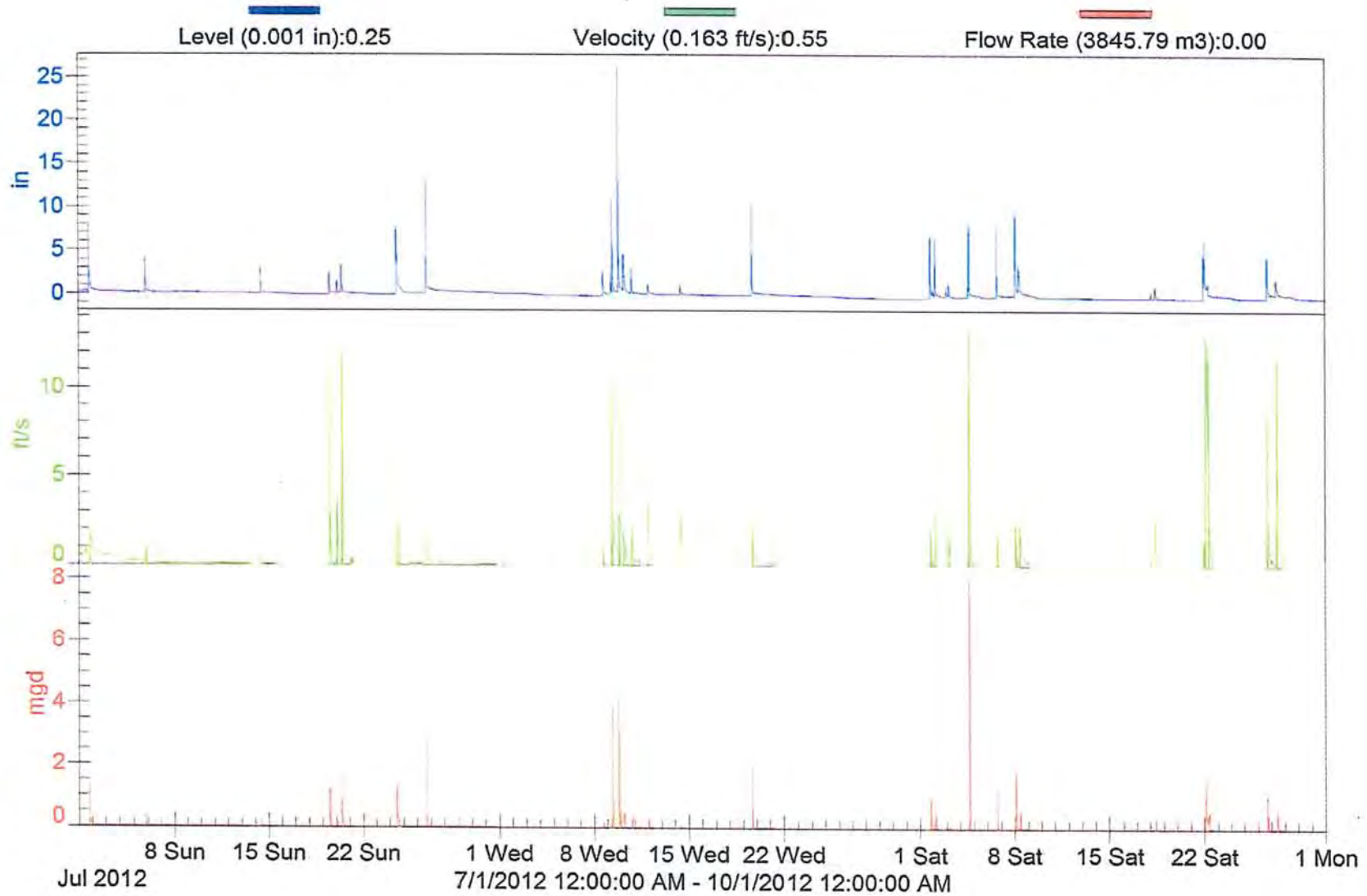
Joyce - 2150

07 September 2012



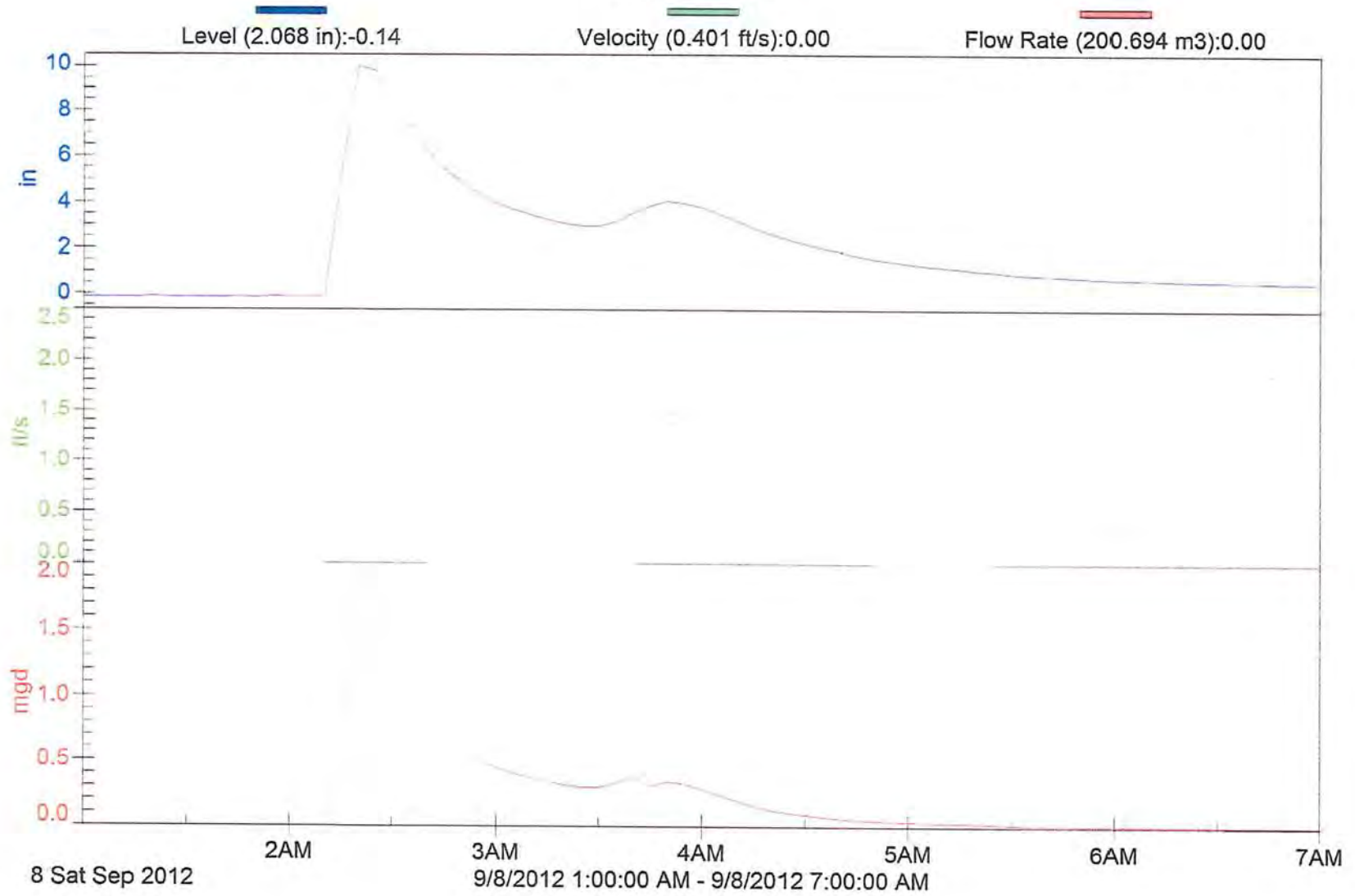
Clarendon Avenue

Quarter 3 - 2012



Clarendon Avenue

08 September 2012



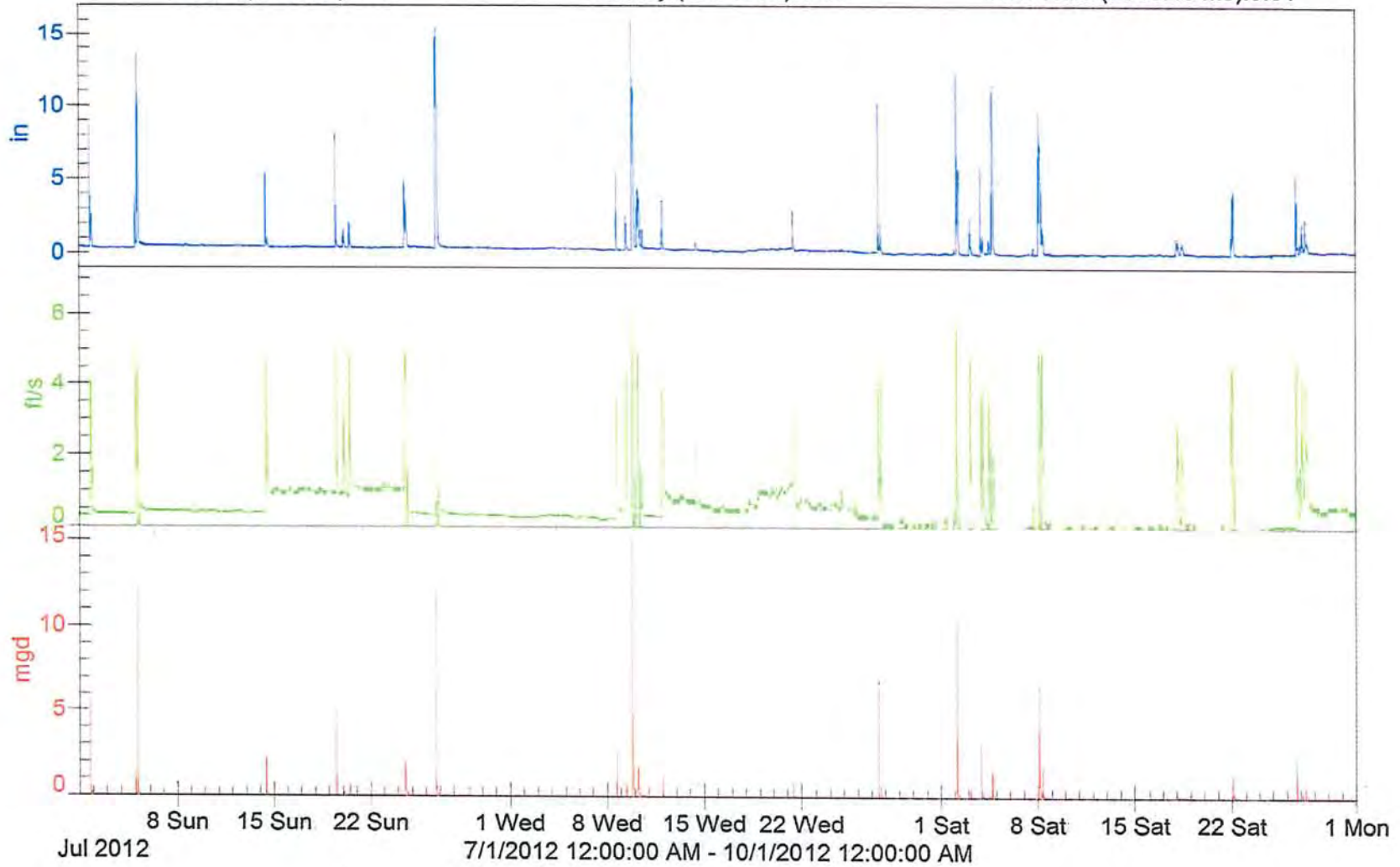
Petzinger Road

Quarter 3 - 2012

Level (0.351 in):0.56

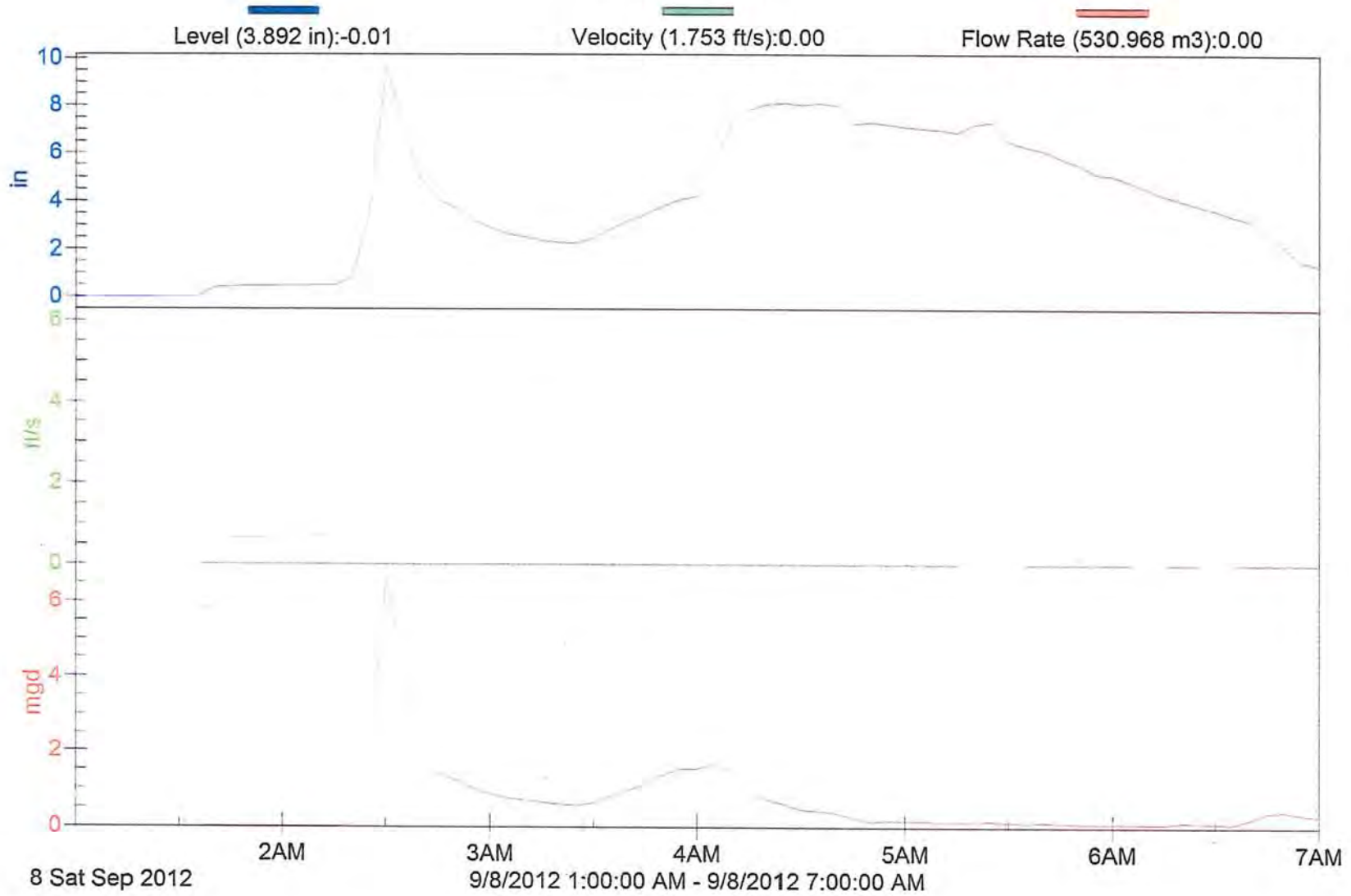
Velocity (0.478 ft/s):0.43

Flow Rate (7805.43 m3):0.01



Petzinger Road

08 September 2012

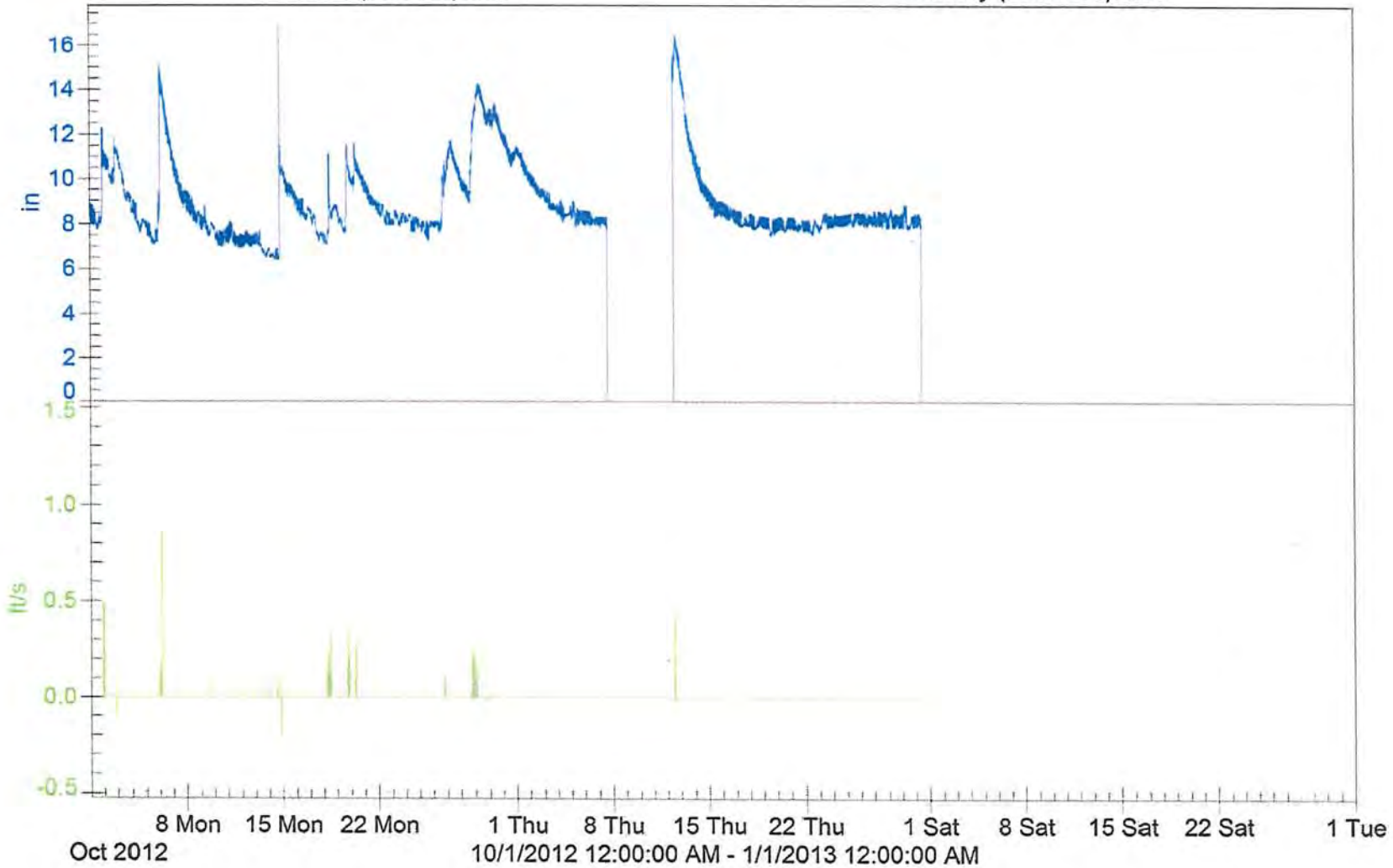


Sawbury Boulevard

Quarter 4 - 2012

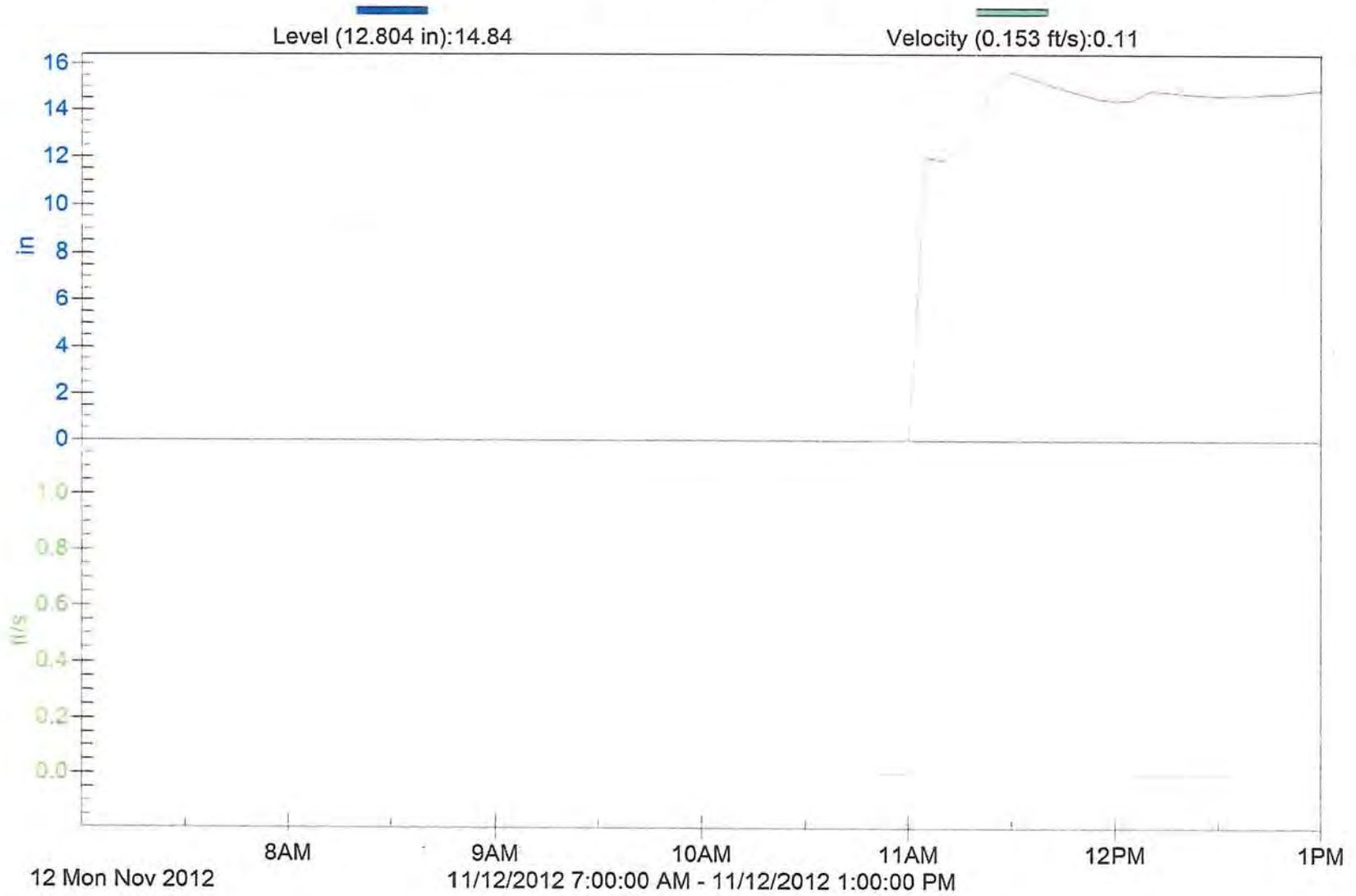
Level (8.964 in):8.34

Velocity (0.004 ft/s):0.00



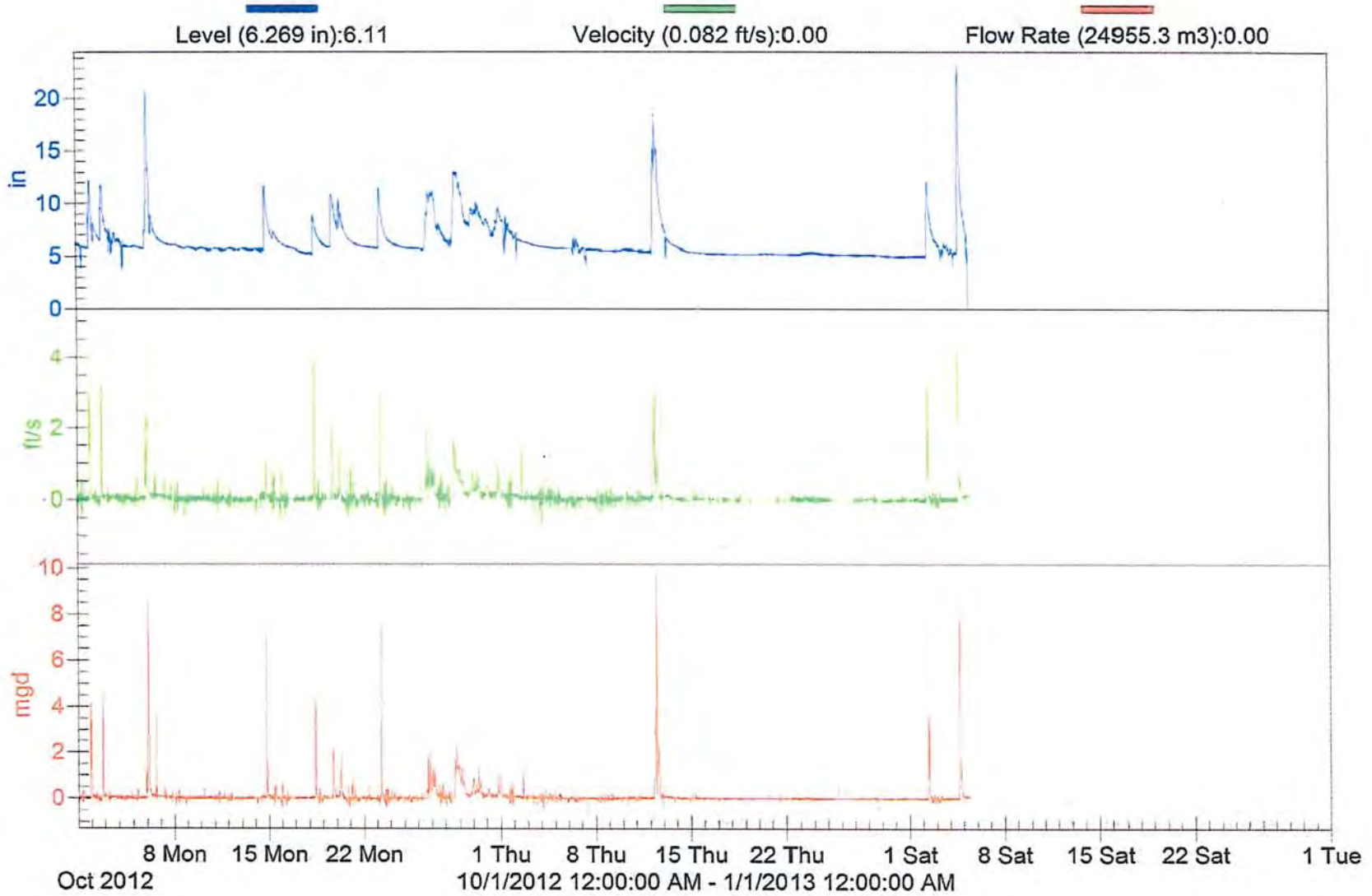
Sawbury Boulevard

12 November 2012



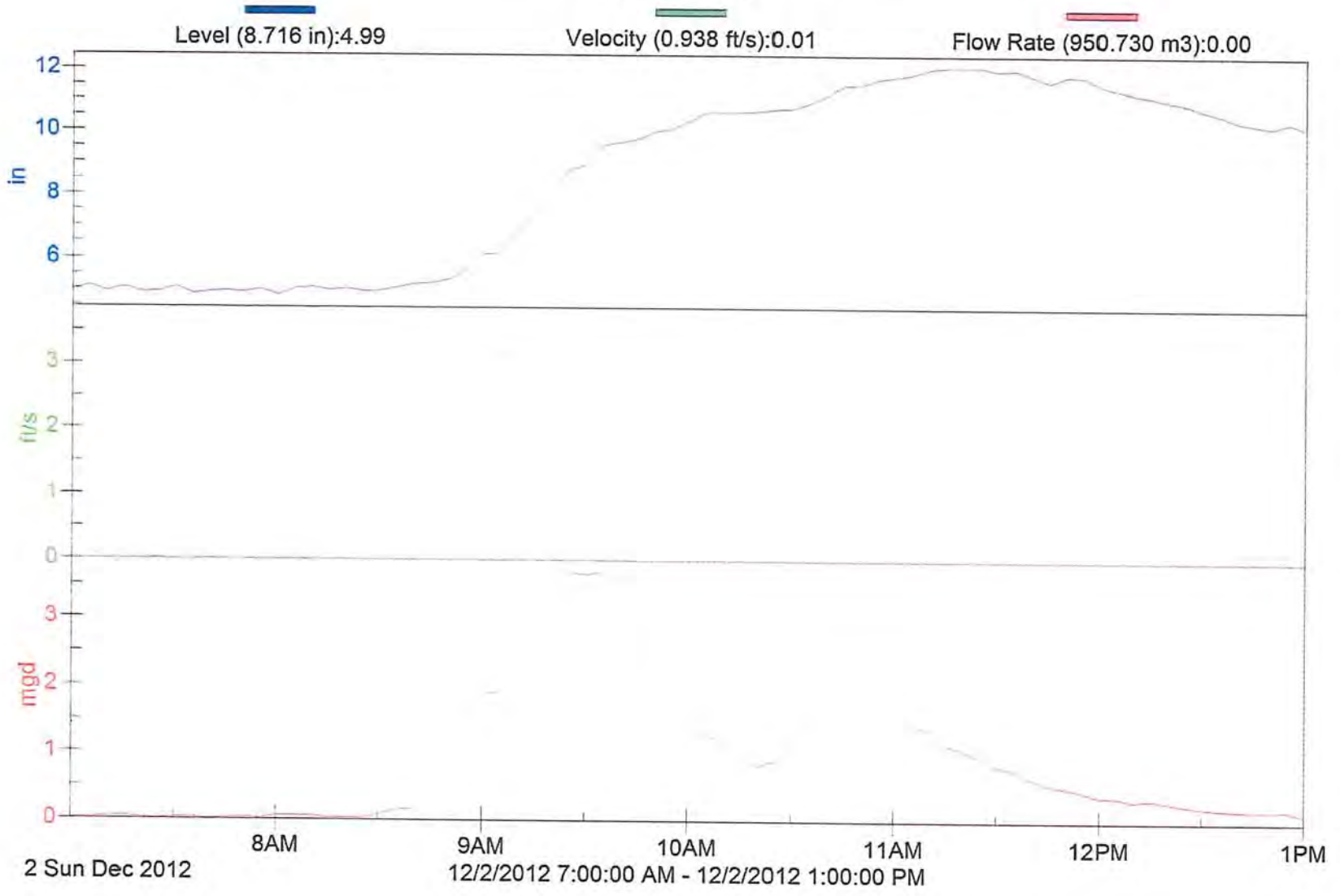
Sawmill Place Boulevard

Quarter 4 - 2012



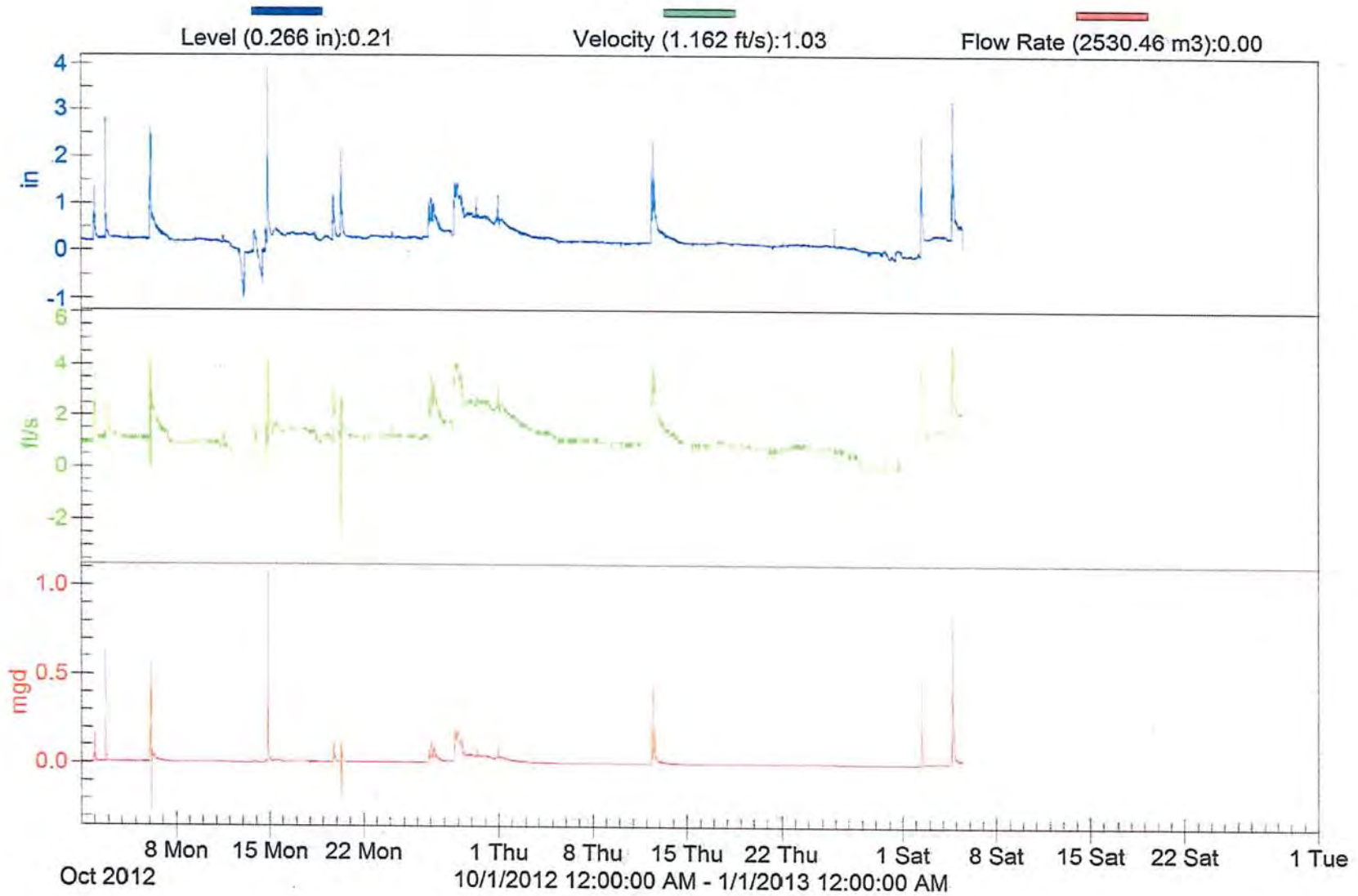
Sawmill Place Boulevard

Quarter 4 - 2012



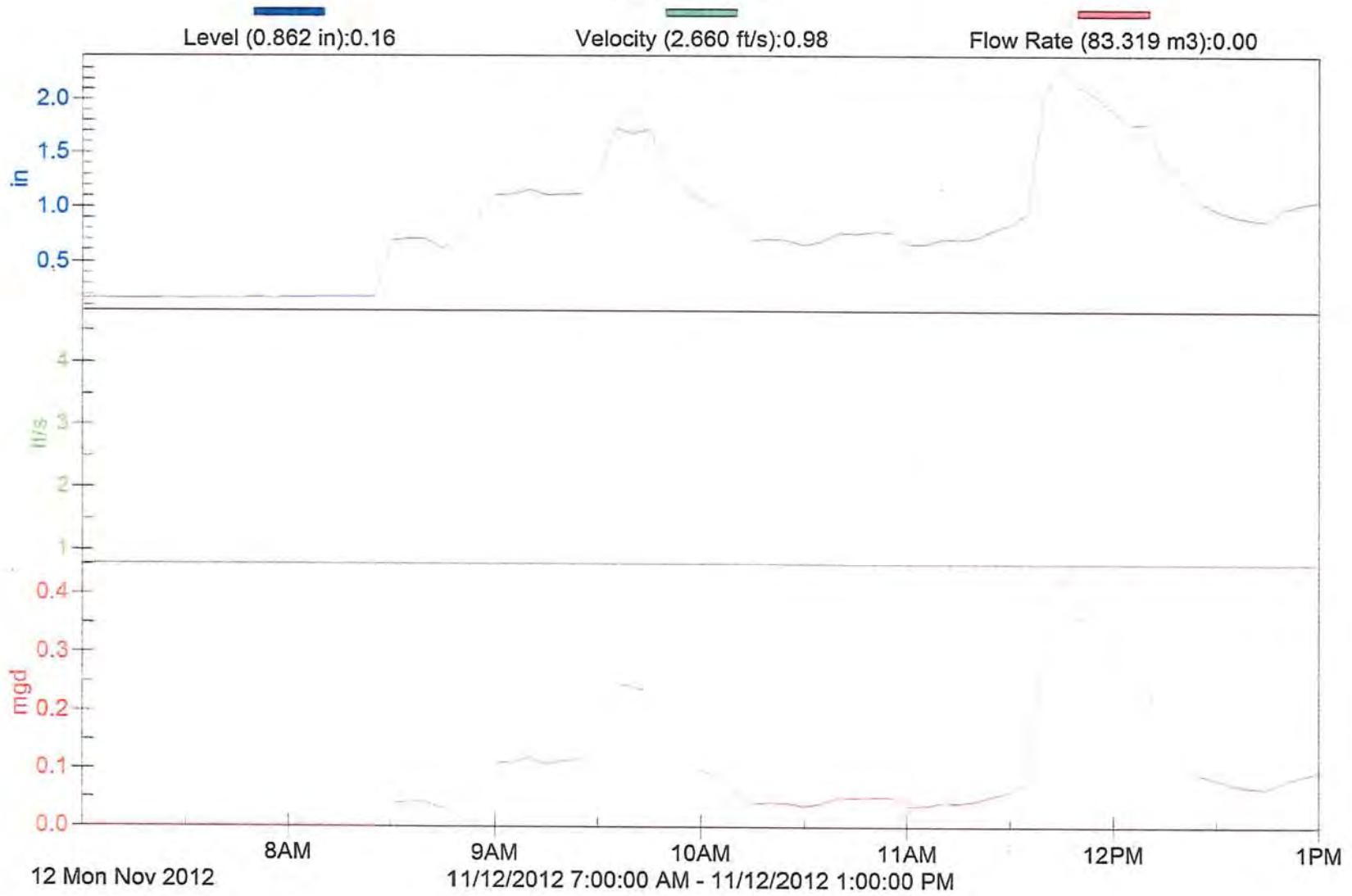
Joyce - 2150

Quarter 4 - 2012



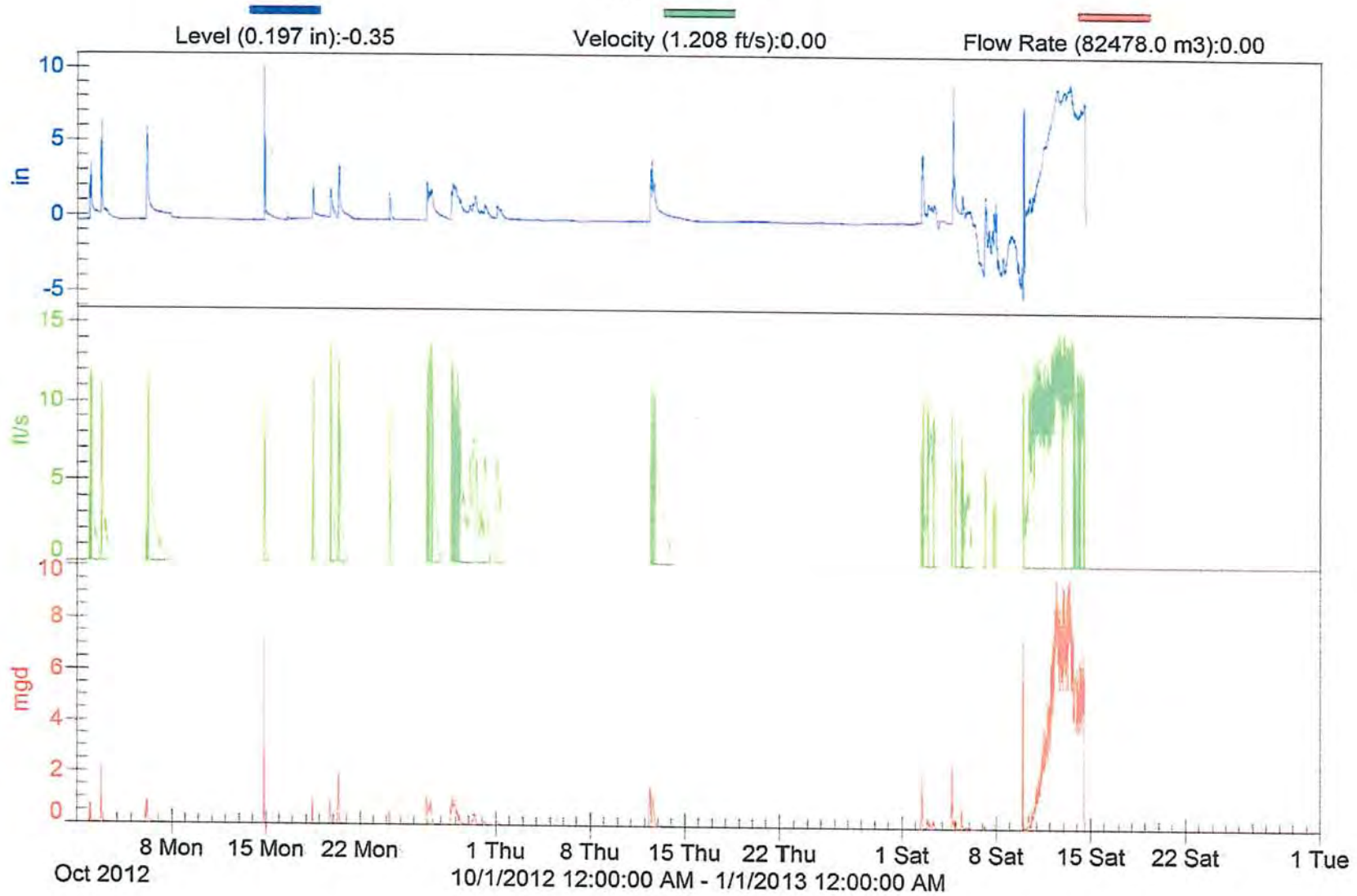
Joyce - 2150

Quarter 4 - 2012



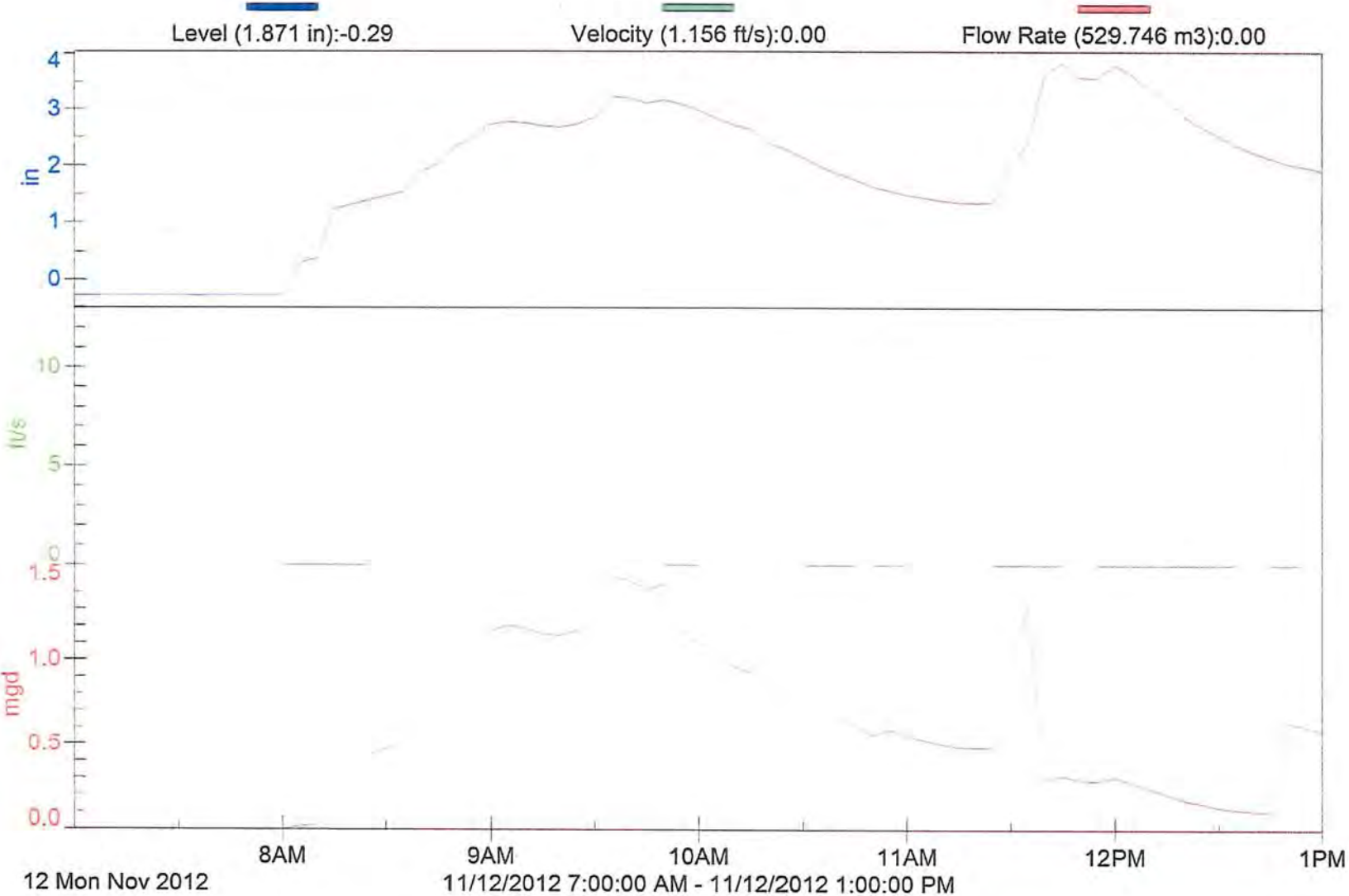
Clarendon Avenue

Quarter 4 - 2012



Clarendon Avenue

Quarter 4 - 2012



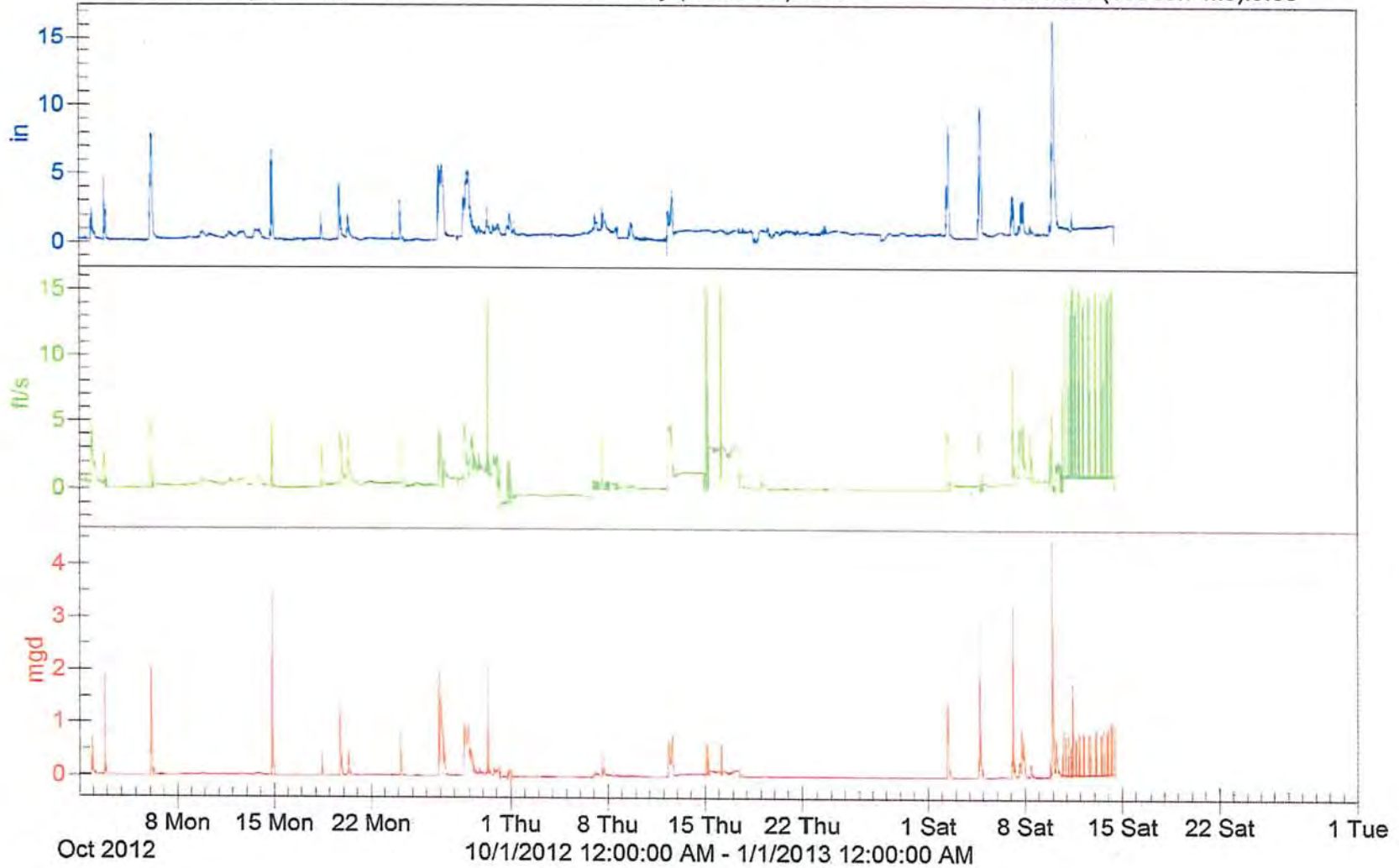
Petzinger Road

Quarter 4 - 2012

Level (0.792 in):0.15

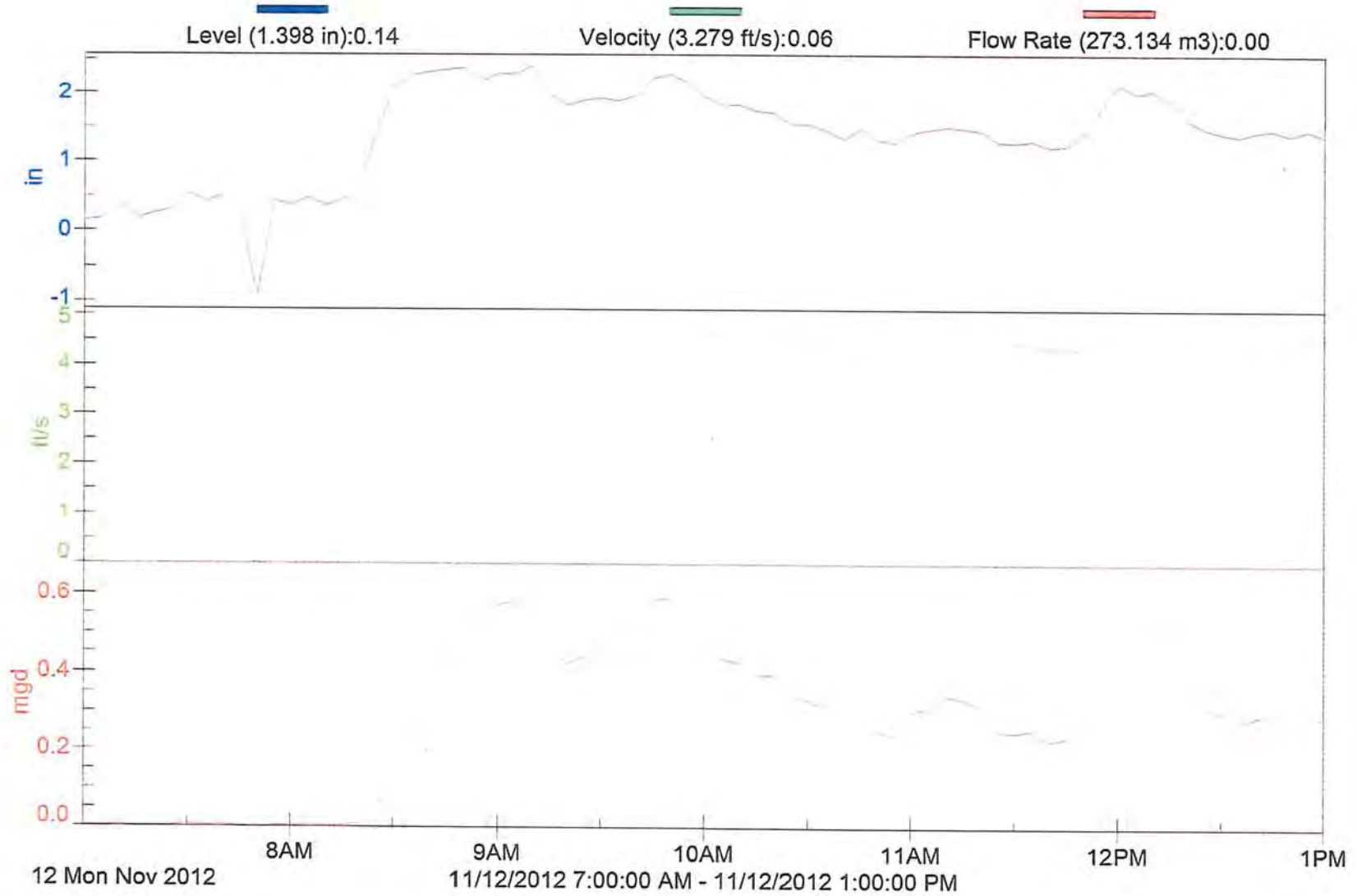
Velocity (0.664 ft/s):0.38

Flow Rate (13960.7 m3):0.00



Petzinger Road

Quarter 4 - 2012



Appendix B

Tables 6 - 12

Table 6
MH-1A (Sawbury Blvd & Warrington Way) Summary of Results
Residential Land Use

Parameter	Units	Site and Storm Event			EMC (Event Mean Concentration)			
		MH-1A	MH-1A	MH-1A	N	Mean (2)	Maximum	Minimum
		06/29/12	09/08/12	11/12/12				
BACTERIA								
Fecal Coliform	#/100ml	493,134	114,953	16,525 ¹	3	208,171	493,135	16,525
E.coli	#/100ml	36,173	23,731	8,425	3	22,777	36,177	8,425
OTHER								
CBOD ₅	mg/l	26.80	4.90	10.70	3	14.13	26.80	4.90
BOD ₅	mg/l	31.30	6.10	11.00	3	16.13	31.30	6.10
COD	mg/l	81.40	17.20	49.00	3	49.20	81.40	17.20
Alkalinity	mg/l	1.70	23.00	46.00	3	23.57	46.00	1.70
Oil & Grease	mg/l	3.70	1.90	<1.00	3	2.20	3.70	1.00
Cyanide, Total	µg/L	<5.50	<5.50	<5.5	3	5.50	5.50	5.50
Hardness	mg/L	22.00	34.00	68.00	3	41.33	68.00	22.00
NUTRIENTS								
Orthophosphate	mg/L	0.06	<0.05	<0.050	3	0.06	0.06	0.05
Total Phosphorus	mg/L	0.34	0.12	0.23	3	0.23	0.34	0.12
Ammonia	mg/L	0.62	0.20	0.15	3	0.32	0.62	0.15
Nitrite	mg/l	<0.05	<0.05	<0.050	3	0.05	0.05	0.05
SOLIDS								
TSS	mg/L	<10	7.50	9.80	3	9.10	10.00	7.50
TOTAL RECOVERABLE METALS								
Cadmium (Cd)	µg/L	<0.0084	0.03	<0.017	3	0.02	0.03	0.01
Chromium (Cr)	µg/L	2.40	0.76	2.00	3	1.72	2.40	0.76
Copper (Cu)	µg/L	10.00	5.20	10.80	3	8.67	10.80	5.20
Lead (Pb)	µg/L	0.59	0.66	0.86	3	0.70	0.86	0.59
Nickel (Ni)	µg/L	1.20	1.20	1.70	3	1.37	1.70	1.20
Zinc (Zn)	µg/L	19.00	22.50	41.10	3	27.53	41.10	19.00
(1) No flow data available due to sensor malfunction, composite calculated from the arithmetic mean.								
(2) The PQL will be used to determine the mean value as necessary.								

Table 7
 MH-02 (Sawmill Place Blvd & Bent Tree Blvd) Summary of Results
 Commercial Land Use

Parameter	Units	Site and Storm Event			EMC (Event Mean Concentration)			
		MH-02	MH-02	MH-02	N	Mean (2)	Maximum	Minimum
		06/29/12	09/08/12	12/02/12				
BACTERIA								
Fecal Coliform	#/100ml	223,900	170,899	5,892	3	133,545	223,916	5,893
E.coli	#/100ml	20,189	31,729	2,722	3	18,209	31,717	2,721
OTHER								
CBOD ₅	mg/l	7.30	5.30	9.60	3	7.40	9.60	5.30
BOD ₅	mg/l	8.30	5.70	11.10	3	8.37	11.10	5.70
COD	mg/l	44.40	19.40	39.00	3	34.27	44.40	19.40
Alkalinity	mg/l	44.00	25.00	29.00	3	32.67	44.00	25.00
Oil & Grease	mg/l	2.60	<1.00	1.20	3	1.60	2.60	1.00
Cyanide, Total	µg/L	<5.50	<5.50	<5.5	3	5.50	5.50	5.50
Hardness	mg/L	120.00	41.00	52.00	3	71.00	120.00	41.00
NUTRIENTS								
Orthophosphate	mg/L	<0.05	<0.05	<0.050	3	0.05	0.05	0.05
Total Phosphorus	mg/L	0.26	0.08	0.15	3	0.16	0.26	0.08
Ammonia	mg/L	0.54	0.21	0.30	3	0.35	0.54	0.21
Nitrite	mg/l	<0.05	<0.05	<0.050	3	0.05	0.05	0.05
SOLIDS								
TSS	mg/L	<10	<5.0	15.00	3	10.00	15.00	5.00
TOTAL RECOVERABLE METALS								
Cadmium (Cd)	µg/L	<0.0084	0.02	0.04	3	0.02	0.04	0.01
Chromium (Cr)	µg/L	2.60	1.20	1.30	3	1.70	2.60	1.20
Copper (Cu)	µg/L	7.20	2.80	6.50	3	5.50	7.20	2.80
Lead (Pb)	µg/L	0.86	<0.52	1.20	3	0.86	1.20	0.52
Nickel (Ni)	µg/L	5.40	4.30	1.90	3	3.87	5.40	1.90
Zinc (Zn)	µg/L	63.00	26.10	57.50	3	48.87	63.00	26.10
(1) No flow data available due to sensor malfunction, event composite sample prepared and analyzed.								
(2) The PQL will be used to determine the mean value as necessary.								

Table 8
MH-03 Joyce Ave & Windsor Ave) Summary of Results
Industrial Land Use

Parameter	Units	Site and Storm Event			EMC (Event Mean Concentration)			
		MH-03	MH-03	MH-03	N	Mean (2)	Maximum	Minimum
		06/29/12	09/07/12	11/12/12				
BACTERIA								
Fecal Coliform	#/100ml	195,714	508,198	33,668 ¹	3	245,849	508,170	33,664
E.coli	#/100ml	25,714	115,284	2,905	3	47,971	115,294	2,904
OTHER								
CBOD ₅	mg/l	22.90	23.70	20.20	3	22.27	23.70	20.20
BOD ₅	mg/l	32.80	35.20	22.00	3	30.00	35.20	22.00
COD	mg/l	157.00	356.00	244.00	3	252.33	356.00	157.00
Alkalinity	mg/l	70.00	360.00	180.00	3	203.33	360.00	70.00
Oil & Grease	mg/l	9.60	8.80	10.00	3	9.47	10.00	8.80
Cyanide, Total	µg/L	<5.50	<5.50	<5.5	3	5.50	5.50	5.50
Hardness	mg/L	200.00	490.00	240.00	3	310.00	490.00	200.00
NUTRIENTS								
Orthophosphate	mg/L	0.05	<0.05	0.08	3	0.06	0.08	0.05
Total Phosphorus	mg/L	0.48	0.64	0.50	3	0.54	0.64	0.48
Ammonia	mg/L	0.62	0.47	0.18	3	0.42	0.62	0.18
Nitrite	mg/l	0.05	0.05	0.05	3	0.05	0.05	0.05
SOLIDS								
TSS	mg/L	220.00	660.00	390.00	3	423.33	660.00	220.00
TOTAL RECOVERABLE METALS								
Cadmium (Cd)	µg/L	3.90	9.40	4.60	3	5.97	9.40	3.90
Chromium (Cr)	µg/L	15.70	17.70	17.00	3	16.80	17.70	15.70
Copper (Cu)	µg/L	86.10	129.00	99.70	3	104.93	129.00	86.10
Lead (Pb)	µg/L	67.10	140.00	89.20	3	98.77	140.00	67.10
Nickel (Ni)	µg/L	15.90	26.30	15.90	3	19.37	26.30	15.90
Zinc (Zn)	µg/L	660.00	1760.00	804.00	3	1074.67	1760.00	660.00
(1) No flow data available due to sensor malfunction, composite calculated from the arithmetic mean.								
(2) The PQL will be used to determine the mean value as necessary.								

Table 9
MH-4B (Clarendon Ave & Alley South of Fairfield Place) Summary of Results
High Density Residential Land Use

Parameter	Units	Site and Storm Event			EMC (Event Mean Concentration)			
		MH-4B	MH-4B	MH-4B	N	Mean (2)	Maximum	Minimum
		06/29/12	09/08/12	11/12/12				
BACTERIA								
Fecal Coliform	#/100ml	577,080	592,683	46,114	3	405,299	592,688	46,116
E.coli	#/100ml	577,080	293,193	21,131	3	297,139	577,092	21,131
OTHER								
CBOD ₅	mg/l	39.50	7.50	45.20	3	30.73	45.20	7.50
BOD ₅	mg/l	43.90	9.20	48.20	3	33.77	48.20	9.20
COD	mg/l	127.00	33.40	132.00	3	97.47	132.00	33.40
Alkalinity	mg/l	44.00	42.00	54.00	3	46.67	54.00	42.00
Oil & Grease	mg/l	2.70	<1.0	1.30	3	2.00	2.70	1.30
Cyanide, Total	µg/L	8.70	<5.50	<5.5	3	6.57	8.70	5.50
Hardness	mg/L	84.00	68.00	70.00	3	74.00	84.00	68.00
NUTRIENTS								
Orthophosphate	mg/L	0.16	<0.05	0.25	3	0.15	0.25	0.05
Total Phosphorus	mg/L	0.53	0.28	0.60	3	0.47	0.60	0.28
Ammonia	mg/L	0.94	0.22	0.28	3	0.48	0.94	0.22
Nitrite	mg/l	0.08	<0.05	<0.050	3	0.07	0.08	0.05
SOLIDS								
TSS	mg/L	110.00	110.00	30.00	3	83.33	110.00	30.00
TOTAL RECOVERABLE METALS								
Cadmium (Cd)	µg/L	0.15	0.12	0.09	3	0.12	0.15	0.09
Chromium (Cr)	µg/L	2.30	1.10	2.70	3	2.03	2.70	1.10
Copper (Cu)	µg/L	14.70	7.70	12.40	3	11.60	14.70	7.70
Lead (Pb)	µg/L	20.40	15.00	9.00	3	14.80	20.40	9.00
Nickel (Ni)	µg/L	4.00	2.60	3.10	3	3.23	4.00	2.60
Zinc (Zn)	µg/L	90.00	49.50	62.20	3	67.23	90.00	49.50
(1) No flow data available due to sensor malfunction, event composite sample prepared and analyzed.								
(2) The PQL will be used to determine the mean value as necessary.								

Table 10
MH-05 (Petzinger Rd & Courtright Rd) Summary of Results
Multi-Family Residential Land Use

Parameter	Units	Site and Storm Event			EMC (Event Mean Concentration)			
		MH-05	MH-05	MH-05	N	Mean (2)	Maximum	Minimum
		06/29/12	09/08/12	11/12/12				
BACTERIA								
Fecal Coliform	#/100ml	430,707	322,032	305,380	3	352,696	430,714	305,344
E.coli	#/100ml	19,021	49,325	52,441	3	40,260	52,436	19,021
OTHER								
CBOD ₅	mg/l	11.00	6.80	14.20	3	10.67	14.20	6.80
BOD ₅	mg/l	12.20	7.80	19.60	3	13.20	19.60	7.80
COD	mg/l	60.70	<10.0	73.30	3	48.00	73.30	10.00
Alkalinity	mg/l	22.00	25.00	42.00	3	29.67	42.00	22.00
Oil & Grease	mg/l	3.20	<1.0	2.00	3	2.07	3.20	1.00
Cyanide, Total	µg/L	6.70	<5.50	<5.5	3	5.90	6.70	5.50
Hardness	mg/L	63.00	44.00	59.00	3	55.33	63.00	44.00
NUTRIENTS								
Orthophosphate	mg/L	0.06	<0.05	<0.050	3	0.05	0.06	0.05
Total Phosphorus	mg/L	0.35	0.15	0.27	3	0.26	0.35	0.15
Ammonia	mg/L	0.64	0.18	0.15	3	0.32	0.64	0.15
Nitrite	mg/l	<0.05	<0.05	<0.050	3	0.05	0.05	0.05
SOLIDS								
TSS	mg/L	53.00	28.00	52.00	3	44.33	53.00	28.00
TOTAL RECOVERABLE METALS								
Cadmium (Cd)	µg/L	0.07	0.05	0.07	3	0.06	0.07	0.05
Chromium (Cr)	µg/L	2.90	1.80	2.40	3	2.37	2.90	1.80
Copper (Cu)	µg/L	10.40	6.10	9.50	3	8.67	10.40	6.10
Lead (Pb)	µg/L	3.60	2.00	3.50	3	3.03	3.60	2.00
Nickel (Ni)	µg/L	2.40	1.80	2.40	3	2.20	2.40	1.80
Zinc (Zn)	µg/L	43.00	31.40	54.50	3	42.97	54.50	31.40
(1) No flow data available due to sensor malfunction, event composite sample prepared and analyzed.								
(2) The PQL will be used to determine the mean value as necessary.								

Table 11
Summary of Average 2012 Event Mean Concentrations (EMC)

Parameter	Units	Site				
		MH-1A	MH-02	MH-03	MH-4B	MH-05
		Medium Density Residential	Commercial	Industrial	High Density Residential	Multi-family Residential
BACTERIA						
Fecal Coliform	#/100ml	208,171	133,545	245,849	405,299	352,696
E.coli	#/100ml	22,777	18,209	47,971	297,139	40,260
OTHER						
CBOD ₅	mg/l	14.13	7.40	22.27	30.73	10.67
BOD ₅ *	mg/l	16.13	8.37	30.00	33.77	13.20
COD	mg/l	49.20	34.27	252.33	97.47	48.00
Alkalinity	mg/l	23.57	32.67	203.33	46.67	29.67
Oil & Grease*	mg/l	2.20	1.60	9.47	2.00	2.07
Cyanide, Total*	µg/L	5.50	5.50	5.50	6.57	5.90
Hardness	mg/L	41.33	71.00	310.00	74.00	55.33
NUTRIENTS						
Orthophosphate*	mg/L	0.06	0.05	0.06	0.15	0.05
Total Phosphorus*	mg/L	0.23	0.16	0.54	0.47	0.26
Ammonia*	mg/L	0.32	0.35	0.42	0.48	0.32
Nitrite*	mg/l	0.05	0.05	0.05	0.07	0.05
SOLIDS						
TSS*	mg/L	9	10	423	83	44
TOTAL RECOVERABLE METALS						
Cadmium (Cd)*	µg/L	0.02	0.02	5.97	0.12	0.06
Chromium (Cr)	µg/L	1.72	1.70	16.80	2.03	2.37
Copper (Cu)	µg/L	8.67	5.50	104.93	11.60	8.67
Lead (Pb)	µg/L	0.70	0.86	98.77	14.80	3.03
Nickel (Ni)	µg/L	1.37	3.87	19.37	3.23	2.20
Zinc (Zn)	µg/L	27.53	48.87	1074.67	67.23	42.97
* The PQL value was used for one or more quarterly measurements and therefore used to determine the mean value						

Table 12
Comparison of 2007 - 2012 Average Event Mean Concentrations - City Sites

Parameter	Units	Site																																		
		MH-1A							MH-02							MH-03							MH-4B							MH-05						
		Medium Density Residential Land Use							Commercial Land Use							Industrial Land Use							High Density Residential Land Use							Multi-family Residential Land Use						
		2007	2008	2009	2010	2011	2012	Mean	2007	2008	2009	2010	2011	2012	Mean	2007	2008	2009	2010	2011	2012	Mean	(1)	2008	2009	2010	2011	2012	Mean	2007	2008	2009	2010	2011	2012	Mean
BACTERIA																																				
Fecal Coliform	#/100ml	29933	1872	1940	23729	1622	208171	44544	17347	1872	32039	7838	12708	133545	14361	36040	18453	3097	27803	14022	245849	21023		62241	22444	42709	3531	405299	32731	13565	7197	3645	43786	16988	352696	17036
E.coli	#/100ml	14733	1469	1322	15606	2720	22777	9771	14293	1469	24732	5339	8545	18209	10875	13078	15543	2548	20242	10336	47971	12852		52081	15145	30302	1967	297139	24874	6333	5349	2829	29738	12593	40260	11368
OTHER																																				
CBOD ₅	mg/l	9.60	15.20	5.45	14.18	17.31	14.13	12.64	8.47	9.95	4.70	8.63	5.48	7.40	7.44	8.53	19.40	19.25	32.70	15.00	22.27	14.69		53.50	9.63	36.13	7.93	30.73	26.80	11.13	14.50	3.29	14.93	15.22	10.67	11.81
BOD ₅ *	mg/l	10.87	25.23	20.29	16.70	4.80	16.13	15.67	10.97	11.20	6.78	10.25	6.13	8.37	9.06	12.68	30.95	24.03	35.13	15.50	30.00	18.47		59.50	12.38	40.90	8.73	33.77	30.38	11.38	22.80	7.38	16.98	4.85	13.20	12.68
COD	mg/l	36.24	73.70	27.54	58.80	18.41	49.20	43.98	50.53	59.84	36.99	49.12	45.42	34.27	48.38	211.23	307.05	205.70	237.34	183.76	252.33	174.40		181.51	39.20	193.32	47.76	97.47	115.45	90.21	69.40	43.95	83.40	22.27	48.00	61.85
Alkalinity	mg/l	95	47	33	61	81	24	57	56	34	46	40	51	33	45	129	179	200	125	143	203	122		56	50	76	67	47	62	58	81	49	52	117	30	71
Oil & Grease*	mg/l	1.51	2.60	11.81	1.20	0.47	2.20	3.30	2.54	3.46	8.75	14.15	4.18	1.60	6.62	8.13	13.75	10.63	5.90	8.63	9.47	7.45		2.55	2.95	2.73	1.97	2.00	2.55	4.28	3.70	2.95	2.88	1.81	2.07	3.12
Cyanide, Total*	µg/L	3.83	4.20	14.40	3.35	1.58	5.50	5.48	4.87	5.63	5.90	3.50	0.86	5.50	4.15	3.93	6.75	5.50	6.50	1.06	5.50	4.55		4.20	4.28	4.45	0.88	6.57	3.45	3.16	4.20	4.20	3.23	0.67	5.90	3.09
Hardness	mg/L	159	73	61	112	154	41	100	130	84	80	75	105	71	95	289	338	213	185	258	310	202		105	58	94	102	74	90	116	98	64	83	203	55	113
NUTRIENTS																																				
Orthophosphate*	mg/L	0.13	0.16	0.10	0.08	0.06	0.06	0.10	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	0.15	0.06	0.08	0.06	0.08		0.65	0.11	0.24	0.06	0.15	0.26	0.10	0.13	0.08	0.06	0.05	0.05	0.08
Total Phosphorus*	mg/L	0.24	0.29	0.23	0.18	0.21	0.23	0.23	0.11	0.09	0.07	0.09	0.13	0.16	0.10	0.42	0.57	0.45	0.29	0.30	0.54	0.33		0.84	0.27	0.64	0.26	0.47	0.50	0.11	0.26	0.13	0.15	0.14	0.26	0.16
Ammonia*	mg/L	0.36	0.47	0.24	0.36	0.45	0.32	0.37	1.44	0.43	0.16	0.44	0.51	0.35	0.60	0.71	0.55	0.23	0.65	0.54	0.42	0.49		0.51	0.19	0.49	0.41	0.48	0.40	0.29	0.34	0.15	0.42	0.43	0.32	0.32
Nitrite*	mg/l	0.06	0.06	0.05	0.09	0.05	0.05	0.06	0.06	0.07	0.05	0.11	0.06	0.05	0.07	0.05	0.09	0.11	0.06	0.06	0.05	0.07		0.08	0.05	0.11	0.05	0.07	0.07	0.05	0.05	0.05	0.09	0.05	0.05	0.06
SOLIDS																																				
TSS*	mg/L	22	23	17	46	15	9	22	21	27	15	26	22	10	22	244	443	355	181	180	423	211		49	59	104	24	83	59	54	41	57	54	15	44	44
TOTAL RECOVERABLE METALS																																				
Cadmium (Cd)*	µg/L	0.10	0.03	0.05	0.07	0.05	0.02	0.05	0.08	0.09	0.04	0.06	0.11	0.02	0.08	5.09	5.57	4.96	4.30	5.48	5.97	3.65		0.22	0.13	0.22	0.12	0.12	0.17	0.16	0.09	0.06	0.13	0.08	0.06	0.10
Chromium (Cr)	µg/L	0.85	1.40	1.35	1.88	1.05	1.72	1.37	3.81	2.68	2.78	3.05	2.30	1.70	2.92	12.23	8.58	15.85	14.07	7.98	16.80	8.65		1.85	1.75	3.08	2.07	2.03	2.19	1.72	1.63	2.10	2.28	1.29	2.37	1.80
Copper (Cu)	µg/L	17.82	15.78	9.70	16.90	6.63	8.67	12.58	8.66	8.98	5.12	7.83	7.48	5.50	7.61	118.28	79.55	83.78	76.43	66.85	104.93	62.52		12.55	8.15	17.28	8.43	11.60	11.60	11.48	12.16	6.79	12.78	6.55	8.67	9.95
Lead (Pb)	µg/L	1.49	1.80	1.73	2.38	0.69	0.70	1.46	4.43	3.98	1.43	3.30	1.34	0.86	2.89	118.25	70.68	93.75	67.83	82.33	98.77	64.58		11.00	12.80	26.53	14.13	14.80	16.11	3.48	2.82	2.24	4.55	1.79	3.03	2.98
Nickel (Ni)	µg/L	3.10	3.01	2.12	4.03	2.93	1.37	2.76	3.97	3.98	2.93	3.25	3.13	3.87	3.45	19.78	20.88	15.93	14.20	16.25	19.37	13.14		6.36	3.15	5.18	3.60	3.23	4.57	3.61	3.71	2.40	4.58	3.60	2.20	3.58
Zinc (Zn)	µg/L	42.77	49.65	54.55	45.03	23.90	27.53	40.57	75.40	87.38	47.03	73.15	43.18	48.87	65.23	975.75	964.25	901.50	763.00	1137.50	1074.67	687.30		94.75	48.83	100.25	51.33	67.23	73.79	54.75	62.48	32.90	55.20	21.08	42.97	45.28

* The PQL value was used for one or more quarterly measurements and therefore used to determine the average value

(1) Sampling location not used in 2007

Appendix C

Flow Data Composite Flow Calculations

Site:		Sawbury Boulevard			Volume, mgal	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	6/29/2012 17:55	19.72	2.12	11.4009	0.039586302				
	6/29/2012 18:00	19.80	2.12	11.4674	0.039817472				
Hr. 0.25	6/29/2012 18:05	19.88	2.12	11.5287	0.040030191	1	0.11943397	0.921	
	6/29/2012 18:10	19.88	2.12	11.5287	0.040030191				
Hr. 0.50	6/29/2012 18:15	19.88	2.12	11.5287	0.040030191				
	6/29/2012 18:20	19.98	2.12	11.6016	0.040283295	2	0.12034368	0.928	
Hr. 1.0	6/29/2012 18:25	20.02	2.12	11.6388	0.040412542				
	6/29/2012 18:30	20.06	2.12	11.6691	0.040517556				
Hr. 1.5	6/29/2012 18:35	20.14	2.12	11.7304	0.040730472				
	6/29/2012 18:40	20.16	2.12	11.7420	0.040770931	3	0.16243150	1.253	
Hr. 2.0	6/29/2012 18:45	20.16	2.12	11.7420	0.040770931				
	6/29/2012 18:50	20.24	2.12	11.8096	0.041005604				
Hr. 2.5	6/29/2012 18:55	20.26	2.12	11.8220	0.041048760				
	6/29/2012 19:00	20.30	2.12	11.8523	0.041153958				
Hr. 3.0	6/29/2012 19:05	20.28	2.12	11.8399	0.041110802				
	6/29/2012 19:10	20.24	2.12	11.8096	0.041005604	4	0.24609566	1.898	
Hr. 3.5					0.000000000				
					0.000000000				
Hr. 4.0					0.000000000				
					0.000000000				
Hr. 4.5					0.000000000				
					0.000000000				
Hr. 5.0					0.000000000				
					0.000000000	5	0.00000000	0.000	
Hr. 5.5					0.000000000				
					0.000000000				
Hr. 6.0					0.000000000				
					0.000000000				
Hr. 6.5					0.000000000				
					0.000000000				
Hr. 7.0					0.000000000				
					0.000000000	6	0.00000000	0.000	
Hr. 7.5					0.000000000				
					0.000000000				
Hr. 8.0					0.000000000				
					0.000000000				
Hr. 8.5					0.000000000				
					0.000000000				
Hr. 9.0					0.000000000				
					0.000000000	7	0.00000000	0.000	
Hr. 9.5					0.000000000				
					0.000000000				
Hr. 10.0					0.000000000				
					0.000000000	8	0.00000000	0.000	

0.648304802 Vqt, mgal

5.000

Site:		Sawmill Place Boulevard				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	6/29/2012 18:10	25.91	1.11	4.9120	0.017055556	1	0.04496528	1.470	
	6/29/2012 18:15	25.37	0.98	4.2240	0.014666667				
	6/29/2012 18:20	24.81	0.91	3.8140	0.013243056				
Hr. 0.25	6/29/2012 18:25	24.37	0.88	3.6060	0.012520833	2	0.03410764	1.115	
	6/29/2012 18:30	23.93	0.80	3.2030	0.011121528				
	6/29/2012 18:35	23.51	0.77	3.0140	0.010465278				
Hr. 0.50	6/29/2012 18:40	23.05	0.76	2.9000	0.010069444	3	0.03696528	1.209	
	6/29/2012 18:45	22.65	0.71	2.6490	0.009197917				
	6/29/2012 18:50	22.35	0.71	2.6040	0.009041667				
Hr. 1.0	6/29/2012 18:55	21.85	0.70	2.4930	0.008656250	4	0.03685764	1.205	
	6/29/2012 19:00	21.47	0.60	2.0880	0.007250000				
	6/29/2012 19:05	21.09	0.60	2.0400	0.007083333				
Hr. 1.5	6/29/2012 19:10	20.69	0.59	1.9560	0.006791667	5	0.00000000	0.000	
	6/29/2012 19:15	20.25	0.51	1.6440	0.005708333				
	6/29/2012 19:20	19.91	0.48	1.5120	0.005250000				
Hr. 2.0	6/29/2012 19:25	19.45	0.45	1.3750	0.004774306	6	0.00000000	0.000	
				0.000000000					
				0.000000000					
Hr. 2.5				0.000000000	7	0.00000000	0.000		
				0.000000000					
				0.000000000					
Hr. 3.0				0.000000000	8	0.00000000	0.000		
				0.000000000					
				0.000000000					
Total:									
					0.152895833	Vqt, mgal		5.000	

Site:		Joyce Avenue				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Flow Volume, mgal Vq				
Hr. 0	Velocity Sensor damaged and not functioning.			0.00000000 0.00000000 0.00000000	1	0.00000000	#DIV/0!	Vs1, liters	
Hr. 0.25	Event composite sample for this event.			0.00000000 0.00000000 0.00000000	2	0.00000000	#DIV/0!	Vs2, liters	
Hr. 0.50				0.00000000 0.00000000 0.00000000	3	0.00000000	#DIV/0!	Vs3, liters	
Hr. 1.0				0.00000000 0.00000000 0.00000000 0.00000000	4	0.00000000	#DIV/0!	Vs4, liters	
Hr. 1.5				0.00000000 0.00000000 0.00000000 0.00000000	5	0.00000000	#DIV/0!	Vs5, liters	
Hr. 2.0				0.00000000 0.00000000 0.00000000 0.00000000	6	0.00000000	#DIV/0!	Vs6, liters	
Hr. 2.5				0.00000000 0.00000000 0.00000000 0.00000000	7	0.00000000	#DIV/0!	Vs7, liters	
Hr. 3.0				0.00000000 0.00000000 0.00000000 0.00000000	8	0.00000000	#DIV/0!	Vs8, liters	
				Total:			#DIV/0!		
				0.00000000	Vqt, mgal		#DIV/0!		

Site: Time		Clarendon Avenue			Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0	
Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)						
Hr. 0	6/29/2012 17:20	0.15	0.16	0.0000	0.000000000				
	6/29/2012 17:25	5.47	1.17	0.4080	0.001416667				
Hr. 0.25	6/29/2012 17:30	9.41	2.26	1.6670	0.005788194	1	0.00720486	1.184	Vs1, liters
	6/29/2012 17:35	8.49	1.72	1.1060	0.003840278				
Hr. 0.50	6/29/2012 17:40	6.97	1.76	0.8610	0.002989583				
	6/29/2012 17:45	5.70	1.55	0.5740	0.001993056	2	0.00882292	1.450	Vs2, liters
Hr. 1.0	6/29/2012 17:50	4.81	1.46	0.4250	0.001475694				
	6/29/2012 17:55	4.05	1.38	0.3110	0.001079861				
Hr. 1.5	6/29/2012 18:00	3.51	1.21	0.2220	0.000770833				
	6/29/2012 18:05	3.09	1.19	0.1810	0.000628472	3	0.00395486	0.650	Vs3, liters
Hr. 2.0	6/29/2012 18:10	2.75	1.07	0.1380	0.000479167				
	6/29/2012 18:15	2.52	1.02	0.1150	0.000399306				
Hr. 2.5	6/29/2012 18:20	2.42	0.97	0.1040	0.000361111				
	6/29/2012 18:25	2.43	0.96	0.1040	0.000361111				
Hr. 3.0	6/29/2012 18:30	2.66	1.07	0.1320	0.000458333				
	6/29/2012 18:35	2.91	1.08	0.1510	0.000524306	4	0.00258333	0.425	Vs4, liters
Hr. 3.5	6/29/2012 18:40	3.11	1.18	0.1830	0.000635417				
	6/29/2012 18:45	3.23	1.17	0.1920	0.000666667				
Hr. 4.0	6/29/2012 18:50	3.20	1.23	0.1970	0.000684028				
	6/29/2012 18:55	3.12	1.17	0.1810	0.000628472				
Hr. 4.5	6/29/2012 19:00	3.04	1.20	0.1790	0.000621528				
	6/29/2012 19:05	2.92	1.14	0.1600	0.000555556	5	0.00379167	0.623	Vs5, liters
Hr. 5.0	6/29/2012 19:10	2.83	1.13	0.1520	0.000527778				
	6/29/2012 19:15	2.77	1.06	0.1380	0.000479167				
Hr. 5.5	6/29/2012 19:20	2.68	1.10	0.1370	0.000475694				
	6/29/2012 19:25	2.56	1.03	0.1200	0.000416667				
Hr. 6.0	6/29/2012 19:30	2.40	0.94	0.0990	0.000343750				
	6/29/2012 19:35	2.24	0.97	0.0920	0.000319444	6	0.00256250	0.421	Vs6, liters
Hr. 6.5	6/29/2012 19:40	2.08	0.90	0.0770	0.000267361				
	6/29/2012 19:45	1.94	0.90	0.0700	0.000243056				
Hr. 7.0	6/29/2012 19:50	1.81	0.80	0.0550	0.000190972				
	6/29/2012 19:55	1.70	0.73	0.0460	0.000159722				
Hr. 7.5	6/29/2012 20:00	1.59	0.70	0.0400	0.000138889				
	6/29/2012 20:05	1.49	0.68	0.0350	0.000121528	7	0.00112153	0.184	Vs7, liters
Hr. 8.0	6/29/2012 20:10	1.41	0.70	0.0340	0.000118056				
	6/29/2012 20:15	1.32	0.65	0.0290	0.000100694				
Hr. 8.5	6/29/2012 20:20	1.26	0.58	0.0240	0.000083333				
	6/29/2012 20:25	1.19	0.58	0.0220	0.000076389	8	0.00037847	0.062	Vs8, liters

Total:
 0.030420139 Vqt, mgal 5.000

Site:		Petzinger Road				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
	6/29/2012 17:20	1.46	1.03	0.0700				10.0	
Hr. 0	6/29/2012 17:25	5.41	2.92	1.3710					
	6/29/2012 17:30	14.82	5.93	11.6590	1	0.04548611	2.409	Vs1, liters	
Hr. 0.25	6/29/2012 17:35	13.07	5.80	9.5900					
	6/29/2012 17:40	9.35	5.92	6.1220					
Hr. 0.50	6/29/2012 17:45	7.33	5.71	4.1640	2	0.06901389	3.655	Vs2, liters	
	6/29/2012 17:50	5.17	5.02	2.2060					
Hr. 0.50	6/29/2012 17:55	4.04	4.33	1.3260					
	6/29/2012 18:00	3.03	3.98	0.7980					
Hr. 1.0	6/29/2012 18:05	6.20	1.48	0.8480	3	0.01797917	0.952	Vs3, liters	
	6/29/2012 18:10	6.79	0.81	0.5300					
Hr. 1.0	6/29/2012 18:15	7.30	0.60	0.4160					
	6/29/2012 18:20	7.13	0.61	0.4280					
Hr. 1.0	6/29/2012 18:25	6.90	0.58	0.3900					
	6/29/2012 18:30	6.20	0.45	0.2560					
Hr. 1.5	6/29/2012 18:35	5.64	1.03	0.5040	4	0.00876389	0.464	Vs4, liters	
	6/29/2012 18:40	4.63	3.33	1.2220					
Hr. 1.5	6/29/2012 18:45	4.22	4.22	1.3730					
	6/29/2012 18:50	4.22	4.18	1.3640					
Hr. 1.5	6/29/2012 18:55	4.86	3.60	1.4250					
	6/29/2012 19:00	6.53	2.21	1.3480					
Hr. 2.0	6/29/2012 19:05	7.50	1.28	0.9570	5	0.02669792	1.414	Vs5, liters	
	6/29/2012 19:10	7.99	0.90	0.7460					
Hr. 2.0	6/29/2012 19:15	8.21	0.84	0.7190					
	6/29/2012 19:20	8.29	0.75	0.6550					
Hr. 2.0	6/29/2012 19:25	8.20	0.75	0.6430					
	6/29/2012 19:30	7.91	0.74	0.6010					
Hr. 2.5	6/29/2012 19:35	7.74	0.62	0.4910	6	0.01338542	0.709	Vs6, liters	
	6/29/2012 19:40	7.51	0.54	0.4060					
Hr. 2.5	6/29/2012 19:45	6.48	0.42	0.2590					
	6/29/2012 19:50	6.72	0.37	0.2370					
Hr. 2.5	6/29/2012 19:55	6.79	0.34	0.2240					
	6/29/2012 20:00	6.73	0.34	0.1870					
Hr. 3.0	6/29/2012 20:05	6.61	0.27	0.1720	7	0.00515625	0.273	Vs7, liters	
	6/29/2012 20:10	6.53	0.24	0.1490					
Hr. 3.0	6/29/2012 20:15	6.43	0.22	0.1310					
	6/29/2012 20:20	6.34	0.21	0.1230					
Hr. 3.0	6/29/2012 20:25	6.23	0.19	0.1100					
	6/29/2012 20:30	5.48	0.17	0.0820					
	6/29/2012 20:35	5.43	0.18	0.0830	8	0.00235417	0.125	Vs8, liters	

Total:
0.18836008 Vqt, mgal 10.000

Site: Time		Sawbury Boulevard			Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)						
Hr. 0	9/8/2012 2:10	10.10	0.12	0.2545	0.000883543				
	9/8/2012 2:15	12.50	0.12	0.3445	0.001196197				
	9/8/2012 2:20	15.28	1.76	6.6886	0.023224441	1	0.02530418	0.472	
Hr. 0.25	9/8/2012 2:25	16.50	1.77	7.4785	0.025966865				
	9/8/2012 2:30	16.48	1.74	7.3370	0.025475770				
	9/8/2012 2:35	15.78	1.70	6.7527	0.023446753	2	0.07488939	1.396	
Hr. 0.50	9/8/2012 2:40	15.22	1.70	6.4237	0.022304601				
	9/8/2012 2:45	14.68	0.95	3.4133	0.011851697				
	9/8/2012 2:50	14.40	0.95	3.3246	0.011543799				
Hr. 1.0	9/8/2012 2:55	14.08	0.95	3.2212	0.011184659	3	0.05688476	1.060	
	9/8/2012 3:00	13.72	0.95	3.1060	0.010784753				
	9/8/2012 3:05	13.74	0.95	3.1133	0.010810102				
Hr. 1.5	9/8/2012 3:10	13.78	0.95	3.1260	0.010854188				
	9/8/2012 3:15	13.82	0.95	3.1384	0.010897171				
	9/8/2012 3:20	13.80	0.95	3.1333	0.010879537				
Hr. 2.0	9/8/2012 3:25	13.90	0.95	3.1635	0.010984240	4	0.06520999	1.215	
	9/8/2012 3:30	13.84	0.95	3.1460	0.010923623				
	9/8/2012 3:35	13.96	0.13	0.4356	0.001512644				
Hr. 2.5	9/8/2012 3:40	14.14	0.13	0.4435	0.001540089				
	9/8/2012 3:45	14.10	0.13	0.4418	0.001534021				
	9/8/2012 3:50	14.06	0.13	0.4401	0.001528105				
Hr. 3.0	9/8/2012 3:55	14.22	0.13	0.4470	0.001551933	5	0.01859041	0.346	
	9/8/2012 4:00	14.16	0.13	0.4442	0.001542364				
	9/8/2012 4:05	14.10	0.13	0.4418	0.001534021				
Hr. 3.5	9/8/2012 4:10	13.96	0.13	0.4356	0.001512644				
	9/8/2012 4:15	14.00	0.13	0.4373	0.001518548				
	9/8/2012 4:20	14.10	0.13	0.4418	0.001534021				
Hr. 4.0	9/8/2012 4:25	14.04	0.13	0.4390	0.001524465	6	0.00916606	0.171	
	9/8/2012 4:30	14.14	0.13	0.4435	0.001540089				
	9/8/2012 4:35	14.06	0.13	0.4401	0.001528105				
Hr. 4.5	9/8/2012 4:40	14.32	0.13	0.4515	0.001567624				
	9/8/2012 4:45	14.16	0.13	0.4442	0.001542364				
	9/8/2012 4:50	13.96	0.13	0.4356	0.001512644				
Hr. 5.0	9/8/2012 4:55	13.96	0.13	0.4356	0.001512644	7	0.00920347	0.172	
	9/8/2012 5:00	14.02	0.13	0.4384	0.001522189				
	9/8/2012 5:05	13.82	0.13	0.4295	0.001491192				
Hr. 5.5	9/8/2012 5:10	13.86	0.13	0.4312	0.001497074				
	9/8/2012 5:15	13.92	0.13	0.4339	0.001506588				
	9/8/2012 5:20	13.94	0.13	0.4346	0.001509010				
Hr. 6.0	9/8/2012 5:25	14.04	0.13	0.4390	0.001524465	8	0.00905052	0.169	

0.268298782 Vqt, mgal

5.000

Site: Time		Sawmill Place Boulevard			Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)						
Hr. 0	9/8/2012 2:00	5.99	1.00	0.5790	0.002010417				
	9/8/2012 2:05	7.15	2.23	1.6690	0.005795139				
	9/8/2012 2:10	11.17	3.65	5.1820	0.017993056	1	0.02579861	0.238	
Hr. 0.25	9/8/2012 2:15	16.17	5.87	13.9660	0.048493056				
	9/8/2012 2:20	17.59	6.43	17.1600	0.059583333				
	9/8/2012 2:25	16.89	5.85	14.7720	0.051291667	2	0.15936806	1.468	
Hr. 0.50	9/8/2012 2:30	16.51	5.20	12.7320	0.044208333				
	9/8/2012 2:35	17.97	4.18	11.4830	0.039871528				
	9/8/2012 2:40	18.81	3.10	9.0550	0.031440972				
Hr. 1.0	9/8/2012 2:45	19.39	2.30	6.9960	0.024291667	3	0.13981250	1.288	
	9/8/2012 2:50	19.83	2.04	6.3940	0.022201389				
	9/8/2012 2:55	19.65	1.57	4.8610	0.016878472				
Hr. 1.5	9/8/2012 3:00	19.73	1.27	3.9540	0.013729167				
	9/8/2012 3:05	19.95	1.09	3.4440	0.011958333				
	9/8/2012 3:10	20.01	0.94	2.9820	0.010354167				
Hr. 2.0	9/8/2012 3:15	19.89	0.92	2.8950	0.010052083	4	0.08517361	0.785	
	9/8/2012 3:20	19.61	0.81	2.5010	0.008684028				
	9/8/2012 3:25	19.47	0.69	2.1110	0.007329861				
Hr. 2.5	9/8/2012 3:30	19.37	0.69	2.0960	0.007277778				
	9/8/2012 3:35	19.13	0.71	2.1210	0.007364583				
	9/8/2012 3:40	18.85	0.76	2.2260	0.007729167				
Hr. 3.0	9/8/2012 3:45	18.71	0.75	2.1750	0.007552083	5	0.04593750	0.423	
	9/8/2012 3:50	18.57	0.74	2.1250	0.007378472				
	9/8/2012 3:55	18.35	0.74	2.0910	0.007260417				
Hr. 4.0	9/8/2012 4:00	18.15	0.75	2.0880	0.007250000				
	9/8/2012 4:05	18.05	0.77	2.1280	0.007388889				
	9/8/2012 4:10	17.79	0.75	2.0320	0.007055556				
Hr. 4.5	9/8/2012 4:15	17.59	0.74	1.9750	0.006857639	6	0.04319097	0.398	
	9/8/2012 4:20	17.09	0.71	1.8220	0.006326389				
	9/8/2012 4:25	17.11	0.65	1.6710	0.005802083				
Hr. 5.0	9/8/2012 4:30	17.15	0.60	1.5470	0.005371528				
	9/8/2012 4:35	16.87	0.56	1.4120	0.004902778				
	9/8/2012 4:40	16.75	0.45	1.1240	0.003902778				
Hr. 5.5	9/8/2012 4:45	16.01	0.45	1.0560	0.003666667	7	0.02997222	0.276	
	9/8/2012 4:50	15.99	0.42	0.9840	0.003416667				
	9/8/2012 4:55	16.11	0.38	0.9000	0.003125000				
Hr. 6.0	9/8/2012 5:00	16.05	0.38	0.0000	0.000000000				
	9/8/2012 5:05	15.85	0.32	0.7410	0.002572917				
	9/8/2012 5:10	15.75	0.30	0.6890	0.002392361				
9/8/2012 5:15	15.41	0.27	0.6010	0.002086806	8	0.01359375	0.125		

Total:
 0.642847222 Vqt, mgal 5.000

Site: Time		Joyce Avenue			Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	9/7/2012 16:50	0.01	0.00	0.0000	1	0.00004167	0.028	
	9/7/2012 16:55	0.02	0.00	0.000000000				
	9/7/2012 17:00	0.42	1.56	0.0120				0.000041667
Hr. 0.25	9/7/2012 17:05	2.93	4.68	0.6140	2	0.00477083	3.151	
	9/7/2012 17:10	2.44	4.73	0.4730				0.002131944
	9/7/2012 17:15	1.92	4.08	0.2870				0.001642361
Hr. 0.50	9/7/2012 17:20	1.53	3.54	0.1790	3	0.00171181	1.131	
	9/7/2012 17:25	1.41	3.07	0.1370				0.000996528
	9/7/2012 17:30	1.17	3.07	0.1050				0.000621528
Hr. 1.0	9/7/2012 17:35	0.98	2.78	0.0720	4	0.00104514	0.690	
	9/7/2012 17:40	0.97	2.78	0.0720				0.000475694
	9/7/2012 17:45	0.87	2.63	0.0580				0.000364583
Hr. 1.5	9/7/2012 17:50	0.83	2.55	0.0520	5	0.00000000	0.000	
	9/7/2012 17:55	0.78	2.39	0.0450				0.000250000
	9/7/2012 18:00	0.74	2.30	0.0390				0.000201389
Hr. 2.0	9/7/2012 18:05	0.70	2.22	0.0350	6	0.00000000	0.000	
				0.000180556				
				0.000156250				
Hr. 2.5				0.000135417	7	0.00000000	0.000	
				0.000121528				
				0.000000000				
Hr. 3.0				0.000000000	8	0.00000000	0.000	
				0.000000000				
				0.000000000				
				Total:				
				0.007569444	Vqt, mgal		5.000	

Site:		Clarendon Avenue				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	9/8/2012 2:05	-0.13	0.00	0.0000	0.000000000				
	9/8/2012 2:10	-0.13	0.00	0.0000	0.000000000				
	9/8/2012 2:15	5.42	1.68	0.5780	0.002006944	1	0.00200694	0.191	
Hr. 0.25	9/8/2012 2:20	10.03	2.38	1.9160	0.006652778				
	9/8/2012 2:25	9.78	2.38	1.8530	0.006434028				
	9/8/2012 2:30	8.41	2.26	1.4300	0.004965278	2	0.01805208	1.717	
Hr. 0.50	9/8/2012 2:35	7.23	2.02	1.0410	0.003614583				
	9/8/2012 2:40	6.26	2.02	0.8520	0.002958333				
	9/8/2012 2:45	5.48	2.02	0.7050	0.002447917				
Hr. 1.0	9/8/2012 2:50	4.82	2.02	0.5870	0.002038194	3	0.01105903	1.052	
	9/8/2012 2:55	4.32	2.02	0.5020	0.001743056				
	9/8/2012 3:00	3.95	2.02	0.4410	0.001531250				
Hr. 1.5	9/8/2012 3:05	3.68	2.02	0.3990	0.001385417				
	9/8/2012 3:10	3.46	2.02	0.3640	0.001263889				
	9/8/2012 3:15	3.26	2.02	0.3330	0.001156250				
Hr. 2.0	9/8/2012 3:20	3.09	2.02	0.3080	0.001069444	4	0.00814931	0.775	
	9/8/2012 3:25	2.97	2.02	0.2910	0.001010417				
	9/8/2012 3:30	2.96	2.02	0.2900	0.001006944				
Hr. 2.5	9/8/2012 3:35	3.19	2.02	0.3240	0.001125000				
	9/8/2012 3:40	3.56	2.02	0.3800	0.001319444				
	9/8/2012 3:45	3.88	1.41	0.3000	0.001041667				
Hr. 3.0	9/8/2012 3:50	4.07	1.48	0.3380	0.001173611	5	0.00667708	0.635	
	9/8/2012 3:55	3.98	1.45	0.3210	0.001114583				
	9/8/2012 4:00	3.80	1.36	0.2820	0.000979167				
Hr. 3.5	9/8/2012 4:05	3.49	1.28	0.2340	0.000812500				
	9/8/2012 4:10	3.20	1.19	0.1920	0.000666667				
	9/8/2012 4:15	2.90	1.12	0.1560	0.000541667				
Hr. 4.0	9/8/2012 4:20	2.63	1.04	0.1250	0.000434028	6	0.00454861	0.433	
	9/8/2012 4:25	2.39	0.96	0.1010	0.000350694				
	9/8/2012 4:30	2.20	0.94	0.0870	0.000302083				
Hr. 4.5	9/8/2012 4:35	2.02	0.85	0.0700	0.000243056				
	9/8/2012 4:40	1.87	0.82	0.0600	0.000208333				
	9/8/2012 4:45	1.71	0.76	0.0490	0.000170139				
Hr. 5.0	9/8/2012 4:50	1.59	0.76	0.0440	0.000152778	7	0.00142708	0.136	
	9/8/2012 4:55	1.48	0.76	0.0390	0.000135417				
	9/8/2012 5:00	1.38	0.76	0.0350	0.000121528				
Hr. 5.5	9/8/2012 5:05	1.29	0.76	0.0320	0.000111111				
	9/8/2012 5:10	1.21	0.76	0.0290	0.000100694				
	9/8/2012 5:15	1.14	0.76	0.0270	0.000093750				
Hr. 6.0	9/8/2012 5:20	1.06	0.76	0.0240	0.000083333	8	0.00064583	0.061	

Total:
0.052565972 Vqt, mgal 5.000

Site:		Petzinger Road							
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters	
	9/8/2012 2:10	0.48	0.72	0.0090		0.000031250		10.0	
Hr. 0	9/8/2012 2:15	0.48	0.72	0.0090		0.000031250			
	9/8/2012 2:20	0.85	1.39	0.0630	1	0.00028125	0.022	Vs1, liters	
	9/8/2012 2:25	3.50	3.54	0.8980		0.003118056			
Hr. 0.25	9/8/2012 2:30	9.70	5.99	6.6780		0.023187500			
	9/8/2012 2:35	6.98	5.96	4.0890	2	0.04050347	3.135	Vs2, liters	
	9/8/2012 2:40	4.92	4.94	2.0370		0.007072917			
Hr. 0.50	9/8/2012 2:45	4.06	4.58	1.4150		0.004913194			
	9/8/2012 2:50	3.70	4.53	1.2220		0.004243056			
	9/8/2012 2:55	3.20	4.53	0.9860	3	0.01965278	1.521	Vs3, liters	
	9/8/2012 3:00	2.89	4.53	0.8480		0.002944444			
	9/8/2012 3:05	2.65	4.53	0.7430		0.002579861			
	9/8/2012 3:10	2.50	4.56	0.6860		0.002381944			
Hr. 1.0	9/8/2012 3:15	2.36	4.54	0.6290		0.002184028			
	9/8/2012 3:20	2.25	4.49	0.5810		0.002017361			
	9/8/2012 3:25	2.25	4.28	0.5520	4	0.01402431	1.085	Vs4, liters	
	9/8/2012 3:30	2.45	4.22	0.6150		0.002135417			
	9/8/2012 3:35	2.85	4.29	0.7870		0.002732639			
	9/8/2012 3:40	3.20	4.42	0.9600		0.003333333			
Hr. 1.5	9/8/2012 3:45	3.48	4.63	1.1390		0.003954861			
	9/8/2012 3:50	3.81	4.85	1.3620		0.004729167			
	9/8/2012 3:55	4.08	4.92	1.5280	5	0.02219097	1.718	Vs5, liters	
	9/8/2012 4:00	4.23	4.64	1.5210		0.005281250			
	9/8/2012 4:05	5.65	3.40	1.6770		0.005822917			
	9/8/2012 4:10	7.18	2.02	1.4190		0.004927083			
Hr. 2.0	9/8/2012 4:15	7.81	1.18	0.9410		0.003267361			
	9/8/2012 4:20	8.03	0.85	0.7110		0.002468750			
	9/8/2012 4:25	8.10	0.70	0.5930	6	0.02382639	1.844	Vs6, liters	
	9/8/2012 4:30	8.03	0.54	0.4480		0.001555556			
	9/8/2012 4:35	8.09	0.50	0.4240		0.001472222			
	9/8/2012 4:40	7.99	0.43	0.3550		0.001232639			
Hr. 2.5	9/8/2012 4:45	7.22	0.34	0.2400		0.000833333			
	9/8/2012 4:50	7.31	0.19	0.1350		0.000468750			
	9/8/2012 4:55	7.19	0.24	0.1700	7	0.00615278	0.476	Vs7, liters	
	9/8/2012 5:00	7.10	0.24	0.1670		0.000579861			
	9/8/2012 5:05	7.03	0.22	0.1520		0.000527778			
	9/8/2012 5:10	6.97	0.21	0.1390		0.000482639			
Hr. 3.0	9/8/2012 5:15	6.88	0.21	0.1360		0.000472222			
	9/8/2012 5:20	7.21	0.21	0.1460	8	0.000506944	0.199	Vs8, liters	

Total:
0.129201389 Vqt, mgal 10.000

Site: Time	Sawbury Boulevard			Volume, mgal	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	Level (in.)	Velocity (ft/s)	Flow (mgd)	(mgal)				
Hr. 0				0.00000000 0.00000000 0.00000000	1	0.00000000	#DIV/0!	Vs1, liters
Hr. 0.25				0.00000000 0.00000000 0.00000000	2	0.00000000	#DIV/0!	Vs2, liters
Hr. 0.50				0.00000000 0.00000000 0.00000000 0.00000000	3	0.00000000	#DIV/0!	Vs3, liters
Hr. 1.0				0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	4	0.00000000	#DIV/0!	Vs4, liters
Hr. 1.5				0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	5	0.00000000	#DIV/0!	Vs5, liters
Hr. 2.0				0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	6	0.00000000	#DIV/0!	Vs6, liters
Hr. 2.5				0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	7	0.00000000	#DIV/0!	Vs7, liters
Hr. 3.0				0.00000000 0.00000000 0.00000000 0.00000000 0.00000000	8	0.00000000	#DIV/0!	Vs8, liters

0.00000000 Vqt, mgal

#DIV/0!

Site:		Sawmill Place Boulevard				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	12/2/2012 8:25	4.95	0.06	0.0260	0.000090278				
	12/2/2012 8:30	4.97	0.18	0.0790	0.000274306				
	12/2/2012 8:35	5.09	0.32	0.1460	0.000506944	1	0.00087153	0.019	
Hr. 0.25	12/2/2012 8:40	5.19	0.33	0.1550	0.000538194				
	12/2/2012 8:45	5.23	1.68	0.7970	0.002767361				
	12/2/2012 8:50	5.35	2.51	1.2310	0.004274306	2	0.00757986	0.162	
Hr. 0.50	12/2/2012 8:55	5.67	2.97	1.5850	0.005503472				
	12/2/2012 9:00	6.15	3.10	1.8630	0.006468750				
	12/2/2012 9:05	6.17	3.15	1.9020	0.006604167				
Hr. 1.0	12/2/2012 9:10	6.93	3.08	2.2010	0.007642361	3	0.02621875	0.562	
	12/2/2012 9:15	7.37	3.37	2.6350	0.009149306				
	12/2/2012 9:20	8.19	3.38	3.0770	0.010684028				
Hr. 1.5	12/2/2012 9:25	8.75	3.68	3.6880	0.012805556				
	12/2/2012 9:30	8.95	3.53	3.6550	0.012690972				
	12/2/2012 9:35	9.55	3.25	3.6920	0.012819444				
Hr. 2.0	12/2/2012 9:40	9.65	2.95	3.4000	0.011805556	4	0.06995486	1.498	
	12/2/2012 9:45	9.75	2.40	2.8090	0.009753472				
	12/2/2012 9:50	9.99	1.93	2.3390	0.008121528				
Hr. 2.5	12/2/2012 9:55	10.07	1.54	1.8870	0.006552083				
	12/2/2012 10:00	10.33	1.18	1.5000	0.005208333				
	12/2/2012 10:05	10.61	0.98	1.2930	0.004489583				
Hr. 3.0	12/2/2012 10:10	10.61	0.89	1.1750	0.004079861	5	0.03820486	0.818	
	12/2/2012 10:15	10.61	0.74	0.9770	0.003392361				
	12/2/2012 10:20	10.65	0.60	0.7960	0.002763889				
Hr. 3.0	12/2/2012 10:25	10.71	0.66	0.8830	0.003065972				
	12/2/2012 10:30	10.73	0.82	1.1000	0.003819444				
	12/2/2012 10:35	10.91	1.42	1.9500	0.006770833				
Hr. 3.0	12/2/2012 10:40	11.17	1.84	2.6120	0.009069444	6	0.02888194	0.619	
	12/2/2012 10:45	11.51	1.96	2.9040	0.010083333				
	12/2/2012 10:50	11.53	1.84	2.7330	0.009489583				
Hr. 3.0	12/2/2012 10:55	11.71	1.41	2.1410	0.007434028				
	12/2/2012 11:00	11.77	1.21	1.8500	0.006423611				
	12/2/2012 11:05	11.87	0.94	1.4540	0.005048611				
Hr. 3.0	12/2/2012 11:10	12.03	0.85	1.3400	0.004652778	7	0.04313194	0.924	
	12/2/2012 11:15	12.09	0.72	1.1430	0.003968750				
	12/2/2012 11:20	12.09	0.66	1.0480	0.003638889				
Hr. 3.0	12/2/2012 11:25	12.09	0.60	0.9530	0.003309028				
	12/2/2012 11:30	11.97	0.52	0.8140	0.002826389				
	12/2/2012 11:35	12.01	0.48	0.7550	0.002621528				
	12/2/2012 11:40	11.81	0.42	0.6450	0.002239583	8	0.01860417	0.398	

Total:
 0.233447917 Vqt, mgal 5.000

Site:		Clarendon Avenue				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	11/12/2012 8:05	0.29	2.85	0.0130	0.000045139	1	0.00062500	0.027	
	11/12/2012 8:10	0.38	3.61	0.0240	0.000083333				
	11/12/2012 8:15	1.23	3.61	0.1430	0.000496528				
Hr. 0.25	11/12/2012 8:20	1.31	9.21	0.3980	0.001381944	2	0.00452778	0.199	
	11/12/2012 8:25	1.39	9.21	0.4360	0.001513889				
	11/12/2012 8:30	1.47	9.21	0.4700	0.001631944				
Hr. 0.50	11/12/2012 8:35	1.53	9.21	0.5020	0.001743056	3	0.01000000	0.439	
	11/12/2012 8:40	1.88	9.21	0.6770	0.002350694				
	11/12/2012 8:45	2.04	9.21	0.7660	0.002659722				
Hr. 1.0	11/12/2012 8:50	2.34	9.21	0.9350	0.003246528	4	0.02388542	1.050	
	11/12/2012 8:55	2.50	9.21	1.0320	0.003583333				
	11/12/2012 9:00	2.72	9.21	1.1720	0.004069444				
Hr. 1.5	11/12/2012 9:05	2.77	9.21	1.1990	0.004163194	5	0.02867708	1.260	
	11/12/2012 9:10	2.74	9.21	1.1830	0.004107639				
	11/12/2012 9:15	2.70	9.21	1.1530	0.004003472				
Hr. 2.0	11/12/2012 9:20	2.67	9.21	1.1400	0.003958333	6	0.02084722	0.916	
	11/12/2012 9:25	2.73	9.21	1.1730	0.004072917				
	11/12/2012 9:30	2.86	9.21	1.2580	0.004368056				
Hr. 2.5	11/12/2012 9:35	3.22	9.21	1.4920	0.005180556	7	0.01434375	0.630	
	11/12/2012 9:40	3.19	9.21	1.4720	0.005111111				
	11/12/2012 9:45	3.10	9.21	1.4150	0.004913194				
Hr. 3.0	11/12/2012 9:50	3.15	9.21	1.4490	0.005031250	8	0.01086458	0.477	
	11/12/2012 9:55	3.09	7.63	1.1640	0.004041667				
	11/12/2012 10:00	2.97	7.63	1.1000	0.003819444				
Hr. 3.0	11/12/2012 10:05	2.84	7.63	1.0330	0.003586806	8	0.01086458	0.477	
	11/12/2012 10:10	2.71	7.63	0.9650	0.003350694				
	11/12/2012 10:15	2.64	7.63	0.9270	0.003218750				
Hr. 3.0	11/12/2012 10:20	2.42	7.63	0.8150	0.002829861	8	0.01086458	0.477	
	11/12/2012 10:25	2.28	7.63	0.7470	0.002593750				
	11/12/2012 10:30	2.14	7.63	0.6810	0.002364583				
Hr. 3.0	11/12/2012 10:35	1.98	10.83	0.8610	0.002989583	8	0.01086458	0.477	
	11/12/2012 10:40	1.88	9.18	0.6750	0.002343750				
	11/12/2012 10:45	1.76	9.18	0.6130	0.002128472				
Hr. 3.0	11/12/2012 10:50	1.64	9.18	0.5540	0.001923611	8	0.01086458	0.477	
	11/12/2012 10:55	1.56	10.56	0.5900	0.002048611				
	11/12/2012 11:00	1.50	10.56	0.5560	0.001930556				
Hr. 3.0	11/12/2012 11:05	1.43	10.56	0.5220	0.001812500	8	0.01086458	0.477	
	11/12/2012 11:10	1.39	10.56	0.5010	0.001739583				
	11/12/2012 11:15	1.36	10.56	0.4830	0.001677083				
	11/12/2012 11:20	1.35	10.56	0.4770	0.001656250	8	0.01086458	0.477	

Total:
0.113770833 Vqt, mgal 5.000

Site:		Petzinger Road				Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 10.0
Time	Level (in.)	Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)					
Hr. 0	11/12/2012 8:15	0.46	0.20	0.0020	0.000006944				
	11/12/2012 8:20	0.67	0.31	0.0080	0.000027778				
	11/12/2012 8:25	1.49	0.52	0.0370	0.000128472	1	0.00016319	0.032	
Hr. 0.25	11/12/2012 8:30	2.09	1.43	0.1590	0.000552083				
	11/12/2012 8:35	2.26	1.82	0.2360	0.000819444				
	11/12/2012 8:40	2.31	2.06	0.2750	0.000954861	2	0.00232639	0.459	
Hr. 0.50	11/12/2012 8:45	2.34	3.10	0.4400	0.001527778				
	11/12/2012 8:50	2.37	3.88	0.5400	0.001875000				
	11/12/2012 8:55	2.17	4.22	0.5150	0.001788194				
Hr. 1.0	11/12/2012 9:00	2.29	4.32	0.5720	0.001986111	3	0.00717708	1.416	
	11/12/2012 9:05	2.28	4.40	0.5780	0.002006944				
	11/12/2012 9:10	2.41	4.53	0.6470	0.002246528				
Hr. 1.5	11/12/2012 9:15	1.97	4.56	0.4830	0.001677083				
	11/12/2012 9:20	1.82	4.51	0.4230	0.001468750				
	11/12/2012 9:25	1.89	4.39	0.4380	0.001520833				
Hr. 2.0	11/12/2012 9:30	1.92	4.55	0.4640	0.001611111	4	0.01053125	2.078	
	11/12/2012 9:35	1.87	4.08	0.4000	0.001388889				
	11/12/2012 9:40	1.97	4.37	0.4630	0.001607639				
Hr. 2.5	11/12/2012 9:45	2.22	4.61	0.5850	0.002031250				
	11/12/2012 9:50	2.28	4.49	0.5890	0.002045139				
	11/12/2012 9:55	2.16	4.50	0.5450	0.001892361				
Hr. 3.0	11/12/2012 10:00	1.94	4.59	0.4750	0.001649306	5	0.01061458	2.094	
	11/12/2012 10:05	1.82	4.63	0.4350	0.001510417				
	11/12/2012 10:10	1.82	4.52	0.4260	0.001479167				
Hr. 3.5	11/12/2012 10:15	1.74	4.47	0.3930	0.001364583				
	11/12/2012 10:20	1.71	4.58	0.3920	0.001361111				
	11/12/2012 10:25	1.55	4.68	0.3470	0.001204861				
Hr. 4.0	11/12/2012 10:30	1.54	4.47	0.3280	0.001138889	6	0.00805903	1.590	
	11/12/2012 10:35	1.46	4.59	0.3110	0.001079861				
	11/12/2012 10:40	1.33	4.40	0.2600	0.000902778				
Hr. 4.5	11/12/2012 10:45	1.49	4.20	0.2940	0.001020833				
	11/12/2012 10:50	1.32	4.32	0.2530	0.000878472				
	11/12/2012 10:55	1.27	4.33	0.2400	0.000833333				
Hr. 5.0	11/12/2012 11:00	1.42	4.62	0.3010	0.001045139	7	0.00576042	1.136	
	11/12/2012 11:05	1.47	4.48	0.3070	0.001065972				
	11/12/2012 11:10	1.51	4.77	0.3410	0.001184028				
Hr. 5.5	11/12/2012 11:15	1.49	4.79	0.3330	0.001156250				
	11/12/2012 11:20	1.45	4.63	0.3120	0.001083333				
	11/12/2012 11:25	1.29	4.47	0.2520	0.000875000				
Hr. 6.0	11/12/2012 11:30	1.15	4.20	0.2000	0.000694444	8	0.00605903	1.195	

Total:
 0.050690972 Vqt, mgal 10.000

Appendix D

Bacteria Flow-weighted Average EMCs

MH-1A - Fecal Coliform and E. Coli Flow Weighted Averages

QUARTER 2

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	6/29/12	18:00	610,000	140,000	0.921	112,362	25,788
Hr. 0.25	6/29/12	18:15	470,000	22,000	0.928	87,232	4,083
Hr. 0.50	6/29/12	18:30	520,000	10,000	1.253	130,312	2,506
Hr. 1.0	6/29/12	19:00	430,000	10,000	1.898	163,228	3,796
Hr. 1.5							
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples					5	493,134	36,173

QUARTER 3

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	9/8/12	2:15	230,000	16,000	0.472	21,712	1,510
Hr. 0.25	9/8/12	2:30	47,000	22,000	1.396	13,122	6,142
Hr. 0.50	9/8/12	2:45	70,000	29,000	1.060	14,840	6,148
Hr. 1.0	9/8/12	3:15	70,000	27,000	1.215	17,010	6,561
Hr. 1.5	9/8/12	3:45	49,000	27,000	0.346	3,391	1,868
Hr. 2.0	9/8/12	4:15	600,000	19,000	0.171	20,520	650
Hr. 2.5	9/8/12	4:45	600,000	10,000	0.172	20,640	344
Hr. 3.0	9/8/12	5:15	110,000	15,000	0.169	3,718	507
Flow Weighted Average of Grab Samples					5	114,953	23,731

QUARTER 4

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml) ¹	E.coli (#/100 ml) ¹
Hr. 0	11/12/12	7:30	7,200	5,000			
Hr. 0.25	11/12/12	7:45	29,000	10,000			
Hr. 0.50	11/12/12	8:00	23,000	18,000			
Hr. 1.0	11/12/12	8:30	32,000	12,000			
Hr. 1.5	11/12/12	9:00	7,000	3,400			
Hr. 2.0	11/12/12	9:30	11,000	7,000			
Hr. 2.5	11/12/12	10:00	11,000	6,000			
Hr. 3.0	11/12/12	10:30	12,000	6,000			
Flow Weighted Average of Grab Samples					0	16,525	8,425

1. No flow data available due to sensor malfunction, composite calculated from the arithmetic mean.

MH-02 - Fecal Coliform and E. Coli Flow Weighted Averages

QUARTER 2

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	6/29/12	18:15	37,000	26,000	1.470	10,880	7,646
Hr. 0.25	6/29/12	18:30	260,000	14,000	1.115	57,992	3,123
Hr. 0.50	6/29/12	18:45	43,000	25,000	1.209	10,399	6,046
Hr. 1.0	6/29/12	19:15	600,000	14,000	1.205	144,629	3,375
Hr. 1.5							
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples					5	223,900	20,189

QUARTER 3

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	09/08/12	2:05	170,000	29,000	0.238	8,094	1,381
Hr. 0.25	09/08/12	2:20	210,000	31,000	1.468	61,668	9,103
Hr. 0.50	09/08/12	2:35	300,000	12,000	1.288	77,295	3,092
Hr. 1.0	09/08/12	3:05	80,000	46,000	0.785	12,563	7,223
Hr. 1.5	09/08/12	3:35	35,000	90,000	0.423	2,962	7,616
Hr. 2.0	09/08/12	4:05	50,000	16,000	0.398	3,981	1,274
Hr. 2.5	09/08/12	4:35	55,000	22,000	0.276	3,037	1,215
Hr. 3.0	09/08/12	5:05	52,000	33,000	0.125	1,300	825
Flow Weighted Average of Grab Samples					5	170,899	31,729

QUARTER 4

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	12/02/12	8:30	1,700	1,500	0.019	6	6
Hr. 0.25	12/02/12	8:45	7,600	5,500	0.162	246	178
Hr. 0.50	12/02/12	9:00	15,000	11,000	0.562	1,686	1,237
Hr. 1.0	12/02/12	9:30	2,600	1,800	1.498	779	539
Hr. 1.5	12/02/12	10:00	1,700	1,400	0.818	278	229
Hr. 2.0	12/02/12	10:30	2,500	1,100	0.619	310	136
Hr. 2.5	12/02/12	11:00	1,500	1,200	0.924	277	222
Hr. 3.0	12/02/12	11:30	29,000	2,200	0.398	2,309	175
Flow Weighted Average of Grab Samples					5	5,892	2,722

MH-03 - Fecal Coliform and E. Coli Flow Weighted Averages

QUARTER 2

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml) ¹	E.coli (#/100 ml) ¹
Hr. 0	06/29/12	17:25	37,000	9,000			
Hr. 0.25	06/29/12	17:40	38,000	14,000			
Hr. 0.50	06/29/12	17:55	71,000	15,000			
Hr. 1.0	06/29/12	18:25	63,000	31,000			
Hr. 1.5	06/29/12	18:55	71,000	14,000			
Hr. 2.0	06/29/12	19:25	490,000	35,000			
Hr. 2.5	06/29/12	19:55	600,000	62,000			
Hr. 3.0	06/29/12	20:25	600,000	600,000			
Flow Weighted Average of Grab Samples			195,714	25,714	0	195,714	25,714

1. No flow data available due to sensor malfunction, composite calculated from the arithmetic mean.

QUARTER 3

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	09/07/12	16:55	770,000	50,000	0.028	4,312	280
Hr. 0.25	09/07/12	17:10	510,000	100,000	3.151	321,402	63,020
Hr. 0.50	09/07/12	17:25	520,000	120,000	1.131	117,624	27,144
Hr. 1.0	09/07/12	17:55	470,000	180,000	0.690	64,860	24,840
Hr. 1.5							
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples					5	508,198	115,284

QUARTER 4

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	11/12/12	8:25	35,000	16,000	0.069	483	221
Hr. 0.25	11/12/12	8:40	10,000	7,000	0.178	356	249
Hr. 0.50	11/12/12	8:55	20,000	11,000	0.550	2,200	1,210
Hr. 1.0	11/12/12	9:25	16,000	1,700	1.375	4,400	468
Hr. 1.5	11/12/12	9:55	80,000	1,600	1.489	23,824	476
Hr. 2.0	11/12/12	10:25	10,000	1,500	0.404	808	121
Hr. 2.5	11/12/12	10:55	8,000	800	0.429	686	69
Hr. 3.0	11/12/12	11:25	9,000	900	0.506	911	91
Flow Weighted Average of Grab Samples					5	33,668	2,905

MH-4B - Fecal Coliform and E. Coli Flow Weighted Averages

QUARTER 2

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	06/29/12	17:25	0	0	0.191	0	0
Hr. 0.25	06/29/12	17:40	600,000	600,000	1.717	206,040	206,040
Hr. 0.50	06/29/12	17:55	600,000	600,000	1.052	126,240	126,240
Hr. 1.0	06/29/12	18:25	600,000	600,000	0.775	93,000	93,000
Hr. 1.5	06/29/12	18:55	600,000	600,000	0.635	76,200	76,200
Hr. 2.0	06/29/12	19:25	600,000	600,000	0.433	51,960	51,960
Hr. 2.5	06/29/12	19:55	600,000	600,000	0.136	16,320	16,320
Hr. 3.0	06/29/12	20:25	600,000	600,000	0.061	7,320	7,320
Flow Weighted Average of Grab Samples					5	577,080	577,080

QUARTER 3

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	09/08/12	2:10	600,000	380,000	0.191	22,920	14,516
Hr. 0.25	09/08/12	2:25	720,000	410,000	1.717	247,248	140,794
Hr. 0.50	09/08/12	2:40	790,000	370,000	1.052	166,216	77,848
Hr. 1.0	09/08/12	3:10	500,000	180,000	0.775	77,500	27,900
Hr. 1.5	09/08/12	3:40	510,000	220,000	0.635	64,770	27,940
Hr. 2.0	09/08/12	4:10	110,000	34,000	0.433	9,526	2,944
Hr. 2.5	09/08/12	4:40	140,000	37,000	0.136	3,808	1,006
Hr. 3.0	09/08/12	5:10	57,000	20,000	0.061	695	244
Flow Weighted Average of Grab Samples					5	592,683	293,193

QUARTER 4

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	11/12/12	8:10	41,000	31,000	0.027	221	167
Hr. 0.25	11/12/12	8:25	100,000	19,000	0.199	3,982	757
Hr. 0.50	11/12/12	8:40	120,000	22,000	0.439	10,540	1,932
Hr. 1.0	11/12/12	9:10	52,000	31,000	1.050	10,924	6,513
Hr. 1.5	11/12/12	9:40	23,000	14,000	1.260	5,798	3,529
Hr. 2.0	11/12/12	10:10	39,000	22,000	0.916	7,148	4,032
Hr. 2.5	11/12/12	10:40	33,000	25,000	0.630	4,160	3,151
Hr. 3.0	11/12/12	11:10	35,000	11,000	0.477	3,340	1,050
Flow Weighted Average of Grab Samples					5	46,114	21,131

MH-05 - Fecal Coliform and E. Coli Flow Weighted Averages

QUARTER 2

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	06/29/12	17:25	600,000	16,000	0.022	1,320	35
Hr. 0.25	06/29/12	17:40	150,000	12,000	3.135	47,025	3,762
Hr. 0.50	06/29/12	17:55	380,000	15,000	1.521	57,798	2,282
Hr. 1.0	06/29/12	18:25	680,000	25,000	1.085	73,780	2,713
Hr. 1.5	06/29/12	18:55	580,000	27,000	1.718	99,644	4,639
Hr. 2.0	06/29/12	19:25	600,000	25,000	1.844	110,640	4,610
Hr. 2.5	06/29/12	19:55	600,000	11,000	0.476	28,560	524
Hr. 3.0	06/29/12	20:25	600,000	23,000	0.199	11,940	458
Flow Weighted Average of Grab Samples					10	430,707	19,021

QUARTER 3

Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	09/08/12	2:15	600,000	70,000	0.022	1,320	154
Hr. 0.25	09/08/12	2:30	600,000	21,000	3.135	188,100	6,584
Hr. 0.50	09/08/12	2:45	420,000	80,000	1.521	63,882	12,168
Hr. 1.0	09/08/12	3:15	310,000	50,000	1.085	33,635	5,425
Hr. 1.5	09/08/12	3:45	70,000	50,000	1.718	12,026	8,590
Hr. 2.0	09/08/12	4:15	90,000	70,000	1.844	16,596	12,908
Hr. 2.5	09/08/12	4:45	90,000	40,000	0.476	4,284	1,904
Hr. 3.0	09/08/12	5:15	110,000	80,000	0.199	2,189	1,592
Flow Weighted Average of Grab Samples					10	322,032	49,325

QUARTER 4

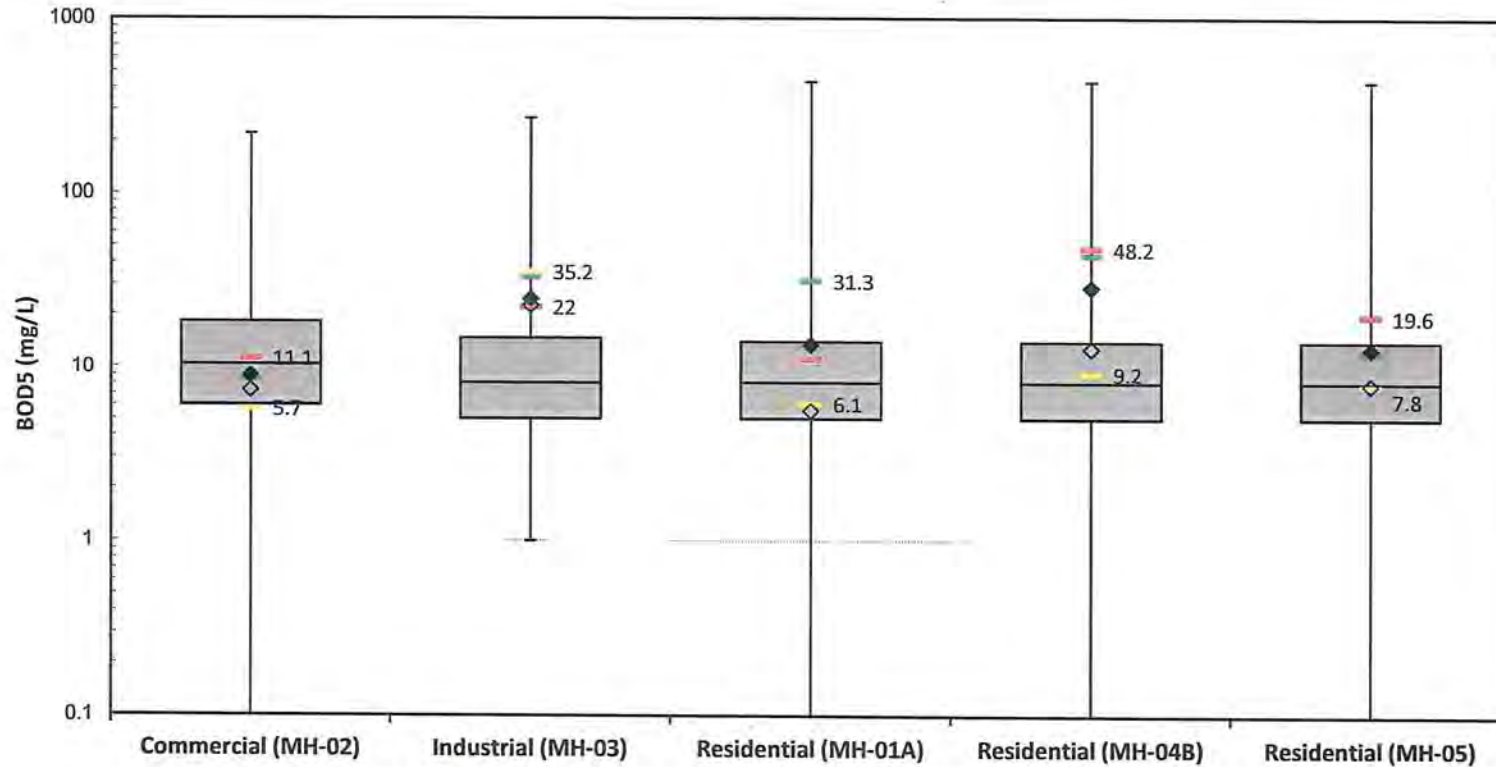
Sample	DATE	TIME	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)	Volume from Sample (l)	Fecal Coliform (#/100 ml)	E.coli (#/100 ml)
Hr. 0	11/12/12	8:20	32,000	1,000	0.032	102	3
Hr. 0.25	11/12/12	8:35	540,000	71,000	0.459	24,786	3,259
Hr. 0.50	11/12/12	8:50	560,000	220,000	1.416	79,296	31,152
Hr. 1.0	11/12/12	9:20	540,000	34,000	2.078	112,212	7,065
Hr. 1.5	11/12/12	9:50	380,000	21,000	2.094	79,572	4,397
Hr. 2.0	11/12/12	10:20	26,000	17,000	1.590	4,134	2,703
Hr. 2.5	11/12/12	10:50	17,000	14,000	1.136	1,931	1,590
Hr. 3.0	11/12/12	11:20	28,000	19,000	1.195	3,346	2,271
Flow Weighted Average of Grab Samples					10	305,380	52,441

Appendix E

Box and Whisker Plots for the National Stormwater Quality Database Version 3

BOD5

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots

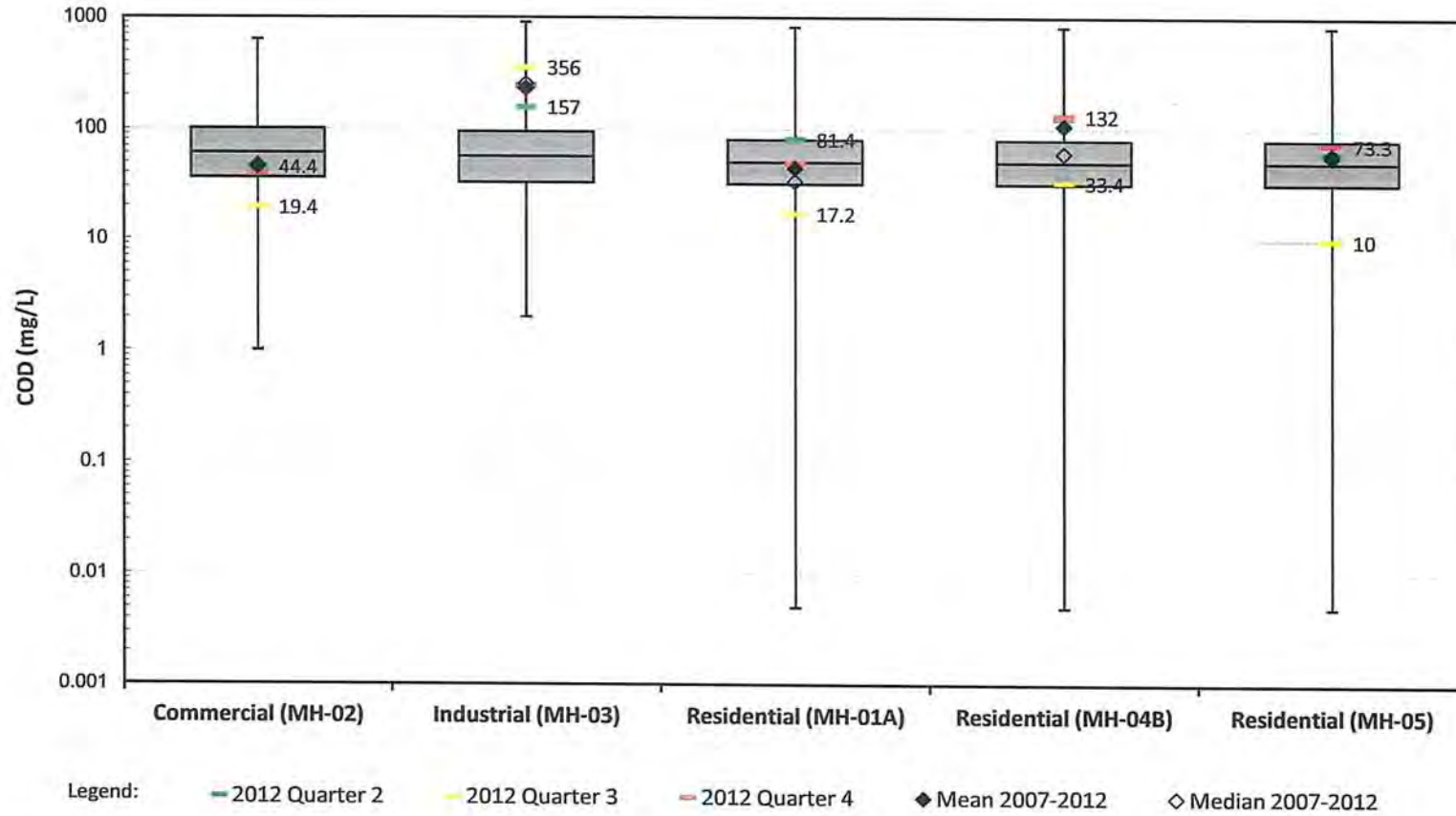


Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

¹Event Mean Concentration
²National Stormwater Quality Database, Version 3
 Note: No data were collected for 2012 Quarter 1

COD

2012 EMC¹ Comparison with
NSQD v3² Box and Whisker Plots



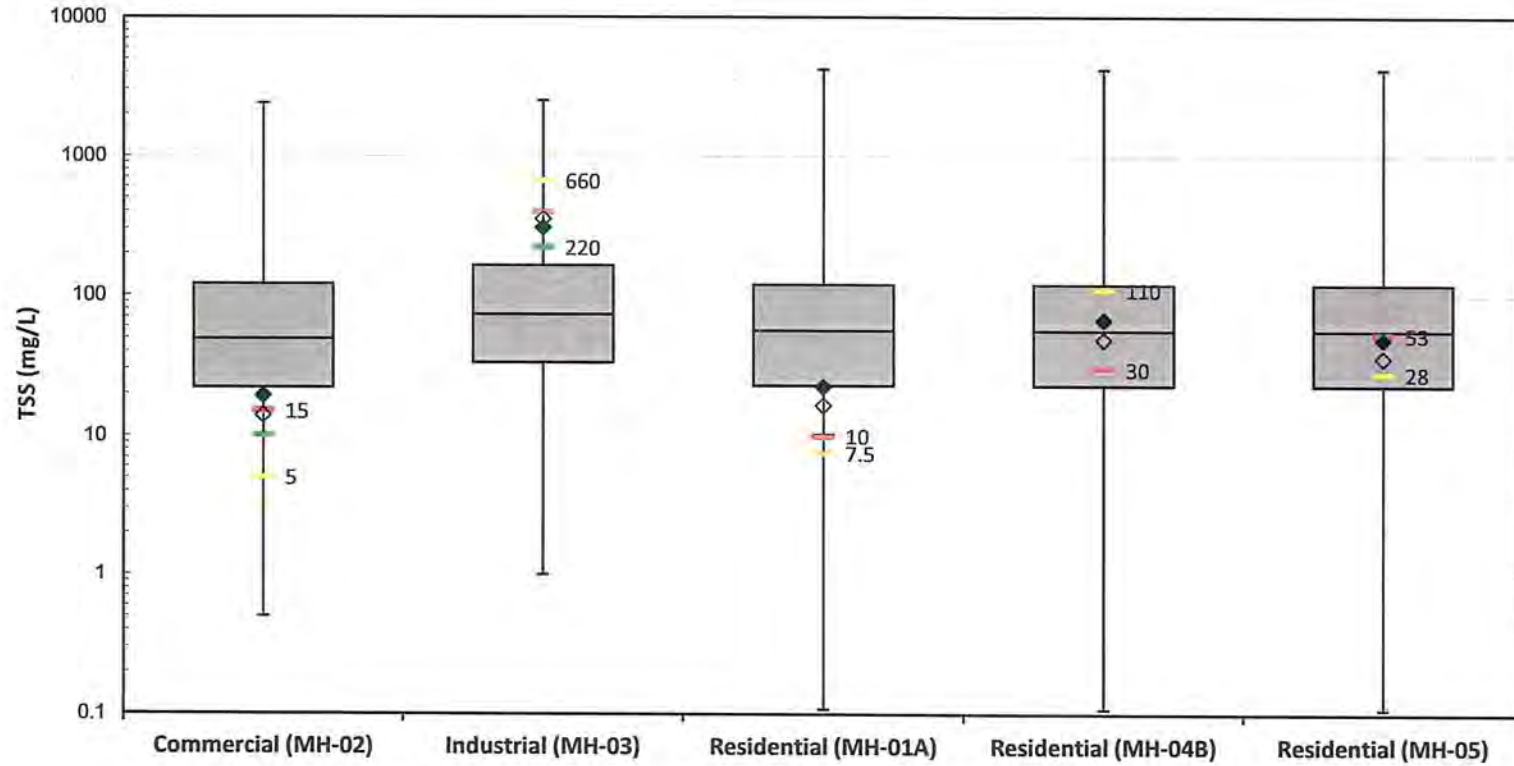
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

TSS

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: ■ 2012 Quarter 2 ■ 2012 Quarter 3 ■ 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

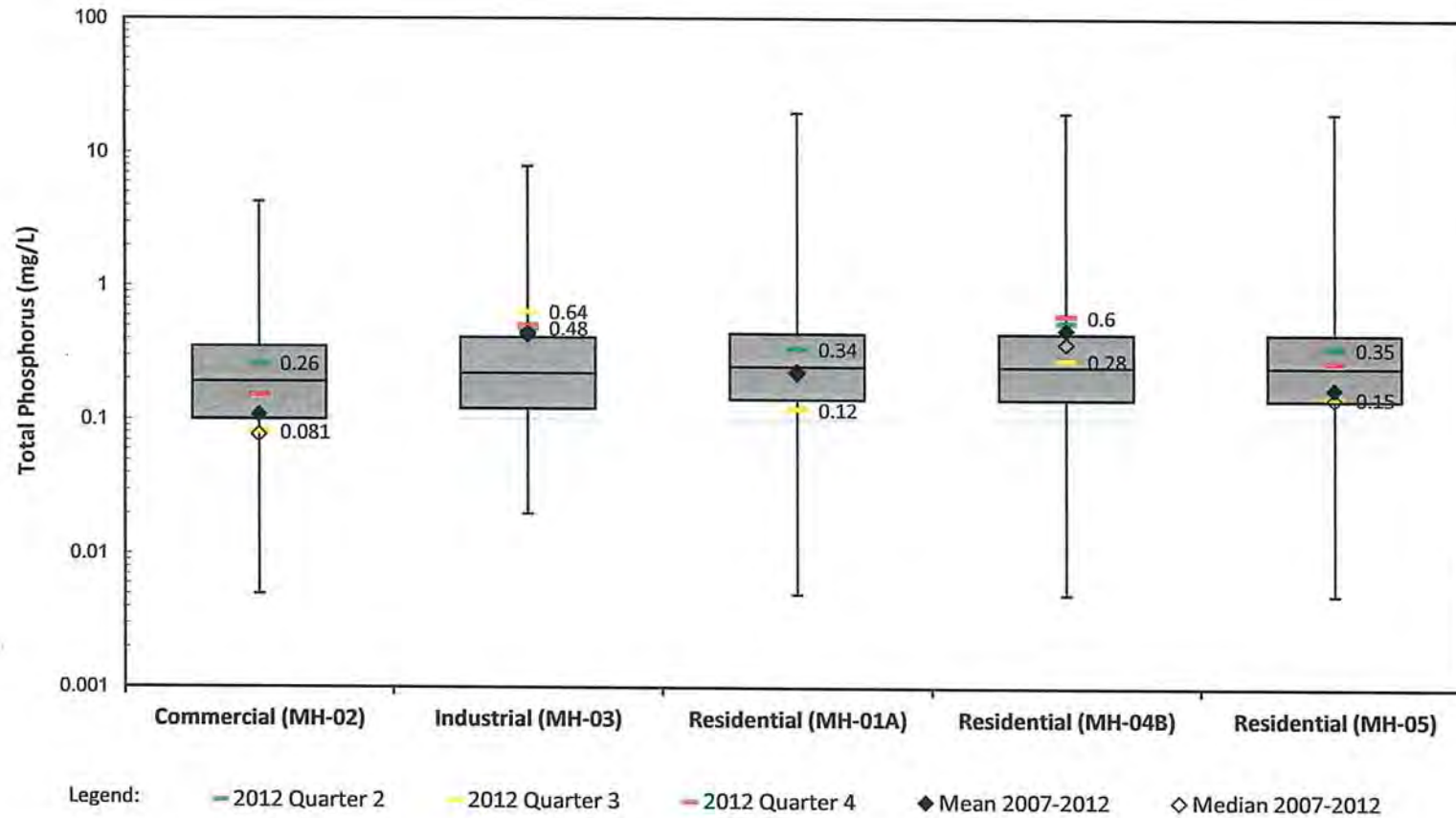
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Total Phosphorus

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



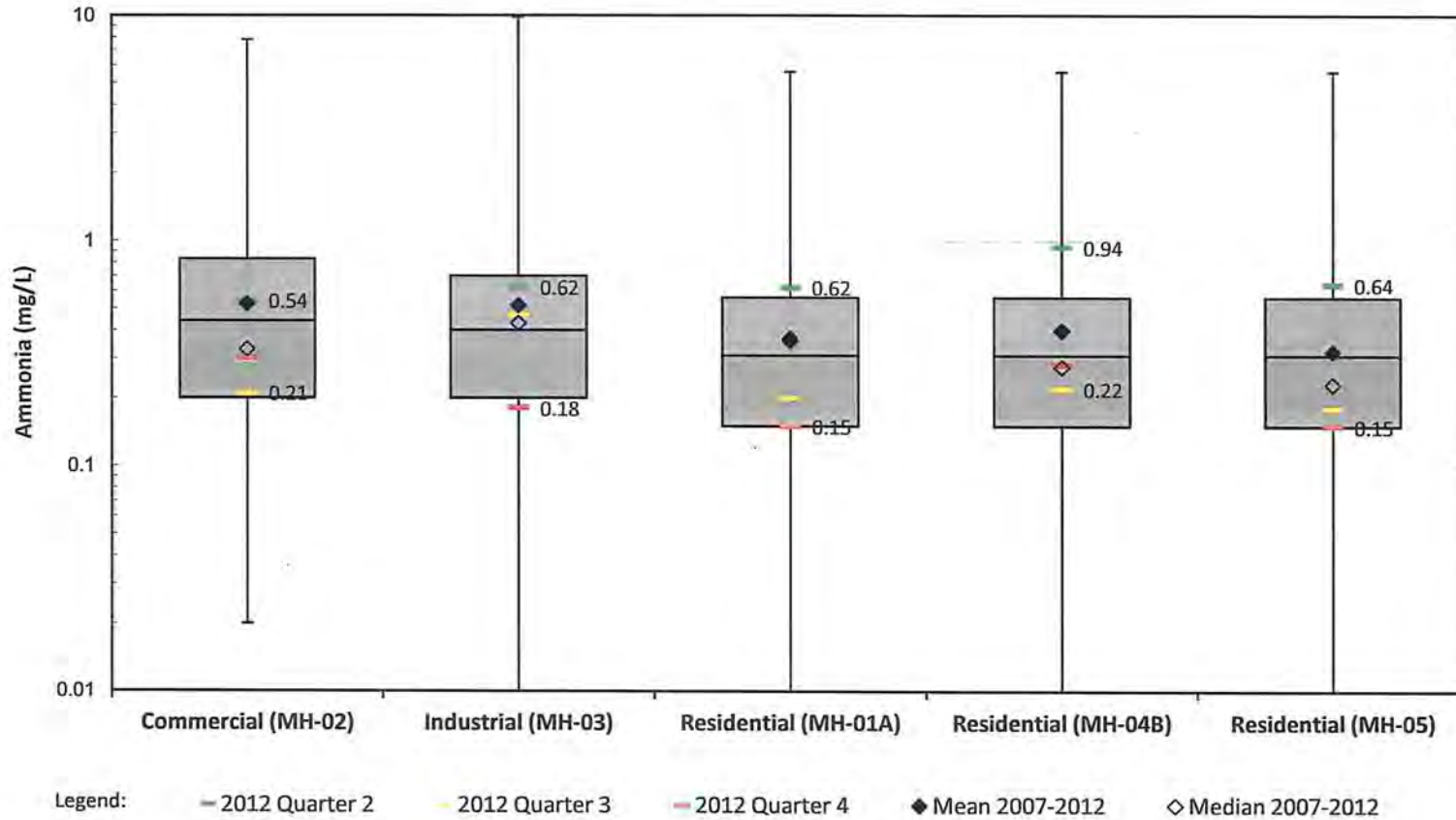
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Ammonia

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



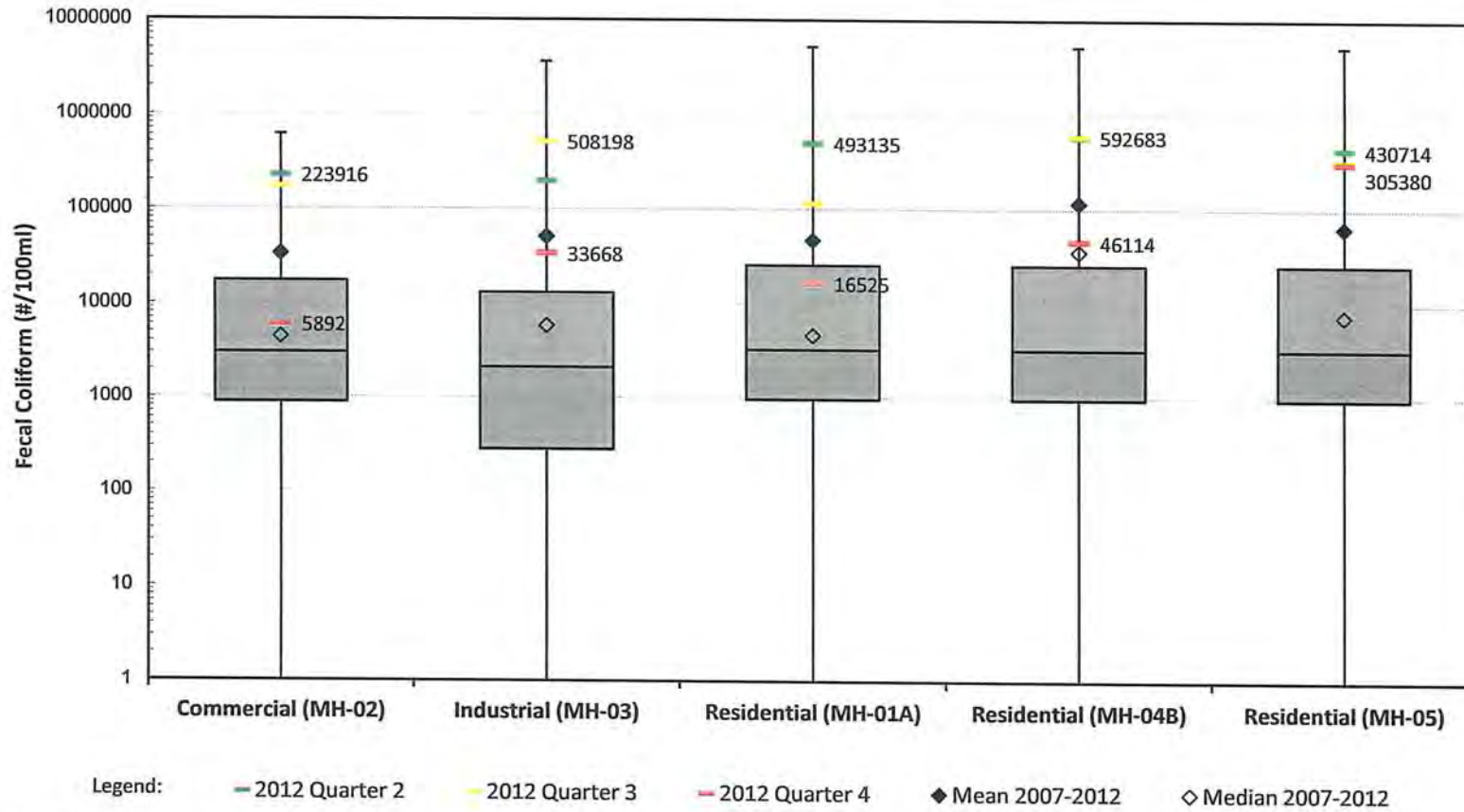
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Fecal Coliform

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



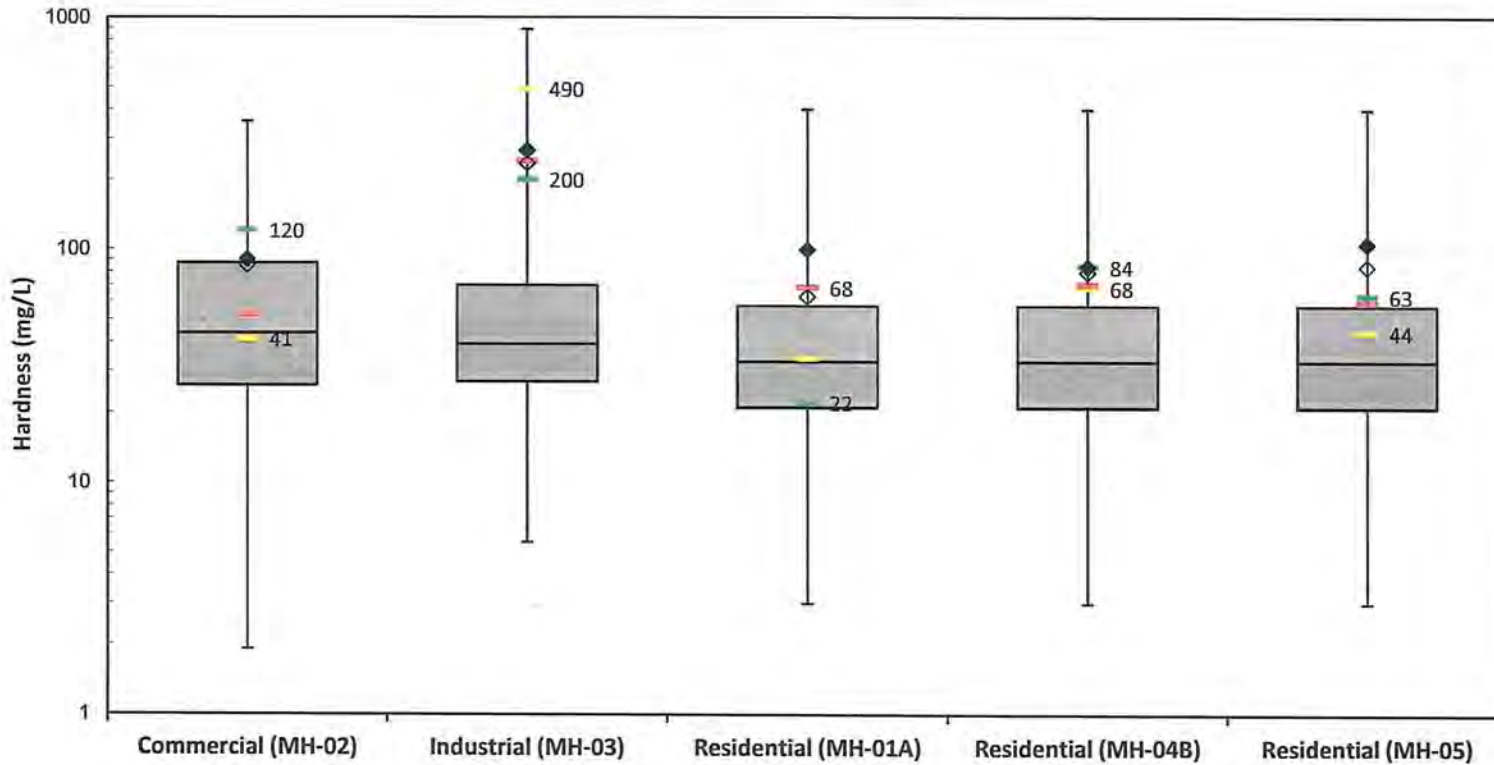
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Hardness

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

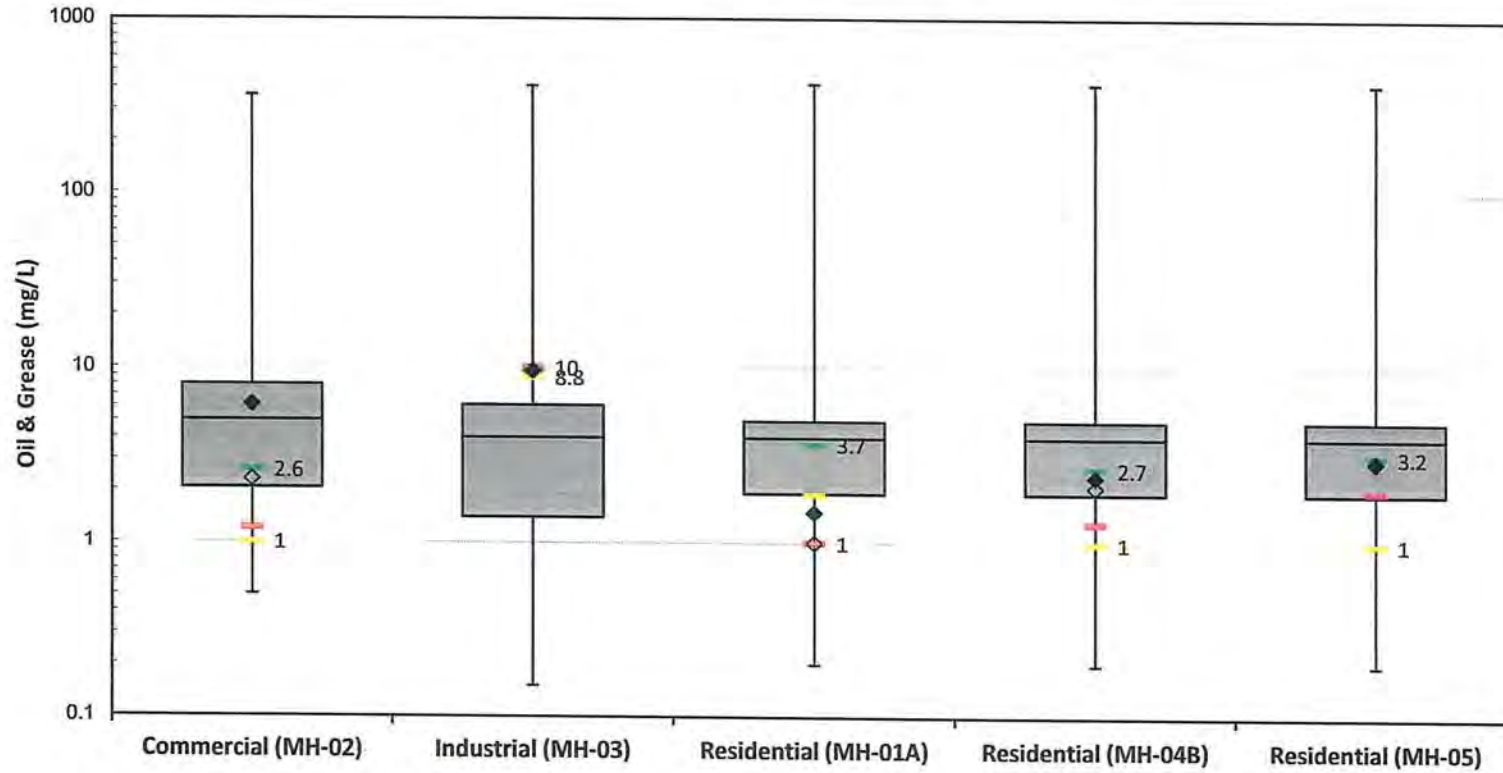
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Oil & Grease

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

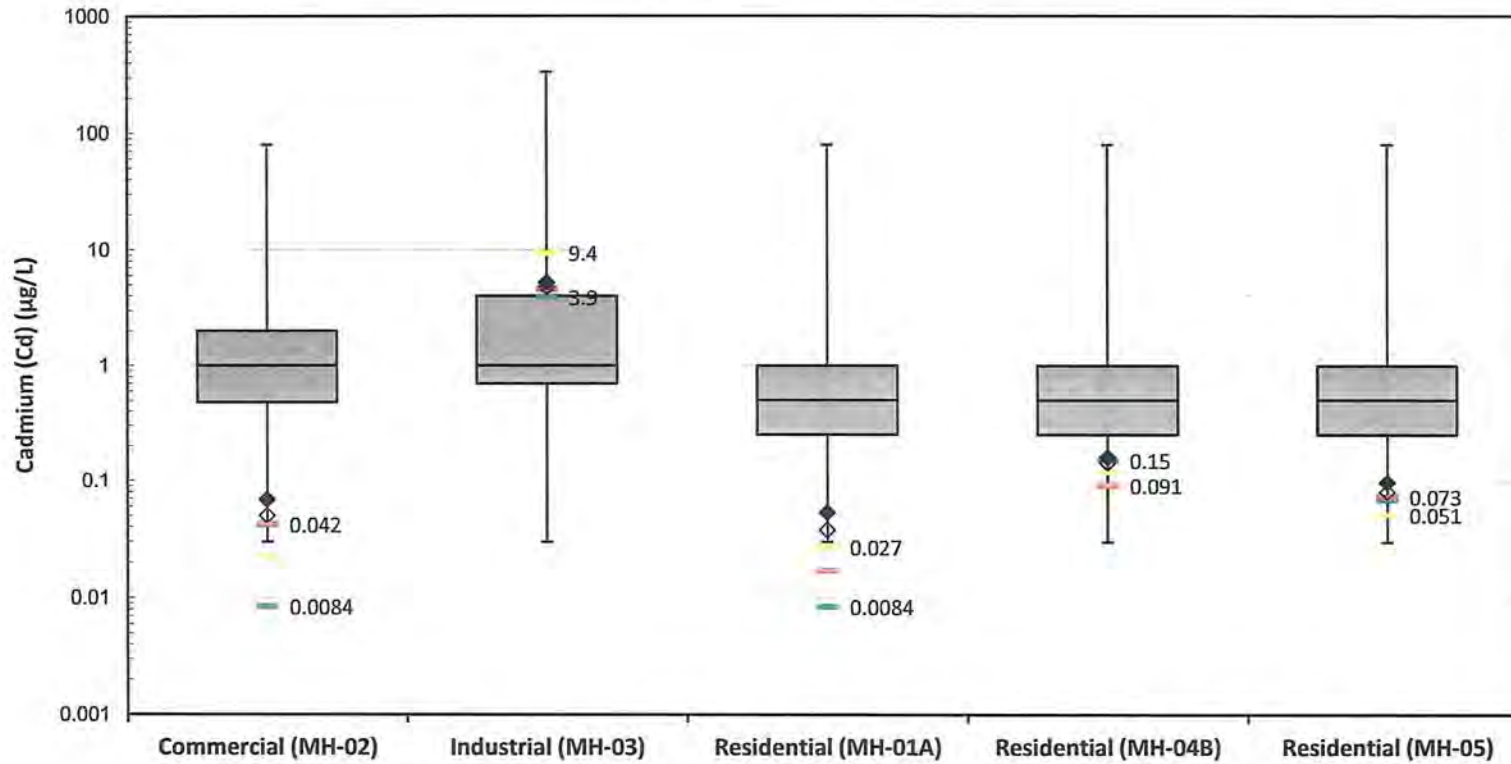
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Cadmium (Cd)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

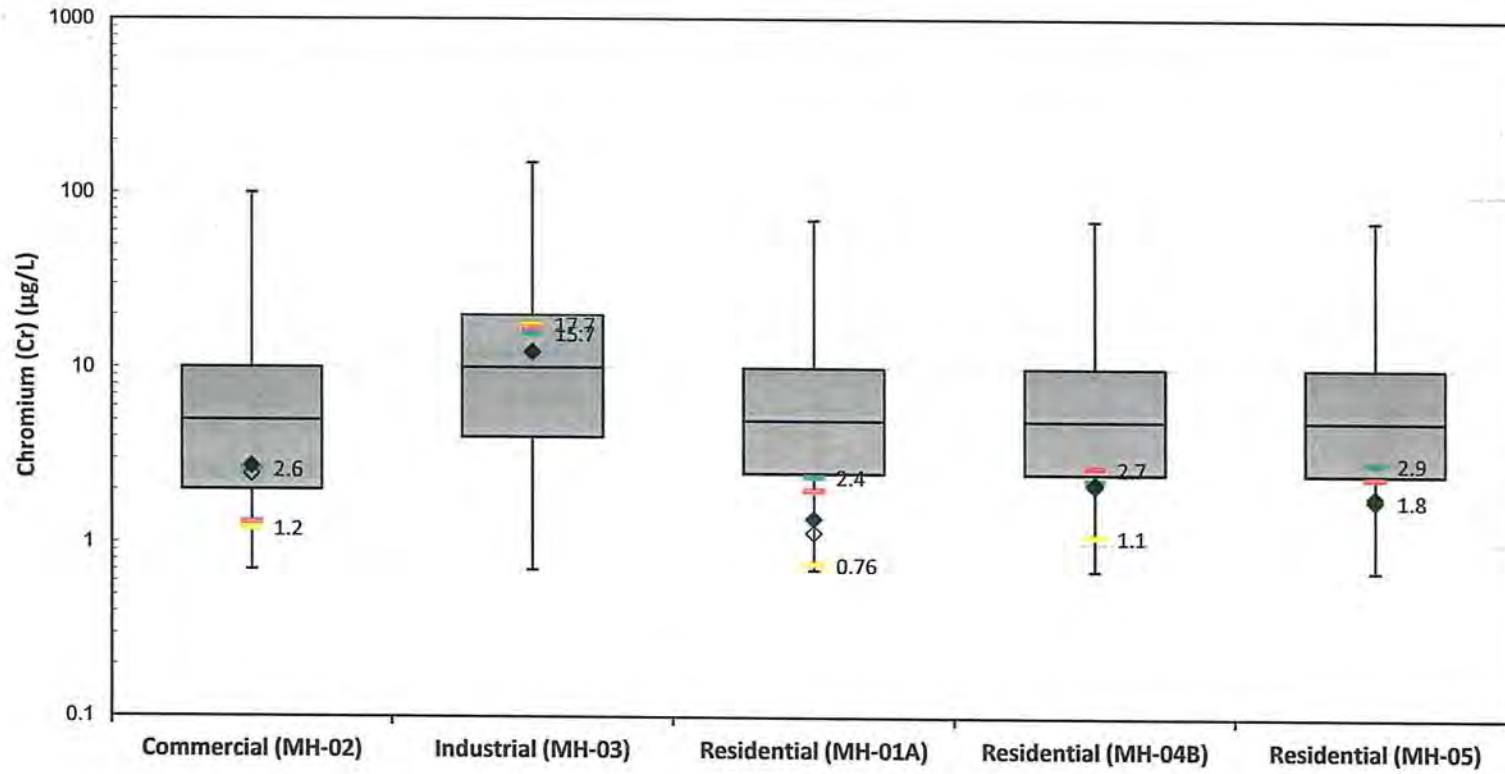
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Chromium (Cr)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

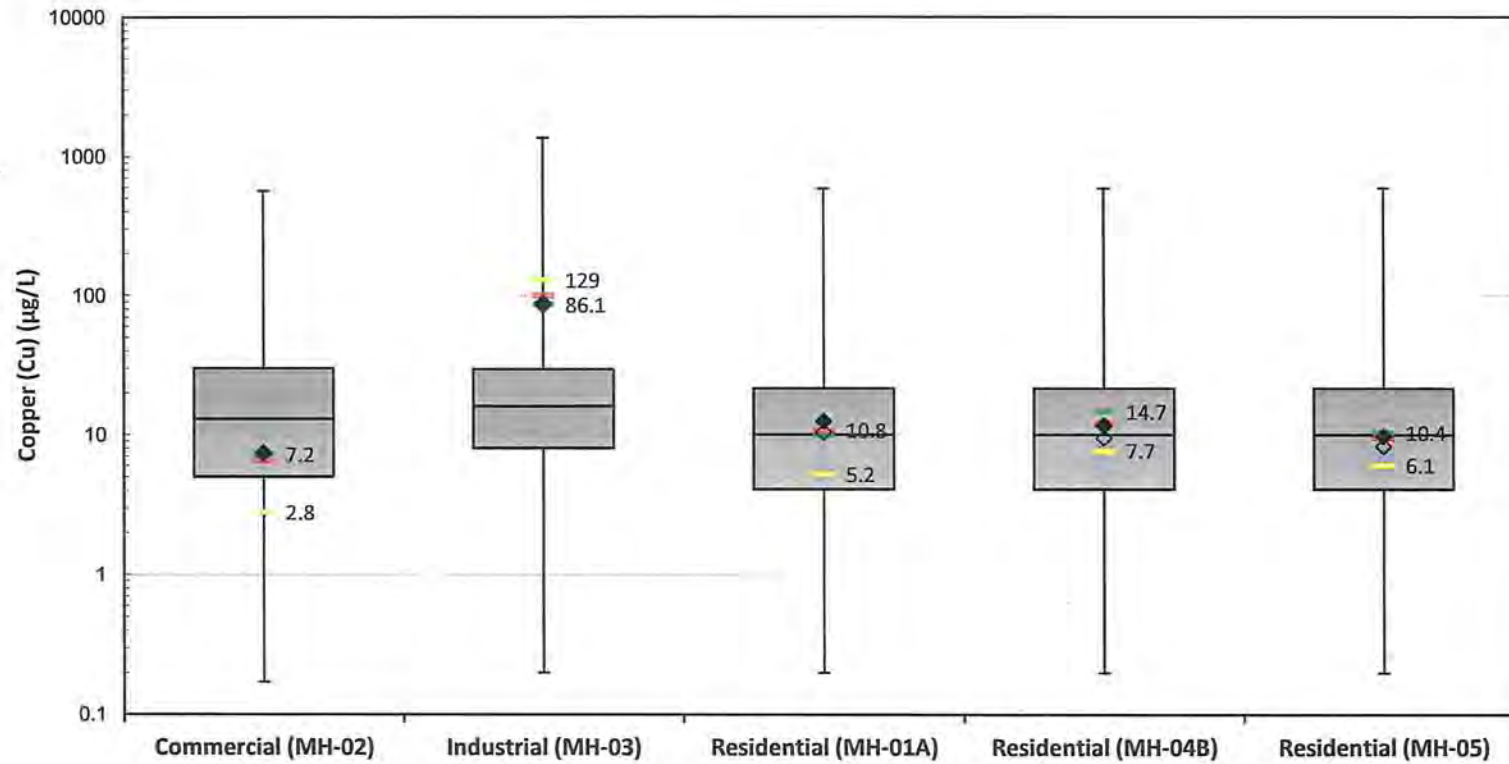
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Copper (Cu)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

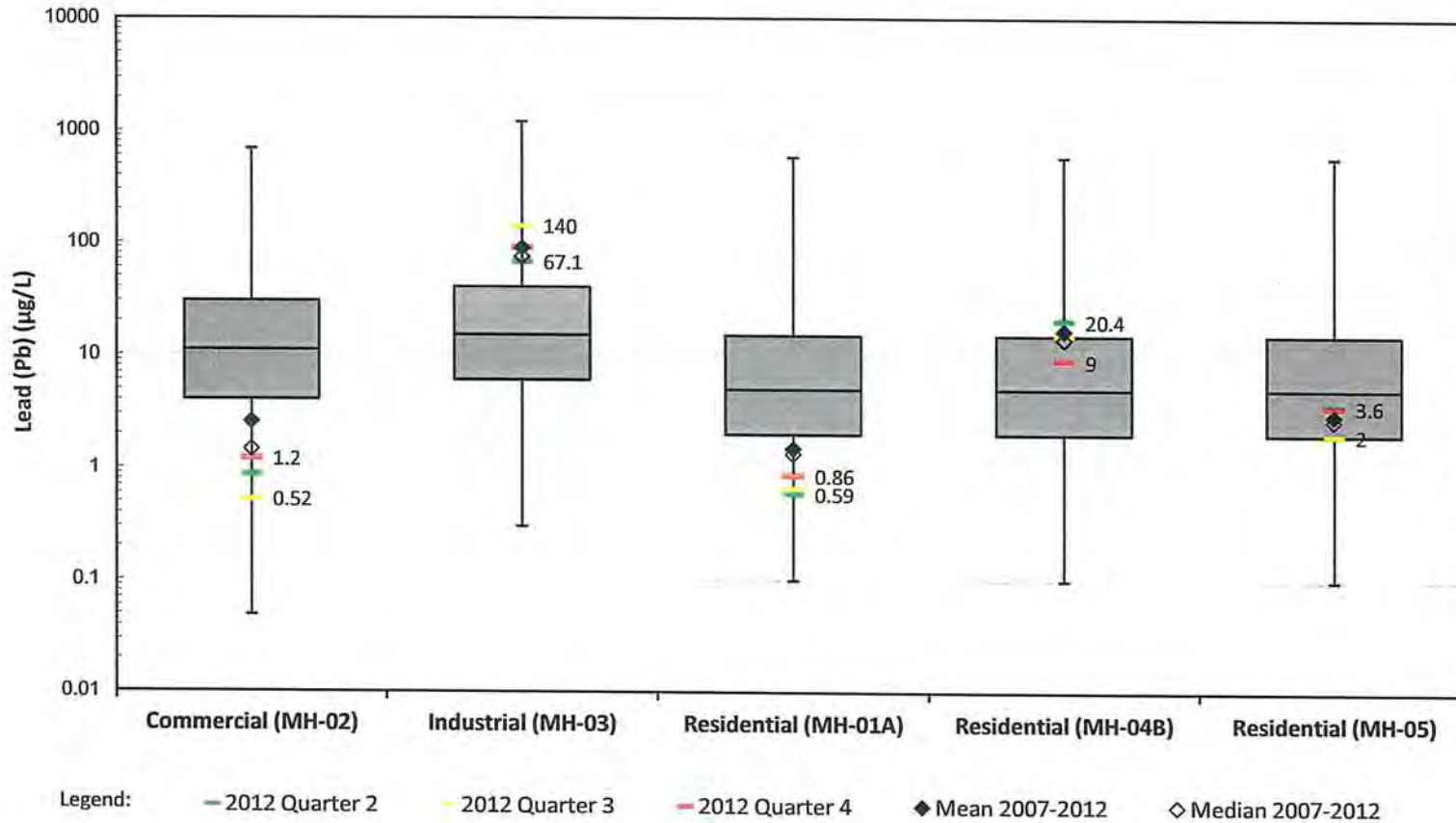
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Lead (Pb)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



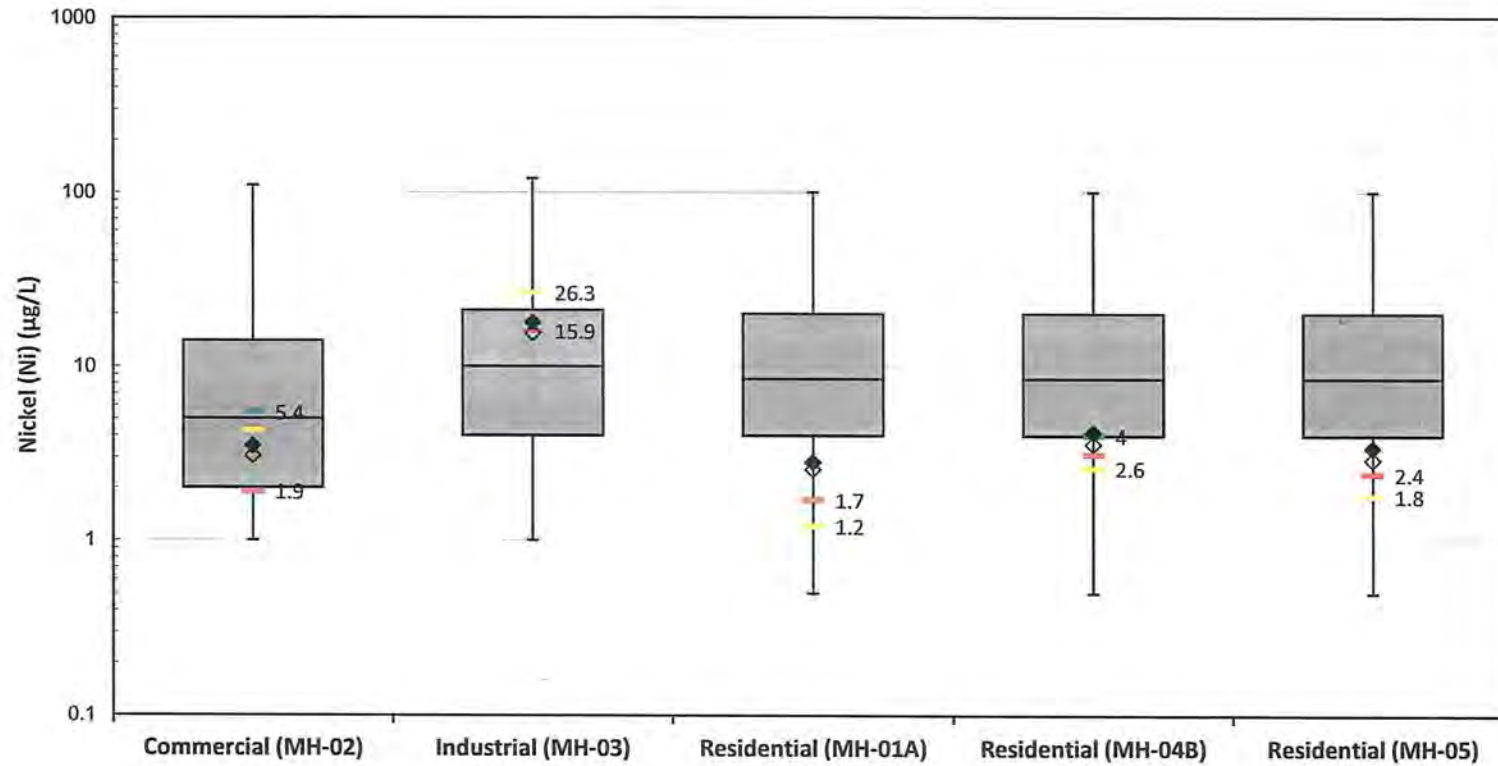
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Nickel (Ni)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



Legend: — 2012 Quarter 2 — 2012 Quarter 3 — 2012 Quarter 4 ◆ Mean 2007-2012 ◇ Median 2007-2012

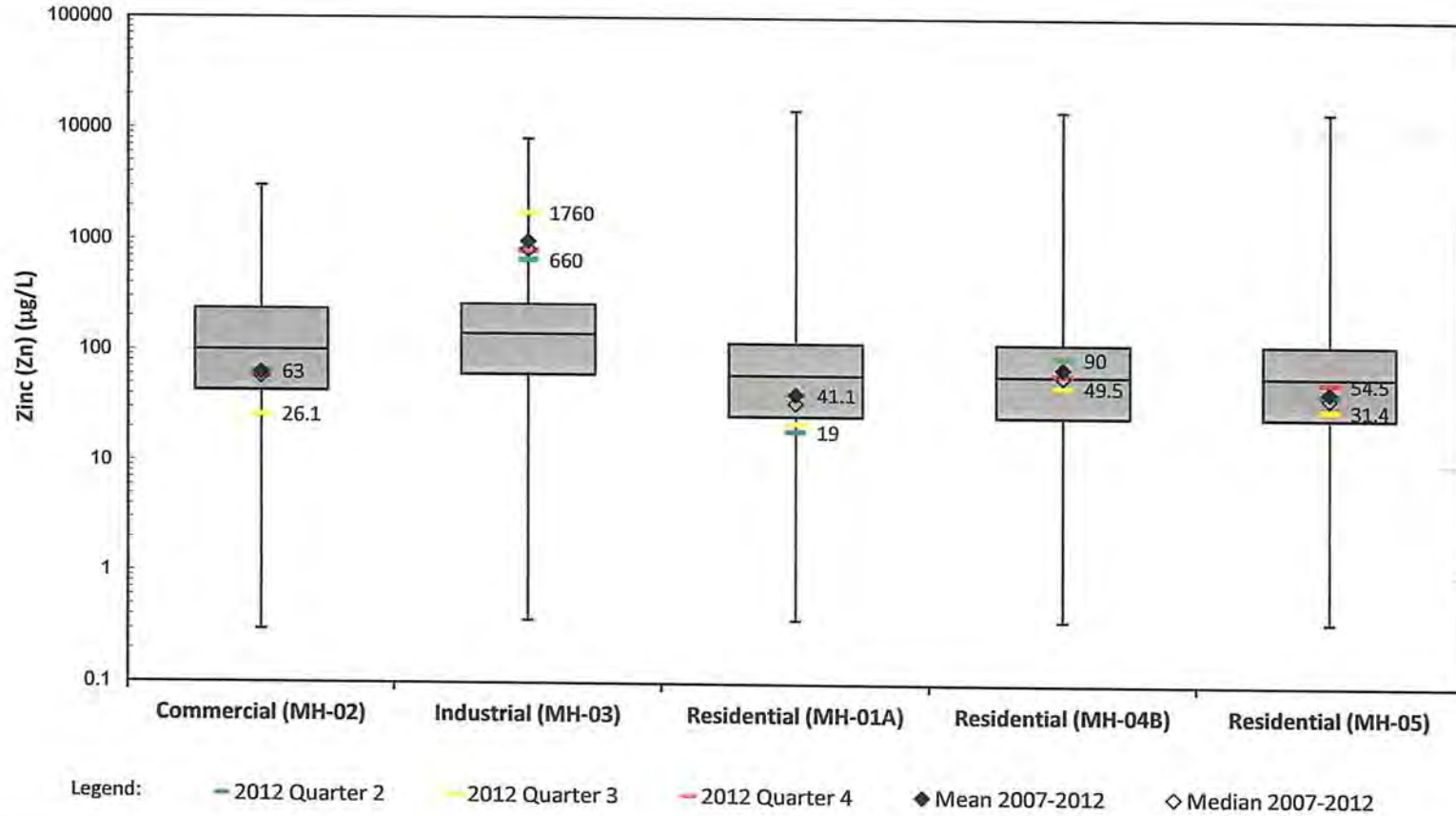
¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1

Zinc (Zn)

2012 EMC¹ Comparison with NSQD v3² Box and Whisker Plots



¹Event Mean Concentration

²National Stormwater Quality Database, Version 3

Note: No data were collected for 2012 Quarter 1