Downtown Columbus, Alexander/ AEP Park, Scioto River
Scioto River Watershed

THE CITY OF
COLUMBUS
MICHAEL B. COLEMAN, MAYOR

DEPARTMENT OF
PUBLIC UTILITIES

City of Columbus
Stormwater NPDES Permit

January 1, 2013 – December 31, 2013
(Ohio EPA Permit Numbers: 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, 2013 through December 31, 2013: 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. Program activities conducted from January 1, 2013 through December 31, 2013 under permit No. 4PI00000*CD are summarized in the following report.

1.2 Overview

The City of Columbus (City) owns and operates the municipal separate storm sewer system (MS4) defined as a system of conveyances and controls designed or used for 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 2013 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 64 acres into the City's corporation limits in 2013. 28 acres were detached from the City's corporation limits.	Approximately 314 acres of land were annexed into the City of Columbus in 2012. Evaluation of these areas identified the following items for incorporation into the City's MS4 program: 1. One Stormwater outfall 2. Four Home septic treatment systems.	The City is continuing to revise its Stormwater Management Plan to reflect changes in the new permit 4PI00000*CD. Estimated completion date for plan revision is December 31, 2014.	Evaluation of areas annexed in 2013 to identify additional Home Septic Treatment Systems (HSTS), stormwater outfalls, post-construction BMPs, and industrial locations will be conducted in 2014.
Public Education	The City's strong partnerships with local agencies, watershed groups and businesses contribute to the success of our stormwater education program.	1. In 2013, the Director of Public Utilities and several senior staff members who focus on water quality met quarterly with Central Ohio Watershed Council members in order to strengthen that relationship and keep accurate information	We continue to look for meaningful ways to measure the effectiveness of our stormwater education program.	1. The City has begun discussions with Grange Insurance Audubon Center to create an interactive stormwater demonstration area on their site located in the heart of the urban center. 2. In April, the City will kick off a

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
		flowing in both directions. 2. The Central Ohio Children's Water Festival hosted 670 fifth graders in 2013. The festival includes a strong stormwater protection message.		campaign to educate and engage residents on the topic of picking up and properly disposing of pet waste. This is our first attempt at taking a specific message to a specific audience. Once we get a better understanding of how to successfully implement such a campaign, we will begin focusing on another target message and audience.
Public Involvement	1. Opportunities to become actively involved, particularly through the GreenSpot program and activities coordinated through our partnering agencies (CORGI,	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		A Community Sustainability Initiative is in the process of being created to support small businesses in becoming GreenSpot members.

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
	MORPC, local watershed groups, etc) have generated significant public interest. 2. Active involvement is 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.	allowing more natural filtering to take place. A list of local businesses who have committed to take action to reduce stormwater runoff is provided in Appendix D. 2. Mayor Coleman recognized the first class of graduates from the Corporate Sustainability Initiative (CSI). The CSI was developed to support large businesses in becoming GreenSpot members. Six workshops cover each of the categories businesses need to commit to in order to become a GreenSpot member, including the		

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
		commitments to conserve and protect water. 3. In 2012 the OEPA granted the City a three-year period to develop a modification to the current Wet Weather Management Plan. Blueprint Columbus engages the community and asks which they prefer as we move forward: gray or green infrastructure. The public has been engaged in a variety of ways, receiving information about stormwater protection during the process.		
Illicit Discharge	The City purchased a new flow meter, two gas detectors and a handheld	1. The Columbus City Council passed legislation on		1. The City continues to promote its STEP program in an effort

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
	multi-meter during this reporting period to assist in dry weather and wet weather monitoring.	January 16, 2013 that launched the City's Septic System Elimination Program (STEP). STEP offers interest-free loans to qualifying homeowners whose property is served by a home septic treatment system. The loans cover upfront costs associated with the installation of central sanitary sewers in un-sewered areas and sewer lateral connections between the central sanitary sewer system and the home. 2. In August 2013, the Department of Public Utilities entered into an agreement with		to assist qualifying homeowners with abandonment of their HSTSs. 2. Columbus Public Health will continue to issue tap orders to HSTS owners located near an existing sanitary sewer. 3. The Division of Sewerage and Drainage is continuing to develop a prioritization process that will guide the installation central sanitary sewers throughout the City to eliminate HSTSs where feasible.

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
		Columbus Public Health to fund a full-time Sanitarian II position. This position is dedicated to ensuring HSTS compliance with the public health code and preparing tap orders that require properties served by a HSTS to connect to central sanitary sewers where such sewers are available. 3. DOSD met with Columbus Public Health in 2013 to review the list of HSTS locations across the city that appear eligible for connection to sanitary sewers. Columbus Public Health issued five tap orders to HSTS		

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
		owners on the list that require owners to connect to the City's central sanitary sewer system.		
Post Construction		1. 44 maintenance information packets were distributed to owners/management companies that are responsible of maintaining post-construction BMPs. 2. The City's stormwater enforcement action schedule was revised this reporting period to define enforcement actions that can be taken against owners who fail to maintain post-construction BMPs. 3. Maintenance activities were	BMP owners are not submitting annual inspection reports as required by the City's Stormwater Drainage Manual.	1. Review annexation data to identify WQ BMPs that may have been annexed in 2013. 2. In an effort to remind BMP owners of the their responsibility to report inspection results to the City, the City will send out our reminder letters to WQ BMP owners annually in August to remind them that inspection reports are due every year by Dec. 31st. 3. In 2014, the City will select a private

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
		performed under private contract at all city-owned bioretention facilities this reporting period.		vendor to perform ongoing maintenance work at city-owned bioretention facilities.
Good Housekeeping/Pollution Prevention		1. A SWPPP for the City's ranger station in Bellpoint, Ohio was completed this reporting period. 2. The City conducted inspections at the five City facilities where were street sweepings material are stored and handled. Recommendations to reduce potential for stormwater pollution were offered to the Department of Public Service for consideration.		1. SWPPPs for four additional Recreation and Parks facilities must be prepared. 2. A SWPPP for activities conducted at the City's McKinley Avenue quarry must be prepared. 3. Transportation to determine control practices for storing and handling street sweeping debris.
Industrial and Related Facilities	1. The names of industries that have been	167 No Exposure certifications and 114 Industrial General		1. Review 2013 annexation data to identify industries

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
	identified and contacted by the City that have not shown proof of permit or No Exposure Certification coverage are listed in Appendix P as Category 1 industries. 2. The number of Category 1 industries decreased this reporting period since 15 industries in the City's inventory re-applied for coverage under OEPA General Permit No. OHR000005. 3. 184 No Exposure Certification exemptions have	Permits have been acquired to date.		that may have been annexed. 2. The City will schedule appointments with Ohio EPA throughout 2014 to retrieve copies of NOIs, General Permit confirmation numbers, and No Exposure application and confirmation letters for industries in its inventory.

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
	expired during this reporting period.			
Wet Weather Monitoring		Monitoring at the three new outfall locations began on January 1, 2013.		Continue collection of flow data and sampling at three new outfall locations under Permit No. 4PI00000*CD.

SECTION 2 – ASSESSMENT OF BEST MANAGEMENT PRACTICES

The SWMP is an on-going effort to reduce pollutant discharges from the MS4 to the maximum extent practicable. BMPs developed and implemented by various city departments and divisions in response to requirements specified in past and current MS4 permits are evidence of this effort. Compliance tasks are conducted and coordinated by the Department of Public Utilities, Division of Sewerage and Drainage, Stormwater and Regulatory Management Section. Based upon specific SWMP goals, compliance activities are delegated to different departments or divisions including Department of Public Service, Department of Public Safety, and Department of Recreation and Parks. Each of these departments administers practices targeted at reducing pollution from stormwater runoff. 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 permit 4PI00000*CD requires the City to develop and report on the implementation of BMPs and measurable goals for each element of the City's SWMP. 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. BMPs are generally described as activities, regulation 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 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 updated to revise:

1. descriptions of how BMPs are implemented,
2. written procedures the City uses to address stormwater quality throughout its various program elements,
3. rational statements,
4. evaluation methods, and
5. departments responsible for BMP implementation.

The estimated completion date for plan revisions is December 31, 2014.

PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS
SWMP Component: Identify Target Pollutants

BMP PE1– Identify Target Pollutants				
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 detailers and development.	√		
2. Review target list during preparation of the City's annual compliance report to Ohio EPA.	Pet waste will be our target issue and pet owners will be our target audience in 2014. An implementation plan for the pet waste campaign was prepared this reporting period.	√		
3. Assess changes in public awareness and behavior resulting from the public education program.	The number of pet owners choosing the GreenSpot commitment to pick up and properly dispose of their pet's waste will serve as our tracking method.			In progress
Planned Activity for Next Reporting Period:	The pick-up pet waste campaign will kick off in April 2014.			
Discussion:				

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 Period[1]:**	**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 163,304 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 two 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 606,271 bill inserts and information was also available on DPU's Web site.	√		
5. Issue at least one stormwater-related press release per year.	Issued 1 stormwater related press releases and posted 28 stormwater-related Facebook status updates.[2]	√		

[1] See Appendix B for detailed summary of Public Education and Outreach activities.
[2] See Appendix C for copies of stormwater press releases and Facebook status updates.

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. Conduct 24 Food Service Programs where restaurant employees are educated about prevention of illicit discharges during parking lot and dumpster cleaning.	1. 65 Food Service Program training sessions were held. 2. 1,171 restaurant employees attended the Food Service Program.	√		
7. Develop partnerships with local agencies to promote environmental stewardship and involve local environmental and educational groups.	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 a partner in the Central Ohio Rain Garden Initiative (CORGI). Franklin Soil Water and Conservation District leads the effort with	√		

BMP PE2 – Develop and Publicize Educational Materials				
Status: Ongoing				
Measurable Goals	**Summary of Activity During Reporting Period[1]:**	**Measurable Goals Achieved?**		
		Yes	**No**	**Other**
	services being provided by various agencies including Columbus. With funding from the Ohio Environmental Education Fund, CORGI has provided training and resources to 60 employees representing three local garden centers to reach out to their customers regarding rain gardens, stormwater issues, and native plants.			
8. 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 four 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. The We All Live Downstream brochure was also available to residents. 2. The GreenSpot web-based program was developed to educate, inspire and recognize those trying to live greener[3]. Outreach/publicity materials included approximately 314,000 bill inserts, three 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] Appendix D 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
	businesses who went above and beyond the requirements. 3. Thirteen large businesses including The Ohio State University, Anheuser-Busch, Limited Brands, AEP, Kroger, and more completed the GreenSpot Corporate Sustainability Initiative. The CSI is a six week course that provides networking and learning opportunities to businesses interested in becoming GreenSpot members. One of the six sessions focuses solely on options available in the Conserving and Protecting Water section, where the department's stormwater protection message is conveyed. 4. Third and fourth graders in Ohio Elementary School's Earth Patrol Club earned a GreenSpotLight Kids award for promoting the GreenSpot message that includes stormwater protection at school, at home and in the community. 5. Two Green Walk maps that feature stormwater protection messages continue to be a popular tool. The first Green Walk is of Whetstone Park, the second is a generic map that teachers can use on school grounds. An activity sheet is included in the generic Green Walk. 3,200 Whetstone			

BMP PE2 – Develop and Publicize Educational Materials

Status:
Ongoing

Measurable Goals	Summary of Activity During Reporting Period[1]:	Measurable Goals Achieved?		
		Yes	No	Other
	Park maps have been 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:	Meet or exceed measurable goals.
Discussion:	A GreenSpot program coordinator was hired by the City and is in the process of developing a new category for neighborhoods.

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 163,304 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://www.columbus.gov/Templates/Detail.aspx?id=64642	√		

Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.
Discussion:	

Same as PEA item 2

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 163,304 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://www.columbus.gov/Templates/Detail.aspx?id=64642	√		
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

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 163,304 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://www.columbus.gov/RecyColumbus/ 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://www.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

BMP PI1 – Identify and Actively Involve Target Audiences

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.	The target list was updated this reporting period to include the following: 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 detailers and development.	√		
2. Track number of residents that participated in the City's stormwater public participation program each year.	1. 212 volunteers participated in two DPU-sponsored river clean up events in June and September 2013. 2. Total volunteers, estimated: 120 (estimate based on three 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 2013 the program benefited from the utilization as part of Columbus State's 50th anniversary celebration; staff and faculty applied markers not only on campus but in the surrounding area, and an additional community involvement project at the nearby Columbus College of Art and Design.	√		

BMP PI1 – Identify and Actively Involve Target Audiences				
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**
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 163,304 brochures and 588,192 bill inserts.	√		
2. Distribute 300 storm drain markers to volunteer groups per year.	Distributed 588 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

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 four waterway cleanups in four watersheds: Olentangy, Scioto, Big Walnut and Alum Creek (three 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 302,749 bill inserts publicizing River Pride cleanups and volunteers were also made aware of volunteer opportunities through the 163,304 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.	One 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

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.	831 rain barrels were distributed to Central Ohio residents during this reporting period.	√		

Planned Activity for Next Reporting Period:	
Discussion:	With funding from the Ohio Environmental Education Fund, CORGI has provided training and resources to 60 employees representing 3 local garden centers to reach out to their customers regarding rain gardens, stormwater issues, and native plants.

PUBLIC INVOLVEMENT AND PARTICIPATION
Required SWMP Component: Public Involvement and Participation Activities

BMP PI5 – Pet Waste Collection Bags

Status:
Ongoing, as needed

Measurable Goals	Summary of Activity During Reporting Period:	Measurable Goals Achieved?		
		Yes	No	Other
1. Maintain nine kiosks in city reservoir parks with pet waste bags.	Nine kiosks were maintained with pet waste bags at city reservoir parks.	√		
2. Distribute 9,000 pet waste bags for use at city reservoir parks.	8,000 pet waste bags were distributed at city reservoir parks.		√*	

Planned Activity for Next Reporting Period:	Meet or exceed measurable goals.
Discussion:	*This goal was not met due to a 20% reduction in personnel experienced during this reporting period.

PUBLIC INVOLVEMENT AND PARTICIPATION
Required SWMP Component: Public Involvement and Participation Activities

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 three annual HHW drop off event.	√		
2. Track amount of HHW collected per year.	Collected 184 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

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.	309 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.	511 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:	*This goal was not met due to a temporary 20% reduction in personnel experienced during this reporting period. Two staff positions were vacant during this reporting period. Staff positions are expected to be filled during 2014.			

PUBLIC INVOLVEMENT AND PARTICIPATION
SWMP Component: Public Involvement and Participation Activities

BMP PI8 – Public Hearings and Presentations

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.[4]	√		
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 six public meetings/hearings (one special rate hearing at City Council and five 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:	

[4] See Appendix E 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 163,304 brochures, 606,271 bill inserts and one 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:				

ILLICIT DISCHARGE
Required SWMP Component: Prohibit Non-Stormwater Discharges

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:				

ILLICIT 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. 28 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.[5]	√		

Planned Activity for Next Reporting Period:	
Discussion:	To enhance the City's ability 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. 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

[5] See Appendix F 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
	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. 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. 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.			

ILLICIT 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.	√		
2. Field crews will receive annual training in dry weather field screening procedures.	Field crews attended three training sessions to review proper screening procedures[6].	√		
3. Dry weather field screen 100% of major outfalls by end of five-year permit cycle.	1. 1,279 outfalls were field screened during this reporting period[7]. 2. ~~968~~ 311 outfalls exhibited flow during dry weather screening	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	11 instances of illicit discharges were identified through field screening activities[8].			

[6] See Appendix G for training summary of City personnel.
[7] See Appendix H for major outfall dry weather screening results.
[8] See Section 3.2 for description of illicit discharges identified through dry weather outfall screening.

ILLICIT DISCHARGE
SWMP Component: Illicit Discharge Detection Program

BMP ID4 – Illicit Discharge Investigations				
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[9]. No changes were warranted this period.	√		
2. Train investigators annually on established procedures for illicit discharge investigation, response, and notification.	Field crews attended three training sessions to review illicit discharge detection and notification procedures[10].	√		
3. Investigate each illicit discharge detected during dry weather field screening.	11 illicit discharges were found during dry weather screening and all 11 of the illicit discharges were investigated[11].	√		
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 77 reports of illicit discharge from general public.* 2. Responded to 77 reports of illicit discharge as reported by the general public[12].	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	*Of the 77 reports of illicit discharges received, 62 reports resulted in the identification of an illicit discharge.			

[9] Written investigation procedures are included in the City's current Stormwater Management Plan.
[10] See Appendix G for training summary of City personnel
[11] See Section 3.2 for more information about these investigations.
[12] See Appendix I for summary of illicit discharge reports and investigations

ILLICIT DISCHARGE
Required SWMP Component: Illicit Discharge Elimination Program

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 77 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.	76 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 was reviewed and revised this reporting period.	√		
4. Apply appropriate enforcement actions to eliminate each identified illicit discharge[13].	1. 26 Notices of Violation were issued. 2. $750 in Administrative Fines was assessed. 3. 21 illicit discharges were referred to other agencies for enforcement/elimination.	√		

Planned Activity for Next Reporting Period:	Meet or exceed measurable goals
Discussion:	*Columbus Public Health is working with the owner of a malfunctioning home septic treatment systems to get the system repaired. Status of illicit discharge investigations presented in 2012 Annual Report: *One report of illicit discharge investigated was not closed out at the end of this reporting period (2012). 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*

[13] 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**
	discharge is anticipated to occur during 2013 once the water main is fixed. Update: The water leak was fixed during 2013 so dye testing to determine the source of an illicit discharge could proceed. Dye testing determined that no sanitary sewerage was entering the MS4. Update: One (1) illicit connection to the City's storm sewer system along the north side of Windsor Avenue west of Joyce Avenue remains connected as of the end of 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 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

BMP CP1 – Construction Site Pollution Prevention Regulation				
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

BMP CP2 - Construction Site Pollution Prevention Plan Review and Approval Process				
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[14].	1. 270 construction site pollution prevention plans were submitted to the City for review/approval. 2. 270 construction site pollution prevention plans were reviewed and approved.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

[14] See Appendix J for a list of Erosion and Sediment Control Plans that were reviewed.

CONSTRUCTION
SWMP Component: Construction Program

BMP CP3 – Construction Site Inspection

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.	√		
2. Train inspectors annually on established procedures for construction site inspection.	Construction inspectors attended the Central 2013 Ohio Stormwater and Erosion Control Expo and participated in other training opportunities[15].	√		
3. Perform eight construction inspections per year per construction site.[16]	1. 4,330 construction site inspections were performed. 2. Responded to 36 various storm/SWPPP related reports from the general public. 3. The average number of active construction site inspections per month was 361.	√		
4. Perform a follow-up inspection within 10 days from the date a Construction Inspection Report or formal Request for Voluntary Compliance is issued.	There were 108 construction sites in non-compliant status; 106 were resolved within 10 days. Two were issued NOV's. Additionally, one of the two NOV's was accompanied with an Administrative Fine totaling $500.	√		
5. Maintain 85% of construction sites in compliance with the City's Construction Site Pollution Prevention Regulations.	Over 99% of construction sites inspected were in compliance.	√		
Planned Activity for Next	Meet or exceed measurable goals			

[15] See Appendix G for training summary of City personnel.
[16] See Appendix K 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

BMP CP4 – Tracking and Enforcement				
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. 270 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 270. 3. Added 4,330 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 was reviewed and revised this reporting period.	√		
3. Apply appropriate enforcement actions to achieve compliance with the City's Construction Site Pollution Prevention Regulation[17].	1. Two Notices of Violation were issued. 2. One Administrative Fines was assessed.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

[17] See Section 5.1.2 for summary of construction enforcement actions taken during reporting period.

POST CONSTRUCTION
SWMP Component: Post Construction Regulations

BMP PC1 – Post-Construction BMP Requirements				
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.	Revisions to SWDM were completed in August 2012. No revisions were made to the SWDM this reporting period.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

POST CONSTRUCTION

SWMP Component: Post Construction Planning Documents

BMP PC2 – Post Construction BMP Planning and Guidance Document

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 completed in August 2012. No revisions were made to the SWDM this reporting period.	√		

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 of post construction stormwater BMPs as required by the SWDM.	1. 63 new development and redevelopment plans were submitted to and reviewed by the City[18]. 2. 37 new development and redevelopment plans were required to have post construction BMPs. 3. The design of 55 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 272 new development and redevelopment sites.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goal			
Discussion:				

[18] See Appendix L 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

BMP PC4 – BMP Maintenance Requirements and Inspection				
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. 381 post-construction BMPs have been constructed to date. 2. Inspected 64 post-construction BMPs for proper maintenance and operation during this reporting period[19]. 3. 40 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:	*Temporary restrictions on staff resources resulted in fewer BMP inspections this reporting period. A redistribution of task assignments amongst current staff will occur in 2014 that will allow the City to attain its inspection goal.			

[19] Sites where post-construction BMPs were inspected are listed in Appendix M.

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. 64 (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 272.	√		
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 64 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 was reviewed and revised this reporting period.	√		
4. Apply appropriate enforcement actions to ensure post construction BMP maintenance compliance.	44 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

BMP GH1 - Identify Facilities Owned/Operated and Activities Conducted by the City having Potential to Generate Stormwater Pollution

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 81[20].	√		

Planned Activity for Next Reporting Period:	Meet or exceed measurable goal
Discussion:	1. Walnut Hill Golf Course closed in 2012 and was removed from the City's O&M inventory. 2. Four Recreation and Park locations were added to the City's O&M inventory this reporting period. These facilities were not originally identified for inclusion in the inventory. 3. The Downtown Maintenance Zone for Recreation Parks was closed this reporting period and has been removed from the City's O&M inventory. 4. 3500 Indianola and 3568 Indianola were combined into one location in the City's O&M inventory. 5. A SWPPP is being prepared by the Division of Water to address temporary stockpiling of dirt at the McKinley Ave. quarry. The SWPPP will be completed in 2014.

[20] See Appendix N for current list of City facilities that conduct activities having stormwater pollution potential.

POLLUTION PREVENTION/GOOD HOUSEKEEPING
Required SWMP Component: Pollution Prevention Procedures

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[21] that require coverage under OEPA's Industrial Stormwater Permit Program.	General permit confirmation letters were issued to six city-operated facilities by Ohio EPA during the 2012 reporting period[22].	√		
2. Incorporate written P2 practices into SWPPPs for Tier II city facilities[23].	SWPPPs have been prepared for 77* facilities as of the end of this reporting period.			In progress*
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	* SWPPPs for four additional Recreation and Parks facilities must be prepared.			

[21] Tier I facilities are defined as those facilities that require coverage under an Industrial Stormwater NPDES permit or No Exposure Certification.
[22] See Appendix N for industrial permit numbers for regulated City facilities.
[23] 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

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.	No new sweepers were purchased during this reporting period.			N/A
2. Sweep 10,000 curb miles of city streets each year, weather pending.	38,103 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.	8,567 tons of debris and litter were collected and disposed.	√		
4. Evaluate and revise, if needed, the storage and handling of collected street sweeping material to reduce potential for stormwater pollution.	The Stormwater and Regulatory Management Section (SWRMS) conducted inspections at the five Transportation Division facilities where street sweeping materials are stored and handled. Inspections were conducted at the Marion Road Outpost on 5/31/2013, Central Outpost on 6/3/2013, 25th Maintenance Yard on 6/4/2013, North Outpost on 6/5/2013 and the Roberts Road Outpost on 6/17/2013. SRMS recommended best management practices to the Transportation Division to reduce potential for stormwater pollution. The Transportation Division is in process of evaluating BMPs.	√		

Planned Activity for Next Reporting Period:	Meet or exceed measurable goal
Discussion:	

POLLUTION PREVENTION/GOOD HOUSEKEEPING
Required SWMP Component: Pollution Prevention Procedures

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 de-icing material stockpiles under roof or otherwise to prevent materials from entering stormwater runoff.	City stored all deicing materials in six salt barns.	√		
2. Annually calibrate salt spreaders to meter the minimum amount of material for public safety.	All 59 trucks used for de-icing operations and snow removal were calibrated for minimum salt application.	√		
3. Provide training annually to city staff performing de-icing operations to ensure that the established BMP procedures are followed and the minimum amount of de-icing materials is applied to ensure public safety.	163 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

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.	328,749 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. 376 neighborhood litter cleanups were conducted. 2. 344,180 pounds of refuse was collected and disposed.	√		
3. Collect yard waste from over 225,000 single-family residential households each week.	31,245 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

BMP GH6 – Stormwater Infrastructure Inspection, Tracking, and Maintenance

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. 12,651 catch basins/inlets were inspected 2. 3,094 catch basins/inlets were cleaned	√		
2. Televise 15,000 lineal feet storm sewer annually.	24,051 lineal feet of storm sewers were televised.	√		
3. Clean 50,000 feet of storm sewer pipe per year.	66,899 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. Six 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.	338 trash rack inspections were conducted. 437 trash racks cleanings were performed.	√		
7. Clean 30,000 lineal feet of drainage ditches annually.	~~4,233~~ feet of drainage ditches were cleaned. 10,233 ft	√		
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 11,235 storm, sanitary, and combined collection system maintenance activities in the Oracle application.			
9. Prepare written pollution prevention (P2) practices for stormwater system maintenance activities.	SWPPP for the City's Sewer Maintenance Operations facility is currently under revision and will include written P2 practices for storm sewer maintenance.			In progress

Planned Activity for Next Reporting Period:	Meet or exceed measurable goal
Discussion:	

POLLUTION PREVENTION/GOOD HOUSEKEEPING
Required SWMP Component: Training and Education

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.	322 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. 311 employees were trained at Tier I facilities. 2. 483 employees were trained at Tier II facilities.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

[24] See Appendix G for summary of City training sessions conducted this reporting period.

INDUSTRIAL AND RELATED FACILITIES
Required SWMP Component: Inventory of Industrial Facilities

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: 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 867.	√		
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

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
1. Contact Ohio EPA and new industries as they are identified to request: 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: a. 98 Notices of Intent and 99 OEPA NPDES permit numbers b. 271 No Exposure Certifications c. 103 SWPPPs, 35 SPCC plans, and 11 integrated plans 2. Monitoring data for 36 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. 586 Category 1 industries have been identified[26]. 2. 281 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 P for list of Category 1 Industries.

[27] See Appendix Q 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:	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 during the 2014 reporting period. 3. Follow-up with Ohio to acquire monitoring data for Category 2 industries during the 2014 reporting period.
Discussion:	

INDUSTRIAL AND RELATED FACILITIES
Required SWMP Component: Industrial Facility Inspection Schedule and Form

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.	1. 111 Category 2 industries have been prioritized based on a "High" rating of illicit discharge potential[28]. 2. 53 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. Eight Category 2 industries could not be prioritized since SIC numbers are unknown.	√		
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:	On February 13, 2013, the City received clarification from Ohio EPA about appropriate SIC codes for mulch manufacturing and concrete recycling facilities.			

[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

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. No revisions were made to the form 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

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.	The City's industrial stormwater inspector participated in two 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

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. Plan revisions are expected to be complete by December 31, 2014.	√		
2. Inspect 100% of inventoried Category 2 industrial facilities at least once within the City's MS4 permit term.	1. Two inspections were conducted at Category 1 industrial facilities[29]. 2. 76 inspections were conducted at Category 2 industrial facilities[30].			In progress
Planned Activity for Next Reporting Period:	Meet or exceed measurable goals			
Discussion:				

[29] See Appendix P for Category 1 industrial inspection dates.
[30] See Appendix Q for Category 2 industrial inspection dates.

INDUSTRIAL AND RELATED FACILITIES
Required SWMP Component: Industrial Facility Inspections

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 78 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.	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 or violation of Ohio EPA's industrial stormwater permit per established procedures.	1. 78 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

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.	√		
2. Review and file stormwater monitoring and sampling reports submitted by industrial operators.	Monitoring reports from 36 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, 2013 to December 31, 2013. 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 three locations throughout the City of Columbus during each quarter of 2013. The three locations selected for sampling were outfalls that are located downstream of land uses representing residential, commercial and industrial development. Analysis of the samples obtained from all three locations was performed by MASI Environmental Laboratories (MASI) and the Columbus Surveillance Laboratory. A full report on the City's wet weather monitoring activities and findings this reporting period can be found in city-wide monitoring report located in Appendix R.

Five sampling locations throughout the City representing medium density residential, high density residential, multi-family residential, commercial, and industrial land uses were monitored under permit No. 4PI00000*BD. The wet weather water quality data from these sites were thoroughly analyzed and reviewed. In an effort to further characterize overall water quality of the City's MS4, the City identified the three new sampling locations referenced above. In 2013 the City began monitoring the three new sampling locations in lieu of the previous five locations that were monitored in past years.

The City was able to collect samples at each of the three outfalls during all four quarters of 2013. The samples were analyzed by MASI and city laboratories for the following parameters:

MASI 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) (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)

3.1.1 Findings Summary

2013 sample results were compared to values provided in a national monitoring database to determine how concentrations of constituents at Columbus outfalls during 2013 compared to national datasets. 2013 results were also compared with sampling results obtained from 2007 through 2012 to determine if sample results collected across similar land uses from other parts of the City are different. A summary of these comparisons is presented below.

Comparison of Outfall Monitoring Data to NSQD Data

With the following exceptions, the 2013 City sampling values at the three sampling locations are generally consistent with national datasets. The following is a summary of notable differences between the NSQD and sample results collected at the three outfall locations:

- Total recoverable metal concentrations were less than the NSQD 75th percentile, and in most cases are less than the NSQD 50th percentile, indicating less than the national averages.
- Average zinc concentrations at OF-CD-01 (industrial land use) are less than the NSQD 25th percentile.
- Average cadmium EMC values are below the 25th percentile for all land uses, and are significantly lower than 2007-2012 average values.
- Fecal Coliform concentrations for all three sites were generally lower than the average EMC values collected from 2007-2012 at all previous sites, and are also at or below the NSQD 75th percentile.

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 through 2012 Sampling Results

Comparison with the average event mean concentrations for years 2007 through 2012 reveals the following observations:

- Concentrations of individual parameters varied by site and event as found in the results from previous years.
- Although zinc concentrations are generally higher than all other metals at all sampling locations throughout 2013, the overall concentration of zinc was within the same order of magnitude of previous years' averages for commercial and residential land uses, and an order of magnitude less than 2007-2012 averages for industrial land use.

2013 average EMC values from site OF-01-CD (industrial land use) are below the NSQD median for all metals sampled, suggesting the high EMC values of total recoverable metals, specifically zinc, found at the 2007-2012 sampling site MH-03 (industrial land use) may be generated by sources other than stormwater, as suggested in prior reports.

Average concentrations of total recoverable metals, dissolved oxygen, bacterial, nutrients, and oil and grease are generally within the same order of magnitude for residential and commercial land uses when compared to previous years and sampling locations with similar land uses.

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, 2013 to December 31, 2013 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 H, whereas a summary of illicit discharges confirmed as a result of dry weather outfall monitoring during the January 1, 2013 to December 31, 2013 reporting period are provided below.

√ An illicit discharge was detected during this reporting period at city outfall No. 0140T0120. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city outfall No. 0140T0122. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city outfall No. 0068T0856. 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. 0368T0189. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city outfall No. 0852T0142. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city open channel No. BW73. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city outfall No. 0641T0090. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city outfall No. 0642T0297. 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. 0119T0463. 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 Water for resolution.

√ An illicit discharge was detected during this reporting period at city open channel No. SC338. 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. 0063T0161. The discharge showed high levels of ammonia. Investigation revealed that the source of discharge was leachate from an abandoned landfill. The discharge has been reported to the Ohio Environmental Protection Agency in the past.

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 2013, a residential customer was charged one Equivalent Residential Unit (1 ERU = 2000 sq. ft) equal to $0.1485 (effective 1/1/10) per day for an average annual cost (365 days x $0.1485) of $54.20. 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	$1,292,559.68
Materials & Supplies	$18,988.94
Services	$11,158,841.78
Street Cleaning	$6,284,454.17
Pro Rata Charges	$1,638,205.00
Debt Principal	$9,996,027.27
Other Expenditures	$53,075.78
Capital Outlay	$43,549.84
Interest on Debt	$4,123,321.30
Total Costs:	$34,609,023.76

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

In addition to many other requests for service, SRMS and SMOC personnel made 90 investigations of reported or suspected illicit discharges and spills to the MS4 during the January 1, 2013 to December 31, 2013 reporting period. There were five 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 15 of the investigations for suspected spills or illegal dumping. The appropriate Health Department (City or County) was notified in five cases involving discharges from a home sewage disposal system. There were eight cases where the City notified the City of Columbus Division of Water about active water leaks discharging to Waters of the State. There were three investigations that were forwarded to the Franklin County Environmental Sheriff's Office for criminal prosecution. SRMS also conducted a total of 4,330 construction site inspections, 78 industrial inspections, and 46 site inspections for post-construction BMP maintenance during the January 1, 2013 to December 31, 2013 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 28 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 26 Notices of Violation for illicit discharges during the January 1, 2013 to December 31, 2013 reporting period are provided below.

2/14/13	Notice of Violation issued to Rally's at 1454 Parsons Avenue for discharging wastewater from power washing activities into the City's MS4.
4/22/13	Notice of Violation issued to Julian Foods at 3277 West Broad Street for power washing the store front with no inlet protection and allowing wash water to enter the City's MS4.
4/30/13	Notice of Violation issued to Vander Autos for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
4/30/13	Notice of Violation issued to Platinum Auto Detailing for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
4/30/13	Notice of Violation issued to CSS Vehicle Care Center at 673 North James Road for discharging wash water from vehicle washing activities into the City's MS4.

5/1/13	Notice of Violation issued to Rally's at 3260 East Broad Street for power washing parking lot with no inlet protection and allowing wash water to enter the City's MS4.
5/17/13	Notice of Violation issued to McDonald's Restaurant at 6350 Tussing Road for discharging wastewater from power washing activities into the City's MS4.
6/25/13	Notice of Violation issued to Med-Ride at 647 North James Road for discharging wash water from vehicle washing activities into the City's MS4.
6/25/13	Notice of Violation issued to Make It Shine Auto Detailing for washing vehicles without inlet and allowing wash water to enter the City's MS4.
6/26/13	Notice of Violation issued to Dreir and Maller for discharging sediment-laden wastewater into the City's MS4.
7/3/13	Notice of Violation issued to Taqueria Dos Rositas for dumping wash water into the City's MS4.
7/5/13	Notice of Violation issued to Ocedon Restaurant Group for dumping mop water into the City's MS4.
7/9/13	Notice of Violation issued to Five Star Mobile Detailing for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
7/25/13	Notice of Violation issued to Kelsey Zeto for allowing wastewater from concrete work area to enter into the City's MS4.
8/5/13	Notice of Violation issued to Lykens Company for dumping wastewater from a dumpster into the City's MS4.
8/5/13	Notice of Violation issued to McDonald's Restaurant at 1589 West Broad Street for discharging wastewater from power washing activities into the City's MS4.
8/15/13	Notice of Violation issued to Raisin' Cane's Restaurant at 68511 East Broad Street for allowing grease from the dumpster area to enter into the City's MS4.
9/4/13	Notice of Violation issued to Amelea Restaurant for pumping sewerage from a lateral backup into the City's MS4.
9/6/13	Notice of Violation issued to Scioto Ready Mix for discharging sediment-laden wastewater from concrete truck washout area into the City's MS4.
9/23/13	Notice of Violation issued to Americut Coring & Sawing for the discharge of saw cutting slurry into the City's MS4.

9/23/13	Notice of Violation issued to Kokosing Concrete Company for allowing wastewater from concrete work area to enter into the City's MS4.
9/23/13	Notice of Violation issued to Prestige Eurocars for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
9/27/13	Notice of Violation issued to TNT Powerwashing Inc. for washing vehicles without inlet protection and allowing wash water to enter the City's MS4.
10/1/13	Notice of Violation issued to Central Ready Mix at 550 South Main Street for poor housekeeping leading to tracking concrete dust into the City's MS4.
11/20/13	Notice of Violation issued to Ohio Concrete Sawing and Drilling, Inc. for the discharge of saw cutting slurry into the City's MS4.
11/26/13	Notice of Violation issued to Tracy Mobley at 1503 Manchester Avenue for pumping sewerage from a lateral backup into the City's MS4.

5.1.2 Notices of Violation, Erosion and Sediment Control

Two 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, 2013 to December 31, 2013 reporting period. Summaries of these Notices of Violation are provided below:

3/21/2013	Notice of Violation to Rockford Homes for pumping contaminated (muddy) water into a Municipal Storm Sewer System on Spring Cove Drive. The site is a tributary of the Scioto River.
3/21/2013	Notice of Violation and Assessment of Administrative Fine ($500) to Zarley Excavating Company for pumping muddy water into an unprotected curb inlet on Spring Cove Drive. The site is a tributary of the Scioto 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, 2013 to December 31, 2013 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, 2013 to December 31, 2013 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.

5.2.1 Public Education and Outreach Summary

The City's stormwater public education and outreach programs are focused on the following topics:

1. Residential: pet waste, lawn care and vehicle maintenance /washing.
2. Industrial/commercial: restaurants/fats, oil and grease, vehicle detailers and development.

The City chose to kick off its residential education program in 2014 with a focus on proper disposal of pet waste. The campaign will begin in April 2014 and outreach events will occur through September. Events will include a PUP wagon appearing at dog parks, festivals and other locations that dog owners visit. The wagon will include incentives that will be given to those who make the pledge to pick up poop. A mass media outreach will take form as a radio station on-air contest. Electronic outreach will be through the GreenSpot website, a video and eblasts to licensed dog owners. Other outreach vehicles include the department's Web site and Facebook page, the GreenSpot Facebook page, the Utility Update bill insert, and news releases to the media. The PUP campaign will serve as a template for building future campaigns that target the audiences identified under the Public Education and Outreach program.

As part of Blueprint Columbus, city staff, a city-wide advisory panel and residents are being 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.

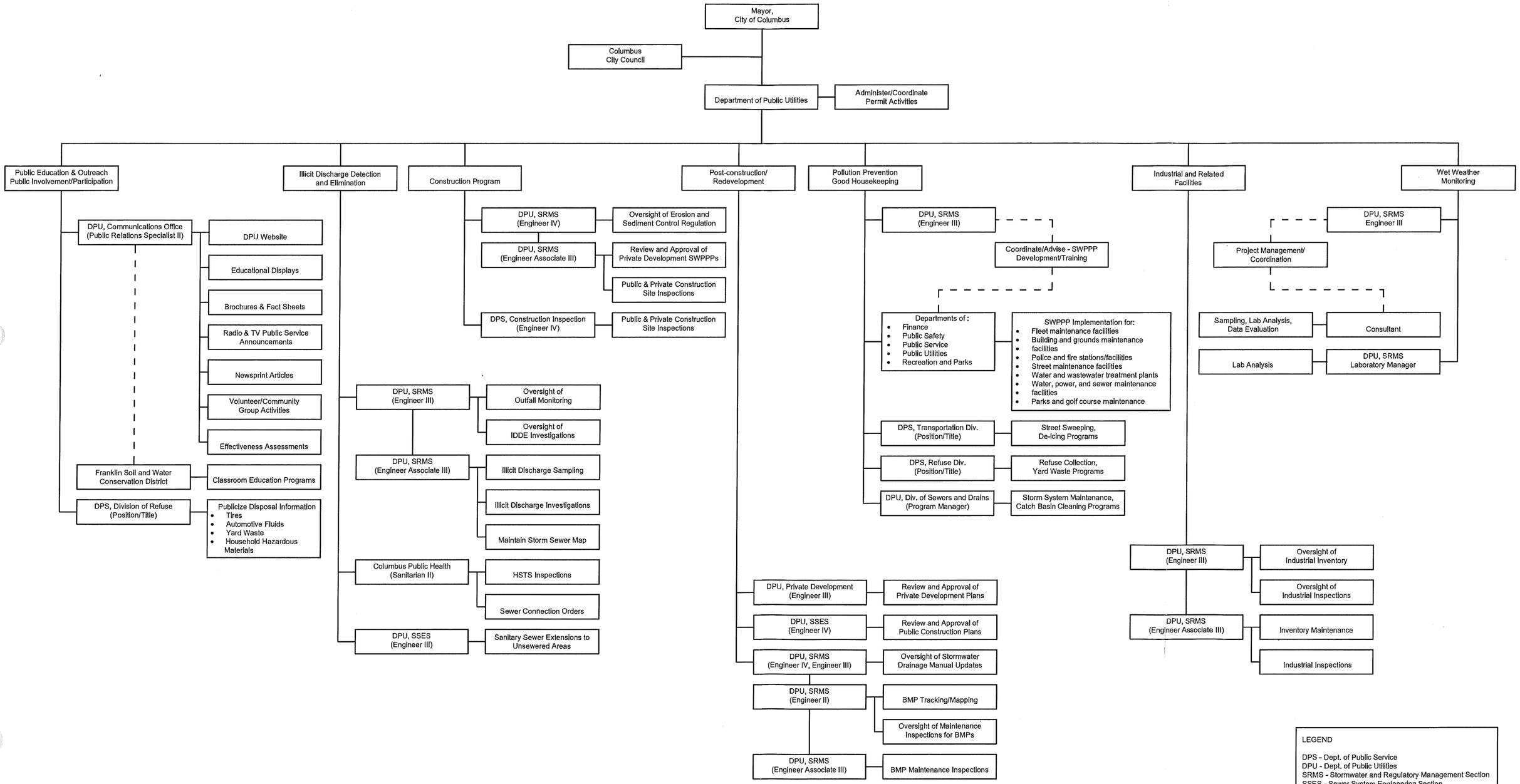
The "No Dumping, Drains to Rivers" storm drain marking program also provides for more community awareness of potential impacts of residential pollution on the quality of our rivers. The markers display the phone number residents can use to report potential stormwater issues, 645-STREAM (7873). In addition 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 B and Appendix C for a summary of Public Education and Outreach activities.

5.2.2 Employee Education Summary

The City continues to increase stormwater pollution awareness amongst 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 Department of Public Utilities (DPU) is developing on-line training modules that cover BMPs for various DPU activities such as vehicle washing. The City conducted or participated in numerous training opportunities during the 2013 reporting period. The City will continue to provide training on stormwater pollution practices to personnel that work at operations and maintenance facilities. See Appendix G for a summary of employee training activities.

City of Columbus
NPDES Stormwater Program

Table of Organization



Date: February 28, 2013

Public Education and Outreach
2013 Activity Summary

We All Live Downstream Program 2013	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WALD print guides distributed: ▪ Newspaper insertion ▪ City Recreation and Senior Centers ▪ Columbus Zoo ▪ Neighborhood Pride ▪ Other/by request	-	-		150 30	15	162,729 60 40	60 25	30	60 20	- 60	- 15	-	
Total				180	15	162,829	85	30	80	60	15		163,304
Storm drain markers requested (seasonal)	-	-	-	45	68	105	75	90	45	120	-	30 (to apply in '14)	588
River Ranger guides requested	-	-	-	10	20	18	25	14	5	60	-	-	152
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 7/9; then Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ)	(Green-Spot, CSO/SSO FAQ, ended 10/8)	-	-	606,271
Total				66,075	100,790	93,828	31,774 /76,944	101,738	93,808	31,032			
News releases	3 FP posts	1 FB post	2 FB posts	1 FB post	4 FB posts	1 (River Pride) + 5 FB posts	2 FB posts	1 FB post	4 FB posts	3 FB posts	2 FB posts	-	1 (+ 28 FB posts)

Public Education and Outreach
2013 Activity Summary

We All Live Downstream Program 2013	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		Water-shed booth at Sports, Vac. & Boat Show; Water-shed pres. at Hoover Fishing Seminar; Compost at CENTS	Compost Facility display at Home and Garden Show	Water-shed booth at Cols. Zoo Earth Day event.; launched '13 Stream Line.	River Pride/ RiverFest mention-ed in SWIFT newsletter Central Ohio Children's Water Festival	Cleanups plus rain barrel workshop as part of River Pride; 1 Neighbor hood Pride event	1 Neighbor-hood Pride event.	Presen-tation for MORPC, Integrated Plan; Griggs and O'Shaugh nessy	WALD promoted in fall issue of SWIFT newsletter Hoover cleanup; 1 Neighbor hood Pride event	1 Neighbor hood Pride event			

For immediate release
May 30, 2013

Contact: George Zonders, 645-2926

River Pride 2013 events, schedule announced

The Columbus Department of Public Utilities and partners will kick off the 13th 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 8 9:00 a.m.	Adena Brook litter cleanup and invasive plant removal	Adena Brook Community judyrob59@gmail.com, 447-8043
Saturday, June 15 9:00 a.m.	Alum Creek litter cleanup	Friends of Alum Creek and Tributaries service@friendsofalumcreek.org 569-8544
Saturday, June 22 9:00 a.m.	Griggs Reservoir litter cleanup	Columbus Department of Public Utilities/ Scioto Boat Club, 645-1748/645-1721

Other Ways to Get Involved:

Contact any of the listed organizations to participate in additional opportunities throughout the year. For a complete list, visit publicutilities.columbus.gov/volunteer.aspx.

Plan your own neighborhood or waterway cleanup. Contact Keep Columbus Beautiful for assistance by calling 645-8027 or visit publicservice.columbus.gov/kcb. If you live outside Columbus please contact your local municipality.

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.

These 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 and removal of invasive plants; call 267-3386 or check FLOW's Facebook page or email info@olentangywatershed.org

Friends of the Scioto River promotes the protection and enjoyment of the Scioto River valley and organizes several cleanups each year; email 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!*, a service of the Mid-Ohio Regional Planning Commission, kicks off with a Paddle and Pedal Down the Olentangy on July 13 and is capped by a grand finale July 26 in partnership with COSI. For a complete schedule, please visit www.riverfestcolumbus.org or call 233-4112.

Search for people, places and things

Columbus Public Utilities Timeline 2013

2013

Columbus Public Utilities
December 17, 2013

Columbus' new upground reservoir was completed this month and already holds 2 billion gallons of water for future customer use. It will eventually hold 9 billion gallons. Construction of the Ottawa Creek Preserve park, to be managed by Preservation Parks of Delaware County, will begin next summer and should be ready for public use by spring 2015.

Like · Comment · Share 11 3 1

360 people saw this post Boost Post

Columbus Public Utilities
December 12, 2013

The taste and odor event in the Hap Cremean Water Plant service area seems to be over, with calls diminishing and customers saying the water is getting back to a more normal taste. We had to again increase the powder activated carbon level this week, to 50 milligrams per liter, to normalize it. That is higher than anyone remembers ever having to do, so it was more challenging than the normal seaso... See More

Like · Comment · Share 2 16

239 people saw this post Boost Post

Columbus Public Utilities shared a link.
December 4, 2013

Milligrams of carbon have now been increased to 40 as of today.

Columbus water has been smelly lately for many residents, but city says fix is on the way -...
www.bizjournals.com

Noticed a musty, mildewy, potting-soil-like odor in your tap water recently? It's...

Likes
2013

Jym Ganahl

ThisWeek Community

The Columbus Dispatch

+6

Columbus Public Utilities shared a link.
December 16, 2013

Consumer alert, particularly for power customers: we are receiving reports that customers of both City Power and AEP are getting phone calls from people claiming to be from the utility, demanding payment or their electricity will be turned ... See More

Employees Wear Photo ID Badges - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

A few customers have called to report someone knocking on their door posing as a city employee and demanding a water sample. Others have asked to inspect the water lines inside the home after a main break in

Like · Comment · Share 1 4 2

112 people saw this post Boost Post

Columbus Public Utilities shared a link.
December 11, 2013

Looking for a thoughtful gift for a family member or friend struggling to pay their bills? Columbus utility bills can be paid with a Visa or Mastercard credit or debit card.
http://waterpayments.columbus.gov/

City of Columbus - Department of Public Utilities | Water & Sewer Payment History
waterpayments.columbus.gov

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Search for people, places and things

Columbus Public Utilities About

91 people saw this post Boost Post

Columbus Public Utilities Timeline 2013

Columbus Public Utilities shared a link.
December 2, 2013

Some customers served by the Hap Cremean Water Plant on Morse Road are noticing a different taste in the tap water and have called to inquire. Please be assured this is a seasonal event caused by reservoir water turnover that, while a temp... See More

Musty Taste & Odor - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

These seasonal phenomena can be caused by the bi-annual turnover of our city reservoirs, or with the presence of varied algal blooms (photo) in the reservoirs or rivers.

Like · Comment · Share 2 2 2

149 people saw this post Boost Post

Columbus Public Utilities
November 13, 2013

Wetlands Summit 2013
Saturday, December 7, 2013 at 8:15am
Grange Insurance Audubon Center in Columbus, Ohio

Like · Comment · Share 1

54 people saw this post

Columbus Public Utilities
November 8, 2013

Columbus Veterans Day Ceremony and Parade 2013 (5 photos)
"Our Veterans Day celebration is a time when our community stands united to recognize those who have served in the armed forces. They have answered our nation's call to serve, and we will honor them by giving our thanks and respect." ~ Mayor Michael B. Coleman

Facebook
English (U

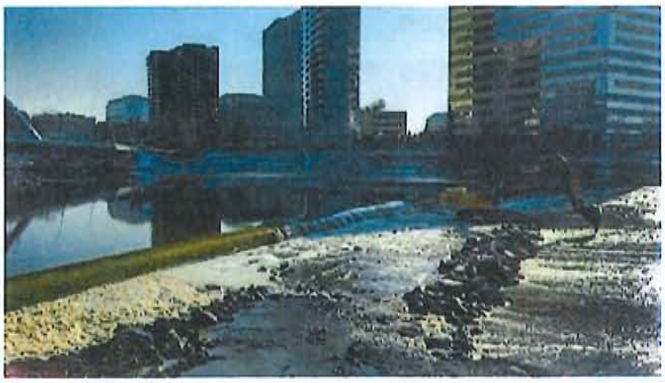
Like · Comment · Share 1

94 people saw this post Boost Post

Pay your bill online with Visa or MasterCard using the most secure on-line payment system available.

Columbus Public Utilities
November 29, 2013

"Notching" is underway on the Main Street dam, gradually lowering the water level on the Scioto River downtown in advance of completely removing the dam. While Columbus Public Utilities is overseeing the work, this is a Columbus Downtown De... See More



Like · Comment · Share 14 2 1

244 people saw this post Boost Post

Columbus Public Utilities shared a link.
November 18, 2013

Columbus' Upground Reservoir near the Scioto River in Delaware County is nearly complete. To get an idea on the size, go to Google Earth, put in 10065 Tawa Road, Richwood, OH, match the shape of it from our general brochure (link below) and then zoom out.

http://www.columbusupgroundreservoirs.com/pdfs/Upground Spring13a.pdf
www.columbusupgroundreservoirs.com

Like · Comment · Share 4

68 people saw this post Boost Post

Columbus Public Utilities
November 5, 2013

Blueprint Columbus
Blueprint Columbus is an exciting new opportunity the City of Columbus is exploring to eliminate sanitary sewer overflows while investing in our neighborhoods and the local economy.

Like · Comment · Share 4

127 people saw this post Boost Post

Columbus Public Utilities shared a link.
October 29, 2013

Columbus was one of 11 cities recognized for utility excellence at the national Association of Metropolitan Water Agencies' awards ceremony:

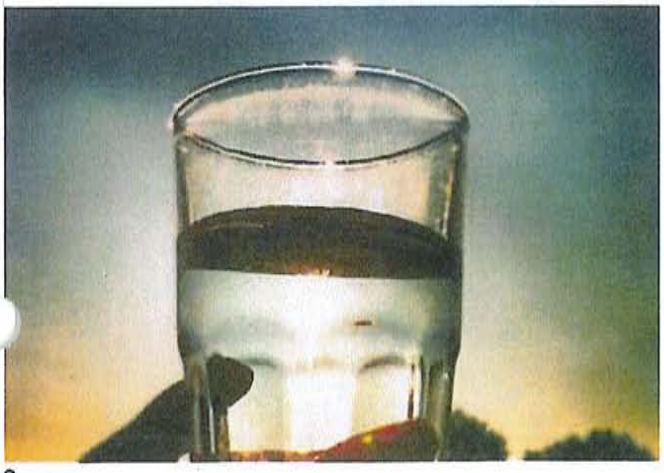
http://publicutilities.columbus.gov/content.aspx?id=62335
publicutilities.columbus.gov

Like · Comment · Share 4

59 people saw this post Boost Post

Columbus Public Utilities shared You Are What You Drink's photo.
October 18, 2013

Have you had any water yet today? Take a moment to go grab a glass now because when you #DrinkH2O you Drink Up!
http://bit.ly/urH2O

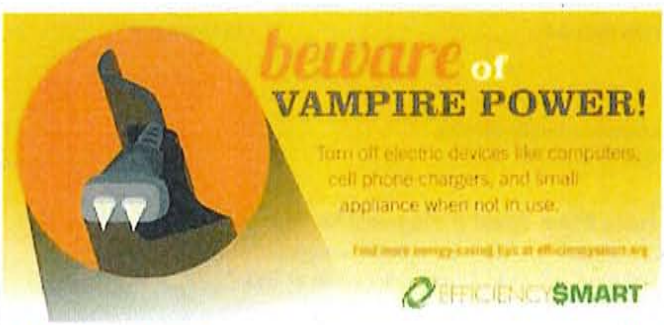


Like · Comment · Share 8 2

331 people saw this post Boost Post

Columbus Public Utilities shared Efficiency Smart's photo.
October 30, 2013

Find more energy saving tips at:
http://www.efficiencysmart.org/for-your-home/home-energy-saving-tips



Like · Comment · Share 1

54 people saw this post Boost Post

Columbus Public Utilities shared Columbus Division of Police's photo.
October 25, 2013

Take advantage of this fantastic, free opportunity to dispose of old/expired medications and mercury thermometers this Saturday (Oct. 26) from 10:00 a.m. to 2:00 p.m. at the Mt. Carmel East, West, St. Ann's and New Albany locations. Thanks to the Columbus Division of Police for sharing and taking part in this important initiative.

Have old medication lying around that is no longer needed. This Saturday Mt. Carmel is hosting a disposal day in four locations around the city.

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61 people saw this post Boost Post

(NOTED ON P. 3)

Like · Comment · Share 1

45 people saw this post Boost Post

Columbus Public Utilities shared Friends of the Lower Olentangy Watershed (FLOW)'s status.
October 11, 2013

Dear Watershed Volunteers, Our goal for saturday is to plant 170 tree lawn trees in the Lower Olentangy Urban Arboretum. We really need some people power to help us get these native Franklin County trees in the ground! No experience is needed. We will start at 9am with a tree demonstration and then break up into teams to plant trees. Gloves and shovels will be provided. ALL WE NEED IS YOU!

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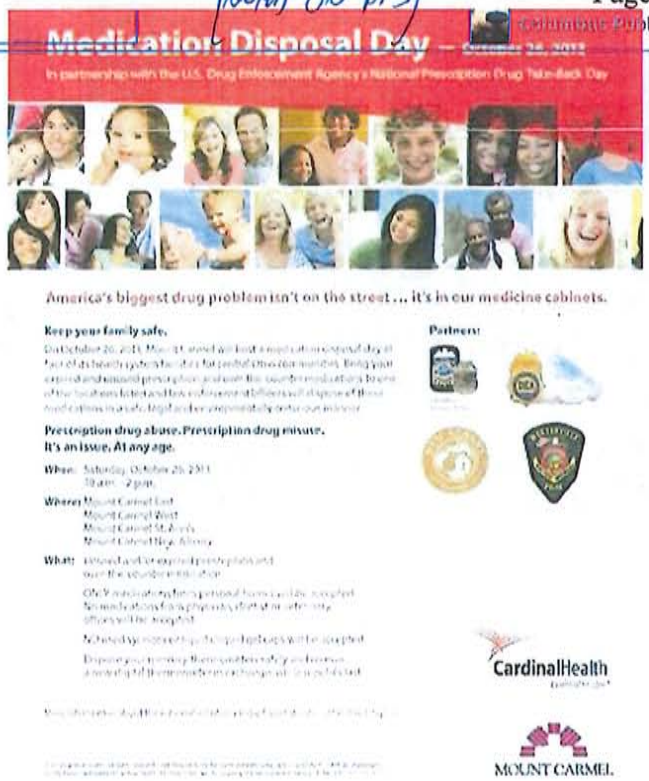
29 people saw this post Boost Post



Columbus Public Utilities
October 7, 2013

Happy Public Power Week! If you would like to know if your home or business is eligible for reliable, competitive city power, please call the Division of Power sales office at 645-7216.

Like · Comment · Share 3

45 people saw this post Boost Post

Columbus Public Utilities shared a link via Columbus GreenSpot.
September 24, 2013

Rain Barrels -Columbus GreenSpot
stormwater.franklinswcd.org

The GreenSpot Rain Barrel program has launched for its third season, running from April 1st through October 31st, with the ambition of encouraging residents to "go beyond rain barrels." For 2013, we encourage homeowners to install a rain barrel, if that decision works for

Columbus Public Utilities shared Efficiency Smart's status.
October 7, 2013

"Unplugging or powering down your digital set-top boxes, video game consoles, DVD/VCR players and cordless power tool chargers, among other gadgets, can save you $120 dollars a year."

More energy saving tips from Consumer Reports:
http://www.consumerreports.org/cro/news/2013/09/five-ways-to-save-energy-and-money-right-now/index.htm

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28 people saw this post Boost Post

Columbus Public Utilities shared a link.
October 2, 2013

Division of Water Administrator Rick Westerfield discusses why the City of Columbus is a partner in MORPC's Sustaining Scioto project.

MORPC "Sustaining Scioto"
www.youtube.com

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53 people saw this post Boost Post

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Search for people, places and things

26 people saw this post

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Columbus Public Utilities | **Timeline** | **2013**

Columbus Public Utilities
September 24, 2013

Groundbreaking Ceremony - Fire Station No. 2 (3 photos)
The Department of Public Utilities has a hand in addressing the needs of "the busiest station in the nation", moving Station No. 2 to new facilities at 222 Greenlawn Avenue and allowing Station No. 3 to remain downtown.

Like · Comment · Share 1

Boost Post

Columbus Public Utilities shared Mid-Ohio Regional Planning Commission (MORPC)'s photo.
September 13, 2013

Today is the last day to get early bird pricing for the Summit. Don't miss this important event–register now at www.greenregion.org

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43 people saw this post

Boost Post

Columbus Public Utilities
September 24, 2013

Kenney Park Honeysuckle Removal
September 28, 2013 at 9:00am
Kenney Park in Columbus, Ohio

Like · Comment · Share

33 people saw this post

Columbus Public Utilities shared Friends of the Lower Olentangy Watershed (FLOW)'s status.
September 18, 2013

This Saturday, join Shannon and the rest of the FLOW gang to help out with honeysuckle removal at Whetstone Park. From 9 am to noon, we'll be working along the Olentangy Trail just west of the Casting Pond. Gloves and tools will be provided, and City of Columbus will be there with chain saws and a chipper truck. We hope to see you there!

Like · Comment · Share 1

37 people saw this post

Boost Post

Columbus Public Utilities shared a link.
September 10, 2013

For the customers here to pay a water bill yesterday and got caught in a traffic line to get in, we appreciate your patience and here was the reason.

Photo: Day to celebrate ex-mayor Rinehart
www.dispatch.com

Barbara Frazier-Reese, a former Columbus city worker, greets former Mayor Dana "Buck" Rinehart after a ceremony to rename the Dublin Road utilities-department headquarters after him. Rinehart told a crowd gathered yesterday to honor him that he was "back from the grave"

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157 people saw this post

Boost Post

August 22, 2013 | Search for people, places and things | September 9, 2013 | Columbus Public Utilities

Columbus Public Utilities shared a link.
August 22, 2013

you know that diving into public lakes, streams, Columbus waterways and reservoirs? Cliff diving is particularly dangerous and is being enforced by local law enforcement officers. It is much safer to find a pool, spray park or let the kids play in your sprinker as you water the lawn.

Warning issued to would-be cliff-jumpers: 'Just don't do it'
www.thisweeknews.com

Delaware County Sheriff's deputies responded on two separate occasions in late July to the O'Shaughnessy Reservoir

Like · Comment · Share 1 2

69 people saw this post | Boost Post

Columbus Public Utilities shared a link.
August 22, 2013

Did you know that picking up litter in your neighborhood helps keep our rivers clean? What's left on the ground is washed into storm drain inlets that empty, untreated, into local waterways. Keep Columbus Beautiful has all the supplies you need for a litter cleanup... Make this part of your Columbus Volunteer Challenge events, September 7 - 11!

Organize a Pick It Up Event
www.columbusvolunteerchallenge.org

The Columbus Volunteer Challenge 5 Days of Service will be held September 7-11, 2013 and will be the premier volunteer event in Columbus, Ohio.

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99 people saw this post | Boost Post

Columbus Public Utilities shared a link.
August 12, 2013

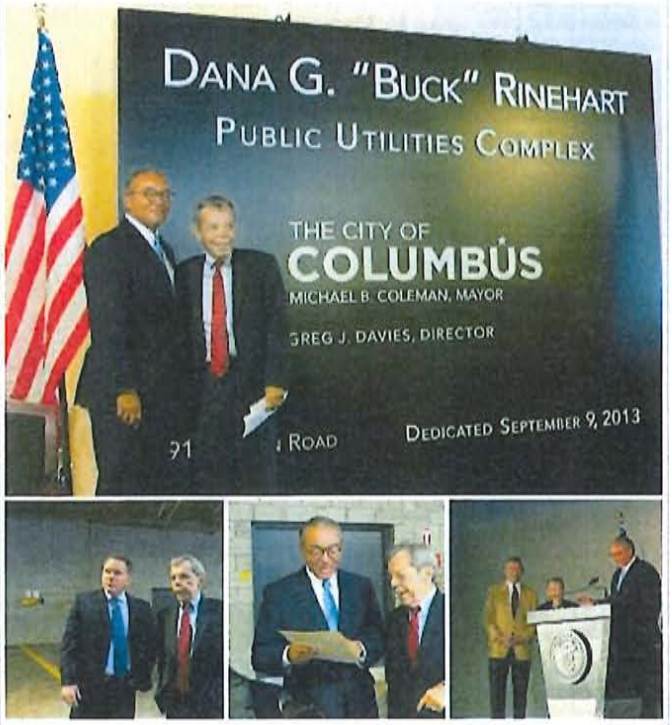
If you pay your bill at the Utilities Complex, in addition to the Dublin Road Water Plant expansion construction, there is other work restricting Dublin Road. From Paving the Way:

Lane restrictions will be in place on Dublin Road (US 33)... See More

Paving the Way... Short Term Projects
www.pavingtheway.org

Public Utilities complex renamed (6 photos)
The Columbus Department of Public Utilities facilities at 910 and 940 Dublin Road are now known collectively as the Dana G. "Buck" Rinehart Public Utilities Complex, in honor of the former mayor's dedication and service to the city.

Additional details can be found here:
http://publicutilities.columbus.gov/content.aspx?id=61475



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509 people saw this post | Boost Post

Columbus Public Utilities
August 14, 2013

Floodwall gate exercise - Greenlawn Avenue (10 photos)
In the event of significant flooding along the Scioto River, crews from our Sewer Maintenance Operations Center would be called to assemble several gates along the Franklinton Floodwall. Each of these gates requires a drill or exercise ever... See More

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Search for people, places and things

Columbus Public Utilities

Columbus Public Utilities | **Timeline** | **2013**

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59 people saw this post

Boost Post

CROSSROADS PROJECT WEEKEND WORK• At 8 p.m., the ramp from I-670 west to I-71 south will be closed. Traffic will be detoured to State Route 315 south to I-71 south. • At 9 p.m., I-71 south will be reduced to one lane and the ramp from 11th Ave. to I-71 south will close. • At 9

Columbus Public Utilities shared a link.
August 1, 2013

A shout out to our Water Distribution Maintenance staff for loaning parts to the City of London to help them restore water service sooner.

London residents under boil alert after day without water
www.dispatch.com

LONDON, Ohio — Store shelves quickly emptied of water jugs. Managers promised that more would be coming soon. Handwritten signs on restaurant windows read closed. So did signs on beauty shops. Even the Madison County Courthouse shut down.

Like · Comment · Share 13

140 people saw this post

Boost Post

Columbus Public Utilities shared a link.
July 22, 2013

Wondering what to do if your basement floods? To start, please report any sewer backup coming through the floor drain as soon as possible to (614) 645 7102 (available 24 hours). Follow the link below for more helpful tips.

What to Do if Your Basement Floods - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

In the event of a sewer backup in the basement from the floor drain, please call the following 24-hour number as soon as possible:

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66 people saw this post

Boost Post

Columbus Public Utilities shared a link via FACT - Friends of Alum Creek and Tributaries.
July 19, 2013

79 people saw this post

Boost Post

Columbus Public Utilities shared a link via Mayor Mike Coleman.
August 1, 2013

Downtown parks events promising plenty of hoopla for families and kids
www.dispatch.com

During the past four years, redevelopment has helped Downtown become more of a destination for families and kids. Between the Columbus Commons and the Scioto Mile, the central city has much more

Like · Comment · Share

52 people saw this post

Boost Post

Columbus Public Utilities
July 30, 2013

Now that the weather is drier and sprinklers may get turned on to maintain those unusually green July lawns, a reminder that 1" of water a week is all a lawn needs to remain healthy. We have a limited supply of free rain gauges, please call 645-8276.

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64 people saw this post

Boost Post

(from p. 7)

Green infrastructure web page
t.co

Like · Comment · Share

29 people saw this post

Boost Post

Columbus Public Utilities shared a link.
July 10, 2013

This Saturday's "Paddle & Pedal" along the Olentangy has been postponed due to high water levels. The plan is to reschedule the event for sometime this fall; for more information about this and other Riverfest On Tour! activities - including the grand finale July 26 at COSI - please visit the Riverfest site below:

http://www.riverfestcolumbus.org/Home.aspx

morpc

Mid-Ohio Regional Planning Commissio

Riverfest Columbus > Home
www.riverfestcolumbus.org

Spend this July catching up on time outdoors, boating, fishing & more. Riverfest On Tour! is a month long celebration of water, Ohio's greatest resource.Find activities in your neighborhood and join us for our Grand Finale July 26, 2013 at COSI.

Like · Comment · Share

92 people saw this post

Boost Post

Columbus Public Utilities shared a link via Columbus City Council.
June 26, 2013

Removing materials from the waste stream and extending the life of the landfill are just two of the benefits of this program:

July 17, 2013

"Columbus Public Health Confirms First Mosquitoes Positive for West Nile Virus" This media release from Columbus Public Health includes tips on how to avoid being bitten, plus ways to eliminate mosquito breeding sites near your home.

Pressroom and Communications at Columbus Public Health
publichealth.columbus.gov

Information about our staff, history, mission and vision at Columbus Public Health

Like · Comment · Share 2

76 people saw this post

Boost Post

Columbus Public Utilities
July 12, 2013

Mayor's Twilight Ride (3 photos)
Several Columbus Public Utilities employees joined the Healthy Columbus team for the Mayor's Twilight Ride on Friday, July 12. Turnout was excellent as bike enthusiasts from around Columbus took part in the annual event.

Like · Comment · Share 4

Boost Post

Columbus Public Utilities shared Columbus City Council's status.
July 2, 2013

Columbus City Council's community meetings are a chance for residents to meet in an informal, one-on-one setting with City Councilmembers, their staff, and key city department leaders. The next meeting will be held from 5:30-7:00pm on July 16 at Lazelle Woods Community Center, 8140 Sancus Boulevard.

Like · Comment · Share

34 people saw this post

Boost Post

Columbus Public Utilities shared a link via Mid-Ohio Regional Planning Commission (MORPC).
July 2, 2013

Events
www.morpc.org

Columbus Celebrates One Year of Residential Recycling
council.columbus.gov

June marks the one-year anniversary of the City's recycling program, RecyColumbus, and the evidence shows that residents are embracing it in a big way. From June 2012 to May 2013, Columbus residents recycled more than 22,000 tons of materials, saving landfill space and $1.24

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42 people saw this post Boost Post

Columbus Public Utilities
June 17, 2013

The Olentangy River restoration project continues to generate media coverage; this Columbus Dispatch article looks at some of the unique aspects of working with varying water levels:

http://www.dispatch.com/content/stories/local/2013/06/15/the-problem-with-river-work.html

Like · Comment · Share 1

136 people saw this post Boost Post

Columbus Public Utilities
June 14, 2013

Flag Day, Columbus City Hall 2013 (3 photos)
Annual ceremonies at Portman Plaza, June 14, 2013

Like · Comment · Share 1 1

Columbus Public Utilities
June 7, 2013

Reminder, the first River Pride Month volunteer activity - organized by the Adena Brook Community - comes up tomorrow, Saturday, June 8. Starting at 9:00 a.m., sign-in/supplies will be at these intersections: Overbrook and High, Overbrook and Canyon, Overbrook and Yaronia, Overbrook and Indianola. Thank you to

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30 people saw this post Boost Post

Columbus Public Utilities shared a link.
June 20, 2013

Do you have an old TV or desktop taking up space in your home? Two opportunities for drop-off electronic recycling coming up this Saturday, June 22 - details in the article below:

http://www.dispatch.com/content/blogs/the-bottom-line/2013/06/recycling-june-22.html

Electronics recycling events planned for June 22
www.dispatch.com

RecycleForce Columbus will co-host two e-recycling events on June 22

Like · Comment · Share 2 1

90 people saw this post Boost Post

Columbus Public Utilities shared Friends of the Lower Olentangy Watershed (FLOW)'s status.
June 14, 2013

This is another River Pride month event - much thanks to you volunteers who do so much good for our waterways!

> On Saturday morning FLOW will be at Kenney Park with Karl and our honeysuckle slaying friends. Come join us from 9 to noon to clear out invasive species. We'll be working in the park behind the Urban Active at Graceland shopping center

Like · Comment · Share

43 people saw this post Boost Post

Columbus Public Utilities shared a link.
June 11, 2013

An update on proposed legislation, introduced last week, that would greatly impact how Columbus and other municipalities can manage water quality protection measures around drinking water reservoirs:

http://www.dispatch.com/content/stories/local/2013/06/11/reservoir-mowing-proposal-irks-city.html

Reservoir-mowing proposal irks Columbus
www.dispatch.com

An old fight over who controls the land around city reservoirs has been revived in the Ohio legislature.

the many volunteers who invest time keeping our waterways clean!

Search for people, places and things

Columbus Public Utilities

Columbus Public Utilities Timeline 2013

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140 people saw this post

Boost Post

92 people saw this post

Boost Post

Columbus Public Utilities shared a link.
May 30, 2013

Central Ohio River Pride starts soon - and it's a great way to meet environmentally conscious people like yourself. Here is how to get involved:

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

JUNE 2013 - CENTRAL OHIO RIVER PRIDE MONTH!Each spring, litter is a visible problem in many communities, with our stream and river banks being no exception. Much of the litter in our communities washes into our waterway areas. Litter is not only an eyesore, it can affect

Like · Comment · Share

114 people saw this post

Boost Post

Columbus Public Utilities shared a link.
May 21, 2013

Gotten behind on some bills while enjoying the sunshine? Remember you can pay your water bill on-line, over the phone at 645-8276 or in person at these convenient locations.

Maps - Public Utilities, Columbus, Ohio - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

City Treasurer's Office - City Hall 90 W. Broad Street,Columbus, Ohio, 43215 (After Hours Drop Box: Southeast Entrance to City Hall)Columbus Utilities Complex 910 Dublin Road , Columbus, Ohio, 43215 (After Hours

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64 people saw this post

Boost Post

Columbus Public Utilities
May 9, 2013

Olentangy River Restoration update (5 photos)
Warmer, drier weather allows work to move forward

Columbus Public Utilities
May 31, 2013

A frequent sight this time of year is a water hauling truck filling from a fire hydrant to fill area pools. Please know that permits and fees are required, and the local pool filling companies usually comply. To verify a permit, call the water permit desk at 645-7330.

Unlike · Comment · Share 4 4

97 people saw this post

Boost Post

Columbus Public Utilities
May 22, 2013

Phone lines are currently down at the 910 Dublin Road Utilities Complex. Restoration should be by tomorrow morning. In the meantime, customers cannot reach the Call Center (645-8276). to report a sewer emergency, please call directly 645-7102; power or streetlights to 645-7627. For a water emergency, please email utilityleadrep@columbus.gov. We apologize for the inconvenience.

Like · Comment · Share 1 3

319 people saw this post

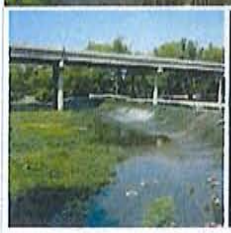
Boost Post

Columbus Public Utilities
May 13, 2013

This is part of the group of employees/family members who represented Columbus Public Utilities at Mayor Michael B. Coleman's Annual City Employees Spring Litter Cleanup. All told, the city team removed 4.2 tons of trash (plus 45 bags of recyclables) from the neighborhood around South High School on Saturday morning, May 11.

(from Page 10)

Search for people, places and things



Like · Comment · Share 5 2

101 people saw this post Boost Post

Columbus Public Utilities
May 8, 2013

Karl Road project - Dept. of Public Service (3 photos)
May 8, 2013 kickoff event for the joint Public Service/Public Utilities neighborhood improvement project

Unlike · Comment · Share 6 1

Columbus Public Utilities shared a link.
May 1, 2013

Thank you, Columbus! We placed 7th in our size category in this national water conservation challenge.

Wyland Foundation's National Mayor's Challenge for Water Conservation
www.wylandfoundation.org

Do your part this Earth Month and take the National Mayor's Challenge for

Like · Comment · Share

51 people saw this post Boost Post

Like · Comment · Share 5

125 people saw this post Boost Post

Columbus Public Utilities shared a link.
May 9, 2013

Planning on filling a pool this month? Here is a link to a chart on what to expect on cost. Tip: the mesh style pool covers allow rain and melting snow to trickle in all winter and save on costs in the spring as opposed to solid covers that don't allow water in.
http://publicutilities.columbus.gov/content.aspx?id=43725

Cost of Filling a Swimming Pool - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

Most customers fill their pools using a garden hose attached to their outside faucet. Since no billing adjustments are available for filling a pool, we receive many inquiries each summer from customers who want

Like · Comment · Share

65 people saw this post Boost Post

Columbus Public Utilities shared a link.
May 1, 2013

Fire hydrant flushing season has begun. Here is the schedule and what to know:

April 24, 2013 | Search for people, places and things

Columbus Public Utilities

Columbus Public Utilities on Time Water Conservation challenge and it has a few days left to go - can you help and please share?
http://www.wylandfoundation.org/mywaterpledge-app/

http://www.wylandfoundation.org/mywaterpledge-app/
www.wylandfoundation.org

Like · Comment · Share

50 people saw this post | Boost Post

Columbus Public Utilities shared a link via Paving the Way: Central Ohio Road Construction and Safety.
April 17, 2013

In addition to following speed limits through ODOT's work zones, we can also help prevent accidents by being mindful through our neighborhoods and business districts as city crews work on sewer, water and power lines.

ODOT Kicks Off Workzone Safety Week - WSYX ABC6 - News - Top Stories
abc6onyourside.com

COLUMBUS -- Ohio Department of Transportation Director Jerry Wray will officially kick off Work Zone

Like · Comment · Share 1

42 people saw this post | Boost Post

Columbus Public Utilities shared Friends of the Lower Olentangy Watershed (FLOW)'s photo.
April 11, 2013

FLOW will participate in a panel discussion about the 5th Avenue Dam Removal project on April 18. The event is free and open to the public.

Like · Comment · Share

39 people saw this post | Boost Post

Fire Hydrant Flushing Schedule - Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

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, rusty water while hydrants are flushed in your

Unlike · Comment · Share 1 1

263 people saw this post | Boost Post

Columbus Public Utilities shared a link.
April 21, 2013

http://www.dispatch.com/content/stories/local/2013/04/21/1900s-experiment-helped-rid-city-water-of-disease.html

Did You ?Know? | 1900s 'Experiment' helped rid city water of disease
www.dispatch.com

In 1908, a project to provide clean water for the city became known internationally as "the Columbus Experiment."

Like · Comment · Share

43 people saw this post | Boost Post

Columbus Public Utilities
April 9, 2013

Repairs have been completed to the 8-inch water main at 345 East Beck Street and service has been restored to those customers affected. Because of repairs to the street and other affected utilities, Beck will remain closed between Grant Avenue and Brust Street, as well as Brust northbound from Beck, likely until Thursday evening.

Like · Comment · Share 2

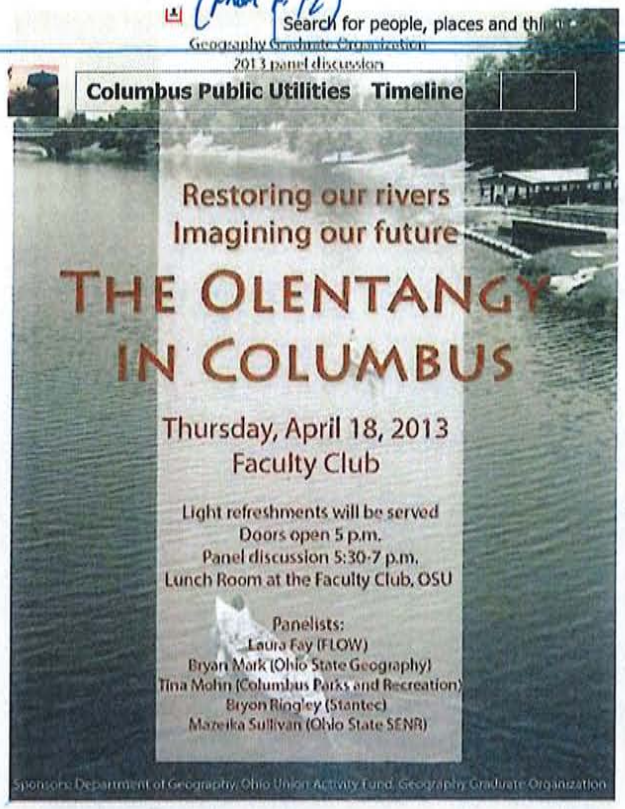
141 people saw this post | Boost Post

(from p. 12)

Search for people, places and things

Geography Graduate Organization
2013 panel discussion

Columbus Public Utilities Timeline



Columbus Public Utilities shared a link.
March 25, 2013

We've come a long way in 100 years. Click like if you are thankful for our Franklinton Floodwall.

1913 Flood: Hundreds killed and thousands of buildings damaged in Columbus
www.dispatch.com

The flood was second only to Noah's. That observation by Bishop Milton Wright, the father of a couple of enterprising lads from Dayton named Orville and Wilbur, wasn't far off. A century later, the Great Flood of

Like · Comment · Share 6

135 people saw this post Boost Post

Columbus Public Utilities shared a link.
March 5, 2013

The Adena Brook Community, one of several volunteer groups that actively protects and promotes local watersheds, is holding a cleanup event this Saturday morning - details via the link below:

Columbus Public Utilities
April 9, 2013

Update on the water main break in German Village, at 345 East Beck Street: Distribution Maintenance crews continue working to repair the break to this 8-inch main and expect to restore water service early this afternoon.

Like · Comment · Share 1

131 people saw this post Boost Post

Columbus Public Utilities shared a link.
April 4, 2013

Department names new Division of Power Administrator today. http://www.utilities.columbus.gov/WorkArea/DownloadAsset.aspx?id=58516

http://www.utilities.columbus.gov/WorkArea/DownloadAsset.aspx?id=58516
www.utilities.columbus.gov

Like · Comment · Share

57 people saw this post Boost Post

Columbus Public Utilities shared a link.
March 19, 2013

Happy Fix A Leak Week! Leaking toilets can really drive up your bill. For free dye tests and a Leak Detection Guide, please call 645-8276.

http://publicutilities.columbus.gov/uploadedFiles/Public_Utilities/Customer_Section/Reduce_Your_Bill
publicutilities.columbus.gov

Like · Comment · Share

66 people saw this post Boost Post

Columbus Public Utilities shared Columbus GreenSpot's album.
March 7, 2013

GreenSpotLight Awards (11 photos)

(FROM P. 13)

http://www.adenabrook.org/category/abc/clean-ups/ Search for people, places and things

Columbus Public Utilities Timeline 2013

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 1

67 people saw this post Boost Post

Columbus Public Utilities

Like · Comment · Share

46 people saw this post Boost Post

Columbus Public Utilities shared Franklin Soil and Water Conservation District's status.
February 25, 2013

Hi all! Because of all this cold weather we've been having, the tree and fish sale has been a little slow. Please share the posting below with your friends. The tree sale funds our Conservation Fund which allows us to help schools and local governments with small conservation projects.

Like · Comment · Share

72 people saw this post Boost Post

Columbus Public Utilities changed their cover photo.
February 22, 2013

Like · Comment · Share 3

33 people saw this post Boost Post

Columbus Public Utilities shared Columbus GreenSpot's photo.
February 21, 2013

You're invited!
You're invited!

Join us on March 6th for the annual GreenSpotLight Awards at Franklin Park Conservatory at 5:30-8:00 for networking, live music, drinks and a short presentation at 6:30 by Mayor Michael B. Coleman.

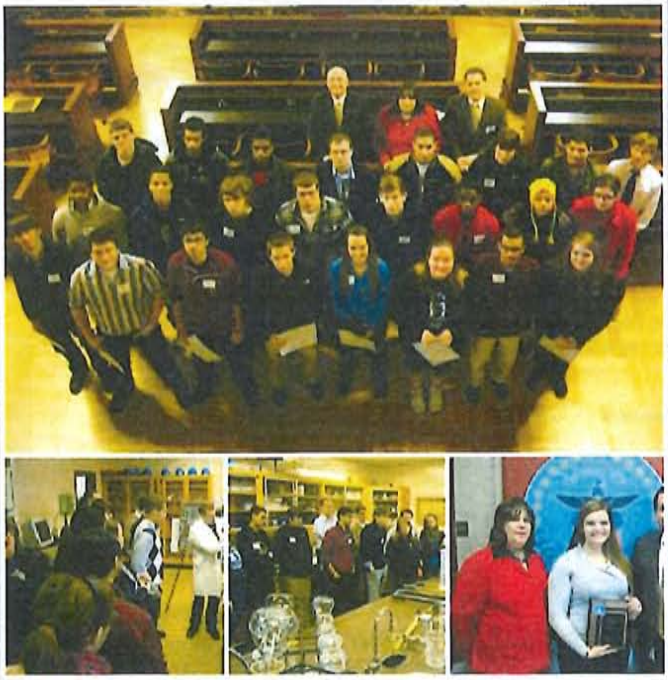
http://www.facebook.com/events/463348570396936/

Like · Comment · Share

56 people saw this post Boost Post

Columbus Public Utilities
February 20, 2013

Engineer for a Day 2013 (4 photos)
The departments of Public Utilities and Public Service once again teamed up to host local high school students in the Engineer for a Day program, sponsored by the Ohio Society of Professional Engineers. DPU has participated in this "career day" event for more than 30 years, aimed at students interested in engineering as a career. Indeed, several current city engineers participated in the program as students.



Unlike · Comment · Share 6 1

Columbus Public Utilities shared a photo.
February 14, 2013

Columbus Public Utilities | Timeline | 2013

Happy Valentine's Day!

Look at this great swan heart from Michigan. (Photo by Charles Dawley - www.flickr.com/odalaigh)

LIKE and SHARE if you love rivers!

Like · Comment · Share 3

58 people saw this post Boost Post

Columbus Public Utilities
February 8, 2013

If you are attending the Columbus Sports, Vacation and Boat Show this weekend, please stop by our booth to meet our watershed rangers.

Unlike · Comment · Share 9 1

102 people saw this post Boost Post

Columbus Public Utilities shared a link.
January 18, 2013

Sewer-tunnels plan might get streamlined
www.dispatch.com

Columbus Public Utilities
February 13, 2013

Water outage on College Avenue on east side/Bexley area from Livingston to around I-70 to repair main water break. No boil advisory anticipated and water service will be restored following repair, expected to be later tonight. For questions, call 645-7788.

Like · Comment · Share

105 people saw this post Boost Post

Columbus Public Utilities shared a note via Columbus City Council.
February 13, 2013

Columbus Announces Community Gardens Grant Opportunity in Partnership with Franklin County

MEDIA RELEASE
For Immediate Release
February 12, 2013

For More Information:
Leslie Strader, Mayor's Office, (614) 645-7673...

Continue Reading ...

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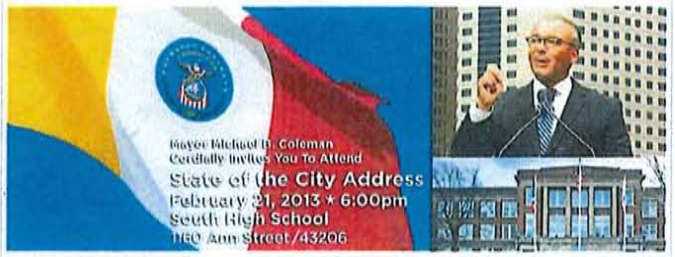
55 people saw this post Boost Post

Columbus Public Utilities changed their cover photo.
February 6, 2013



Like · Comment · Share

37 people saw this post Boost Post

Columbus Public Utilities shared a link.
January 31, 2013

Some customers have noticed that the redesigned Columbus Dispatch no longer offers the local reservoir elevation levels. The information can be found here, see 2nd question on this FAQ.
http://publicutilities.columbus.gov/faqs.aspx?id=41532

Public Utilities, Columbus, Ohio
publicutilities.columbus.gov

The Ohio Environmental Protection Agency for [illegible] delay construction of the second of three huge tunnels while the city [illegible]s for ways to make a mandated, 40-year plan to stop sewage flow[illegible]

Columbus Public Utilities Timeline 2013

Like · Comment · Share 1

56 people saw this post Boost Post

Columbus Public Utilities shared a link via Columbus GreenSpot.
January 11, 2013

Thanks to a few of our staff members for participating in this video!

Take a Look: Get Green Columbus video
www.youtube.com

Like · Comment · Share 1

57 people saw this post Boost Post

Columbus Public Utilities shared a link.
January 9, 2013

The Columbus Department of Public Utilities is advising customers of a 12" main water line break on Arcadia Avenue between High Street and Indianola Avenue. Residents in the vicinity of the break are experiencing low water pressure and/or a... See More

Public Utilities, Columbus, Ohio
www.utilities.columbus.gov

Please report suspected water main breaks to 311 or 645-3111 immediately (Monday - Friday 7a.m. - 6p.m.) or to 645-7788 after hours and weekends.

Like · Comment · Share 3 1

72 people saw this post Boost Post

Like · Comment · Share

68 people saw this post Boost Post

Columbus Public Utilities
January 11, 2013

The boil water advisory issued on Wednesday for some customers on Arcadia Avenue is now cancelled. After sampling and testing the water from this area, no contamination has been found. If customers have questions, they should call 311, 645-3111, 645-8276 or visit www.utilities.columbus.gov.

Like · Comment · Share

78 people saw this post Boost Post

Columbus Public Utilities
January 10, 2013

Update on the water break on Arcadia Avenue between High St. and Indianola: more work is needed on the water line today so some customers in this area may again experience low pressure or an interruption in water service. The boil water advisory for cooking and drinking for one minute continues until further notice. If customers have questions, they should call 311, 645-3111, or directly to Public Utilities' Customer Service Call Center at 645-8276, or check www.utilities.columbus.gov for updates.

Like · Comment · Share 1 1 3

89 people saw this post Boost Post

Columbus Public Utilities shared a link.
January 3, 2013

Is your new year's resolution to save money like on your utilities bill and be more green? Here is a good place to get started: http://www.columbusgreenspot.org/learn/

Learn More | Living Green | Columbus GreenSpot
www.columbusgreenspot.org

GreenSpot was inspired by people like you. People who looked to the City of Columbus for answers to some important questions. Like,

Like · Comment · Share 1

64 people saw this post Boost Post

Thanksgiving tip: Don't pour turkey grease down the drain

By Dean Narciso

The Columbus Dispatch • Thursday November 28, 2013 5:28 AM

That pool of juice simmering around your turkey makes delicious gravy, but when cooled, congealed and poured down a drain, it can become a nasty, costly clog.

The Columbus Department of Public Utilities cautions that fats, oils and grease clog pipes in your house and create subterranean headaches citywide.

"It could end up congealing and coagulating and catch on something like a tree root and become a real problem," said George Zonders, utilities spokesman. "It can cause backups into basements that will create a huge mess."

Last year, utility crews responded to 12 significant snarls related to improper disposal, more than double the fixes in 2011.

Plumbing clogs made headlines in August when sewer workers in London, England, spent 10 days removing a so-called "fatberg" — a 15-ton lump of fat and residue found underground.

While Columbus hasn't experienced elephant-size globs yet, each clog the city fixes costs about $1,500.

Three of last year's clogs were found in residential neighborhoods. The city responded with thousands of door-hangers suggesting proper disposal methods, including waiting for the liquid to gel.

"Let it congeal, wipe it out with paper towels and throw it out," Zonders said.

Adding cat litter or wood shavings to the container also helps absorb the mess and minimize the risk of leaks from your garbage.

If the clog stays in your pipes, the cost can be high as well, according to Water Works plumbing.

Food, in addition to grease, is the season's main culprit.

"It's the overload of food waste," said David Specht, the company's president.

Costs range from $150 to snake a drain to as much as $10,000 to reline a collapsed 6-inch drain that runs from your house to the sewer system.

@DeanNarciso

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.
360water, Inc.				
965 W. Third Avenue	☐	☐	☐	☐
Abbott Nutrition				
2302 Courage Drive	☐	☐	☑	☐
6480 Busch Blvd	☐	☐	☑	☐
350 N 5th St	☐	☐	☑	☐
1 abbott park way	☐	☐	☐	☐
685 Cleveland Ave	☐	☐	☑	☐
901 N Centerville st.	☑	☐	☐	☐
1250 W Maricopa Highway	☐	☐	☐	☐
585 Cleveland Ave	☐	☐	☑	☐
3300 Stelzer Rd	☐	☐	☑	☐
ACF				
4724 Vine Street	☐	☐	☐	☐
advantage environmental service				
3430 hailridge dr	☐	☐	☐	☐
Affirmations Psychological Services				
918 S Front St	☑	☐	☑	☐
American Electric Power				
1 Riverside Plaza, 10th Floor	☐	☐	☐	☐
American Municipal Power				
1111 Schrock Road	☐	☐	☐	☐
Anheuser-Busch				
700 Schrock Rd	☐	☐	☑	☐

	Install 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.
ARCADIS arcadis123	☐	☐	☐	☐
Astute Solutions 2400 Corporate Exchange Drive, suite 150	☐	☐	☐	☐
Barnes & Thornburg LLP 41 South High Street	☐	☐	☐	☐
Bruner Corporation 3637 Lacon Road	☐	☐	☐	☐
Budros, Ruhlin and Roe, Inc. 1801 Watermark Drive, Suite 300	☐	☐	☐	☐
Calfee, Halter & Griswold LLP 21 E. State Street, Suite 1100	☐	☐	☐	☐
CCI Engineering Svs. 2323 W. Fifth Ave., Ste. 120	☐	☐	☐	☐
CDM Smith, Inc. 8800 Lyra Drive #500	☐	☐	☐	☐
Central Ohio Minority Business Association 1393 East Broad Street, Floor 2	☐	☐	☐	☐
Ching Ter Maitreya Temple 2891 E Dublin Granville Road	☐	☐	☑	☐
City Folks Farm Shop 4760 N. High St	☐	☐	☐	☐
City of Columbus Jackson Pike Wastewater Treatment Plant 2104 Jackson Pike	☐	☐	☐	☐
C-Level Consulting 7153 Fallen Oak Trace	☐	☐	☑	☑
Columbus Museum of Art 480 E Broad St	☐	☐	☐	☐
Delicious Real Estate 889 E Long St	☑	☐	☐	☐

	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 a install permeable paving, such as porous concrete or porous pavers.
DHDC Engineering Consulting Services 2390 Advanced Business Center Drive	☐	☐	☐	☐
DLZ 6121 huntley rd	☐	☐	☑	☐
Efficiency Smart 1111 Schrock Rd, Suite 203	☐	☐	☐	☐
Environmental Remediation Contractor 29 W 3rd Ave	☐	☐	☐	☐
Feazel 5855 Chandler Court	☐	☐	☐	☐
Findley Davies, Inc Grandview Office 1335 Dublin Rd, Suite 200A	☐	☐	☐	☐
Findley Davies, Inc. Downtown Office 65 E State St, Suite 1725	☐	☐	☐	☐
Flourish Integrated Therapy, LLC 30 Northwoods Blvd	☐	☐	☐	☐
Friends of the Topiary Park 480 E Town Street	☐	☐	☐	☐
FST Logistics 2040 Atlas Street	☑	☐	☐	☐
Grange Mutual Casualty Company 671 S High St	☐	☑	☐	☐
Green BEAN Delivery 2935 E. 14th Avenue	☐	☐	☐	☐
Green Scoop Pet Waste Recycling 2513 Kreber Ave	☐	☐	☐	☐
Handy Soles LLC 357 Helmbright Drive	☑	☐	☐	☑
Hazen and Sawyer, P.C. 150 E. Campus View Blvd.	☐	☐	☐	☐

	Install 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 install permeable paving, such as porous concrete or porous pavers.
Heinzerling 1800 Heinzerling Drive	☑	☐	☐	☐
Higher Ground Green Roofs 502 W. Rich St.	☑	☐	☑	☐
Holiday Inn Express 701 E Hudson St	☐	☐	☑	☐
Hubbard Grille 793 N. High Street	☐	☐	☐	☐
Hull & Associates Inc. 6397 Emerald Pkwy, Ste 200	☐	☐	☐	☐
iGadget Repair and Recycle 2772 Festival Lane	☐	☐	☐	☐
j. jireh ministries church p.o. box 06315	☐	☑	☐	☐
Jack & Bennys Barnstormer Diner 2160 W Case Rd Box 13	☐	☐	☐	☐
Jack & Bennys Diner 2563 N High St	☐	☐	☐	☐
JadeTrack 4064 BLENDON WAY DR	☐	☐	☐	☐
L Brands, Inc - Morse Road Campus 2 and 3 Limited Parkway	☐	☐	☐	☐
M-Engineering 750 Brooksedge Blvd.	☐	☐	☑	☐
Nationwide Insurance 1 Nationwide Plaza	☐	☐	☑	☐
Ohio Support Services 1291 S. High Street	☐	☐	☑	☐
One Line Coffee 745 N. High Street	☐	☐	☐	☐

	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.
OSU - Baker Systems Engineering 1971 Neil Ave.	☑	☑	☑	☐
OSU - Bricker Hall 190 N Oval Mall	☑	☑	☑	☐
OSU - Buckeye Village Community Center 2724 Defiance Dr.	☑	☑	☑	☐
OSU - Buckeye Village Laundry 2743 Defiance Dr.	☑	☑	☑	☐
OSU - Cable Quonsets 1105 Carmack Rd.	☑	☑	☑	☐
OSU - Caldwell Laboratory 2024 Neil Ave	☐	☑	☑	☐
OSU - Campbell Hall 1787 Neil Ave	☑	☑	☑	☐
OSU - Canfield 236 W 11th Ave	☑	☑	☑	☐
OSU - CarePoint East 543 Taylor Ave	☑	☑	☑	☐
OSU - Celeste Laboratory of Chemistry 120 W 18th Ave	☑	☑	☑	☐
OSU - Central Service Building 2003 Millikin Rd	☑	☑	☑	☐
OSU - Cockins Hall 1958 Neil Ave	☑	☑	☑	☐
OSU - Community Extension Center 905 MT Vernon Ave	☑	☑	☑	☐
OSU - Cunz Hall 1841 Neil Ave	☑	☑	☑	☐
OSU - Davis Baseball Stadium 650 Borror Dr.	☑	☑	☑	☐

	Install 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.
OSU - Davis Heart and Lung Research Institute 473 W 12th Ave	☑	☑	☑	☐
OSU - Derby Hall 154 N Oval Mall	☑	☑	☑	☐
OSU - Doan Hall 410 Medical Center Dr.	☑	☑	☑	☐
OSU - Dodd Hall 480 Medical Center Dr.	☑	☑	☑	☐
OSU - Drake Performance and Event Center 1849 Cannon Dr.	☑	☑	☑	☐
OSU - Dulles Hall 230 W 17th Ave	☑	☑	☑	☐
OSU - Eighteenth Ave, 209 W 209 W 18th Ave	☑	☑	☑	☐
OSU - Electro Science Laboratory 1320 Kinnear Rd.	☑	☑	☑	☐
OSU - Eleventh Ave, 45 W 45 W 11th Ave	☑	☑	☑	☐
OSU - Eleventh Avenue, 33 W 33 W 11th Ave	☑	☑	☑	☐
OSU - Eleventh Avenue, 53 W 53 W 11th Ave	☑	☑	☑	☐
OSU - Evans Laboratory 88 W 18th Ave	☑	☑	☑	☐
OSU - Faculty Club 181 S Oval Dr	☑	☑	☑	☐
OSU - Fawcett Center For Tomorrow 2400 Olentangy River Rd.	☑	☑	☑	☐
OSU - Fechko Alumnae Scholarship House 220-222 W 11th Ave	☑	☑	☑	☐

	Install 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.
OSU - Field Hockey and Outdoor Tennis 550 Irving Schottnstein Dr.	☐	☐	☐	☐
OSU - Fisher Hall 2100 Neil Ave	☑	☑	☑	☐
OSU - Fontana Laboratories 116 W 19th Ave	☑	☑	☑	☐
OSU - Fry Hall 338 W 10th Ave	☑	☑	☑	☐
OSU - Galbreath Equine Center 685 Vernon Tharp St.	☑	☑	☑	☐
OSU - General Biology Annex 1791 Neil Ave	☑	☑	☑	☐
OSU - Gerlach Graduate Programs 2108 Neil Ave	☑	☑	☑	☐
OSU - German House 141 W 11th Ave	☑	☑	☑	☐
OSU - Golf Course - Driving Range 3715 Tremont Rd.	☑	☑	☑	☐
OSU - Golf Course - Pesticide 1475 Mccoy Rd.	☑	☑	☑	☐
OSU - Goss Laboratory 1925 Coffey Rd.	☑	☑	☑	☐
OSU - Hagerty Hall 1775 College Rd.	☑	☑	☑	☐
OSU - Hale Hall 154 W 12th Ave	☑	☑	☑	☐
OSU - Halloran House 23 Curl Dr.	☑	☑	☑	☐
OSU - Hamilton Hall 1645 Neil Ave	☑	☑	☑	☐

	Install 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 & install permeable paving, such as porous concrete or porous pavers.
OSU - Harding Hospital 1670 Upham Dr.	☑	☑	☑	☐
OSU - Haverfield House 112 W Woodruff Ave	☑	☑	☑	☐
OSU - Hawthorne Ave, 1399-1413 1413 Hawthorne Ave	☑	☑	☑	☐
OSU - Hayes Hall 108 N Oval Mall	☑	☑	☑	☐
OSU - Heffner Wetland Research and Education 352 W Dodridge St.	☑	☑	☑	☐
OSU - Highland Street, 1618 1618 Highland St.	☑	☑	☑	☐
OSU - Hitchcock Hall 2070 Neil Ave	☑	☑	☑	☐
OSU - Hopkins Hall 128 N Oval Mall	☑	☑	☑	☐
OSU - Houck House 61 Curl Dr.	☑	☑	☑	☐
OSU - Howlett Hall 2001 Fyffe Ct	☑	☑	☑	☐
OSU - Hughes Hall 1899 College Rd.	☑	☑	☑	☐
OSU - Independence Hall 1923 Neil Ave	☑	☑	☑	☐
OSU - Institute for Behavioral Medical Research 460 Medical Center Dr.	☑	☑	☑	☐
OSU - James Cancer Hospital 300 W 10th Ave	☑	☑	☑	☐
OSU - Jennings Hall 1735 Neil Ave	☑	☑	☑	☐

	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 a install permeable paving, such as porous concrete or porous pavers.
OSU - Jesse Owens Memorial Stadium 2450 Fred Taylor Dr.	☑	☑	☑	☐
OSU - Jesse Owens Recreation Center North 2151 Neil Ave	☑	☑	☑	☐
OSU - Jesse Owens Recreation Center South 175 W 11th Ave	☑	☑	☑	☐
OSU - Jesse Owens West Tennis Center 1031 Carmack Rd.	☑	☑	☑	☐
OSU - Jones Tower 101 Curl Dr.	☑	☑	☑	☐
OSU - Journalism Building 242 W 18th Ave	☑	☑	☑	☐
OSU - Kennedy Commons 251 W 12th Ave	☑	☑	☑	☐
OSU - Kenny Rd, 1900 1900 Kenny Rd.	☑	☑	☑	☐
OSU - Kenny Rd, 1929 1929 Kenny Rd.	☑	☑	☑	☐
OSU - Kenny Rd, 2000 2000-2002 Kenny Rd.	☑	☑	☑	☐
OSU - Kenny Rd, 2006-2030 2006-2030 Kenny Rd.	☑	☑	☑	☐
OSU - Kenny Rd, 2422 3605 Tremont Rd.	☑	☑	☑	☐
OSU - Kinnear Rd, 1100 1100 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Rd, 1275 1275 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Rd, 1314 1314 Kinnear Rd.	☑	☑	☑	☐

	Install 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.
OSU - Kinnear Rd, 1315 1315 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Rd, 930 930 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Rd, 960 960 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Road Center C 1121 Kinnear Rd.	☑	☑	☑	☐
OSU - Kinnear Road Center E 1121 Kinnear Rd.	☐	☑	☑	☐
OSU - Knight House 104 E 15th Avenue	☐	☑	☑	☐
OSU - Knowlton Hall 275 W Woodruff Ave	☐	☑	☑	☐
OSU - Koffolt Laboratories 140 W 19th Ave	☐	☑	☑	☐
OSU - Laboratory Animal Center 2 6089 Godown Rd.	☐	☑	☑	☐
OSU - Lane Ave, 115 W 115 W lane Ave	☑	☑	☑	☐
OSU - Lane Ave, 121 W 121 W Lane Ave	☐	☑	☑	☐
OSU - Lane Ave, 133 W 133 W Lane Ave	☐	☑	☑	☐
OSU - Lane Avenue Residence Hall 328 W Lane Ave.	☑	☑	☑	☐
OSU - Lazenby Hall 1827 Neil Ave Mall	☑	☑	☑	☐
OSU - Library Book Depository 2700 Kenny Rd.	☑	☑	☑	☐

	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.
OSU - Lincoln Tower 1800 Cannon Dr.	☑	☑	☑	☐
OSU- Aero and Astronautical Research Lab 2300 West Case Rd.	☑	☑	☑	☐
OSU- Agriculture Engineering Building 590 Woody Hayes Dr.	☑	☑	☑	☐
OSU- Agronomy Pole Barn 2623 Kenny Rd.	☑	☑	☑	☐
OSU- Agronomy Turf Research 2551 Carmack Rd.	☑	☑	☑	☐
OSU- Animal Science Building 2029 Fyffe Rd.	☑	☑	☑	☐
OSU- Archer House 2130 Neil Ave.	☑	☑	☑	☐
OSU- Aronoff Laboratory 318 W 12th Ave.	☑	☑	☑	☐
OSU- Arps Hall 1945 N High St.	☑	☑	☑	☐
OSU- Atwell Hall 453 W 10th Ave.	☑	☑	☑	☐
OSU- Baker Hall 93 & 129 W 12th Ave.	☑	☑	☑	☐
OSU- Barrett House 17 Curl Dr.	☑	☑	☑	☐
OSU- Bevis Hall 1080 Carmack Rd.	☑	☑	☑	☐
OSU- Biocontainment Laboratory 2090 Carmack Dr.	☑	☑	☑	☐
OSU- Biological Science Building 484 W 12th Ave.	☑	☑	☐	☐

	Install tern 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 install permeable pa...g, such as porous concrete or porous pavers.
OSU- Biological Science Greenhouses 332 W 12th Ave.	☑	☑	☑	☐
OSU- Biomedical Research Tower 460 W 12th Ave.	☑	☑	☑	☐
OSU- Blackburn House 120 W Woodruff Ave.	☑	☑	☑	☐
OSU- Blackwell Inn 2110 Tuttle Park Pl.	☑	☑	☑	☐
OSU- Blankenship Hall 901 Woody Hayes Dr.	☑	☑	☑	☐
OSU- Bloch Cancer Survivors Plaza 2180 Olentangy River Rd.	☐	☐	☐	☐
2180 Olentangy River Rd.	☑	☐	☑	☐
OSU- Bolz Hall 2036 Neil Ave Mall	☑	☑	☑	☐
OSU- Bradley Hall 221 W 12th Ave	☑	☑	☑	☐
OSU- Buckeye Village Recreational Hall 2704 Defiance Dr.	☑	☑	☑	☐
OSU- Child Care Center 725 Ackerman Rd	☑	☑	☑	☐
OSU- Community Extension Center 905 MT Vernon Ave	☑	☑	☑	☐
OSU- Comprehensive Cancer Center 410 W 12th Ave	☑	☑	☑	☐
OSU- Converse Hall 2121 Tuttle Park Pl	☑	☑	☑	☐
OSU- Davis Medical Research Center 480 Medical Center Dr.	☑	☑	☑	☐

	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.
OSU- Denney Hall 164 W 17th Ave	☑	☑	☑	☐
OSU- Drakett Tower 161 Curl Dr.	☑	☑	☑	☐
OSU- Dreese Laboratories 2015 Niel Ave	☑	☑	☑	☐
OSU- Drinko Hall 55 W 12th Ave	☑	☑	☑	☐
OSU- Eighteenth Avenue Library 175 W 18th Ave	☑	☑	☑	☐
OSU- Enarson Classroom Building 2009 Millikin Rd.	☑	☑	☑	☐
OSU- Graves Hall 333 W 10th Ave	☑	☑	☑	☐
OSU Hanley Alumnae Scholarship House 225 W 10th Ave	☑	☑	☑	☐
OSU- Kuhn Honors and Scholars House 220 W 12th Ave	☐	☐	☐	☐
OSU- Zoology Research Laboratory 1292 Kinnear RD	☐	☐	☐	☐
OSU- Zoology Research Laboratory Annex 1292 Kinnear RD	☑	☑	☐	☐
OSU-4-H Center 2201 Fred Taylor Dr.	☑	☑	☑	☐
OSU-Ackerman Rd, 600-640,670,680 600-640,670,680 ACKERMAN	☑	☑	☑	☐
OSU-Ackerman Rd. 650 Ackerman Rd. 650	☑	☑	☑	☐
OSU-Ackerman Rd. 660 Ackerman Rd. 660	☑	☑	☑	☐

	Install 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.
OSU-Adventure Recreation Center 855 Woody Hayes Dr.	☐	☐	☐	☐
OSU-Agricultural Administration 2120 Fyffe Rd.	☑	☑	☑	☐
OSU-Residence on Tenth 230 W 10th Ave	☑	☑	☑	☐
Parsons Ave Water Plant - City 5600 Parsons Ave	☐	☐	☑	☐
Portia's Cafe 4428 indianola ave	☐	☐	☐	☐
Progressive Marketing and Management 1301 Dublin Road Suite 102	☐	☐	☐	☐
Raisin Rack Natural Food Market 2545 Schrock Road	☐	☐	☐	☐
Regus 2440 findley	☐	☐	☐	☐
replenish: the spa co-op 382 E. Town Street	☑	☐	☐	☐
SiteInsight 676 Brook Hollow	☐	☐	☐	☐
St. Agnes Church 2364 W. Mound St.	☑	☐	☑	☐
Stoneridge Medical Specialties 3900 Stoneridge Lane	☐	☐	☐	☐
Sues Sewing, L.L.C. 3860 Corona Court	☑	☐	☐	☐
T&M Associates 4675 Lakehurst Court, Suite 250	☐	☐	☐	☐
Tansky Toyota 6300 Sawmill Road	☐	☐	☐	☐

	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.
TechColumbus 1275 Kinnear Road	☐	☐	☐	☐
The Crest Gastropub 2855 Indianola Ave.	☑	☐	☑	☐
The Kroger Co 1350 N High St	☐	☐	☐	☐
The kroger Co. 4111 Executive Parkway	☐	☐	☐	☐
The Ohio State University 2003 Milikin Road	☑	☑	☑	☐
Thurber House 77 Jefferson Ave.	☐	☐	☐	☐
TRANE Commercial Systems 2300 CityGate Drive	☐	☐	☐	☐
URS Corporation 277 W. Nationwide Blvd.	☐	☐	☐	☐
Vaughn E. Hairston YMCA 3500 First Ave	☑	☑	☑	☐
Virtue Salon 3333 N High St	☑	☐	☑	☐
Weldon 3656 Paragon Drive	☐	☐	☑	☐

	Install 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.
White Castle Restaurant				
1620 Stringtown Rd	☐	☐	☐	☐
4525 Kenny Rd	☐	☐	☐	☐
24599 US Hwy 23 S	☐	☐	☐	☐
2125 Schorrway Dr NW	☐	☐	☐	☐
6791 E Broad St	☐	☐	☐	☑
5875 Scarborough Blvd	☐	☐	☐	☐
1550 Hilliard-Rome Rd	☐	☐	☐	☐
1555 W Broad St	☐	☐	☐	☐
904 Hebron Rd	☐	☐	☐	☐
1025 Alum Creek Drive	☐	☐	☐	☐
801 E Fifth Ave	☐	☐	☐	☐
1080 S Hamilton Rd	☐	☐	☐	☐
1435 E Dublin Granville Rd	☐	☐	☐	☐
3540 W Broad St	☐	☐	☐	☐
965 N High St	☐	☐	☐	☐
White Castle Resturant				
1111 South High Street	☐	☐	☐	☐
White Castle System, Inc.				
555 West Goodale Street	☐	☐	☑	☐
WSA Studio				
982 S. Front Street	☐	☐	☐	☐
WWCD102.5 FM				
1036 South Front Street	☑	☐	☐	☐
ZipZone Canopy Tours				
7925 North High Street	☑	☐	☐	☑

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.

219 Records From 01-Jan-2013 Through 31-Dec-2013

Green Spot Businesses
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.
360water, Inc.			
965 W. Third Avenue	☐	☑	☐
Abbott Nutrition			
2302 Courage Drive	☑	☑	☑
6480 Busch Blvd	☐	☑	☑
350 N 5th St	☐	☑	☑
1 abbott park way	☑	☑	☑
685 Cleveland Ave	☐	☑	☑
901 N Centerville st.	☑	☐	☑
1250 W Maricopa Highway	☑	☑	☑
585 Cleveland Ave	☐	☑	☑
3300 Stelzer Rd	☐	☑	☑
ACF			
4724 Vine Street	☐	☐	☐
advantage environmental service			
3430 hailridge dr	☑	☑	☑
Affirmations Psychological Services			
918 S Front St	☑	☑	☑
American Electric Power			
1 Riverside Plaza, 10th Floor	☐	☑	☐
American Municipal Power			
1111 Schrock Road	☐	☑	☐
Anheuser-Busch			
700 Schrock Rd	☑	☑	☑

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.
ARCADIS			
arcadis123	☐	☐	☐
Astute Solutions			
2400 Corporate Exchange Drive, suite 150	☐	☐	☐
Barnes & Thornburg LLP			
41 South High Street	☐	☐	☐
Bruner Corporation			
3637 Lacon Road	☐	☑	☐
Budros, Ruhlin and Roe, Inc.			
1801 Watermark Drive, Suite 300	☐	☐	☐
Calfee, Halter & Griswold LLP			
21 E. State Street, Suite 1100	☐	☐	☐
CCI Engineering Svs.			
2323 W. Fifth Ave., Ste. 120	☐	☐	☑
CDM Smith, Inc.			
8800 Lyra Drive #500	☐	☐	☐
Central Ohio Minority Business Association			
1393 East Broad Street, Floor 2	☐	☐	☑
Ching Ter Maitreya Temple			
2891 E Dublin Granville Road	☑	☑	☑
City Folks Farm Shop			
4760 N. High St	☐	☐	☐
City of Columbus Jackson Pike Wastewater Treatment Plant			
2104 Jackson Pike	☐	☐	☐
C-Level Consulting			
7153 Fallen Oak Trace	☑	☑	☑
Columbus Museum of Art			
480 E Broad St	☑	☑	☑
Delicious Real Estate			
889 E Long St	☑	☑	☐

Business	Clean Out[illegible] Areas with a Broom a[illegible] or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or Ot[illegible] Items Where Runoff Water Flows Into the Storm Drain.
DHDC Engineering Consulting Services 2390 Advanced Business Center Drive	☑	☐	☑
DLZ 6121 huntley rd	☐	☑	☐
Efficiency Smart 1111 Schrock Rd, Suite 203	☐	☐	☐
Environmental Remediation Contractor 29 W 3rd Ave	☑	☐	☑
Feazel 5855 Chandler Court	☑	☑	☑
Findley Davies, Inc Grandview Office 1335 Dublin Rd, Suite 200A	☐	☑	☐
Findley Davies, Inc. Downtown Office 65 E State St, Suite 1725	☐	☑	☐
Flourish Integrated Therapy, LLC 30 Northwoods Blvd	☑	☑	☑
Friends of the Topiary Park 480 E Town Street	☑	☑	☑
FST Logistics 2040 Atlas Street	☑	☑	☑
Grange Mutual Casualty Company 671 S High St	☑	☑	☑
Green BEAN Delivery 2935 E. 14th Avenue	☑	☑	☑
Green Scoop Pet Waste Recycling 2513 Kreber Ave	☐	☐	☐
Handy Soles LLC 357 Helmbright Drive	☑	☐	☑
Hazen and Sawyer, P.C. 150 E. Campus View Blvd.	☐	☐	☐

Business	Clean Outdoor Areas with a Broom / 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 (Items Where Runoff Water Flows Into the Storm Drain.
Heinzerling 1800 Heinzerling Drive	☐	☑	☐
Higher Ground Green Roofs 502 W. Rich St.	☑	☐	☑
Holiday Inn Express 701 E Hudson St	☑	☑	☐
Hubbard Grille 793 N. High Street	☐	☑	☑
Hull & Associates Inc. 6397 Emerald Pkwy, Ste 200	☐	☐	☑
iGadget Repair and Recycle 2772 Festival Lane	☐	☐	☑
j. jireh ministries church p.o. box 06315	☑	☑	☑
Jack & Bennys Barnstormer Diner 2160 W Case Rd Box 13	☑	☑	☑
Jack & Bennys Diner 2563 N High St	☑	☑	☐
JadeTrack 4064 BLENDON WAY DR	☑	☑	☐
L Brands, Inc - Morse Road Campus 2 and 3 Limited Parkway	☑	☑	☑
M-Engineering 750 Brooksedge Blvd.	☑	☐	☑
Nationwide Insurance 1 Nationwide Plaza	☑	☑	☐
Ohio Support Services 1291 S. High Street	☑	☑	☑
One Line Coffee 745 N. High Street	☐	☐	☑

Business	Clean Ou[illegible]r Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Ca[illegible] Equipment, Floor Mats, or C[illegible]er Items Where Runoff Water Flows Into the Storm Drain.
OSU - Baker Systems Engineering 1971 Neil Ave.	☑	☐	☑
OSU - Bricker Hall 190 N Oval Mall	☑	☐	☑
OSU - Buckeye Village Community Center 2724 Defiance Dr.	☑	☐	☑
OSU - Buckeye Village Laundry 2743 Defiance Dr.	☑	☐	☑
OSU - Cable Quonsets 1105 Carmack Rd.	☑	☐	☑
OSU - Caldwell Laboratory 2024 Neil Ave	☑	☐	☑
OSU - Campbell Hall 1787 Neil Ave	☑	☐	☑
OSU - Canfield 236 W 11th Ave	☑	☐	☑
OSU - CarePoint East 543 Taylor Ave	☑	☐	☑
OSU - Celeste Laboratory of Chemistry 120 W 18th Ave	☑	☐	☑
OSU - Central Service Building 2003 Millikin Rd	☑	☐	☑
OSU - Cockins Hall 1958 Neil Ave	☑	☐	☑
OSU - Community Extension Center 905 MT Vernon Ave	☑	☐	☑
OSU - Cunz Hall 1841 Neil Ave	☑	☐	☑
OSU - Davis Baseball Stadium 650 Borror Dr.	☑	☐	☑

Business	Clean Out[illegible]or Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or C[illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU - Davis Heart and Lung Research Institute 473 W 12th Ave	☑	☐	☑
OSU - Derby Hall 154 N Oval Mall	☑	☐	☑
OSU - Doan Hall 410 Medical Center Dr.	☑	☐	☑
OSU - Dodd Hall 480 Medical Center Dr.	☑	☐	☑
OSU - Drake Performance and Event Center 1849 Cannon Dr.	☑	☐	☑
OSU - Dulles Hall 230 W 17th Ave	☑	☐	☑
OSU - Eighteenth Ave, 209 W 209 W 18th Ave	☑	☐	☑
OSU - Electro Science Laboratory 1320 Kinnear Rd.	☑	☐	☑
OSU - Eleventh Ave, 45 W 45 W 11th Ave	☑	☐	☑
OSU - Eleventh Avenue, 33 W 33 W 11th Ave	☑	☐	☑
OSU - Eleventh Avenue, 53 W 53 W 11th Ave	☑	☐	☑
OSU - Evans Laboratory 88 W 18th Ave	☑	☐	☑
OSU - Faculty Club 181 S Oval Dr	☑	☐	☑
OSU - Fawcett Center For Tomorrow 2400 Olentangy River Rd.	☑	☐	☑
OSU - Fechko Alumnae Scholarship House 220-222 W 11th Ave	☑	☐	☑

Business	Clean Out[illegible]r Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or O[illegible]r Items Where Runoff Water Flows Into the Storm Drain.
OSU - Field Hockey and Outdoor Tennis 550 Irving Schottnstein Dr.	☐	☐	☐
OSU - Fisher Hall 2100 Neil Ave	☑	☐	☑
OSU - Fontana Laboratories 116 W 19th Ave	☑	☐	☑
OSU - Fry Hall 338 W 10th Ave	☑	☐	☑
OSU - Galbreath Equine Center 685 Vernon Tharp St.	☑	☐	☑
OSU - General Biology Annex 1791 Neil Ave	☑	☐	☑
OSU - Gerlach Graduate Programs 2108 Neil Ave	☑	☐	☑
OSU - German House 141 W 11th Ave	☑	☐	☑
OSU - Golf Course - Driving Range 3715 Tremont Rd.	☑	☐	☑
OSU - Golf Course - Pesticide 1475 Mccoy Rd.	☑	☐	☑
OSU - Goss Laboratory 1925 Coffey Rd.	☑	☐	☑
OSU - Hagerty Hall 1775 College Rd.	☑	☐	☑
OSU - Hale Hall 154 W 12th Ave	☑	☐	☑
OSU - Halloran House 23 Curl Dr.	☑	☐	☑
OSU - Hamilton Hall 1645 Neil Ave	☑	☐	☑

Business	Clean Out Outdoor Areas with a Broom / 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 C Items Where Runoff Water Flows Into the Storm Drain.
OSU - Harding Hospital 1670 Upham Dr.	☑	☐	☑
OSU - Haverfield House 112 W Woodruff Ave	☑	☐	☑
OSU - Hawthorne Ave, 1399-1413 1413 Hawthorne Ave	☑	☐	☑
OSU - Hayes Hall 108 N Oval Mall	☑	☐	☑
OSU - Heffner Wetland Research and Education 352 W Dodridge St.	☑	☐	☑
OSU - Highland Street, 1618 1618 Highland St.	☑	☐	☑
OSU - Hitchcock Hall 2070 Neil Ave	☑	☐	☑
OSU - Hopkins Hall 128 N Oval Mall	☑	☐	☑
OSU - Houck House 61 Curl Dr.	☑	☐	☑
OSU - Howlett Hall 2001 Fyffe Ct	☑	☐	☑
OSU - Hughes Hall 1899 College Rd.	☑	☐	☑
OSU - Independence Hall 1923 Neil Ave	☑	☐	☑
OSU - Institute for Behavioral Medical Research 460 Medical Center Dr.	☑	☐	☑
OSU - James Cancer Hospital 300 W 10th Ave	☑	☐	☑
OSU - Jennings Hall 1735 Neil Ave	☑	☐	☑

Business	Clean Out[illegible] Areas with a Broom a[illegible] or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or Ot[illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU - Jesse Owens Memorial Stadium 2450 Fred Taylor Dr.	☑	☐	☑
OSU - Jesse Owens Recreation Center North 2151 Neil Ave	☑	☐	☑
OSU - Jesse Owens Recreation Center South 175 W 11th Ave	☑	☐	☑
OSU - Jesse Owens West Tennis Center 1031 Carmack Rd.	☑	☐	☑
OSU - Jones Tower 101 Curl Dr.	☑	☐	☑
OSU - Journalism Building 242 W 18th Ave	☑	☐	☑
OSU - Kennedy Commons 251 W 12th Ave	☑	☐	☑
OSU - Kenny Rd, 1900 1900 Kenny Rd.	☑	☐	☑
OSU - Kenny Rd, 1929 1929 Kenny Rd.	☑	☐	☑
OSU - Kenny Rd, 2000 2000-2002 Kenny Rd.	☑	☐	☑
OSU - Kenny Rd, 2006-2030 2006-2030 Kenny Rd.	☑	☐	☑
OSU - Kenny Rd, 2422 3605 Tremont Rd.	☑	☐	☑
OSU - Kinnear Rd, 1100 1100 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Rd, 1275 1275 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Rd, 1314 1314 Kinnear Rd.	☑	☐	☑

Business	Clean Outdoor Areas with a Broom / 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.
OSU - Kinnear Rd, 1315 1315 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Rd, 930 930 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Rd, 960 960 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Road Center C 1121 Kinnear Rd.	☑	☐	☑
OSU - Kinnear Road Center E 1121 Kinnear Rd.	☑	☐	☑
OSU - Knight House 104 E 15th Avenue	☑	☐	☑
OSU - Knowlton Hall 275 W Woodruff Ave	☑	☐	☑
OSU - Koffolt Laboratories 140 W 19th Ave	☑	☐	☑
OSU - Laboratory Animal Center 2 6089 Godown Rd.	☑	☑	☐
OSU - Lane Ave, 115 W 115 W lane Ave	☑	☐	☑
OSU - Lane Ave, 121 W 121 W Lane Ave	☑	☐	☑
OSU - Lane Ave, 133 W 133 W Lane Ave	☑	☑	☑
OSU - Lane Avenue Residence Hall 328 W Lane Ave.	☑	☐	☑
OSU - Lazenby Hall 1827 Neil Ave Mall	☑	☐	☑
OSU - Library Book Depository 2700 Kenny Rd.	☑	☐	☑

Business	Clean Out[illegible]r Areas with a Broom a[illegible] / 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 O[illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU - Lincoln Tower 1800 Cannon Dr.	☑	☐	☑
OSU- Aero and Astronautical Research Lab 2300 West Case Rd.	☑	☐	☑
OSU- Agriculture Engineering Building 590 Woody Hayes Dr.	☑	☐	☑
OSU- Agronomy Pole Barn 2623 Kenny Rd.	☑	☐	☑
OSU- Agronomy Turf Research 2551 Carmack Rd.	☑	☐	☑
OSU- Animal Science Building 2029 Fyffe Rd.	☑	☐	☑
OSU- Archer House 2130 Neil Ave.	☑	☐	☑
OSU- Aronoff Laboratory 318 W 12th Ave.	☑	☐	☑
OSU- Arps Hall 1945 N High St.	☑	☐	☑
OSU- Atwell Hall 453 W 10th Ave.	☑	☐	☑
OSU- Baker Hall 93 & 129 W 12th Ave.	☑	☐	☑
OSU- Barrett House 17 Curl Dr.	☑	☐	☑
OSU- Bevis Hall 1080 Carmack Rd.	☑	☐	☑
OSU- Biocontainment Laboratory 2090 Carmack Dr.	☑	☐	☑
OSU- Biological Science Building 484 W 12th Ave.	☑	☐	☑

Business	Clean Oi[illegible]or Areas with a Broom [illegible] / 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 [illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU- Biological Science Greenhouses			
332 W 12th Ave.	☑	☐	☑
OSU- Biomedical Research Tower			
460 W 12th Ave.	☑	☐	☑
OSU- Blackburn House			
120 W Woodruff Ave.	☑	☐	☑
OSU- Blackwell Inn			
2110 Tuttle Park Pl.	☑	☐	☑
OSU- Blankenship Hall			
901 Woody Hayes Dr.	☑	☐	☑
OSU- Bloch Cancer Survivors Plaza			
2180 Olentangy River Rd.	☐	☐	☐
2180 Olentangy River Rd.	☑	☐	☑
OSU- Bolz Hall			
2036 Neil Ave Mall	☑	☐	☑
OSU- Bradley Hall			
221 W 12th Ave	☑	☐	☑
OSU- Buckeye Village Recreational Hall			
2704 Defiance Dr.	☑	☐	☑
OSU- Child Care Center			
725 Ackerman Rd	☑	☐	☑
OSU- Community Extension Center			
905 MT Vernon Ave	☑	☐	☑
OSU- Comprehensive Cancer Center			
410 W 12th Ave	☑	☐	☑
OSU- Converse Hall			
2121 Tuttle Park Pl	☑	☐	☑
OSU- Davis Medical Research Center			
480 Medical Center Dr.	☑	☐	☑
OSU- Denney Hall			
164 W 17th Ave	☑	☐	☑

Business	Clean Out [illegible] Areas with a Broom a[illegible] 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 Ot[illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU- Drakett Tower 161 Curl Dr.	☑	☐	☑
OSU- Dreese Laboratories 2015 Niel Ave	☑	☐	☑
OSU- Drinko Hall 55 W 12th Ave	☑	☐	☑
OSU- Eighteenth Avenue Library 175 W 18th Ave	☑	☐	☑
OSU- Enarson Classroom Building 2009 Millikin Rd.	☑	☐	☑
OSU- Graves Hall 333 W 10th Ave	☑	☐	☑
OSU Hanley Alumnae Scholarship House 225 W 10th Ave	☑	☐	☑
OSU- Kuhn Honors and Scholars House 220 W 12th Ave	☐	☐	☐
OSU- Zoology Research Laboratory 1292 Kinnear RD	☐	☐	☐
OSU- Zoology Research Laboratory Annex 1292 Kinnear RD	☑	☐	☑
OSU-4-H Center 2201 Fred Taylor Dr.	☑	☐	☑
OSU-Ackerman Rd, 600-640,670,680 600-640,670,680 ACKERMAN	☑	☐	☑
OSU-Ackerman Rd. 650 Ackerman Rd. 650	☑	☐	☑
OSU-Ackerman Rd. 660 Ackerman Rd. 660	☑	☐	☑
OSU-Adventure Recreation Center 855 Woody Hayes Dr.	☐	☐	☐

Business	Clean Ov[illegible]or Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or [illegible] Items Where Runoff Water Flows Into the Storm Drain.
OSU-Agricultural Administration 2120 Fyffe Rd.	☑	☐	☑
OSU-Residence on Tenth 230 W 10th Ave	☑	☐	☑
Parsons Ave Water Plant - City 5600 Parsons Ave	☑	☑	☑
Portia's Cafe 4428 indianola ave	☐	☑	☐
Progressive Marketing and Management 1301 Dublin Road Suite 102	☑	☑	☑
Raisin Rack Natural Food Market 2545 Schrock Road	☐	☑	☑
Regus 2440 findley	☑	☐	☐
replenish: the spa co-op 382 E. Town Street	☑	☑	☑
SiteInsight 676 Brook Hollow	☑	☑	☑
St. Agnes Church 2364 W. Mound St.	☑	☐	☐
Stoneridge Medical Specialties 3900 Stoneridge Lane	☑	☑	☑
Sues Sewing, L.L.C. 3860 Corona Court	☑	☐	☑
T&M Associates 4675 Lakehurst Court, Suite 250	☐	☐	☐
Tansky Toyota 6300 Sawmill Road	☑	☑	☑
TechColumbus 1275 Kinnear Road	☑	☐	☑

Business	Clean Ou[illegible]r Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Ca[illegible] Equipment, Floor Mats, or O[illegible]r Items Where Runoff Water Flows Into the Storm Drain.
The Crest Gastropub			
2855 Indianola Ave.	☑	☑	☐
The Kroger Co			
1350 N High St	☐	☑	☑
The kroger Co.			
4111 Executive Parkway	☐	☑	☑
The Ohio State University			
2003 Milikin Road	☑	☐	☑
Thurber House			
77 Jefferson Ave.	☑	☑	☑
TRANE Commercial Systems			
2300 CityGate Drive	☐	☐	☐
URS Corporation			
277 W. Nationwide Blvd.	☐	☑	☐
Vaughn E. Hairston YMCA			
3500 First Ave	☑	☑	☑
Virtue Salon			
3333 N High St	☑	☑	☑
Weldon			
3656 Paragon Drive	☐	☑	☑

Business	Clean Ou[illegible]or Areas with a Broom [illegible] / or Damp Mop Instead of a Hose.	Keep Receiving Areas and Dumpsters Clear of Litter.	Do not Hose off or Wash Car[illegible] Equipment, Floor Mats, or C[illegible] Items Where Runoff Water Flows Into the Storm Drain.
White Castle Restaurant			
1620 Stringtown Rd	☑	☑	☑
4525 Kenny Rd	☑	☑	☑
24599 US Hwy 23 S	☑	☑	☑
2125 Schorrway Dr NW	☑	☑	☑
6791 E Broad St	☑	☑	☑
5875 Scarborough Blvd	☑	☑	☑
1550 Hilliard-Rome Rd	☑	☑	☑
1555 W Broad St	☑	☑	☑
904 Hebron Rd	☑	☑	☑
1025 Alum Creek Drive	☑	☑	☑
801 E Fifth Ave	☑	☑	☑
1080 S Hamilton Rd	☑	☑	☑
1435 E Dublin Granville Rd	☑	☑	☑
3540 W Broad St	☑	☑	☑
965 N High St	☑	☑	☑
White Castle Resturant			
1111 South High Street	☑	☑	☑
White Castle System, Inc.			
555 West Goodale Street	☑	☑	☐
WSA Studio			
982 S. Front Street	☑	☐	☑
WWCD102.5 FM			
1036 South Front Street	☑	☑	☑
ZipZone Canopy Tours			
7925 North High Street	☑	☑	☐

219 Records From 01-Jan-2013 Through 31-Dec-2013

TENTATIVE

SCHEDULE OF CITY COUNCIL MEETINGS FOR 2013

1/07/13	NO MEETING
1/14/13	Reg.Mtg.#1 & 2, 5:00 & 6:30 p.m.
1/21/13	NO MEETING – MARTIN LUTHER KING DAY
1/28/13	Reg.Mtg.#3 & 4, 5:00 & 6:30 p.m.
2/04/13	Reg.Mtg.#5 & 6, 5:00 & 6:30 p.m.
2/11/13	Reg.Mtg.#7 & 8, 5:00 & 6:30 p.m.
2/18/13	NO MEETING - PRESIDENT'S DAY
2/25/13	Reg.Mtg.#9 & 10, 5:00 & 6:30 p.m.
3/04/13	Reg.Mtg.#11 & 12, 5:00 & 6:30 p.m.
3/11/13	NO MEETING
3/18/13	Reg.Mtg.#13 & 14, 5:00 & 6:30 p.m.
3/25/13	NO MEETING – FIRST SEDER (PASSOVER)
4/01/13	Reg.Mtg.#15 & 16, 5:00 & 6:30 p.m.
4/08/13	Reg. Mtg.#17 & 18, 5:00 & 6:30 p.m.
4/15/13	Reg.Mtg.#19 & 20, 5:00 & 6:30 p.m.
4/22/13	Reg.Mtg.#21 & 22, 5:00 & 6:30 p.m.
4/29/13	Reg.Mtg.#23 & 24, 5:00 & 6:30 p.m.
5/06/13	Reg.Mtg.#25 & 26, 5:00 & 6:30 p.m.
5/13/13	Reg.Mtg.#27 & 28, 5:00 & 6:30 p.m.
5/20/13	Reg.Mtg.#29 & 30, 5:00 & 6:30 p.m.
5/27/13	NO MEETING - MEMORIAL DAY
6/03/13	Reg.Mtg.#31 & 32, 5:00 & 6:30 p.m.
6/10/13	Reg.Mtg.#33 & 34, 5:00 & 6:30 p.m.
6/17/13	Reg.Mtg.#35 & 36, 5:00 & 6:30 p.m.
6/24/13	Reg.Mtg.#37 & 38, 5:00 & 6:30 p.m.
7/01/13	Reg.Mtg.#39 & 40, 5:00 & 6:30 p.m.
7/08/13	NO MEETING
7/15/13	Reg.Mtg.#41 & 42, 5:00 & 6:30 p.m.
7/22/13	Reg.Mtg.#43 & 44, 5:00 & 6:30 p.m.
7/29/13	Reg.Mtg.#45 & 46, 5:00 & 6:30 p.m.
AUGUST – RECESS	
9/02/13	NO MEETING - LABOR DAY
9/09/13	Reg.Mtg.#47 & 48, 5:00 & 6:30 p.m.
9/16/13	Reg.Mtg.#49 & 50, 5:00 & 6:30 p.m.
9/23/13	Reg.Mtg.#51 & 52, 5:00 & 6:30 p.m.
9/30/13	Reg.Mtg.#53 & 54, 5:00 & 6:30 p.m.
10/07/13	Reg.Mtg.#55 & 56, 5:00 & 6:30 p.m.
10/14/13	NO MEETING - COLUMBUS DAY
10/21/13	Reg.Mtg.#57 & 58, 5:00 & 6:30 p.m.
10/28/13	Reg.Mtg.#59 & 60, 5:00 & 6:30 p.m.
11/04/13	Reg.Mtg.#61 & 62, 5:00 & 6:30 p.m.
11/11/13	Reg.Mtg.#63 & 64, 5:00 & 6:30 p.m.
11/18/13	Reg.Mtg.#65 & 66, 5:00 & 6:30 p.m.
11/25/13	Reg.Mtg.#67 & 68, 5:00 & 6:30 p.m.
12/02/13	NO MEETING
12/09/13	Reg.Mtg.#69 & 70, 5:00 & 6:30 p.m.
12/16/13	Reg.Mtg.#71 & 72, 5:00 & 6:30 p.m.
12/23/13	NO MEETING – HOLIDAY RECESS
12/30/13	NO MEETING – HOLIDAY RECESS

*****SUBJECT TO CHANGE*****

Addresses of Home Septic Systems
Known to Discharge to
the City of Columbus MS4
December 31, 2013

ADDRESS	SIZE (in.)	MATERIAL	CONFIGUTATION
1001 MEEKLYNN DR	18	CONC	CIRCULAR
1114 WOODLAND AVE	60	CONC	CIRCULAR
1181 REFUGEE RD	12	VCP	CIRCULAR
1271 SOUTHPORT CIR	12	CONC	CIRCULAR
1290 NORTHPORT CIR	18	VCP	CIRCULAR
1301 SOUTHPORT DR	12	CMP	CIRCULAR
1315 SOUTHPORT DR	12	POLYETH-HD	CIRCULAR
1328 NORTHPORT DR	12	VCP	CIRCULAR
1355 SOUTHPORT DR	12	CONC	CIRCULAR
1379 SOUTHPORT DR	12	CONC	CIRCULAR
1388 PORTAGE DR	8	VCP	CIRCULAR
1390 SOUTHPORT DR	10	VCP	CIRCULAR
1400 NORTHPORT DR	12	VCP	CIRCULAR
1575 WEST CASE RD	0		CHANNEL
1582 STUDER AVE	12	CONC	CIRCULAR
1584 ZETTLER RD	12	CONC	CIRCULAR
1593 WEST CASE RD	0		CHANNEL
1712 BARNETT RD	24	CONC	CIRCULAR
1715 E 24TH AVE	12	CONC	CIRCULAR
1828 SNOUFFER RD	15	VCP	CIRCULAR
1855 SNOUFFER RD	15	POLYETH-HD	CIRCULAR
1865 SNOUFFER RD	10	VCP	CIRCULAR
1867 SNOUFFER RD	15	POLYETH-HD	CIRCULAR
1871 SNOUFFER RD	15	POLYETH-HD	CIRCULAR
1877 SNOUFFER RD	12	POLYETH-HD	CIRCULAR
1885 SNOUFFER RD	12	POLYETH-HD	CIRCULAR
1891 SNOUFFER RD	12	POLYETH-HD	CIRCULAR
1907 SNOUFFER RD	12	POLYETH-HD	CIRCULAR
1920 WILLIAMS RD	12	CONC	CIRCULAR
1992 BROWN RD	10	PVC	CIRCULAR
2066 PARKWOOD AVE	48	CONC	CIRCULAR
2101 WOODWARD AVE	8	VCP	CIRCULAR
2155 DUBLIN RD	10	CMP	CIRCULAR
2206 WOODWARD AVE	24	CONC	CIRCULAR
2221 WATKINS RD	8	VCP	CIRCULAR
2225 MCKINLEY AVE	18	CONC	CIRCULAR
2300 SUNBURY RD	18	CONC	CIRCULAR
2322 SUNBURY RD	12	CONC	CIRCULAR
2363 STRIMPLE AVE	24	CONC	CIRCULAR
2374 SUNBURY RD	12	CONC	CIRCULAR
2385 STELZER RD	21	CONC	CIRCULAR
2390 KILBOURNE AVE	24	CONC	CIRCULAR
2445 BROOKLYN RD	15	CONC	CIRCULAR
2460 N CASSADY AVE	12	CONC	CIRCULAR
2626 FISHER RD	24	CONC	CIRCULAR
2640 MCCUTCHEON RD	8	VCP	CIRCULAR
2646 MCCUTCHEON RD	8	VCP	CIRCULAR
2654 MCCUTCHEON RD	8	VCP	CIRCULAR

Addresses of Home Septic Systems Known to Discharge to the City of Columbus MS4 December 31, 2013

ADDRESS	SIZE (in.)	MATERIAL	CONFIGUTATION
2665 SPANGLER RD	24	CONC	CIRCULAR
2688 MCCUTCHEON RD	8	VCP	CIRCULAR
2699 S HIGH ST	24	CONC	CIRCULAR
2700 AGLER RD	8	CONC	CIRCULAR
2710 MCCUTCHEON RD	8	VCP	CIRCULAR
2862 JOHNSTOWN RD (2)	12	CONC	CIRCULAR
2878 INNIS RD	15	VCP	CIRCULAR
2895 S HIGH ST	15	CONC	CIRCULAR
2900 INNIS RD	18	CONC	CIRCULAR
3078 LEWIS RD	30	CONC	CIRCULAR
3215 E DESHLER AVE	42	CONC	CIRCULAR
3237 E DESHLER AVE	42	CONC	CIRCULAR
3300 LOCKBOURNE RD	60	CONC	CIRCULAR
3452 PETZINGER RD	12	CONC	CIRCULAR
3458 BEXVIE AVE	30	CONC	CIRCULAR
3462 BEXVIE AVE	36	C	CIRCULAR
3555 EL PASO DR	8	CONC	CIRCULAR
3599 REFUGEE RD	42	CONC	CIRCULAR
3600 FERRELL PL	12	CONC	CIRCULAR
3600 SKYLINE DR	0		CHANNEL
3625 SKYLINE DR	12	CONC	CIRCULAR
3712 BEHM RD	8	CONC	CIRCULAR
3750 BEHM RD	8	VCP	CIRCULAR
3801 ALUM CREEK DR	0		
3992 SUNBURY RD	10	CONC	CIRCULAR
406-420 MORRISON RD	0		CHANNEL
4495 CLEVELAND AVE	24	CONC	CIRCULAR
4699 TRABUE RD	0		CHANNEL
4820 KENNY RD	60	CONC	CIRCULAR
4832 KENNY RD	60	CONC	CIRCULAR
4927 POSTLEWAITE RD	12	CONC	CIRCULAR
5132 N HIGH ST	21	CONC	CIRCULAR
6033 REFUGEE RD	6	PVC	CIRCULAR
6700 SKYLINE DR	6	VCP	CIRCULAR
6723 SKYLINE DR	15	CONC	CIRCULAR
6788 SKYLINE DR	12	VCP	CIRCULAR
6847 SMOKY ROW RD	24	CONC	CIRCULAR
6883 LINWORTH RD	24	CMP	CIRCULAR
885 MEEKLYNN DR	8	PVC	CIRCULAR
945 SAFIN RD	10	CONC	CIRCULAR
949 MEEKLYNN DR	12	CONC	CIRCULAR
975 SAFIN RD	8	VCP	CIRCULAR

Notes: 3375 Briggs Road and 3399 Briggs Road were listed in the 2012 Annual Report. It was determined that the treatment systems at these addresses discharge to a county storm sewer system. These addresses, therefore, are no longer identified as being connected to the City's MS4.

City of Columbus
Stormwater Water Management Program
2013 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
1/8/2013	Michigan Department of Environmental Quality	Introduction to the DEQ Industrial Storm Water Program	1	IF
1/8/2013	Michigan Department of Environmental Quality	Storm Water Employee Training	1	GH
1/8/2013	Michigan Department of Environmental Quality	What to Expect During a DEQ Industrial Storm Water Inspection	1	IF
1/22/2013	Stormwater & Regulatory Management Section	Overview of Inspections and Dry Weather Sampling	4	IDDE
2/8/2013	City of Columbus Department of Public Utilities	Citywide Orientation	38	GH
2/20/13	Franklin Soil & Water Conservation, Fairfield Soil & Water Conservation, Union Soil & Water Conservation, MORPC, ODOT	Central Ohio Stormwater & Erosion Control Expo	10	CP, PC
3/12/13-3/13/13	County Engineers Association of Ohio	2013 Ohio Stormwater Management & Drainage Conference	1	PC
3/20/2013	Storm Water Solutions	Green Infrastructure Solutions	1	CP, GH
3/20/2013	Gordon Keller	Philadelphia Green City	1	CP, GH
3/20/2013	Storm Water Solutions	Collaborative Stormwater Management	1	CP, GH
3/20/2013	Storm Water Solutions	Storm Water Solutions Virtual Expo	1	PC
3/25/2013	City of Columbus Stormwater Regulatory Management Section	Post Construction BMPs-Water Quality Unit training	8	PC
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Watershed Management: It Takes Money Too	2	PD

City of Columbus
Stormwater Water Management Program
2013 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Implementing the Integrated Municipal Stormwater and Wastewater Planning Approach in Ohio	2	PD
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	MSD Integrated Watershed Management Planning Approach to Achieve Sustainable Communities	2	PD
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Lessons Learned on Large Scale Green Infrastructure Projects	2	PD
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	FLOW-An Example of Watershed Workings	2	PD
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	5th Avenue Dam Removal and Ecosystemm Restoration project	2	CP, PC
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Olentangy River Greenway Plan	2	PD
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Post Contruction BMP Monitoring: Critical to a Successful Green Infrastructure	2	PC
4/4/2013	The Ohio Water Environment Association/The Ohio State Univeristy's Society of Environmental Engineers	Green Infrastructure: The Solution that Meets the Triple Bottom Line	2	PC

City of Columbus
Stormwater Water Management Program
2013 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
4/5/2013	City of Columbus Department of Public Utilities	Citywide Orientation	49	GH
4/30/2013	US Water Alliance	EPA Stormwater Rulemaking	1	PD
4/30/2013	DPU	Efficiency Cities Stormwater Role Update	2	PD
5/3/2013	City of Columbus Stormwater Regulatory Management Section	Post Construction BMPs-Water Quality Unit training	2	PC
5/9/2013	The Ohio Water Environment Association/2013 Collection Systems Workshop	Green Infrastructure "Integrated Solutions" Planning & Design	2	PC
5/9/2013	The Ohio Water Environment Association/2013 Collection Systems Workshop	SWMMS LID Control for Green Infrastructure Modeling	2	PC
5/16/2013	Stormwater & Regulatory Management Section	Sampling Procedures	4	IDDE
5/23/2013	Forester University	Clean Streets Mean Clean Streams	4	GH
6/14/2013	City of Columbus Department of Public Utilities	Citywide Orientation	57	GH
7/30/2013	Stormwater One	Stormwater Management for Oil & Gas Operations	1	CP
8/9/2013	City of Columbus Department of Public Utilities	Citywide Orientation	56	GH
8/27/2013	Forester University	Erosion Control Systems and Their Role in Green Infrastructure	1	CP, PC
8/15/2013	Forester University	Impact on Permeable Pavement Design and Construction on Performance	4	PC
10/4/2013	City of Columbus Department of Public Utilities	Citywide Orientation	58	GH

City of Columbus
Stormwater Water Management Program
2013 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
10/23/2013	USEPA	National Stormwater Calculator	1	PC
10/31/2013	SEOWEA Section Meeting	Fifth Avenue Dam Removal and Lower Olentangy River Rest Tour	1	CP
10/31/2013	SEOWEA Section Meeting	Construction Challenges for the Fifth Avenue Dam Removal	1	CP
10/31/2013	SEOWEA Section Meeting	Fifth Avenue Dam Removal and Lower Olentangy River Rest	1	CP
10/31/2013	SEOWEA Section Meeting	Water Resource Restoration Sponsor Program Funding	1	CP
10/31/2013	SEOWEA Section Meeting	Implementing the Framwork of Vision: Fifth Avenue Dam Removal and River Restoration	1	CP
11/5/2013	Stormwater & Regulatory Management Section	Review of Dry Weather Sampling Procedures	3	IDDE
11/13/13-11/14/13	The Water Managemment Association of Ohio	Now Trending-Innovations in Water Resource Management	1	PC, WWM
11/14/2013	Forester University	Street Dirt: A Better Way of Measuring BMP Effectiveness	15	CP, PC, IDDE
12/13/2013	City of Columbus Department of Public Utilities	Citywide Orientation	64	GH
Various	Department of Public Utilities, Division of Power and Water	SWPPP Training at 3 water treatment plants, 910 Dublin Road facility, 3 watershed management facilities, and 3500/3568 Indianola Avenue facility	219	GH

City of Columbus
Stormwater Water Management Program
2013 Employee Training Summary

Date(s)	Sponsor	Name of Class / Description	No. of City Attendees	Relevant Program Element*
Various	Department of Public Utilities, Division of Sewerage and Drainage	SWPPP Training at 2 wastewater treatment plants, the 7000 Jackson Pike compost facility, 1250 Fairwood Avenue sewer maintenance facility, and Grit pad facility	192	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	126	GH
Various	Department of Recreation & Parks	SWPPP Training for 14 Recreation & Parks Grounds Maintenance facilities and 5 City-owned golf courses	62	GH
Various	Department of Finance & Management	SWPPP Training for Facilities Management	62	GH

***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
IF - Industrial Facilities
WWM - Wet Weather Monitoring

2013 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
0001T0030	3/15/2013					0							
0001T0169	9/18/2013	Clear	None	Clear	No	.9	7.9	18	0	0	0	.2	.25
0001T0281	5/20/2013					0							
0001T0289	5/20/2013					0							
0001T0291	5/20/2013					0							
0001T0449	3/15/2013					0							
0001T0663	3/15/2013					0							
0001T1005	3/15/2013					0							
0001T1343	7/16/2013					0							
0001T2115	5/20/2013					0							
0001T2120	3/15/2013					0							
0001T3164	3/15/2013					0							
0002T2446	7/15/2013					0							
0002T2446	5/20/2013					0							
0002T2570	7/16/2013					0							
0002T2840	5/20/2013					0							
0002T2841	5/20/2013					0							
0002T2847	5/20/2013					0							
0002T2848	5/20/2013					0							
0002T2849	5/20/2013					0							
0002T2850	5/20/2013					0							
0002T2852	5/20/2013					0							
0002T3020	5/20/2013					0							
0005T1055	4/4/2013					0							
0005T1061	4/4/2013	Clear	None	Clear	No	N/M	7.8	10	0	0	0	.1	.25
0006T0152	7/16/2013					0							
0006T0524	4/4/2013					0							
0006T1003	7/16/2013					0							
0009T0111	5/13/2013					0							
0009T0143	4/23/2013					0							
0009T0558	5/13/2013					0							
0009T0614	5/13/2013					0							
0009T0660	5/13/2013					0							

Notes: N/M = Not Measureable

2013 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
0009T0871	6/24/2013	Clear	None	Clear	No	N/M	7.9	18	0	0	0	.6	0
0009T0916	10/3/2013					0							
0009T0916	5/13/2013					0							
0010T0081	6/24/2013					0							
0010T0569	4/23/2013					0							
0010T0676	6/24/2013	Clear	None	Clear	No	.4	8.1	18	0	0	.1	.2	0
0010T0699	5/15/2013					0							
0010T0707	5/15/2013					0							
0010T0855	4/23/2013					0							
0018T0729	9/18/2013	Clear	None	Clear	No	.17	7.7	21	0	0	0	.2	0
0019T0007	9/18/2013					0							
0019T0471	9/18/2013					0							
0019T0471	3/15/2013	Clear	None	Clear	No	N/M		7	0	0	0	.1	.25
0020T0009	3/15/2013					0							
0021T0314	4/2/2013					0							
0023T0987	5/14/2013					0							
0024T0001	5/14/2013					0							
0027T0276	4/22/2013					0							
0027T0298	12/2/2013	Clear	None	Clear	No	N/M	8.3	9	0	0	.6	0	0
0027T0369	4/8/2013					0							
0027T0736	4/22/2013					0							
0027T0748	4/22/2013					0							
0027T0753	4/22/2013	Clear	None	Clear	No	N/M	7.9	13	0	0	0	.8	.25
0033T0423	5/21/2013	Clear	None	Clear	No	.2	7.9	17	0	0	0	.2	0
0033T0427	5/21/2013					0							
0033T0636	5/22/2013	Clear	None	Clear	No	.4	7.7	14	0	0	.1	0	0
0033T0980	6/4/2013					0							
0033T0985	6/4/2013					0							
0033T2108	5/22/2013					0							
0037T0104	6/21/2013					0							
0037T0467	6/21/2013					0							
0037T0728	6/21/2013					0							
0038T0031	6/21/2013					0							

Notes: N = Not Measureable

2013 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
0040T0076	9/18/2013	Clear	None	Clear	No	.21	7.2	18	0	0	0	.2	.25
0042T0507	3/21/2013					0							
0042T0532	8/28/2013					0							
0042T0585	3/15/2013					0							
0043T1075	4/2/2013	Clear	None	Clear	No	.1	7.3	6	0	0	0	.1	.25
0043T1273	3/4/2013					0							
0043T1362	8/28/2013	Clear	None	Clear	No	.8	8.3	21	0	0	0	.2	0
0044T0536	8/28/2013	Clear	None	Clear	No	.9	7.8	23	0	0	.6	.1	0
0044T0536	4/2/2013	Clear	None	Clear	No	4.08	7.2	4	0	0	1.0	.25	.25
0044T0659	8/28/2013	Clear	None	Clear	No	.1	8.3	22	0	0	0	.1	.25
0044T0883	4/2/2013					N/M							
0044T1004	8/28/2013	Clear	None	Clear	No	.8	7.8	23	0	0	.2	.1	0
0044T1004	4/2/2013	Clear	None	Clear	No	N/M	6.8	7	0	0	.1	.1	.5
0044T1394	4/2/2013					0							
0044T1438	8/28/2013	Clear	None	Clear	No	.2	7.6	22	0	0	0	.2	0
0046T0439	8/12/2013	Clear	None	Clear	No	N/M	8.1	21	0	0	0	.1	.25
0046T0441	5/14/2013					0							
0046T0442	4/16/2013					0							
0046T0995	5/14/2013					0							
0047T0005	4/23/2013					0							
0047T0140	5/15/2013	Clear	None	Clear	No	.5	7.2	17	0	0	0	.6	.25
0047T0210	5/15/2013					0							
0048T0099	3/22/2013					0							
0048T0102	3/22/2013					0							
0051T0548	12/3/2013	Clear	None	Clear	No	.1	7.6	13	0	0	0	.1	.25
0052T0282	12/2/2013	Clear	None	Clear	No	N/M	7.8	7	0	0	0	.6	.25
0052T0437	12/2/2013					0							
0052T0438	12/2/2013					0							
0052T0440	12/2/2013	Clear	None	Clear	No	.2	7.9	16	0	0	0	.1	.25
0052T1010	12/2/2013					0							
0057T0420	9/3/2013					0							
0058T0336	5/22/2013	Clear	None	Clear	No	N/M	7.2	14	0	0	0	.8	0
0058T0513	8/6/2013					0							

Notes: N/M = Not Measureable

2013 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
0058T0514	8/6/2013					0							
0060T0079	6/4/2013					0							
0060T0103	5/21/2013					0							
0060T0109	5/21/2013	Clear	None	Clear	No	.2	7.4	17	0	0	0	.4	.25
0061T0125	4/4/2013					0							
0061T0135	6/5/2013					0							
0062T0054	4/4/2013	Clear	None	Clear	No	.1	8.1	10	0	0	0	.4	.25
0062T0085	6/21/2013					0							
0062T0128	6/21/2013	Clear	None	Clear	No	.17	7.5	17	0	0	0	.6	.25
0062T0316	4/4/2013					0							
0062T0320	4/4/2013					0							
0063T0161	6/24/2013	Cloudy	None	Cloudy	No	.9	7.5	17	0	0	0	10	.25
0063T0257	4/4/2013					0							
0063T0848	4/4/2013					0							
0064T0070	12/4/2013					0							
0064T0282	12/4/2013	Clear	None	Clear	No	.19	8.0	12	0	.4	0	0	.25
0064T0282	6/21/2013	Clear	None	Clear	No	N/M	7.7	17	0	0	0	1.0	.25
0068T0009	10/11/2013	Clear	None	Clear	No	N/M	8.1	18	0	0	0	.8	.25
0068T0408	10/11/2013	Clear	None	Clear	No	N/M	8.2	20	0	0	.1	.2	.25
0068T0408	4/4/2013	Clear	None	Clear	No	N/M	7.7	7	0	0	0	.1	0
0068T0434	10/11/2013					0							
0068T0586	9/4/2013					0							
0068T0586	4/4/2013	Clear	Sewage	Clear	No	.1	7.8	4	0	0	0	10	1.5
0068T0841	9/4/2013					0							
0068T0894	10/11/2013					0							
0069T0029	4/8/2013					0							
0070T0072	10/2/2013					0							
0071T0011	4/8/2013	Clear	None	Clear	No	.12	7.7	12	0	0	0	.1	.25
0071T0239	10/2/2013					0							
0071T0367	10/2/2013					0							
0071T0384	10/2/2013					0							
0071T0384	4/2/2013					0							
0071T0455	10/2/2013					0							

Notes: N = Not Measureable

2013 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
0071T0495	10/2/2013					0							
0071T0770	8/28/2013					0							
0072T0069	4/8/2013	Clear	None	Clear	No	.3	7.7	9	0	0	0	.2	.25
0072T0080	4/8/2013	Clear	None	Clear	No	.8	7.5	10	0	0	0	.1	.25
0072T0089	3/22/2013	Clear	None	Clear	No	.1	7.3	6	0	0	0	.1	.25
0072T0152	4/1/2013	Clear	None	Clear	No	.1	7.8	8	0	0	0	.2	.5
0072T0291	8/28/2013	Clear	None	Clear	No	.11	7.8	20	0	0	0	.2	0
0072T0291	4/16/2013	Clear	None	Clear	No	.30	7.4	12	0	0	0	.2	.25
0072T0340	3/22/2013					0							
0072T0342	4/1/2013	Clear	None	Clear	No	.15	7.6	8	0	0	0	.1	0
0072T0366	4/1/2013					0							
0072T0370	5/6/2013	Clear	None	Clear	No	.54	8.3	13	0	0	0	.1	0
0072T0633	3/4/2013	Clear	None	Clear	No	N/M	6.6	2	0	0	0	.2	.25
0072T0674	5/21/2013					0							
0073T0080	4/2/2013					0							
0073T0082	4/2/2013	Clear	None	Clear	No	.1	7.2	6	0	0	0	.1	.25
0073T0143	11/25/2013					0							
0073T0169	4/2/2013	Clear	None	Clear	No	.1	7.3	6	0	0	0	.1	.25
0073T0274	5/21/2013					0							
0073T0538	5/6/2013					0							
0073T0565	4/1/2013					0							
0073T0570	4/1/2013					0							
0073T0601	4/1/2013					0							
0074T0076	4/23/2013					0							
0074T0077	4/22/2013					0							
0074T0132	4/23/2013					0							
0074T0167	4/23/2013					0							
0074T0180	4/23/2013					0							
0074T0221	4/22/2013					0							
0074T0230	4/22/2013					0							
0074T0239	4/22/2013	Clear	None	Clear	No	.1	7.4	11	0	0	0	.1	0
0074T0249	4/22/2013	Clear	None	Clear	No	.77	7.5	12	0	0	0	.1	.25
0074T0273	5/15/2013					0							

Notes: N/M = Not Measureable

2013 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
0074T0287	5/15/2013					0							
0074T0455	4/22/2013					0							
0074T0466	8/28/2013	Clear	None	Clear	No	.11	7.3	21	0	0	0	.2	.75
0074T0466	5/6/2013	Clear	None	Clear	No	N/M	7.5	11	0	0	0	.1	.25
0074T0530	5/6/2013					0							
0074T0553	4/22/2013					0							
0074T0558	4/23/2013					0							
0074T0577	4/23/2013					0							
0074T0589	4/23/2013					0							
0074T0596	4/22/2013					0							
0074T0602	5/14/2013					0							
0074T0603	5/14/2013					0							
0074T0638	4/22/2013	Clear	None	Clear	No	N/M	7.2	12	0	0	0	.2	.25
0074T0683	3/21/2013					0							
0074T0692	4/23/2013					0							
0074T0693	4/22/2013	Clear	None	Clear	No	N/M	7.7	10	0	0	0	.1	.25
0074T0694	4/23/2013					0							
0074T0695	5/6/2013					0							
0074T0704	5/15/2013					0							
0074T0711	5/14/2013					0							
0074T0719	5/15/2013					0							
0074T0744	4/22/2013					0							
0074T0766	4/22/2013	Clear	None	Clear	No	N/M	7.4	12	0	0	0	.1	0
0074T0786	5/6/2013					0							
0074T0824	5/6/2013					0							
0077T0278	8/12/2013					0							
0077T0507	8/12/2013	Clear	None	Clear	No	.1	8.2	21	0	0	0	.1	.25
0077T0721	8/12/2013	Clear	None	Clear	No	.2	8.1	21	0	0	0	.1	.25
0077T0721	1/18/2013	Clear	None	Clear	No	.16	7.0	7	0	0	.1	.1	.5
0078T0163	5/15/2013					0							
0078T0166	3/22/2013					0							
0078T0387	5/14/2013	Clear	None	Clear	No	N/M	7.7	14	0	0	0	.2	0
0078T0848	5/14/2013	Clear	None	Clear	No	.2	8.2	13	0	0	0	.4	0

Notes: N/M = Not Measureable

2013 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
0078T0858	5/14/2013					0							
0079T0043	4/23/2013					0							
0079T0180	3/22/2013					0							
0079T0375	4/23/2013					0							
0079T0378	4/23/2013					0							
0079T0539	5/15/2013					0							
0079T0594	4/23/2013	Clear	None	Clear	No	.2	7.7	13	0	0	0	2.0	.50
0085T0115	12/2/2013	Clear	None	Clear	No	N/M	7.9	12	0	0	0	.1	0
0085T0796	12/2/2013					0							
0085T0801	12/2/2013					0							
0085T0803	12/2/2013					0							
0085T0852	10/15/2013	Clear	None	Clear	No	.3	7.7	18	0	0	0	.4	.25
0086T0161	12/2/2013	Clear	None	Clear	No	.4	8.1	13	0	0	0	.1	0
0086T0375	9/16/2013					0							
0090T0049	8/6/2013					0							
0090T0197	9/4/2013					0							
0090T0394	11/11/2013	Clear	None	Clear	No	.1	7.2	14	0	0	0	.1	0
0090T0483	7/19/2013					0							
0090T0561	11/11/2013	Clear	None	Clear	No	N/M	7.6	12	0	0	0	.1	.25
0090T0637	11/11/2013	Clear	None	Clear	No	N/M	7.2	10	0	0	0	.2	.25
0091T0001	9/3/2013					0							
0091T000A	9/3/2013					0							
0091T0404	9/3/2013					0							
0092T0147	9/4/2013					0							
0092T0165	9/4/2013					0							
0092T0169	9/4/2013					0							
0092T0347	9/4/2013					0							
0092T0351	9/4/2013					0							
0093T0704	9/4/2013					0							
0094T0550	9/4/2013	Clear	None	Clear	No	N/M	7.3	18	0	0	0	.2	.25
0094T0603	9/4/2013	Clear	None	Clear	No	.5	7.9	21	0	0	0	.2	.75
0097T0677	6/5/2013	Clear	None	Clear	No	N/M	7.6	19	0	0	0	.4	0
0098T0002	11/5/2013					0							

Notes: N/M = Not Measureable

2013 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
0098T0423	4/4/2013					0							
0099T0146	7/15/2013					0							
0099T0298	6/5/2013					0							
0100T0018	12/4/2013					0							
0100T0026	12/4/2013	Clear	None	Clear	No	.3	8.1	12	0	0	0	.4	.25
0100T0184	11/5/2013					0							
0101T0070	10/31/2013					0							
0101T0192	10/31/2013					0							
0101T0372	10/31/2013					0							
0102T0524	11/4/2013	Clear	None	Clear	No	.36	7.4	13	0	0	0	.2	.25
0106T0009	10/11/2013	Clear	None	Clear	No	.1	8.0	20	0	0	0	.2	0
0106T0605	9/18/2013	Clear	None	Clear	No	N/M	7.7	18	0	0	0	.2	.25
0106T0605	5/21/2013	Clear	None	Clear	No	N/M	7.3	16	0	0	0	.2	.25
0107T0170	10/1/2013					0							
0107T0186	10/1/2013					0							
0107T0189	10/11/2013					0							
0107T0195	10/11/2013					0							
0111T0145	4/15/2013	Clear	None	Clear	No	.11	7.8	16	0	0	0	.1	0
0112T0108	4/1/2013					0							
0112T0180	4/1/2013					0							
0112T0181	4/1/2013					0							
0112T0185	8/26/2013					0							
0112T0185	4/1/2013					0							
0112T0190	4/1/2013	Clear	None	Clear	No	.1	7.0	7	0	0	0	.2	0
0112T0191	4/1/2013					0							
0112T0197	4/1/2013					0							
0112T0306	4/1/2013					0							
0112T0308	4/1/2013					0							
0112T0311	8/26/2013					0							
0112T0311	4/1/2013					0							
0112T0422	8/26/2013					0							
0112T0422	4/15/2013	Clear	None	Clear	No	N/M	7.7	10	0	0	0	.1	.25
0112T0530	8/26/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
0112T0530	4/1/2013					0							
0112T0531	4/1/2013	Clear	None	Clear	No	.1	6.7	4	0	0	0	.1	.25
0112T0564	8/26/2013					0							
0112T0564	4/1/2013	Clear	None	Clear	No	N/M	7.7	10	0	0	0	.1	.25
0113T0036	12/3/2013	Clear	None	Clear	No	.14	8.1	11	0	0	0	.4	.25
0113T0036	5/22/2013	Clear	None	Clear	No	.66	8.0	15	0	0	0	.1	.25
0113T0109	5/20/2013	Clear	None	Clear	No	.1	8.2	16	0	0	0	.3	.25
0113T0117	12/3/2013	Clear	None	Clear	No	.1	8.0	10	0	0	0	.6	.25
0113T0117	5/15/2013	Clear	None	Clear	No	N/M	7.5	16	0	0	0	.1	.5
0113T0202	11/25/2013	Clear	None	Clear	No	N/M	8.0	4	0	0	0	.2	.25
0113T0202	5/21/2013	Clear	None	Clear	No	.46	7.8	15	0	0	0	.01	.25
0113T0240	5/21/2013					0							
0113T0261	5/15/2013					0							
0113T0294	12/3/2013					0							
0113T0294	5/20/2013					0							
0113T0297	5/20/2013	Clear	None	Clear	No	.1	8.2	15	0	0	0	.3	.25
0113T0303	5/15/2013					0							
0113T0304	5/15/2013					0							
0113T0554	5/20/2013					0							
0113T0596	5/15/2013					0							
0113T0601	5/20/2013	Clear	None	Clear	No	.3	8.5	20	0	0	.1	.2	0
0113T0794	4/15/2013					0							
0114T0320	11/15/2013	Clear	None	Clear	No	.6	8.0	13	0	0	0	.2	0
0114T0320	5/22/2013	Clear	None	Clear	No	N/M	7.9	15	0	0	0	.02	0
0114T0425	5/21/2013	Clear	None	Clear	No	.58	8.2	16	0	0	0	.1	0
0114T0468	5/22/2013	Clear	None	Clear	No	.76	7.8	16	0	0	0	.2	.25
0114T0630	5/21/2013	Clear	None	Clear	No	.1	8.1	16	0	0	0	.1	.25
0114T0633	2/11/2013					0							
0115T0304	11/15/2013					0							
0115T0304	1/18/2013					0							
0115T0305	11/15/2013					0							
0115T0305	3/21/2013					0							
0116T0513	11/25/2013					0							

Notes: N/M = Not Measureable

2013 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
0116T0733	1/18/2013	Clear	None	Clear	No	1.1	7.6	3	0	0	0	.3	.25
0116T0738	8/12/2013					0							
0116T0749	11/25/2013					0							
0117T0024	9/17/2013					0							
0117T0129	9/17/2013					0							
0117T0220	9/17/2013					0							
0117T0228	9/17/2013	Clear	None	Clear	No	.3	7.6	19	0	0	0	.2	.25
0117T0284	8/12/2013					0							
0118T0949	3/22/2013	Clear	None	Clear	No	N/M	7.6	4	0	0	0	.6	0
0119T0463	4/16/2013	Clear	Other	Clear	No	.3	8.3	13	0	0	2.5	0	0
0119T0468	3/22/2013					0							
0120T0128(N)	3/22/2013					0							
0120T0128(S)	3/22/2013					0							
0120T0312	10/31/2013					0							
0120T0313	10/31/2013					0							
0121T0146	10/31/2013					0							
0122T0231	9/18/2013	Clear	None	Clear	No	N/M	8.4	20	0	0	.3	0	0
0122T0429	9/18/2013					0							
0127T0932	12/2/2013					0							
0127T1071	7/1/2013	Clear	None	Clear	No	.33	8	22	0	0	0	.2	.25
0131T0086	8/6/2013					0							
0131T0128	11/11/2013	Clear	None	Clear	No	N/M	8.5	15	0	0	0	.1	.25
0131T0261	8/6/2013	Clear	None	Clear	No	.5	8.2	22	0	0	0	.3	.25
0132T0596	11/11/2013					0							
0132T0938	11/11/2013					0							
0133T0160	8/6/2013					0							
0135T0119	9/4/2013					0							
0136T0034	6/24/2013					0							
0136T0073	11/15/2013	Clear	None	Clear	No	.1	8.4	13	0	0	.2	.1	0
0140T0120	4/15/2013	Clear	None	Clear	No	.1		13	0	0	2.0	0	.25
0140T0122	6/21/2013	Clear	None	Clear	No	N/M	7.9	16	0	0	1.5	0	0
0140T0421	5/30/2013					0							
0140T0426	5/22/2013					0							

Notes: N = Not Measureable

2013 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
0141T0314	3/21/2013					0							
0141T0440	5/23/2013	Clear	None	Clear	No	.2	8.2	16	0	0	.2	0	.25
0141T0475	8/21/2013					0							
0141T0482	6/5/2013	Clear	None	Clear	No	N/M	7.8	18	0	0	0	.2	0
0141T0487	6/21/2013					0							
0141T0642	5/23/2013					0							
0142T0427	7/15/2013	Clear	None	Clear	No	.7	7.8	18	0	0	0	0	0
0143T0055	7/15/2013					0							
0143T0090	11/5/2013					0							
0143T0127	9/24/2013					0							
0143T0344	11/5/2013					0							
0143T0345	11/5/2013					0							
0145T0127	10/2/2013					0							
0145T0312	10/3/2013					0							
0147T0028	11/4/2013					0							
0147T0375	11/4/2013	Clear	None	Clear	No	N/M	6.9	13	0	0	0	.1	.25
0150T0361	4/10/2013	Clear	None	Clear	No	.21	8	14	0	0	0	.2	.25
0151T0045	4/10/2013	Clear	None	Clear	No	2.26	8.5	16	0	0	0	.2	0
0158T0363	8/26/2013					0							
0158T0363	4/15/2013	Clear	None	Clear	No	.33	7.7	10	0	0	0	.1	0
0159T0132	7/30/2013					0							
0159T0917	8/26/2013					0							
0159T0917	4/15/2013					0							
0159T0960	7/30/2013					0							
0160T0137	11/25/2013	Clear	None	Clear	No	.8	7.7	9	0	0	0	.4	.25
0160T0137	5/31/2013	Clear	None	Clear	No	N/M	7.2	16	0	0	0	.2	.25
0160T0227	5/24/2013	Clear	None	Clear	No	N/M	7.6	12	0	0	0	.4	.25
0160T0241	9/16/2013					0							
0160T0241	5/31/2013					0							
0160T0285	11/25/2013					0							
0160T0285	6/21/2013					0							
0160T0294	12/3/2013	Clear	None	Clear	No	.21	8.1	7	0	0	0	.2	0
0160T0331	9/16/2013					0							

Notes: N/M = Not Measureable

2013 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
0160T0331	6/5/2013	Clear	None	Clear	No	.13	7.6	22	0	0	0	.02	.25
0160T0494	9/17/2013	Clear	None	Clear	No	3.73	8	17	0	0	0	.1	0
0160T0494	6/21/2013	Clear	None	Clear	No	.2	8.0	18	0	0	0	.1	0
0160T0525	9/17/2013					0							
0160T0525	6/21/2013					0							
0160T0569	8/26/2013					0							
0160T0569	4/3/2013					0							
0160T0574	11/25/2013					0							
0160T0574	4/3/2013					0							
0160T0577	4/3/2013					0							
0160T0580	4/3/2013					0							
0160T0713	11/15/2013					0							
0160T0713	5/24/2013	Clear	None	Clear	No	.1	7.5	12	0	0	0	.2	0
0160T0802	11/15/2013	Clear	None	Clear	No	.55	7.7	12	0	0	0	.4	.25
0160T0802	5/31/2013	Clear	None	Clear	No	N/M	8.2	18	0	0	0	.1	.25
0160T0919	11/15/2013					0							
0160T0930	6/5/2013					0							
0161T0091	11/15/2013					0							
0161T0091	6/5/2013					0							
0161T0173	5/3/2013					0							
0161T0287	11/25/2013	Clear	None	Clear	No	.2	7.9	9	0	0	.6	.4	.25
0161T0287	5/22/2013	Clear	None	Clear	No	.17	7.6	13	0	0	0	.02	0
0161T0349	10/29/2013					0							
0161T0349	6/5/2013					0							
0161T0461	11/25/2013					0							
0161T0461	6/4/2013					0							
0161T0479	6/5/2013					0							
0161T0514	6/5/2013					0							
0161T0521	6/5/2013					0							
0161T0528	6/5/2013					0							
0161T0531	6/5/2013					0							
0161T0672	10/29/2013					0							
0161T0672	5/23/2013	Clear	None	Clear	No	N/M	8.2	19	0	0	0	.1	.25

Notes: N[illegible] = Not Measureable

2013 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
0166T0670	11/20/2013					0							
0167T0121	8/16/2013					0							
0167T0164	11/20/2013					0							
0167T0172	11/20/2013					0							
0167T0738	11/20/2013					0							
0167T0841	11/20/2013					0							
0168T0228	9/9/2013					0							
0168T0231	9/9/2013					0							
0168T0242	11/20/2013					0							
0168T0244	11/20/2013					0							
0168T0282	10/31/2013					0							
0168T0567	9/9/2013	Clear	None	Clear	No	.5	7.9	22	0	0	0	.6	.25
0168T0583	10/31/2013					0							
0168T0638	10/31/2013					0							
0169T0376	9/18/2013	Clear	None	Clear	No	.18	8.2	20	0	0	0	.6	.25
0171T0014	10/31/2013					0							
0175T0075	12/3/2013	Clear	None	Clear	No	.3	7.3	14	0	0	0	.2	.25
0175T0075	3/15/2013	Clear	None	Clear	No	.3	7.7	7	0	0	0	.6	.25
0175T0117	11/4/2013	Clear	None	Clear	No	.1	7.9	13	0	0	0	.6	.25
0175T0190	9/5/2013					0							
0175T0407	9/5/2013					0							
0175T0488	7/18/2013					0							
0176T0565	9/5/2013	Clear	None	Clear	No	.61	7.9	20	0	0	0	.2	.75
0180T0266	7/19/2013	Clear	None	Clear	No	.2	8.1	22	0	0	.1	.1	0
0180T0339	7/19/2013					0							
0182T0095	8/6/2013	Clear	None	Clear	No	N/M	7.8	20	0	0	.1	.1	.5
0182T0539	7/19/2013	Clear	None	Clear	No	.1	7.9	23	0	0	0	.2	0
0192T0178	10/9/2013	Clear	None	Clear	No	N/M	7.8	20	0	0	0	.2	0
0192T0328	9/30/2013					0							
0192T0377	10/3/2013					0							
0192T0463	10/9/2013					0							
0192T0727	10/3/2013					0							
0193T0416	8/30/2013					0							

Notes: N/M = Not Measureable

2013 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
0194T0061	8/21/2013	Clear	None	Clear	No	N/M	7.0	20	0	0	0	.1	.25
0194T0156	11/29/2013	Clear	None	Clear	No	.1	7.6	10	0	0	0	.1	.25
0194T0873	11/29/2013					0							
0196T0357	10/2/2013					0							
0196T0589	10/2/2013					0							
0199T0182	11/4/2013	Clear	None	Clear	No	.28	7.8	17	0	0	0	.1	0
0203T0636	10/10/2013					0							
0214T0036	9/26/2013					0							
0214T0044	9/26/2013					0							
0214T0061	9/26/2013					0							
0214T0270	9/26/2013					0							
0215T0070	9/26/2013					0							
0215T0176	9/26/2013	Clear	None	Clear	No	.9	7.9	19	0	0	0	.2	0
0215T0176	6/4/2013	Clear	None	Clear	No	.32	7.7	21	0	0	0	.02	.25
0216T0152	5/3/2013					0							
0216T0172	2/25/2013					0							
0216T0178	5/30/2013					0							
0216T0191	2/25/2013					0							
0216T0196	5/9/2013					0							
0216T0203	5/9/2013					0							
0216T0205	5/9/2013					0							
0216T0314	9/26/2013					0							
0216T0314	5/3/2013	Clear	None	Clear	No	.5	7.8	15	0	0	0	.1	0
0216T0520	5/3/2013					0							
0216T0660	5/2/2013					0							
0216T0663	5/3/2013					0							
0216T0832	5/3/2013					0							
0216T0852	5/2/2013					0							
0216T0866	5/3/2013					0							
0216T0878	5/2/2013					0							
0216T0902	5/30/2013					0							
0216T0919	5/30/2013					0							
0216T0926	5/30/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
0216T0969	5/2/2013					0							
0216T0981	5/2/2013					0							
0216T0998	5/2/2013					0							
0216T1028	5/3/2013					0							
0216T1029	9/26/2013					0							
0216T1029	5/3/2013					0							
0216T1070	12/4/2013					0							
0216T1070	5/9/2013					0							
0216T1074	2/25/2013					0							
0216T1082	5/30/2013					0							
0216T1083	5/30/2013					0							
0216T1087	2/25/2013	Clear	None	Clear	No	N/M	6.9	5	0	0	0	0	.25
0217T0346	12/4/2013					0							
0217T0346	2/25/2013	Clear	None	Clear	No	.16	7.1	5	0	0	0	.1	.25
0217T0424	5/2/2013					0							
0217T0432	12/3/2013					0							
0217T0432	6/24/2013					0							
0219T0232	11/6/2013					0							
0221T0045	9/9/2013					0							
0221T0053	9/9/2013					0							
0221T0148	9/9/2013					0							
0221T0250	9/9/2013	Clear	None	Clear	No	.8	8.1	22	0	0	0	.2	.25
0222T0095	8/16/2013					0							
0222T0098	9/9/2013					0							
0222T0327	9/9/2013					0							
0223T0269	11/20/2013					0							
0223T0883	9/9/2013					0							
0231T0422	10/28/2013					0							
0231T0551	11/4/2013					0							
0231T0691	10/28/2013	Clear	None	Clear	No	.7	8.3	14	0	0	0	.2	.25
0232T0432	11/4/2013					0							
0232T0436	9/24/2013					0							
0232T0449	9/24/2013					0							

Notes: N/M = Not Measureable

2013 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
0234T0402	9/24/2013					0							
0234T0403	9/24/2013	Clear	None	Clear	No	.2	7.6	18	0	0	0	.2	.25
0234T0535	9/24/2013					0							
0237T0143	10/11/2013	Clear	None	Clear	No	.1	7.8	18	0	0	0	.2	0
0237T0310	7/19/2013	Clear	None	Clear	No	N/M	8.2	24	0	0	.4	.1	.25
0238T0975	7/19/2013					0							
0239T0527	8/6/2013					0							
0245T0015	10/15/2013					0							
0245T0023	8/30/2013					0							
0245T0126	4/15/2013					0							
0245T0159	4/15/2013					0							
0250T0181	7/19/2013					0							
0250T0734	8/8/2013					0							
0250T0734	3/21/2013					0							
0251T0044	8/20/2013	Clear	None	Clear	No	.6	8.1	21	0	0	0	.2	0
0251T0350	7/19/2013	Clear	None	Clear	No	.1	8.0	19	0	0	0	.2	0
0251T0355	3/21/2013					0							
0251T0377	7/19/2013	Clear	None	Clear	No	.1	7.8	19	0	0	0	.4	.25
0251T0377	3/21/2013					0							
0251T0382	3/21/2013					0							
0251T0676	8/22/2013					0							
0252T0285	8/22/2013	Clear	None	Clear	No	.2	7.9	21	0	0	0	.4	0
0252T0288	8/22/2013	Clear	None	Clear	No	1.21	7.6	22	0	0	0	.4	.25
0252T0565	8/21/2013					0							
0253T0109	8/21/2013					0							
0255T0150	10/2/2013					0							
0256T0068	10/2/2013					0							
0264T0137	11/4/2013					0							
0264T0178	11/4/2013					0							
0264T0198	11/4/2013					0							
0275T0009	5/13/2013					0							
0275T0018	8/29/2013					0							
0275T001A	5/13/2013	Clear	None	Clear	No	N/M	8.0	12	0	0	0	.2	0

Notes: N[illegible] = Not Measureable

2013 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
0277T0116	8/29/2013					0							
0277T0116	5/13/2013	Clear	None	Clear	No	N/M	7.9	10	0	0	0	.1	0
0277T0514	8/29/2013					0							
0277T0523	8/29/2013					0							
0277T0523	6/4/2013					0							
0277T0528	8/29/2013					0							
0279T0026	12/4/2013					0							
0279T0026	5/8/2013					0							
0279T0138	5/9/2013					0							
0279T0144	12/4/2013					0							
0279T0144	5/9/2013					0							
0279T0415	9/3/2013					0							
0279T0415	5/1/2013	Clear	None	Clear	No	.18	8.4	14	0	0	0	.1	0
0279T0487	5/8/2013					0							
0279T0505	5/9/2013					0							
0279T0509	5/9/2013					0							
0279T0510	5/9/2013					0							
0279T0524	5/9/2013					0							
0279T0558	10/29/2013					0							
0279T0558	5/9/2013					0							
0279T0560	5/9/2013					0							
0279T0572	9/3/2013	Clear	None	Clear	No	.6	8.2	21	0	0	.3	.2	.25
0279T0572	5/1/2013	Clear	None	Clear	No	.46	7.8	14	0	0	0	.1	.25
0279T1011	10/29/2013					0							
0279T1011	5/9/2013					0							
0279T1014	5/8/2013					0							
0279T1322	10/29/2013	Clear	None	Clear	No	.14	8.0	13	0	0	0	.4	.25
0279T1322	5/1/2013					0							
0280T0158	4/9/2013					0							
0280T0170	4/9/2013					0							
0280T0224	4/9/2013					0							
0280T0293	9/3/2013					0							
0280T0293	5/1/2013	Clear	None	Clear	No	.1	8.0	14	0	0	0	.1	.25

Notes: N/M = Not Measureable

2013 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
0280T0323	12/4/2013					0							
0280T0323	5/8/2013					0							
0280T0357	5/1/2013	Clear	None	Clear	No	.1	8.0	10	0	0	0	.1	0
0280T0360	4/9/2013					0							
0280T0368	4/9/2013					0							
0280T0369	4/9/2013					0							
0280T0373	9/3/2013	Clear	None	Clear	No	.7	8.2	22	0	0	0	.8	.25
0280T0380	5/1/2013	Clear	None	Clear	No	.1	7.6	12	0	0	0	.1	0
0280T0381	5/1/2013	Clear	None	Clear	No	.1	7.4	14	0	0	0	.1	.25
0280T0551	5/1/2013	Clear	None	Clear	No	.65	8.1	15	0	0	0	.1	0
0280T0665	12/4/2013	Clear	None	Clear	No	.2	7.3	11	0	0	0	.1	0
0280T0665	2/25/2013	Clear	None	Clear	No	N/M	7.0	6	0	0	0	.1	.25
0283T0121	9/3/2013					0							
0285T0169	8/16/2013					0							
0285T1226	9/9/2013					0							
0291T0180	2/25/2013	Clear	None	Clear	No	.3	8.0	7.7	0	0	.1	0	.25
0292T0123	7/17/2013	Clear	None	Clear	No	.6	8.1	21	0	0	0	.2	0
0294T0015	8/28/2013					0							
0296T000A	10/28/2013					0							
0296T000B	10/3/2013					0							
0296T0542	10/3/2013					0							
0296T0543	10/3/2013					0							
0296T0576	10/28/2013	Clear	None	Clear	No	.1	7.8	10	0	0	0	0	.25
0296T0622	10/3/2013					0							
0296T0737	10/28/2013	Clear	None	Clear	No	.2	7.6	15	0	0	0	.2	.25
0296T0785	7/18/2013	Clear	None	Clear	No	.1	8.2	21	0	0	0	.6	.25
0297T0052	11/4/2013					0							
0297T0104	3/15/2013					0							
0297T0111	3/15/2013	Clear	None	Clear	No	.2	7.8	7	0	0	0	.2	.25
0297T0494	11/6/2013					0							
0297T0502	10/28/2013					0							
0297T0543	10/28/2013	Clear	None	Clear	No	.4	8.5	17	0	0	0	.2	0
0297T1123	10/3/2013					0							

Notes: N = Not Measureable

2013 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
0298T0226	9/24/2013					0							
0298T0467	9/24/2013					0							
0298T0497	9/24/2013					0							
0301T0206	10/30/2013	Clear	None	Clear	No	N/M	7.8	14	0	0	.1	.2	.25
0301T0211	10/30/2013					0							
0301T0249	10/30/2013	Clear	None	Clear	No	N/M	7.9	16	0	0	0	.2	.25
0302T0421	10/30/2013					0							
0302T0659	7/19/2013					0							
0302T0980	10/30/2013					0							
0302T1103	10/10/2013	Clear	None	Clear	No	N/M	7.4	20	0	0	0	.2	0
0303T0435	8/6/2013	Clear	None	Clear	No	1.1	8.1	22	0	0	0	.6	.25
0303T0480	8/6/2013					0							
0303T0565	8/6/2013					0							
0303T0911	7/19/2013					0							
0303T1805	8/6/2013					0							
0304T0453	9/25/2013	Clear	None	Clear	No	.7	7.9	17	0	0	0	.4	.25
0304T0752	9/26/2013					0							
0304T0755	9/27/2013	Clear	None	Clear	No	N/M	7.7	19	0	0	0	.2	.25
0305T000A	9/25/2013	Clear	None	Clear	No	.1	8.2	19	0	0	0	.2	.25
0305T0294	9/25/2013					0							
0305T0450	9/25/2013					0							
0305T0468	9/25/2013	Clear	None	Clear	No	.3	8.3	19	0	0	0	.3	0
0305T0485	9/25/2013					0							
0305T0841	9/25/2013	Clear	None	Clear	No	N /M	8.2	20	0	0	0	.2	0
0305T0849	9/25/2013	Clear	None	Clear	No	.1	8.2	20	0	0	.8	.1	0
0305T0872	9/10/2013					0							
0306T0756	7/1/2013					0							
0307T0480	9/27/2013	Clear	None	Clear	No	.2	7.4	22	0	0	0	.2	0
0313T0143	8/30/2013	Clear	None	Clear	No	.2	8.2	22	0	0	.1	.2	0
0314T0094	8/27/2013	Clear	None	Clear	No	.6	8.1	23	0	0	0	.1	0
0314T0697	8/27/2013	Clear	None	Clear	No	.6	7.6	20	0	0	0	.1	0
0316T0133	7/19/2013	Clear	None	Clear	No	.1	7.8	21	0	0	0	.2	0
0316T0139	8/22/2013					0							

Notes: N/M = Not Measureable

2013 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
0316T0391	7/30/2013					0							
0317T0138	8/22/2013					0							
0317T0167	3/21/2013					0							
0317T0329	7/30/2013	Clear	None	Clear	No	.1	7.4	18	0	0	0	.2	0
0317T0383	7/26/2013					0							
0318T0030	7/25/2013					0							
0318T0061	8/20/2013	Clear	None	Clear	No	.6	7.2	16	0	0	0	.2	.25
0318T0526	7/25/2013					0							
0319T0086	7/25/2013	Clear	None	Clear	No	2.11	7.3	19	0	0	0	.2	.25
0319T0720	7/25/2013					0							
0319T0721	7/25/2013					0							
0320T0312	7/25/2013					0							
0320T0421	8/8/2013					0							
0320T0770	8/8/2013					0							
0320T0828	8/8/2013					0							
0321T0038	10/1/2013					0							
0321T0065	10/1/2013					0							
0322T000A	9/30/2013					0							
0349T0207	5/30/2013					0							
0349T0250	8/29/2013					0							
0349T0250	5/30/2013					0							
0352T0016	9/3/2013					0							
0353T0574	11/6/2013	Clear	None	Clear	No	.6	7.8	13	0	0	0	.6	.25
0354T0270	9/3/2013					0							
0356T0257	4/10/2013	Clear	None	Clear	No	N/M	7.2	12	0	0	0	.6	.25
0356T0583	9/6/2013					0							
0357T0388	4/1/2013					0							
0357T0420	4/1/2013					0							
0357T0494	9/6/2013					0							
0357T0494	4/10/2013					0							
0357T0517	9/6/2013					0							
0357T0517	4/10/2013					0							
0358T0023	9/6/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
0358T0023	4/1/2013					0							
0358T0044	4/1/2013					0							
0364T0697	7/17/2013					0							
0365T0056	8/28/2013					0							
0365T0507	8/28/2013					0							
0365T0508	8/28/2013	Clear	None	Clear	No	.46	8.1	20	0	0	.3	.2	0
0366T0156	8/16/2013	Clear	None	Clear	No	N/M	7.6	21	0	0	0	.2	0
0366T0207	7/17/2013	Clear	None	Clear	No	.6	8.3	21	0	0	.2	.6	0
0366T0364	7/17/2013					0							
0366T0413	7/17/2013	Clear	None	Clear	No	.1	8.3	21	0	0	.3	0	.25
0368T0189	9/9/2013	Clear	Other	Clear	No	.42	7.1	22	0	0	1.5	.1	.25
0369T0328	9/10/2013	Clear	None	Clear	No	N/M	7.2	22	0	0	0	.1	.5
0370T0026	4/5/2013	Clear	None	Clear	No	.3	7.9	10.8	0	0	0	.2	0
0370T0313	11/6/2013					0							
0370T0524	10/3/2013					0							
0375T0250	10/30/2013					0							
0375T0446	10/30/2013	Clear	None	Clear	No	.3	7. 7	14	0	0	0	.2	.25
0375T0749	10/10/2013					0							
0375T0753	10/10/2013	Clear	None	Clear	No	N/M	7.7	20	0	0	.6	0	
0376T0723	10/30/2013	Clear	None	Clear	No	.6	7.6	15	0	0	0	.4	0
0377T0245	11/5/2013					0							
0377T0246	11/5/2013	Clear	None	Clear	No	.2	8.3	17	0	0	0	.1	0
0377T0314	11/5/2013					0							
0378T0012	9/10/2013	Clear	None	Clear	No	.9	7.8	23	0	0	.4	0	0
0378T0361	11/6/2013					0							
0378T0440	11/6/2013	Clear	None	Clear	No	N/M	8.0	19	0	0	0	.1	0
0378T0446	11/5/2013	Clear	None	Clear	No	.1	7.4	13	0	0	0	.1	0
0378T0476	11/6/2013					0							
0380T0833	9/27/2013					0							
0388T0022	7/26/2013	Clear	None	Clear	No	.2	7.0	22	0	0	0	.4	.25
0388T0381	7/3/2013	Clear	None	Clear	No	.2	8.4	20	0	0	.3	0	0
0389T0061	8/29/2013					0							
0389T0089	7/26/2013					0							

Notes: N/M = Not Measureable

2013 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
0389T0880	7/26/2013					0							
0390T0215	7/26/2013	Clear	None	Clear	No	.2	8.0	20	0	0	.1	0	0
0390T0370	7/26/2013	Clear	None	Clear	No	.7	8.4	20	0	0	0	.4	.25
0390T0561	10/3/2013	Clear	None	Clear	No	.1	7.8	18	0	0	0	.6	0
0391T0309	7/18/2013	Clear	None	Clear	No	.1	8.2	21	0	0	0	.2	0
0391T0700	7/18/2013					0							
0392T0156	7/25/2013	Clear	None	Clear	No	2.54	8	13	0	0	0	.1	0
0392T0570	3/21/2013					0							
0393T0024	7/26/2013					0							
0393T0053	7/26/2013					0							
0394T0235	10/3/2013					0							
0394T0332	8/22/2013					0							
0394T0708	7/25/2013	Clear	None	Clear		N/M	7.8	21	0	0	0	0	0
0394T0914	10/3/2013					0							
0394T0917	10/3/2013					0							
0394T1216	8/8/2013					0							
0396T0035	7/16/2013	Clear	None	Clear	No	.67	8.0	26	0	0	1.0	0	.25
0396T0045	8/8/2013					0							
0396T0236	8/8/2013					0							
0398T0200	7/16/2013					0							
0399T0033	7/16/2013	Clear	None	Clear	No	.5	7.9	23	0	0	0	.4	.25
0399T0093	8/12/2013					0							
0399T0094	8/12/2013	Clear	None	Clear	No	.21	8.3	24	0	0	0	.6	0
0441T0193	8/28/2013	Clear	None	Clear	No	.2	7.8	22	0	0	0	.6	.25
0444T0059	2/25/2013	Clear	None	Clear	No	.65	7.9	5	0	0	0	.4	0
0446T0010	8/16/2013	Clear	None	Clear	No	.26	7.8	22	0	0	0	.4	.25
0447T0543	7/17/2013	Clear	None	Clear	No	.18	8.1	24	0	0	0	0	0
0450T0335	7/18/2013					0							
0451T0059	9/18/2013					0							
0451T0165	11/4/2013	Clear	None	Clear	No	.18	8.0	13	0	0	.2	0	.25
0453T0592	7/17/2013					N/M							
0471T0505	8/29/2013					0							
0471T0531	8/29/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
0472T000A	8/29/2013	Clear	None	Clear	No	.1	7.8	21	0	0	0	.3	.5
0472T0185	7/3/2013					0							
0472T0459	7/3/2013					0							
0472T0541	8/29/2013					0							
0477T0014	8/13/2013	Clear	None	Clear	No	N/M	8.3	19	0	0	0	.2	0
0477T0242	8/20/2013					0							
0477T0386	8/20/2013					0							
0477T0398	9/30/2013					0							
0477T0410	8/22/2013					0							
0477T0440	8/13/2013					0							
0477T1184	8/13/2013	Clear	None	Clear	No	N/M	8.0	19	0	0	0	.2	0
0478T0391	8/19/2013					0							
0478T0882	8/19/2013					0							
0478T0949	8/19/2013					0							
0479T0025	8/19/2013					0							
0479T0153	8/12/2013	Clear	None	Clear	No	.69	7.8	22	0	0	0	.4	0
0481T0098	8/12/2013					0							
0482T0232	8/12/2013					0							
0482T0256	7/16/2013	Clear	None	Clear	No	.7	7.8	22	0	0	0	.2	0
0493T0020	10/30/2013					0							
0493T0022	10/30/2013					0							
0493T0045	10/30/2013					0							
0535T0006	10/29/2013	Clear	None	Clear	No	.12	7.5	16	0	0	0	0	0
0535T0115	8/16/2013	Clear	None	Clear	No	N/M	7.9	21	0	0	.1	.2	.25
0537T0005	9/9/2013	Clear	None	Clear	No	N/M	7.8	23	0	0	0	.1	0
0537T0005	4/16/2013	Clear	None	Clear	No	N/M	7.8	14	0		.1	.4	.25
0537T0159	10/29/2013	Clear	None	Clear	No	N/M	7.1	17	0	0	0	.1	.25
0538T0250	9/9/2013	Clear	None	Clear	No	.1	7.8	21	0	0	0	.1	.25
0538T0278	9/10/2013					0							
0538T0284	9/9/2013	Clear	None	Clear	No	.1	8.2	17	0	0	0	.2	0
0544T0108	8/27/2013					0							
0544T0173	11/29/2013	Clear	None	Clear	No	N/M	8.1	5	0	0	.1	.2	.25
0544T0644	8/27/2013					0							

Notes: N/M = Not Measureable

2013 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
0544T0791	8/27/2013	Clear	None	Clear	No	.1	8.0	22	0	0	0	.4	0
0545T0510	9/6/2013	Clear	None	Clear	No	N/M	7.6	21	0	0	.8	.1	.25
0545T0522	11/29/2013					0							
0545T0631	10/10/2013					0							
0545T0662	10/10/2013	Clear	None	Clear	No	.1	7.6	16	0	0	0	.2	.25
0545T0803	9/6/2013	Clear	None	Clear	No	.1	7.4	18	0	0	0	.2	.25
0545T0920	11/11/2013	Clear	None	Clear	No	.3	7.8	12	0	0	0	.2	.25
0545T0921	11/11/2013					0							
0551T0458	7/26/2013	Clear	None	Clear	No	N/M	7.0	19	0	0	0	.1	0
0561T0196	8/15/2013					0							
0561T0547	8/15/2013	Clear	None	Clear	No	N/M	8.1	18	0	0	0	.1	0
0562T0047	8/26/2013	Clear	None	Clear	No	.2	7.0	20	0	0	0	.1	0
0562T0492	8/26/2013					0							
0568T0583	8/13/2013	Clear	None	Clear	No	N/M	7.9	19	0	0	0	.1	.25
0568T0736	8/8/2013					0							
0568T0795	8/22/2013					0							
0568T0805	8/20/2013					0							
0568T0859	8/8/2013					0							
0569T0167	8/19/2013					0							
0569T0177	8/13/2013					0							
0569T0189	8/19/2013	Clear	None	Clear	No	.12	8.0	18	0	0	0	.6	0
0569T0384	8/19/2013					0							
0569T0753	8/22/2013					0							
0573T0083	8/12/2013					0							
0584T0006	10/10/2013					0							
0586T0072	10/31/2013					0							
0587T0026	10/30/2013					0							
0587T0026	5/13/2013					0							
0589T0045	10/30/2013					0							
0589T0055	10/10/2013					0							
0589T0059	10/30/2013					0							
0589T0064	10/30/2013					0							
0634T0249	9/9/2013	Clear	None	Clear	No	N/M	8.0	23	0	0	0	.1	0

Notes: N = Not Measureable

2013 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
0636T0142	4/3/2013	Clear	None	Clear	No	.5	7.8	10	0	0	0	.2	0
0636T0260	8/28/2013					0							
0636T0684	9/18/2013					0							
0636T0684	4/16/2013					0							
0640T0119	10/28/2013					0							
0640T0466	10/28/2013	Clear	None	Clear	No	N/M	7.6	14	0	0	0	.4	.25
0640T0621	12/27/2013	Clear	None	Clear	No	.29	7.5	8	0	0	0	.4	0
0640T0997	8/27/2013					0							
0641T0090	12/27/2013	Clear	Other	Clear	No	.79	8.1	11	0	0	1.5	0	0
0641T0099	8/27/2013					0							
0642T000A	11/11/2013					0							
0642T0297	6/4/2013	Clear	Other	Clear	No	.5	8.0	16	0	0	1.5	0	.25
0642T0426	9/6/2013					0							
0642T0473	11/29/2013					0							
0642T0685	9/6/2013	Clear	None	Clear	No	.3	8	22	0	0	0	.1	0
0642T0718	11/29/2013					0							
0642T0719	11/11/2013					0							
0646T000A	7/26/2013					0							
0660T0589	8/26/2013					0							
0660T0817	7/3/2013	Clear	None	Clear	No	.18	7.9	21	0	0	0	.8	.25
0660T0820	8/15/2013					0							
0660T0822	7/26/2013	Clear	None	Clear	No	.79	8.4	21	0	0	0	.6	0
0738T0052	10/29/2013	Clear	None	Clear	No	.12	8	18	0	0	0	.1	0
0738T0052	4/8/2013	Clear	None	Clear	No	.1	8.1	12	0	0	0	.3	.25
0738T0230	4/8/2013					0							
0738T0238	4/8/2013					0							
0739T0555	10/29/2013	Clear	None	Clear	No	N/M	8	17	0	0	0	.6	0
0739T0555	4/8/2013					0							
0740T0308	4/2/2013	Clear	None	Clear	No	.1	7.4	6	0	0	0	.4	0
0740T0341	4/2/2013	Clear	None	Clear	No	.12	8.1	8	0	0	.2	0	.25
0740T0355	4/2/2013					0							
0740T0801	4/2/2013					0							
0740T0899	4/2/2013					0							

Notes: N/M = Not Measureable

2013 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
0740T0919	4/2/2013					0							
0740T0935	4/2/2013					0							
0741T0040	3/15/2013					0							
0741T0055	3/15/2013					0							
0741T0154	4/3/2013					0							
0741T0163	8/28/2013					0							
0741T0173	4/3/2013					0							
0741T0181	4/3/2013					0							
0741T0214	4/3/2013					0							
0741T0266	3/15/2013					0							
0741T0305	4/3/2013					0							
0741T0307	4/3/2013					0							
0741T0319	3/15/2013					0							
0741T0320	3/15/2013					0							
0741T0324	3/15/2013	Clear	None	Clear	No	.5	8.3	8	0	0	1.0	0	0
0741T0514	3/15/2013					0							
0741T0578	4/3/2013					0							
0741T0585	4/3/2013					0							
0741T0672	4/3/2013					0							
0741T0685	4/8/2013					0							
0741T0756	4/8/2013					0							
0741T0777	4/2/2013					0							
0741T0840	4/3/2013					0							
0741T0955	4/2/2013					0							
0744T0017	10/28/2013	Clear	None	Clear	No	N/M	7.6	12	0	0	0	.6	.25
0744T0035	9/25/2013					0							
0744T0086	10/28/2013	Clear	None	Clear	No	N/M	7.4	13	0	0	0	.6	.25
0744T0098	12/27/2013	Clear	None	Clear	No	.89	7.4	9	0	0	0	.4	.25
0753T0055	9/10/2013					0							
0753T0161	7/26/2013					0							
0753T0287	7/26/2013	Clear	None	Clear	No	N/M	7.5	20	0	0	0	.1	0
0753T0324	7/26/2013	Clear	None	Clear	No	.1	7.1	19	0	0	0	.1	0
0851T0121	4/9/2013					0							

Notes: N - Not Measureable

2013 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
0851T0277	4/8/2013	Clear	None	Clear	No	N/M	8.0	12	0	0	0	.6	.25
0852T0124	10/28/2013	Clear	None	Clear	No	.13	7.9	15	0	0	.1	.2	0
0852T0124	4/9/2013	Clear	None	Clear	No	.8	7.4	11	0	0	.3	0	.25
0852T0142	12/27/2013	Clear	Other	Clear	No	.23	8.1	8	0	0	1.5	0	0
0852T0142	6/4/2013	Clear	Other	Clear	No	.8	8.1	16	0	0	2.0	0	0
0852T0265	9/9/2013					0							
0852T0265	4/9/2013					0							
0854T0165	3/15/2013					0							
0857T0469	9/25/2013	Clear	None	Clear	No	.3	8.2	21	0	0	0	.2	0
0857T0471	9/25/2013					0							
0857T0478	9/25/2013					0							
0857T1327	9/25/2013					0							
0858T0042	9/5/2013					0							
0858T0257	9/25/2013					0							
0858T0259	9/25/2013					0							
0972T0086	1/18/2013	Clear	None	Clear	No	.2	7.2	3	0	0	0	.4	.25
0973T0902	2/25/2013	Clear	None	Clear	No	.2	7.5	6	0	0	0	.2	.25
0973T0995	1/18/2013					0							
0973T0996	8/16/2013					0							
0973T0996	1/18/2013					0							
0974T0543	8/16/2013					0							
0977T1107	8/13/2013					0							
0978T0357	8/13/2013					0							
0978T0550	8/13/2013	Clear	None	Clear	No	N/M	8.1	21	0	0	0	.4	.25
0978T1281	8/13/2013					0							
0978T1415	8/13/2013					0							
0979T0019	9/25/2013					0							
0979T0686	9/25/2013	Clear	None	Clear	No	.18	8.2	18	0	0	0	.4	0
0979T0748	9/25/2013					0							
1107T0138	7/15/2013					0							
1107T0144	7/15/2013					0							
1107T0310	7/15/2013	Clear	None	Clear	No	.58	7.8	21	0	0	.1	.2	.25
1107T0586	9/5/2013	Clear	None	Clear	No	.3	8.1	21	0	0	0	.6	.25

Notes: N/M = Not Measureable

2013 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
1107T1476	7/15/2013	Clear	None	Clear	No	.2	7.9	24	0	0	.1	.6	.25
1107T1484	7/15/2013					0							
1108T0106	8/13/2013	Clear	None	Clear	No	N/M	8.1	24	0	0	0	.6	.25
1108T0216	9/5/2013	Clear	None	Clear	No	.1	7.9	22	0	0	0	.4	.25
1108T0811	8/13/2013					0							
1109T0016	9/5/2013					0							
1244T0029	7/15/2013					0							
1244T0139	7/15/2013	Clear	None	Clear	No	.3	7.5	20	0	0	.1	.1	.25
1244T0202	7/15/2013					0							
1244T0220	7/15/2013					0							
1244T0237	7/15/2013					0							
1245T0415	7/15/2013					0							
1245T0455	7/15/2013					0							
1245T0539	7/15/2013					0							
167T000B	11/20/2013					0							
AC108	8/6/2013					0							
AC115	11/29/2013					0							
AC14	10/10/2013					0							
AC164	7/19/2013					0							
AC18	10/31/2013					0							
AC19	12/4/2013					0							
AC2	8/13/2013					0							
AC20	12/4/2013					0							
AC21	12/4/2013					0							
AC25	9/24/2013					0							
AC26	9/24/2013					0							
AC28	12/4/2013					0							
AC29	12/4/2013					0							
AC3	10/10/2013					0							
AC36	11/11/2013					0							
AC37	11/11/2013					0							
AC46	8/13/2013					0							
AC48	9/24/2013					0							

Notes: N = Not Measureable

2013 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
AC49	11/5/2013					0							
AC5	11/11/2013					0							
AC50	10/31/2013					0							
AC51	11/5/2013					0							
AC52	9/24/2013					0							
AC53	9/24/2013					0							
AC55	12/4/2013					0							
AC56	12/4/2013					0							
AC57	12/4/2013					0							
AC58	12/4/2013					0							
AC59	12/4/2013					0							
AC60	12/4/2013					0							
AC61	7/19/2013					0							
AC63	8/13/2013					0							
AC64	8/13/2013					0							
AC68	9/24/2013					0							
AC69	9/24/2013					0							
AC70	11/5/2013					0							
AC75	12/4/2013					0							
AC76	12/4/2013					0							
AC94	8/6/2013					0							
AC95	8/6/2013					0							
AC96	8/6/2013					0							
AC97	9/10/2013					0							
AC99	11/11/2013					0							
BD10	9/6/2013					0							
BD11	8/29/2013					0							
BD11	6/4/2013	Clear	None	Clear	No	.2	7.6	20	0	0	0	.01	.25
BD12	9/6/2013					0							
BD14	8/29/2013					0							
BD15	8/29/2013					0							
BD17	4/1/2013					0							
BD18	4/1/2013					0							

Notes: N/M = Not Measureable

2013 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
BD19	4/10/2013					0							
BD21	9/6/2013					0							
BD27	4/1/2013					0							
BD28	4/10/2013					0							
BD29	4/10/2013					0							
BD3	9/6/2013					0							
BD3	4/1/2013					0							
BD30	4/10/2013					0							
BD31	4/10/2013					0							
BD32	4/10/2013					0							
BD37	9/6/2013					0							
BD38	4/10/2013					0							
BD5	9/6/2013					0							
BW1	9/4/2013					0							
BW100	8/15/2013					0							
BW101	7/19/2013					0							
BW102	7/18/2013					0							
BW103	7/30/2013	Clear	None	Clear	No	N/M	8.0	19	0	0	0	.2	0
BW104	7/19/2013					0							
BW105	7/19/2013					0							
BW106	7/19/2013					0							
BW111	7/18/2013					0							
BW112	7/18/2013					0							
BW113	7/18/2013					0							
BW114	7/19/2013					0							
BW115	7/19/2013					0							
BW116	7/19/2013					0							
BW116	3/21/2013					0							
BW120	7/25/2013					0							
BW126	9/27/2013					0							
BW127	9/27/2013					0							
BW128	9/27/2013					0							
BW132	10/9/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
BW132	3/21/2013					0							
BW133	11/13/2013					0							
BW14	7/25/2013					0							
BW144	8/29/2013					0							
BW145	8/29/2013					0							
BW146	8/29/2013					0							
BW147	8/29/2013					0							
BW148	9/26/2013	Clear	None	Clear	No	.1	7.5	22	0	0	0	.1	0
BW149	9/26/2013					0							
BW15	7/25/2013					0							
BW150	11/11/2013					0							
BW151	7/1/2013					0							
BW152	7/1/2013					0							
BW153	9/3/2013					0							
BW154	9/25/2013	Clear	None	Clear	No	.2	7.9	16	0	0	0	.2	.25
BW155	9/25/2013					0							
BW160	10/15/2013					0							
BW162	4/15/2013					0							
BW168	10/15/2013					0							
BW169	10/15/2013					0							
BW17	8/8/2013					0							
BW172	8/27/2013					0							
BW174	8/27/2013					0							
BW175	8/27/2013					0							
BW179	10/15/2013					0							
BW18	10/2/2013					0							
BW19	10/2/2013					0							
BW191	8/27/2013					0							
BW192	8/27/2013					0							
BW193	8/27/2013					0							
BW194	8/26/2013					0							
BW195	8/26/2013					0							
BW198	8/20/2013					0							

Notes: N/M = Not Measureable

2013 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
BW199	7/30/2013					0							
BW200	7/30/2013	Clear	None	Clear	No	.2	7.6	19	0	0	.1	.1	0
BW205	8/21/2013					0							
BW208	10/2/2013					0							
BW209	10/2/2013					0							
BW213	8/26/2013					0							
BW22	8/21/2013					0							
BW225	7/26/2013					0							
BW226	7/26/2013					0							
BW227	7/26/2013					0							
BW23	8/21/2013					0							
BW231	7/26/2013	Clear	None	Clear	No	.1	7.8	19	0	0	0	.6	.25
BW232	8/27/2013	Clear	None	Clear	No	.2	7.2	20	0	0	0	.1	.25
BW233	8/6/2013					0							
BW234	10/30/2013					0							
BW239	8/13/2013	Clear	None	Clear	No	.1	8.2	17	0	0	0	.1	0
BW24	8/21/2013					0							
BW240	8/13/2013	Clear	None	Clear	No	.1	8.2	18	0	0	0	.1	0
BW241	8/13/2013					0							
BW242	10/30/2013					0							
BW243	11/4/2013					0							
BW244	4/15/2013					0							
BW245	4/15/2013					0							
BW247	11/15/2013	Clear	None	Clear	No	N/M	7.8	14	0	0	.4	.1	.25
BW248	11/15/2013	Clear	None	Clear	No	.1	7.5	14	0	0	0	.2	.25
BW249	11/15/2013					0							
BW25	11/29/2013					0							
BW250	11/13/2013					0							
BW251	8/13/2013					0							
BW254	10/9/2013	Clear	None	Clear	No	N/M	7.8	19	0	0	0	.1	0
BW254	6/21/2013					0							
BW258	8/29/2013					0							
BW259	9/10/2013					0							

Notes: N = Not Measureable

2013 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
BW26	11/29/2013					0							
BW265	10/3/2013					0							
BW266	10/3/2013					0							
BW267	8/21/2013					0							
BW269	7/26/2013	Clear	None	Clear	No	.1	8.1	23	0	0	0	.1	0
BW27	11/29/2013					0							
BW288	9/27/2013					0							
BW297	6/5/2013					0							
BW3	8/29/2013	Clear	None	Clear	No	.1	7.4	19	0	0	0	.2	.25
BW314	6/4/2013					0							
BW33	8/21/2013					0							
BW331	7/1/2013					0							
BW333	8/6/2013					0							
BW34	8/21/2013					0							
BW35	8/6/2013					0							
BW368	8/29/2013					0							
BW37	7/25/2013					0							
BW38	7/25/2013					0							
BW4	8/6/2013					0							
BW43	11/5/2013					0							
BW68	8/22/2013					0							
BW70	8/26/2013	Clear	None	Clear	No	.1	8.0	23	0	0	0	.1	0
BW71	7/18/2013					0							
BW72	7/18/2013					0							
BW73	7/18/2013	Clear	None	Clear	No	.4	8.0	20	0	0	1.0	.1	0
BW74	8/29/2013					0							
BW75	7/25/2013					0							
BW77	9/4/2013					0							
BW78	8/29/2013					0							
BW79	8/26/2013					0							
BW80	8/26/2013					0							
BW81	8/26/2013					0							
BW82	8/26/2013					0							

Notes: N/M = Not Measureable

2013 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
BW83	8/26/2013					0							
BW87	8/15/2013					0							
BW9/20	10/30/2013					0							
BW92	7/30/2013					0							
BW97	7/18/2013					0							
BW98	7/1/2013					0							
BW99	7/19/2013					0							
OL103	12/27/2013	Clear	None	Clear	No	.4	8.2	9	0	0	0	.6	.25
OL106	9/9/2013					0							
OL106	4/9/2013					0							
OL108	9/16/2013					0							
OL113	4/2/2013					0							
OL136	4/2/2013					0							
OL137	1/18/2013					0							
OL14	11/4/2013					0							
OL146	3/15/2013					0							
OL15	7/18/2013					0							
OL158	4/8/2013					0							
OL159	4/8/2013					0							
OL16	7/18/2013					0							
OL17	7/18/2013					0							
OL171	4/2/2013					0							
OL172	4/2/2013					0							
OL176	4/22/2013					0							
OL179	5/15/2013					0							
OL18	7/18/2013					0							
OL180	5/15/2013					0							
OL189	5/15/2013					0							
OL19	7/18/2013					0							
OL21	7/18/2013					0							
OL25	12/2/2013					0							
OL27	11/4/2013					0							
OL28	9/17/2013					0							

Notes: N = Not Measureable

2013 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
OL3	11/4/2013					0							
OL31	10/9/2013					0							
OL34	10/9/2013					0							
OL44	9/18/2013					0							
OL46	8/28/2013					0							
OL47	11/4/2013					0							
OL47	3/15/2013					0							
OL48	7/18/2013					0							
OL5	11/4/2013					0							
OL50	7/18/2013					0							
OL51	11/4/2013					0							
OL53	7/18/2013					0							
OL58	9/18/2013					0							
OL60	9/18/2013					0							
OL61	9/18/2013					0							
OL62	9/18/2013					0							
OL72	10/9/2013					0							
OL73	10/9/2013					0							
OL75	5/15/2013					0							
OL76	12/2/2013					0							
OL78	4/22/2013	Clear	None	Clear	No	1.17	7.2	15	0	0	0	.6	0
OL8	11/4/2013					0							
OL80	7/18/2013					0							
OL81	12/2/2013	Clear	None	Clear	No	.7	7.6	4	0	0	0	.6	.25
OL84	10/15/2013					0							
OL85	12/27/2013	Clear	None	Clear	No	.3	8.1	9	0	0	.1	0	.25
OL86	9/24/2013					0							
OL88	7/17/2013	Clear	None	Clear	No	N/M	7.8	20	0	0	0	.2	0
OL9	11/4/2013					0							
OL93	12/3/2013					0							
OL94	10/3/2013					0							
OL95	10/3/2013					0							
SC103	10/31/2013					0							

Notes: N/M = Not Measureable

2013 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
SC105	8/16/2013					0							
SC13	9/27/2013					0							
SC134	10/2/2013					0							
SC136	10/2/2013					0							
SC14	9/27/2013					0							
SC147	3/21/2013					0							
SC148	3/21/2013					0							
SC164	8/16/2013					0							
SC165	8/16/2013					0							
SC166	10/2/2013					0							
SC169	9/3/2013					0							
SC173	9/27/2013					0							
SC173	5/13/2013					0							
SC180	4/8/2013					0							
SC194	10/31/2013					0							
SC201	10/29/2013					0							
SC201	2/25/2013					0							
SC202	10/29/2013					0							
SC202	2/25/2013	Clear	None	Clear	No	3.65	7.4	5	0	0	0	.1	.25
SC203	10/29/2013					0							
SC203	2/25/2013					0							
SC206	10/29/2013					0							
SC206	6/5/2013					0							
SC207	11/6/2013					0							
SC207	6/5/2013					0							
SC208	11/15/2013					0							
SC208	4/3/2013					0							
SC209	11/15/2013					0							
SC209	4/3/2013					0							
SC210	11/15/2013					0							
SC210	4/3/2013					0							
SC213	11/15/2013					0							
SC213	6/4/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
SC215	9/26/2013					0							
SC216	9/26/2013					0							
SC228	9/18/2013					0							
SC23	8/16/2013					0							
SC236	9/4/2013					0							
SC236	4/4/2013					0							
SC238	7/30/2013	Clear	None	Clear	No	N/M	8.3	22	0	0	0	.2	0
SC238	5/24/2013	Clear	None	Clear	No	N/M	7.8	14	0	0	0	.4	.25
SC241	3/15/2013					0							
SC242	5/14/2013					0							
SC243	9/17/2013					0							
SC247	3/21/2013					0							
SC248	7/15/2013					0							
SC248	5/20/2013					0							
SC249	5/13/2013					0							
SC251	10/31/2013					0							
SC254	4/16/2013					0							
SC255	9/27/2013					0							
SC255	5/13/2013	Clear	None	Clear	No	N/M	8.2	10	0	0	0	.1	0
SC260	4/3/2013					0							
SC261	4/3/2013					0							
SC262	4/3/2013					0							
SC263	4/3/2013					0							
SC264	4/3/2013					0							
SC265	5/13/2013					0							
SC266	5/13/2013					0							
SC267	4/3/2013					0							
SC268	2/25/2013					0							
SC269	6/5/2013					0							
SC270	4/3/2013					0							
SC271	4/3/2013					0							
SC272	4/3/2013					0							
SC273	4/3/2013					0							

Notes: N/M = Not Measureable

2013 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
SC277	4/3/2013					0							
SC286	4/3/2013					0							
SC287	4/3/2013					0							
SC292	11/25/2013					0							
SC292	6/5/2013					0							
SC293	6/4/2013					0							
SC294	2/25/2013					0							
SC295	12/3/2013					0							
SC295	5/2/2013					0							
SC296	3/15/2013					0							
SC300	2/25/2013					0							
SC303	4/3/2013					0							
SC304	4/3/2013					0							
SC306	4/3/2013					0							
SC307	5/21/2013					0							
SC312	4/15/2013	Clear	None	Clear	No	.1	7.9	12	0	0	0	.1	.25
SC32	10/31/2013					0							
SC33	10/31/2013					0							
SC338	5/15/2013	Clear	None	Clear	No	.1	7.9	17	0	0	4	7	.75
SC339	5/31/2013					0							
SC34	10/31/2013					0							
SC340	4/3/2013					0							
SC344	10/1/2013					0							
SC345	6/5/2013					0							
SC346	6/5/2013					0							
SC347	5/21/2013					0							
SC349	4/24/2013					0							
SC357	5/13/2013					0							
SC359	5/13/2013					0							
SC377	5/14/2013					0							
SC378	5/22/2013					0							
SC4	9/3/2013					0							
SC46	8/16/2013					0							

Notes: N[illegible] = Not Measureable

2013 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
SC50	10/9/2013					0							
SC74	8/12/2013					0							
SC89	11/25/2013					0							
SC9	9/17/2013					0							
SC91	9/17/2013					0							
SC93	8/12/2013					0							
SC99	8/16/2013					0							
WC1	7/16/2013					0							
WC12	8/12/2013					0							
WC13	8/12/2013					0							
WC14	7/16/2013					0							
WC15	8/12/2013					0							
WC16	8/12/2013					0							
WC17	8/12/2013					0							
WC18	8/12/2013					0							
WC19	8/12/2013					0							
WC2	7/16/2013					0							
WC20	8/12/2013					0							
WC21	8/12/2013					0							
WC22	8/12/2013					0							
WC23	7/16/2013					0							
WC5	7/16/2013					0							
WC6	7/16/2013					0							
WC7	7/16/2013					0							
WC8	7/16/2013					0							

Notes: N/M = Not Measureable

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
1/9/2013	Unknown	Light sheen on stream just north of James Road, coming from outfall 0136T0239. Melting snow in parking lots draining into inlets.	Distributed educational material to businesses in the area.
1/25/2013	Ardent Communities-Ashbrook Run 5222 Flower Valley Drive, Canal Winchester, OH 43110	Unknown. Likely spill or dumping in the apartment complex, we found oil holding in a manhole, floating on two feet of water.	Used absorbent material to attempt clean-up. Apartment Manager hired outside contractor to vacuum oils. Checked on 1/31, completed.
2/4/2013	City of Columbus, Sewage and Drainage 1250 Fairwood Avenue, Columbus, OH 43206	Leaking sanitary sewer. Sewage coming out of a 6" weep hole near an abandoned manhole.	Did not enter MS4. Turned photos and a map with description over to City Sewer Maintenance, who fixed the sanitary sewer.
2/8/2013	Pilot 3600 Interchange Road, Columbus, OH 43204	Best Management Practices not being maintained on Pilot's storm lines causing fuel to get into MS4.	E.M.S. Environmental performed cleanup of inlets, storm lines and Dry Run. Ohio EPA handling enforcement.
2/11/2013	Unknown	Dead wildlife found in retention pond following a report of foul odors. Pond had a cloudy look, foul smell and dissolved oxygen of 5ppm.	We determined the kill was a natural cause from low oxygen related to ice cover and likely groundwater infiltration. This was determined after consulting with ODNR Wildlife's Brad Kiger.
2/14/2013	Rally's Store #4039 1454 Parsons Avenue, Columbus, OH 43207	Washing of drive thru lanes with soapy water, no containment of the wash water.	Explained City Code 1145.75 and the outdoor cleaning policy to the manager. No cleanup because storm sewer goes to a combined sewer. NOV-RAP 4/15/13
2/19/2013	Cox Interior 2220 City Gate Drive, Columbus, OH 43219	Semi truck belonging to Cox Interiors was leaking motor oil and was towed to the parking lot.	Gave company City Code 1145.75 and explained. Storm outfall was boomed for several days and clean-up was completed near the leaking truck.
2/22/2013	Evans Landscape 3700 Round Bottom Rd, Cincinnati, OH 45244	Hydraulic line broke from bulldozer that was doing work in the Olentangy River, causing oil to get into the river.	Ohio EPA had already ordered cleanup of river. Discharge did not enter MS4.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
3/4/2013	Superior Beverage Group 871 Michigan Avenue, Columbus, OH 43215	Private line was replaced with a new line. Rescue Rooter tried to clean old line when they discovered that it was collapsed.	No discharge noted into MS4 or waterway.
3/8/2013	Unknown	Report of heavy fumes in the Overbrook Ravine on March 6. Smelled an odor on March 7 and 8.	Searched the stream from Cooke Road to Whetstone Park. Nothing detectable in the stream.
3/15/2013	Unknown	Vehicle accident resulted in loss of 100 gallons of diesel fuel onto West Broad Street.	No discharge to the MS4.
3/19/2013	Resident 3801 Alum Creek Drive, Columbus, OH 43207	Complaints crew went out on a call out of sewage backed up in the basement at 3801 Alum Creek Drive.	Discharge lines from 3801 Alum Creek were disconnected during the Alum Creek widening project, causing the back-up. No illicit discharge to MS4.
3/20/2013	Riverside Hospital / Ohio Health 3535 Olentangy River Road, Columbus, OH 43214	Complaint about location of large snow piles along North Broadway. Piles were on an inclined area above a MS4 open channel.	Pile was 50-75 feet from the channel and no evidence of sediment entering the stream. The parking manager agreed to put a silt fence around the pile. Completed 03/22/13.
3/29/2013	Unknown	Citizen called the Ohio EPA on 3/28/13 stating that there was a fluorescent green color in the stream, north of 1550 Wilson Road.	We did not see anything in the stream. Stream comes from Franklin Township.
4/5/2013	Resident 2895 South High Street, Columbus, OH 43207	High ammonia reading at structure 0068T0586 during dry weather sampling. Camera crew found a blind tap at 2895 South High Street.	Columbus Health Department was notified of our results. Health Department on 04/08/2013, informed us they performed dye test at the residence. They ordered resident to fix septic system.
4/5/2013	Unknown	Report of motor oil in Olentangy River.	We were unable to find the source of the motor oil. Placed a boom at the outfall. By 2:40 P.M. no further oil sheen was seen coming from the outfall.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
4/9/2013	Gregory Winget 1019 Whitethorne Avenue, Columbus, OH 43223	Plumbing issues in the house caused crawl space to fill up with sewage. A washer upstairs discharges to side yard.	No direct or immediate threat to storm sewer. Called Columbus Health Department and advised them of situation.
4/22/2013	Julian Foods 3277 West Broad Street, Columbus, OH 43204	Someone dumped motor oil at the entrance to the store. Employee put down cat litter to soak up the oil then he power washed it into the curb.	Owner received a copy of City Code 1145.75 and we explained its content and the correct way to clean-up a spill. Contacted the City's street sweeper to finish the job. NOV-RAP 5/23/2013
4/30/2013	Vander Autos 681 North James Road, Columbus, OH 43219	Employees at this detailing shop were washing cars outside their building and allowing soapy water to enter our MS4.	We explained City Code 1145.75 and gave the owner a copy of the same. We explained how to install inlet protection. NOV-RAP 6/11/2013
4/30/2013	Platinum Auto Detailing 737 North James Road, Columbus, OH 43219	Employees at Platinum Auto were washing vehicles without using inlet protection, soapy water entered MS4.	We explained City Code 1145.75 and gave the owner a copy of same. We explained how to properly install and use inlet protection. NOV-RAP 6/5/2013
4/30/2013	CSS Vehicle Care Center 673 North James Road, Columbus, OH 43219	Employees at CSS Vehicle Care Center were washing vehicles without the use of inlet protection. Soapy water entered storm sewer.	We explained City Code 1145.75 and gave the owner a copy of same. We explained how to properly install and use inlet protection. NOV-RAP 5/7/2013
5/1/2013	Rally's 3260 E. Broad Street, Columbus, OH 43209	Employee washing drive thru lane, with no inlet protection	Ordered them to stop washing and clean up the wastewater in the area, distributed City Code 1145.75. NOV-RAP 6/26/13
5/2/2013	Unknown 250 Civic Center Drive, Columbus, OH 43215	Citizen saw staining on an inlet behind the building. Nobody working onsite admitted the violation. Did not enter MS4.	A contractor onsite directed employees to clean the area, this was done. Explained and distributed City Code 1145.75 and educational materials.
5/13/2013	Unknown 3224 Timberstone Drive, Columbus, OH 4310	Dog waste was dumped around and in grated inlet behind fence at 3224 Timberstone.	Cleaned inlet and area around inlet with shovel and properly disposed of waste. Passed out City Code 1145.75 and We All Live Downstream.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
5/15/2013	Unknown	Outfall 0074T0287 tested high for ammonia and for chlorine. Dark deposits on the bottom of pipe and in the outfall pool.	Traced upstream into Franklin Township off of Louvane Drive and Daraque Circle. Called Nathan Ralph of Franklin County Health Department and notified him of our findings.
5/17/2013	McDonald's Restaurant 6350 Tussing Road, Columbus, OH 43068	Washing of restaurant sidewalk and entrance areas. No inlet protection allowed wastewater to enter a catch basin.	Blocked inlet and had employees clean up remaining wastewater. Explained City Code 1145.75 and distributed educational materials. NOV-RAP 7/19/13
5/22/2013	Parsons Auto Parts 2250 Parsons Avenue, Columbus, OH 43207	Multiple housekeeping issues at this yard. A large amount of oil and fluids are on the ground inside the fenced in area along the west fence.	Section will do Industrial Inspection. OEPA of findings.
5/22/2013	Unknown	Resident reported green discharge into stream behind his house at 1227 Southport Drive.	Found small amount of dye in outfall , suspected dye test upstream from outfall was not traceable.
5/23/2013	Unknown	City inspectors noticed sudsy discharge into newly built storm sewer.	We observed no discharge at time of visit. Handed out educational materials in the area.
5/28/2013	Unknown	City had a callout on 05/24/13 of oily substance coming out of outfall behind 4544 Wingfield Street. They found traces of oil that day.	Stormwater investigated and found nothing. Passed out public information in the neighborhood.
5/29/2013	Resident 3224 Timberstone Drive, Canal Winchester, OH 43110	Home owner at 3224 Timberstone Drive was putting dog waste down the storm sewer. This was captured on video by neighbors.	Turned case over to Franklin County Sheriff's Office. Sewer Maintenance cleaned sewer on 05/31/2013. Homeowner was convicted in Environmental Court.
6/24/2013	Resident 220 Beechwold Drive, Columbus, OH 43224	Home owner suspects sewage discharge from neighbor's sump line.	No evidence found at scene. Gave home owner direct number to contact us at time of next occurrence.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
6/25/2013	Resident 1330 Linwood Avenue, Columbus, OH 43206	It was reported that a citizen was dumping automobile fluids into the sewers.	Nothing found in the sewer system. Home owner was not home. Education materials were distributed in the area.
6/25/2013	Med-Ride 643 N James Road, Columbus, OH 43219	Washing vehicles outside with no inlet protection.	Ordered washing to stop and block inlet. Employees vacuumed up remaining water. Explained City Code 1145.86 and distributed handouts. NOV-RAP 7/31/13
6/25/2013	Make It Shine Auto Detailing 647 N. James Road, Columbus, OH 43129	Outside car washing with no inlet protection.	Ordered employees to stop washing and clean area. Explained City Code1145.86 and distributed handouts. NOV-RAP 7/30/13
6/26/2013	Dreier and Maller 6580 Taylor Road SW, Reynoldsburg, OH 43068	Company was cleaning storm lines in area. Their BMP measures of filtering sediment out of wash water was working, until filter removal caused a slug of mud to enter the MS4.	Drier and Maller is going to plug lines when cleaning, vacuum water and decant. Then Dreir and Maller will properly dispose of the sediment. NOV-RAP 7/25/13
7/3/2013	Resident 483 Schreyer Place, Columbus, OH 43214	Witness reported discharge of swimming pool water with possible washout of pool filter in the curb.	Witness said this happened several weeks ago. We saw no evidence of a discharge, we left literature for proper pool water discharge.
7/3/2013	Taqueria Dos Rositas 192 Midcliff Drive, Columbus, OH 43213	Stained inlet in front of Calvary Chapel Church. Taqueria Dos Rositas admitted nightly dumping of wash water into inlet.	Taqueria Dos Rositas had inlet cleaned. We explained and distributed City Code 1145.86. NOV-RAP 7/30/13
7/5/2013	Ocedon Restaurant Group LLC 200 Hoff Road Suite F, Westerville, OH 43082	Poor housekeeping and dumping of mop water out the back door.	Directed management to clean the outside dumpster area, the private inlet, and the MS4. All areas clean as of 7/17/13. Distributed educational materials. NOV-RAP 8/14/13
7/9/2013	Five Star Mobile Detailing 2702 Regaldo Drive, Columbus, OH 43219	Power washing vehicle, water and soap running into inlet. No inlet protection in place.	Ordered to stop washing, vacuum up remaining water and soap. Explained City Code 1145.86 and proper disposal methods. NOV-RAP 8/1/13

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
7/11/2013	City Barbeque Restaurant 5979 E. Main Street, Columbus, OH 43213	Poor housekeeping practices. Grease on the pavement near outside grease container and outside smoker. No entry into storm sewer.	Spoke to Manager and requested cleanup. Clean-up completed on follow-up visit 7/15/13.
7/17/2013	Unknown	Algal bloom in water pooled below outfall. Residents complained about a sewage or natural gas smell.	No sewage detected. A beaver dam is blocking the channel and causing the high water. Action Pest Control trapped the beaver and removed the dam.
7/18/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	High chlorine in open channel at 6197 McNaughten Grove Road.	City water line leak. No above-ground source detected. Turned over to Division of Water for repair.
7/25/2013	Kelsey Zeto 5122 Wolf Run Drive, Columbus, OH 43230	Mr. Zeto was cutting concrete in driveway and the slurry entered the MS4. Mr. Zeto admitted responsibility.	We explained City Code 1145.86 to Mr. Zeto and gave him a copy. Mr. Zeto cleaned the curb line. NOV-RAP 8/13/13
8/5/2013	Lykens Company 1020 Dennison Avenue, Columbus, OH 43201	Employees dumped water from dumpster into the curb gutter.	Instructed employees to stop. Distributed City Code 1145.86. NOV-RAP 9/13/13
8/5/2013	McDonald's # 10512 1589 W. Broad Street, Columbus, OH 43222	Power washing back entrance area of store. Water running into catch basin, no inlet protection in place.	Requested washing stop. Distributed and explained City Code 1145.86. NOV-RAP 9/18/13
8/13/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	High chlorine sampled at Arrowsmith Drive and Creighton Place. Traced to a catch basin with chlorinated water entering at 6915 Candlish Drive.	Turned finding into Division of Water for repair.
8/15/2013	Raisin' Cane's Restaurant 68511 East Broad Street, Columbus, OH 43215	Poor housekeeping in the dumpster area caused grease to enter into the storm lines.	Explained City Code 1145.86 and the violation to onsite supervisor, distributed educational material and ordered professional clean-up. Clean-up completed on 08/13/2013. NOV-RAP 11/6/13

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
8/20/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	City received a call on 08/19/2013 that stream at Griggsview Court looked like coffee. We traced it to a water leak between 3283 Caringorm Drive and 3268 Dunlavin Glen.	Turned findings over to City of Columbus Water Department.
8/21/2013	Unknown 3853 Bay Village Street, Columbus, OH 43026	Unknown party dumped used cooking oil into catch basin.	Spoke to residents and distributed educational material. Cleaned up oil in catch basin.
8/22/2013	Norfork Southern Railway	Train derailed at Parsons and Hosack.	No product escaped the tankers. No spill into the MS4.
8/29/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	Large water leak noticed in Adena Brook below the corner of Overbrook and Indianola. Traced upstream to a catch basin at 4352 Indianola Avenue where water was entering from the east.	Turned in to City of Columbus Water Department for repair.
9/4/2013	Mark A. Menges 484 Parkview Place, Suite 210, Powell Ohio 43065	173 North 20th Street lateral service line has a break causing migration of sewage into the neighboring property's sump pump. Sewage was then pumped onto the street.	Turned case over to City of Columbus Health Department, who ordered an Emergency Notice of Violation with an order to correct. All problems have been corrected as of 9-9-13.
9/4/2013	Amelea Restaurant 1948 North High Street, Columbus, OH 43119	Sewage backed up in to the basement. Owner was pumping wastewater to a private inlet that enters into combined sewer.	City stopped the pumping and informed owner permission must be requested to pump wastewater into a combined sewer. Distributed City Code 1145.86. NOV-RAP 9/19/13
9/5/2013	Unknown	Road construction crew doing saw cutting to install traffic sensors along East Main Street in Whitehall. Cooling waters and dust mixed to make a slurry that entered MS4.	This activity occurred in Whitehall. We notified Ray Ogden who works for Whitehall Code Enforcement.
9/9/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	Outfall tested high for chlorine. Tracked to three separate water leaks at 1540 Bethel Road, 5357 Portland Street and 1735 Bethel Road.	Notified City of Columbus Water Department of the water leaks.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
9/12/2013	Bicentennial Park 233 Civic Center Drive, Columbus, OH 43215	Citizen reported discharge into Scioto River. Discharge appeared pink and had a sheen after a strong rain event.	The appearance was due to Combined Sewer Overflows on both 09/11 and 09/12. Samples taken on 9/12, confirmed no volatiles and low oil/grease concentration in the discharge.
9/13/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	Water main break caused gravel fines to be discharged into the MS4, resulting in a cloudy white discharge into Big Run.	Notified Ohio EPA and the Division of Water. Placed a filter fabric over the inlet to filter out some of the fines. Division of Water fixed the leak on 09/17 and again on 09/20.
9/16/2013	Scioto Ready Mix 1500 Williams Road, Columbus, OH 43207	Multiple housekeeping issues from truck washout area draining to the storm allowing concrete to enter MS4. OEPA notified.	Installing holding tank on storm line, to be pumped out on a monthly basis. Scioto Ready Mix cleaned the MS4. NOV-RAP 12/18/13
9/19/2013	Columbus Division of Water 910 Dublin Road, Columbus, OH 43215	Citizen reported chlorinated water entering into the Olentangy River.	Traced source to marked water main break along Olentangy River Road. Division of Water said on October 1st the main was fixed and we verified that that the water leak had stopped.
9/23/2013	Kokosing Concrete Company 886 McKinley Avenue, Columbus, OH 43222	Kokosing subcontracted concrete job to Americut Concrete Sawing, the slurry produced from this activity entered the MS4. No inlet protection was in place.	We explained City Code to Kokosing and they received a copy of same. Instructed them to clean the curb and catch basin. Follow-up on 9/24/13, the area was cleaned and protection in place. NOV-RAP 10/17/13
9/23/2013	Prestige Eurocars 1070 W. 3rd Avenue, Columbus, OH 43212	Employee washing cars, water was running into curb and storm inlet.	Ordered them to stop washing, and clean-up area. Explained and distributed City Code 1145.86. NOV-RAP 10/15/13
9/23/2013	Americut Coring & Sawing 365 Helen Drive Vermillion OH 44089	Employee of Americut was cutting concrete. The slurry produced from this activity entered the MS4. Inlet protection was not in use.	We explained City Code to Americut and gave them a copy. Americut was instructed to clean the slurry from the MS4. Followed-up on 9/24/13 and found the area cleaned. NOV-RAP 11/6/13
9/27/2013	TNT Powerwashing Inc. 3220 Toy Road, Groveport, OH 43125	Power washing vehicles with no inlet protection in place. . Soap did not reach the outfall.	Explained and distributed City Code 1145.86 and ordered clean up. Employees complied and installed drain covers they had on their truck. NOV-RAP 12/4/13-City assessed $750.00 fine.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
10/1/2013	Central Ready Mix 569 North Wilson Road, Columbus, OH 43204	Poor housekeeping and crushed concrete piles placed close to entrance. Concrete dust from tracking entering MS4.	Directed Central Ready Mix to sweep street, apron and curb from Wilson Road to Valleyview Drive. They complied. Explained and distributed City Code 1145.86. NOV-RAP 12/9/13
10/3/2013	Unknown	Citizen reported seeing a man on the Cooke Road Bridge dumping chemicals into the water.	Investigation found no evidence of dumping. Franklin County Sherriff also investigated and found nothing.
10/16/2013	Collins Baubeng 5359 Ivywood Lane, Columbus, OH 43229	Resident admitted to dumping dish water and soap into storm inlet.	Distributed & explained City Code 1145.86 and handouts. Requested Voluntary Compliance.
10/31/2013	AT&T 120 Moler Road, Columbus, OH 43207	AT&T thought the water in the vault was contaminated with sewage.	Ran a dry weather screening test on the water in the vault. Results came back clean.
10/31/2013	Cecilia Obiunwu 2681 Wallcrest Boulevard, Columbus, OH 43231	Washing machine discharging wash water into sump pump. Dye test on11/01/2013 confirmed discharge point to the street.	Gave citizen a copy of City Code. Told owner to disconnect washing machine. Requested Voluntary Compliance and confirmed that washing machine was connected to sanitary on 11/13/13.
11/6/2013	Resident 5566 Chesterview Drive, Columbus, OH 43119	Citizen reported homeowner was dumping paint into a storm inlet.	Called Franklin County Sherriff's Office and told them of our findings. Case was turned over to the Prosecuting Attorney's Office.
11/6/2013	Ebony Clark, Owner 308 Clarendon Avenue, Columbus, OH 43204	Vehicle received oil change but oil pan drain nut was not properly installed upon completion. The oil in the engine ran out onto the street where the vehicle was parked.	City Health Department visited on 11/06. We found that absorbent material had been placed on the oil stain and the car had been fixed on 11/07. Oil did not reach the catch basin.
11/7/2013	Unknown	Accident on I-70 at Alum Creek. City Sewer Maintenance and Ohio EPA responded. Fuel entered the MS4.	Ohio EPA handled containment and clean-up.

2013 Illicit Discharge

Investigation Summary

Date Reported	Name / Company Address	Cause	Resolution
11/12/2013	Resident 1418 Westphal Avenue, Columbus, OH 43227	Washing machine draining to the sump pump that discharges to the street. Property owner said machine was hooked to sump.	Requested owner to disconnect washing machine and hook it to the sanitary sewer. Follow-up on 12/10/13 confirmed problem has been corrected.
11/20/2013	Ohio Concrete Sawing and Drilling, Inc. 2935 E. 14th Avenue, Columbus, OH 43219	Saw cutting to excavate street for gas line repair, no protection on nearby inlet.	Company admitted the violation. Employees performed cleanup of the inlet. We distributed City Code 1145.86 and We All Live Downstream handout. NOV-RAP 12/11/13
11/22/2013	Resident 3801 Alum Creek Drive, Columbus, OH 43207	Failing septic system tied-in to old storm sewer. Road construction removed the old sewer and did not reconnect the house lateral, causing raw sewage to flow onto the ground near the home.	Columbus Health Department gave home owner orders to fix the failing septic system before system can be connected to the new storm sewer.
11/26/2013	One Way of Ohio Carpet Cleaning 2826 Banwick Road Columbus, OH 43232	Employees of One Way Carpet Cleaning Service were observed dumping waste water into a catch basin. This waste water was dumped from the company's vehicle.	Did not enter City's MS4. Turned the case over to the Franklin County Environmental Crimes Unit.
11/26/2013	Tracy Mobley 1503 Manchester Avenue, Columbus, OH 43211	Private sanitary sewer blocked. Sewage backed up in the basement. Home owner was pumping sewage into the curb line.	Advised home owner of the violation and ordered her not to pump to the curb. CPR Drain Cleaning on 12/3/13 corrected issue. NOV-RAP 1/2/14
12/4/2013	Performance Paving 1040 Brentnell Avenue, Columbus, OH 43219	Anonymous caller reported runoff of oils from dump trucks parked in the parking lot.	No oil sheen visible, no private or public inlets in business parking lot. MS4 was clean and owner denied any such discharge had occurred.

SERVICE REQUEST REPORT

22 JAN 2014
08:42 AM

Service Request No.
1302752

1302752

Created Date: 02/21/2013 04:54 PM

WORK LOCATION

Address:679 SPRING ST W
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: oil sheen in river 1/2 mi long all the way accross/ SW cor King & Olentangy
Foster/Ohio EPA

Requested Date:
Crew :HARH1
Dept: SEWERS
Area:0002
Next Approver:
Dispatcher:BEAVERS, RANDY W
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 02/22/2013 07:51:45AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: Sapp, Mike
Call Back: N
Address:679 SPRING ST W
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone: (614) 263-9724

Refer to 2013 Illicit Discharge Investigation 02/22/2013-1 Evans

SERVICE REQUEST REPORT

22 JAN 2014
08:42 AM

Service Request No.
1302752

1302752

Created Date: 02/21/2013 04:54 PM

CLOSEOUT INFORMATION

Start: 02/21/2013 05:45 PM Finish: 02/21/2013 06:50 PM Completed: Y

Failure: YNCF Repair: _____ Further Action: _____

Comments: w hen w e arrived at the above location it look like some type of oil in scioto river and w e chase it dow n to king ave and seem it in the olentangy river w ere the const company doing some w ork under the bridge on king ave w e notified mike foster and e.p.a.w as on suite and w e checked man hole number 0615 and could not fine anything in the storm sew er

Inspected By: harris myers Date: _____

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 26-FEB-13

SPECIFICATIONS

ID: 1301833 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	scioto river and olentangy river
10	CAUSE?	const company no about if
15	CONTAINED Y	y
20	STORMWATER NOTIFIED Y	y
25	EPA ON SITE Y	y
30	RECEIVING STRUCTURE #	t0615 out going pipe to river
35	RECEIVING WATERWAY?	olentangy river

SERVICE REQUEST REPORT

22 JAN 2014
08:42 AM

Service Request No.
1303581

1303581

Created Date: 03/06/2013 02:39 PM

WORK LOCATION

Address:3368 BRICHAR WAY
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: pliot gas station leakingsubstance into pond area at above location 1-800 2829378 also1-800-3619030 epa mike dalton assist him and advise

Requested Date:
Crew :COBR1
Dept: SEWERS
Area:0117
Next Approver:
Dispatcher:WELLS, JOHN P
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 03/06/2013 04:09:31PM

STOMER INFORMATION

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

REPORTED BY

Name: epa mike dalton
Call Back: N
Address:3368 BRICHAR WAY
Suite:
City:
State:
Zip:
Work Phone: (614) 282-9378
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 02/08/2013-1 Pilot 3600 Interchange

SERVICE REQUEST REPORT

22 JAN 2014
08:42 AM

Service Request No.
1303581

1303581

Created Date: 03/06/2013 02:39 PM

CLOSEOUT INFORMATION

Start: 03/06/2013 02:48 PM Finish: 03/06/2013 03:39 PM Completed: Y

Failure: YASSTAGNCY Repair: YSTANDBY Further Action:YNFAN

Comments: Responded to call from OHEPA. Assisted Mike Dalton w ith checking ditch lines and installing arresting booms in w aterw ay. We w ere released by the EPA w hen Bob Lamb and Bernie Conrad, Stormw ater, arrived to take care of the regulatory management duties. No further w ork needed. No assets to record.

Inspected By: Cobun/ Davey/ Link Date: 06-MAR-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 08-MAR-13

SPECIFICATIONS

ID: 1302345 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304055

1304055

Created Date: 03/14/2013 12:45 PM

WORK LOCATION

Address:770 TWIN RIVERS DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: FIRE DEPT STATES IN F/O APPROX 20 GALLONS SPILLED IN THE STROM DRAIN PLEASE INVESTIGATE

Requested Date:
Crew :COBR1
Dept: SEWERS
Area:0009
Next Approver:
Dispatcher:JONES, CRYSTALYN R
Call Back Ready: Y
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 03/14/2013 02:33:55PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: KEVIN, CPD
Call Back: Y
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 221-2345
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304055

1304055

Created Date: 03/14/2013 12:45 PM

CLOSEOUT INFORMATION

Start: 03/14/2013 01:48 PM Finish: 03/14/2013 02:23 PM Completed: Y

Failure: YASSTAGNCY Repair: _____ Further Action:YNFAN

Comments: Called to assist first response by CFD on estimated 20 gallon diesel fuel spill. Chris Bonner - OHEPA Response in charge of assigning hazmat clean-up to Rusty's Tow ing, and their people w ere on site. Checked the stormw ater MS4 at inlet 0009T1087 and manhole 0009T1475 and confirmed that no contaminants had reached the CoC stormw ater system. No further w ork needed. Mike Foster notified. Stormw ater Section w ill get cc'd.

Inspected By: Cobun/ Engle Date: 14-MAR-13

Signoff By: _____ Date: _____

Closed By: STEWARD, RONALD L Date: 18-MAR-13

SPECIFICATIONS

ID: 1302887 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attrib ute*	*Value*
5	SPILL AFFECTED AREA?	0009
10	CAUSE?	Truck crash
15	CONTA INED Y	Y
20	STORMWATER NOTIFIED Y	Y
25	EPA ON SITE Y	Y
30	RECEIV ING STRUCTURE #	None
35	RECEIV ING WATERWAY?	None

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304076

1304076

Created Date: 03/15/2013 04:34 AM

WORK LOCATION

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

Problem Description: 100 gal delsal / att ticket # pq1mvv59 -rw b

Requested Date:
Crew: ALBM1
Dept: SEWERS
Area: 0001
Next Approver:
Dispatcher: BEAVERS, RANDY W
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 03/15/2013 09:03:59AM

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: BROAD ST
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 03/15/2013-1 Unknown

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304076

1304076

Created Date: 03/15/2013 04:34 AM

CLOSEOUT INFORMATION

Start: 03/15/2013 05:45 AM Finish: 03/15/2013 08:50 AM Completed: Y

Failure: YNCF Repair: YNFWN Further Action:_____

Comments: Auto accident at Broad and High resulted in Dar Pro Solutions (614-351-9820) tractor fuel tank rupturing and spilling approximately 100 gallons of diesel fuel. Checked MH 0001C1227 and found no contaminents. MH 0001C0309 does not exist per 910 Dublin. EPA representative Chris Holmes (6146442078) responded and agreed that no fuel entered city system. Street Dept. brought sand and fuel was contained along north curb east of Wall Street. Mike Foster/Bob Ellinger notified. Some fuel went into AT&T vault. AT&T was notified. EMS was contacted to clean up site.

Inspected By: Albright/Boyd Date: 15-MAR-13

Signoff By:_____ Date:_____

Closed By: RICHARDS, JEFFREY C Date: 21-MAR-13

SPECIFICATIONS

ID: 1302911 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	paved street
10	CAUSE?	auto accident
15	CONTAINED Y	y
20	STORMWATER NOTIFIED Y	n
25	EPA ON SITE Y	y
30	RECEIVING STRUCTURE #	contained in curb
35	RECEIVING WATERWAY?	no contact with city sewer

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304907

1304907

Created Date: 04/01/2013 03:28 PM

WORK LOCATION

Address: BAYSHORE DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-w ater spill; chemical, fuel, etc.

Problem Description: CALLER STATES CONCERN OF FLUIDS FROM CARS DRAINING IN LAKE. PLEASE CALL DAVID MORALES WITH FINDINGS. PER SSS NON EMERGENCY PLACE IN BASKET

Requested Date:
Crew :SMIC1
Dept: SEWERS
Area:0048
Next Approver:
Dispatcher:JEFFREY KEENER
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 04/03/2013 03:25:23PM

ISTOMER INFORMATION

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

REPORTED BY

Name: MORALES, DAVID
Call Back: N
Address:1409 A LAKE SHORE DR
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone: (614) 488-1603

SERVICE REQUEST REPORT

22 JAN 2014
08:41 AM

Service Request No.
1304907

1304907

Created Date 04/01/2013 03:28 PM

CLOSEOUT INFORMATION

Start: 04/02/2013 10:00 AM Finish: 04/02/2013 10:30 AM Completed: Y

Failure: YOPEN Repair: YNFWN Further Action:_____

Comments: NO ASSET# PRIVATE STORM DRIANS NO OIL SPILL FOUND AT THIS TIME..

Inspected By: SMITH/HOFFMAN Date: 02-APR-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 09-APR-13

SPECIFICATIONS

ID: 1303555 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
09:21 AM

Service Request No.
1304898

1304898

Created Date: 04/01/2013 02:20 PM

WORK LOCATION

Address:1199 PERRY ST
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YUPFLOW - Flow from ground or structure.

Problem Description: OVERFLOW FROM COMBO SEWER

Requested Date:
Crew :DAVM1
Dept: SEWERS
Area:0027
Next Approver:
Dispatcher: JEFFREY KEENER
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No: 1308872/01
Finished Date: 04/03/2013 06:46:52AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: LAMB, BOB
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 774-0647
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
09:21 AM

Service Request No.
1304898

1304898

Created Date: 04/01/2013 02:20 PM

CLOSEOUT INFORMATION

Start: 04/01/2013 02:35 PM Finish: 04/01/2013 06:30 PM Completed: Y

Failure: YMHOP Repair: YJETTED Further Action:YCLEAN

Comments: Found Sew erage coming out of DSR # 156 @ flap gate #0027t0369. Checked upstream mh #0027c0372 and Dow n stream mh #0027s0370. Blockage w as in upstream mh. Notified app. personel of findings. Opened by H. Davis & pow er cleaning, w ill open W/O for completed w ork & finish w ork to be completed. Stop time of over flow is approx. crew w as not present at stop. For accurate stop time see M. Foster.

Inspected By: Link/Davey Date: 01-APR-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 08-APR-13

SPECIFICATIONS

ID: 1303550 *Category:* DOSD WORK DAT *Type:* WIB-MSS *Title:* WATER IN BASEMENT - MAIN SEWEF

Seq. No	*Attrib ute*	*Value*
5	CHECKED FROM STRUCTURE #	
10	CHECKED TO STRUCTURE #	
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 #	
80	TV TO #	

ID: 1303558 *Category:* DOSD WORK DAT *Type:* SSO-CSO *Title:* SSO - SCO DATA

Seq. No	*Attrib ute*	*Value*
5	DESIGNED SEWER RELIEF - DSR #	#0156
10	STRUCTURE OV ERFLOWED #	0027c0372
15	MH # - UPSTREAM OF BLOCKAGE	0027c0375
20	MH # - DOWNSTREAM OF BLOCKAGE	0027s0370
25	CAUSE = GREASE - Y	
30	CAUSE = ROOTS - Y	
35	CAUSE = DEBRIS - Y	y
40	CAUSE = SURCHARGED - Y	

SERVICE REQUEST REPORT

22 JAN 2014
09:21 AM

Created Date: 04/01/2013 02:20 PM

Service Request No.
1304898

1304898

SPECIFICATIONS

ID: 1303558 *Category:* DOSD WORK DAT *Type:* SSO-CSO *Title:* SSO - SCO DATA

Seq. No	*Attribute*	*Value*
45	CAUSE = OTHER?	
50	CAUSE = UNKNOWN - Y	
55	OVERFLOW AFFECTED AREA?	Olentangy Rvr
60	SUMP PUMP ADDRESS	
65	SECURE 1=SIGN 2=HANGER 3=OTHER	3
70	TIME/DATE OVERFLOW STOPPED	See M. Foster
75	RECEIVING STRUCTURE #	
80	RECEIVING WATERWAY?	Olentangy Rvr

SERVICE REQUEST REPORT

22 JAN 2014
08:40 AM

Service Request No.
1305295

1305295

Created Date: 04/09/2013 12:12 PM

WORK LOCATION

Address:3989 HIGH ST N
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: AT WETSTONE PARK IN THE R/O OF BASEBALL FIELD/DIAMOND THERE IS A RAVINE AND IT POTENTIALLTY HAS GREEN DYE. PLEASE INVESTIGATE AND GIVE RESULT. THANKS (N/E PART OF RAVINE.

Requested Date:
Crew :COBR1
Dept: SEWERS
Area:0232
Next Approver:
Dispatcher:JONES, CRYSTALYN R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 04/09/2013 01:12:49PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: OFFICER CRAFT, CPD
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 565-4896
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:40 AM

Service Request No.
1305295

1305295

Created Date: 04/09/2013 12:12 PM

CLOSEOUT INFORMATION

Start: 04/09/2013 12:30 PM Finish: 04/09/2013 12:50 PM Completed: Y

Failure: YOPEN Repair: _____ Further Action:YNFAN

Comments: No asset number. Paul Fannin w as dye testing at Overbrook. Dye w ashed dow nstream into the Olentangy River. through Whetstone Park. Colorant had moved on, checked w ith SMOC, reported to Parks and Rec supervisor in the park. No further w ork needed.

Inspected By: Cobun/ Bow ling Date: 09-APR-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 12-APR-13

SPECIFICATIONS

ID: 1303895 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:40 AM

Service Request No.
1306514

1306514

Created Date: 05/02/2013 02:11 PM

WORK LOCATION

Address:250 CIVIC CENTER DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: In the r/o parking lot please investigate a paint spill

Requested Date:
Crew :MYER2
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: 05/03/2013 08:13:54AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: GREP
Call Back: N
Address:
Suite:
City: EPA
State:
Zip:
Work Phone: (614) 644-3199
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 05/02/2013-1 Unknown

SERVICE REQUEST REPORT

22 JAN 2014
08:40 AM

Service Request No.
1306514

1306514

Created Date: 05/02/2013 02:11 PM

CLOSEOUT INFORMATION

Start: 05/02/2013 02:20 PM Finish: 05/02/2013 02:45 PM Completed: Y

Failure: YNCF Repair: _____ Further Action:YNFAN

Comments: YSPILL- Upon initial investigation it appeared that a gypsum bucket w as rinsed out over the private inlet.The amount of the substance in the inlet w as negligible. Checked the next available manhole # T0198 and no foreign substance w as present.

Inspected By: RMyers/MBoyd Date: 02-MAY-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 06-MAY-13

SPECIFICATIONS

ID: 1304934 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:39 AM

Service Request No.
1307480

1307480

Created Date: 05/22/2013 02:39 PM

WORK LOCATION

Address:1227 SOUTHPORT DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: A CALLER REPORTED SOME GREEN SUBSTSANCE IN THE CREEK. PLEASE INVESTIGATE

Requested Date:
Crew :SMIC1
Dept: SEWERS
Area:0369
Next Approver:
Dispatcher:JONES, CRYSTALYN R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 05/23/2013 07:34:00AM

STOMER INFORMATION

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

REPORTED BY

Name: VESCO
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 645-0362
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 05/22/2013-1 Unknown

SERVICE REQUEST REPORT

22 JAN 2014
08:39 AM

Service Request No.
1307480

1307480

Created Date: 05/22/2013 02:39 PM

CLOSEOUT INFORMATION

Start: 05/22/2013 03:00 PM Finish: 05/22/2013 03:10 PM Completed: Y

Failure: YNCF Repair: YNFWN Further Action:_____

Comments: PER JAKE VESCO NO COMPLAINT CREW NEEDED.VESCO WAS SENDING HIS CREW OUT TO TEST WATER SAMPLE.JOB COMPLETE

Inspected By: SMITH/HOFFMAN Date: 22-MAY-13

Signoff By:_____ Date:_____

Closed By: RICHARDS, JEFFREY C Date: 24-MAY-13

SPECIFICATIONS

ID: 1306087 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:39 AM

Service Request No.
1307622

1307622

Created Date: 05/24/2013 07:49 PM

WORK LOCATION

Address:4544 WINGFIELD ST
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: caller states there is a drain pipe in rear of property, he states there is a oily substance on ground where this comes out of pipe. (just a couple of qts. less than a gallon)

Requested Date:
Crew :YURM1
Dept: SEWERS
Area:0376
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 05/24/2013 10:36:15PM

STOMER INFORMATION

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

REPORTED BY

Name: bower, brian
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 475-4804
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 05/28/2013-1 Unknown

SERVICE REQUEST REPORT

22 JAN 2014
08:39 AM

Service Request No.
1307622

1307622

Created Date: 05/24/2013 07:49 PM

CLOSEOUT INFORMATION

Start: 05/24/2013 09:10 PM Finish: 05/24/2013 09:49 PM Completed: Y

Failure: YCONT Repair: _____ Further Action:YNFAN

Comments: Read SR 1114516 and believed Ohio Mulch was initial culpret. Checked MH's 0375T0475 and 375Y0279 and found them clean. Found oil on inlet 0375T0282 in front of 3278 Valley Park Drive. Found traces of oil through system to outfall 0376T0175 where about a quart of oil had collected. Called Mike foster and notifed him of findings by phone. Jake Vesco notified.

Inspected By: Yurkovic/Martin Date: _____

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 29-MAY-13

SPECIFICATIONS

ID: 1306124 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	creek/storm system
10	CAUSE?	citizen put oil in inlet
15	CONTAINED Y	1 quart @ outfall 0376T0175
20	STORMWATER NOTIFIED Y	y
25	EPA ON SITE Y	n
30	RECEIVING STRUCTURE #	0375T0282
35	RECEIVING WATERWAY?	Alum Creek

SERVICE REQUEST REPORT

22 JAN 2014
09:14 AM

Service Request No.
1307896

1307896

Created Date: 05/31/2013 11:48 AM

WORK LOCATION

Address:8700 LYRA DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YUPFLOW - Flow from ground or structure.

Problem Description: upflow from sew er in front of above address. caller is Craig 885-1600

Requested Date:
Crew :HARH1
Dept: SEWERS
Area:1108
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No: 1315179/01
Finished Date: 06/03/2013 07:33:58AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: craig
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 885-1600
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
09:14 AM

Service Request No.
1307896

1307896

Created Date: 05/31/2013 11:48 AM

CLOSEOUT INFORMATION

Start: 05/31/2013 12:25 PM Finish: 05/31/2013 01:15 PM Completed: Y

Failure: YSTOP Repair: YSECURED Further Action:YCLEAN

Comments: when we arrived at 12:25 pm at the above location the 8 inch sanitary sewer was stopped up and man hole number 1094 was overflowing so we secured the area with signs and call for a vactor and open the sewer from man hole number 1092 and water drain from man holes and sewage stop running over at 13:15 pm and we call mike foster to let him no that the sewer was overflowing some got into the catchbasin and the catchbasin was stop up and the vactor clean up the sewage on the ground and out of the catchbasin that was number t1113 that they clean out.the cause of stoppage was grease. we did a fog referrals for grease and this sewer needs to be clean from man hole number 0438 to man hole number 1094 by a vactor

Inspected By: harris jerry Date: _____

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 04-JUN-13

SPECIFICATIONS

ID: 1306382 *Category:* DOSD WORK DAT *Type:* WIB-MSS *Title:* WATER IN BASEMENT - MAIN SEWEF

Seq. No	*Attribute*	*Value*
5	CHECKED FROM STRUCTURE #	
10	CHECKED TO STRUCTURE #	
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 #	
80	TV TO #	

ID: 1306384 *Category:* DOSD WORK DAT *Type:* SSO-CSO *Title:* SSO - SCO DATA

Seq. No	*Attribute*	*Value*
5	DESIGNED SEWER RELIEF - DSR #	
10	STRUCTURE OVERFLOWED #	1094
15	MH # - UPSTREAM OF BLOCKAGE	1094
20	MH # - DOWNSTREAM OF BLOCKAGE	1093
25	CAUSE = GREASE - Y	y
30	CAUSE = ROOTS - Y	
35	CAUSE = DEBRIS - Y	
40	CAUSE = SURCHARGED - Y	grease

SERVICE REQUEST REPORT

22 JAN 2014
09:14 AM

Service Request No.
1307896

1307896

Created Date: 05/31/2013 11:48 AM

SPECIFICATIONS

ID: 1306384 *Category:* DOSD WORK DAT *Type:* SSO-CSO *Title:* SSO - SCO DATA

Seq. No	*Attribute*	*Value*
45	CAUSE = OTHER?	
50	CAUSE = UNKNOWN - Y	
55	OVERFLOW AFFECTED AREA?	ground/cb
60	SUMP PUMP ADDRESS	
65	SECURE 1=SIGN 2=HANGER 3=OTHER	signs
70	TIME/DATE OVERFLOW STOPPED	5/31/13 12:25pm 13:15pm
75	RECEIVING STRUCTURE #	
80	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
01:39 PM

Service Request No.
1309102

1309102

Created Date: 06/25/2013 10:18 AM

WORK LOCATION

Address:1330 LINWOOD AVE
Suite:
Cross Street:THURMAN AVE
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: CITIZEN IS REPAIRING VEHICLES IN HIS GARAGE. FLUSING CAR OIL AND OTHER CAR LIQUIDS INTO THE SEWERS. DISPATCHER PASSED INFO TO BERTACCHI.

Requested Date:
Crew :BOYM1
Dept: SEWERS
Area:0017
Next Approver:
Dispatcher:WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 06/26/2013 07:56:45AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: WELCH, TED
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 946-2247
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 06/25/2013-1 Resident 1300 Linwood

SERVICE REQUEST REPORT

22 JAN 2014
01:39 PM

Service Request No.
1309102

1309102

Created Date: 06/25/2013 10:18 AM

CLOSEOUT INFORMATION

Start: 06/25/2013 11:30 AM Finish: 06/25/2013 11:40 AM Completed: Y

Failure: YASSTAGNCY Repair: YNFWN Further Action:_____

Comments: COMPLAINT REFERED TO STROM WATER. STORM WATER ON SITE WHEN WE ARRIVED. NOFURTHER WORK NEEDED. NO ASSET#.

Inspected By: MBOYD/RMYERS Date: _____

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 28-JUN-13

SERVICE REQUEST REPORT

22 JAN 2014
01:38 PM

Service Request No.
1309135

1309135

Created Date: 06/25/2013 05:22 PM

WORK LOCATION

Address:385 SCHREYER PL E
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: caller states that Drier company is cleaning the storm sew er in the area and have flushed muddy w ater into adena brook, and also yards of the neighbors.. caller stated the man has a city of columbus contractors license

Requested Date:
Crew :COBR1
Dept: SEWERS
Area:0298
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 06/25/2013 07:23:32PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: patterson, richard
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 578-4345
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 06/26/2013-1 Drier and Maller

SERVICE REQUEST REPORT

22 JAN 2014
01:38 PM

Service Request No.
1309135

1309135

Created Date: 06/25/2013 05:22 PM

CLOSEOUT INFORMATION

Start: 06/25/2013 06:35 PM Finish: 06/25/2013 06:55 PM Completed: Y

Failure: YCNTRPROB Repair: _____ Further Action:YNFAN

Comments: No asset number to list. A driver/ operator under City contract to Dreier & Maller Co. Inc. was flushing storm sewer south of Morse Rd. which caused Adena Brook to become muddy. The single event was over, no pollutants except the mud were seen. I spoke with the home owner, got some information, and will send it to Stormwater first thing on 6/26/2013 for regulatory management.

Inspected By: Cobun/ Boyd Date: 25-JUN-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 28-JUN-13

SERVICE REQUEST REPORT

22 JAN 2014
08:38 AM

Service Request No.
1309764

1309764

Created Date: 07/09/2013 02:18 PM

WORK LOCATION

Address:697 JAMES RD N
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: AT SIMS RECYCLING APPROX 10 GALLONS OF OIL WENT INTO SEWER AT LOADING DOCK, WHERE IT MAY HAVE BEEN PUMPED INTO THE STORE SEWERS

Requested Date:
Crew :HARH1
Dept: SEWERS
Area:0094
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 07/11/2013 08:40:29AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: MINZI, TIM
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (740) 225-3297
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:38 AM

Service Request No.
1309764

1309764

Created Date: 07/09/2013 02:18 PM

CLOSEOUT INFORMATION

Start: 07/09/2013 02:50 PM Finish: 07/09/2013 03:10 PM Completed: Y

Failure: YCONT Repair: YNFWN Further Action:_____

Comments: sims recycling waste about 10 gal of oil by the catchbasin a leak from one of their truck a holes broken some oil get into the catchbasin which was number 0230 and 0229. mike foster was notified and storm water was notified to

Inspected By: harris Date: _____

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 12-JUL-13

SPECIFICATIONS

ID: 1308580 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	catchbasin
10	CAUSE?	broken hole from truck
15	CONTAINED Y	y
20	STORMWATER NOTIFIED Y	y
25	EPA ON SITE Y	no
30	RECEIVING STRUCTURE #	0230
35	RECEIVING WATERWAY?	0229

SERVICE REQUEST REPORT

22 JAN 2014
01:27 PM

Service Request No.
1310130

1310130

Created Date: 07/14/2013 08:36 AM

WORK LOCATION

Address: BRIGGS RD
Suite:
Cross Street: HARDWOOD DR
City:
State:
Zip:
Service Request Type: INVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: Mr. Hoover was out walking this a.m. and found that someone has poured a green substance on the curb on Briggs Rd., between Harwood Dr. & Holly Hill. The length of the "stuff" is at least 100'. He can't tell if it's green paint or not. He doesn't think that it's something that needs to go into the sewer if it rains.

Requested Date:
Crew: ENGS1
Dept: SEWERS
Area: 0114
Next Approver:
Dispatcher: SCOTT, MARCIA R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 07/14/2013 12:12:57PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: Hoover, David
Call Back: N
Address: 963 Melwood Dr.
Suite:
City: Columbus
State: OH
Zip: 43228
Work Phone:
Ext:
Home Phone: (614) 274-1003

SERVICE REQUEST REPORT

22 JAN 2014
01:27 PM

Service Request No.
1310130

1310130

Created Date: 07/14/2013 08:36 AM

CLOSEOUT INFORMATION

Start: 07/14/2013 10:00 AM Finish: 07/14/2013 11:05 AM Completed: Y

Failure: YCONT Repair: YCCAR Further Action:_____

Comments: Resident (George Wolf) at 3930 Briggs Rd. had pumped sw imming pool treatment containing copper sulfide and algaecide to the curb line. Contacted Ron Bonner of EPA at 10:30am w ho called back at 10:50am and gave permission to flush area w ith hydrant into catch basin # 0114T0474 (12" T).

Inspected By: Engle / Martin Date: 14-JUL-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 16-JUL-13

SERVICE REQUEST REPORT

22 JAN 2014
11:50 AM

Service Request No.
1312223

1312223

Created Date: 08/19/2013 05:19 PM

WORK LOCATION

Address:3161 GRIGGSVIEW CT
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: The creek directly behind his house is ALWAYS clear. Today, it's the color of chocolate milk or coffee with cream.

Requested Date:
Crew :MYER2
Dept: SEWERS
Area:0122
Next Approver:
Dispatcher:SCOTT, MARCIA R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No: 1323225/01
Finished Date: 08/20/2013 07:50:38AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: Ackerman, Albert
Call Back: N
Address:3161 GRIGGSVIEW CT
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone: (614) 893-5678

Refer to 2013 Illicit Discharge Investigation 08/20/2013-1 Division of Water

SERVICE REQUEST REPORT

22 JAN 2014
11:50 AM

Service Request No.
1312223

1312223

Created Date: 08/19/2013 05:19 PM

CLOSEOUT INFORMATION

Start: 08/19/2013 05:48 PM Finish: 08/19/2013 06:35 PM Completed: _____

Failure: YNYD Repair: _____ Further Action:YREQST

Comments: This is being turned over to storm w ater. Go to the rear of 3161 Griggsview Ct. and take a sample to determine the nature of the substance that has turned the w ater a coffee cream color.

Inspected By: RMyers/JKeener Date: 19-AUG-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 21-AUG-13

SERVICE REQUEST REPORT

22 JAN 2014
11:33 AM

Service Request No.
1312919

1312919

Created Date: 09/03/2013 01:02 PM

WORK LOCATION

Address:173 20TH ST N
Suite:
Cross Street:
City:
State:
Zip:
Service Request Type:INVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: builder called he built home here is getting sew age odor outsideon south side of home..(w ould like to meet you there at 2:30 pm)..sump pump running lots.

Requested Date:
Crew :ENGS1
Dept: SEWERS
Area:0014
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No: 1324797/01
Finished Date: 09/04/2013 07:52:22AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: cholreff, rick
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 207-2863
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 09/04/2013-1 Mark Menges

SERVICE REQUEST REPORT

22 JAN 2014
11:33 AM

Service Request No.
1312919

1312919

Created Date: 09/03/2013 01:02 PM

CLOSEOUT INFORMATION

Start: 09/03/2013 02:10 PM Finish: 09/03/2013 03:00 PM Completed: Y

Failure: YOPEN Repair: _____ Further Action:YCCTV

Comments: YWIBOPEN - The 18 inch combination sewer serving the problem location was open and flowing when checked. Checked upstream manhole # 0014C0380 and downstream manhole # 0014C0382. Tenant was told to contact a private sewer cleaner by investigator. No sewage in basement, but sump pump is constantly pumping. Spoke with J. Vesco and he is sending a crew out on 9-4-13 to test liquid being pumped out by sump pump. YTV - The 18 inch combination sewer serving the problem location needs to be televised between upstream manhole # 0014C0380 and downstream manhole # 0014C0382 to determine condition of sewer and service connection. Please notify S. Engle of results.

Inspected By: Engle / Cobun Date: 03-SEP-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 09-SEP-13

SPECIFICATIONS

ID: 1310498 *Category:* DOSD WORK DAT *Type:* WIB-MSS *Title:* WATER IN BASEMENT - MAIN SEWEF

Seq. No	*Attribute*	*Value*
5	CHECKED FROM STRUCTURE #	
10	CHECKED TO STRUCTURE #	
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 #	
80	TV TO #	

SERVICE REQUEST REPORT

22 JAN 2014
09:03 AM

Service Request No.
1312999

1312999

Created Date: 09/04/2013 12:06 PM

WORK LOCATION

Address:1484 WILLIAMS RD
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YUPFLOW - Flow from ground or structure.

Problem Description: caller observed w ater coming up out of 2 storm sew ers on his parking lot

Requested Date:
Crew :BOYM1
Dept: SEWERS
Area:0148
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No: 1324900/01
Finished Date: 09/05/2013 07:36:19AM

STOMER INFORMATION

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

REPORTED BY

Name: bennett, chris
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 491-9497
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 09/16/2013-1 Scioto Ready Mix

SERVICE REQUEST REPORT

22 JAN 2014
09:03 AM

Service Request No.
1312999

1312999

Created Date: 09/04/2013 12:06 PM

CLOSEOUT INFORMATION

Start: 09/04/2013 12:30 PM Finish: 09/04/2013 02:00 PM Completed: Y

Failure: YNCF Repair: _____ Further Action:YNFAN

Comments: This sew er needs to be cleaned w ith a vactor from manhole #T0160 1section N/E manhole # T0135, T0160 1 section N/W to T0281. PRIVATE 910.

Inspected By: MBOYD/RCOBUN Date: 04-SEP-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 10-SEP-13

SPECIFICATIONS

ID: 1310503 *Category:* DOSD WORK DAT *Type:* WIB-MSS *Title:* WATER IN BASEMENT - MAIN SEWEF

Seq. No	*Attribute*	*Value*
5	CHECKED FROM STRUCTURE #	
10	CHECKED TO STRUCTURE #	
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 #	
80	TV TO #	

SERVICE REQUEST REPORT

22 JAN 2014
11:25 AM

Service Request No.
1313342

1313342

Created Date: 09/11/2013 11:14 AM

WORK LOCATION

Address: FALL BROOK RD
Suite:
Cross Street: RIVER BEND RD
City: 311 SR# 1309119318
State:
Zip:
Service Request Type: INVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: THE RIVER THAT RUNS UNDER THE BRIDGE HAS A SMELL AND DISCOLORATION.

Requested Date:
Crew: HOFW1
Dept: SEWERS
Area: 0074
Next Approver:
Dispatcher: WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 09/11/2013 03:20:23PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: TALMADGE, ROBERT
Call Back: N
Address:
Suite:
City: NO # GIVEN ON 311 FAX
State:
Zip:
Work Phone:
Ext:
Home Phone:

Submitted by: RFLAMB

Oracle
Report s_rpt138 v 17153-3

SERVICE REQUEST REPORT

22 JAN 2014
11:25 AM

Service Request No.
1313342

1313342

Created Date: 09/11/2013 11:14 AM

CLOSEOUT INFORMATION

Start: 09/11/2013 11:30 AM Finish: 09/11/2013 12:00 PM Completed: Y

Failure: YNCF Repair: YNFWN Further Action:_____

Comments: DID FIND SOME THING FLOWING INTO CREEK FROM STORM SEWER AT HEADWALL ,CALLED VESCO TO HAVE THIS TESTED HE SAID ALL OF HIS PEOPLE WERE IN TRAINING TODAY, AS I WAS TALKING TO VESCO IT STARTED TO RAIN WASHING ALL THE STUFF AWAY.....

Inspected By: SMITH/HOFFMAN Date: 11-SEP-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 16-SEP-13

SERVICE REQUEST REPORT

22 JAN 2014
08:32 AM

Service Request No.
1313508

1313508

Created Date: 09/13/2013 09:01 PM

WORK LOCATION

Address:2760 BRICE RD
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: 40 GALLON DIESEL FUEL SPILLED IN FAMILY DOLLAR PARKING LOT

Requested Date:
Crew :KEEJ1
Dept: SEWERS
Area:0394
Next Approver:
Dispatcher:WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 09/16/2013 08:18:28AM

CUSTOMER INFORMATION

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

REPORTED BY

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

SERVICE REQUEST REPORT

22 JAN 2014
08:32 AM

Service Request No.
1313508

1313508

Created Date: 09/13/2013 09:01 PM

CLOSEOUT INFORMATION

Start: 09/13/2013 08:40 PM Finish: 09/13/2013 08:50 PM Completed: Y

Failure: YNCF Repair: _____ Further Action:YNFAN

Comments: Unpon arrival on the site, w e found the the EPA w as there and overseeing cleanup being done by Enviormental Management Specialist. Per Mr. Michael Dalton, Senior On-scene Coordinator for the OHIO EPA, there w as about 30 gallons of diesel fuel spilled in total in private parking lot. Dalton also stated that fuel w as contained inside private storm sew er lines and he placed bags inside the line to prevent any contaminates entering the city's storm sew er system or w ater w ays.

Inspected By: Passmore/Keener Date: 13-SEP-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 18-SEP-13

SPECIFICATIONS

ID: 1310770 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
11:18 AM

Service Request No.
1313635

1313635

Created Date: 09/17/2013 02:44 PM

WORK LOCATION

Address:1015 FIFTH AVE W
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: CITY LOCATOR SAYS IT APPEARS THE CONTRACTOR IS ABOUT TO TYE INTO CITY STORM ACCORDING TO WHERE THE MARKINGS ARE. PLEASE INVESTIGATE

Requested Date:
Crew :HOFW1
Dept: SEWERS
Area:0027
Next Approver:
Dispatcher:WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 09/18/2013 03:49:11PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: Aaron
Call Back: N
Address:
Suite:
City: CITY LOCATER
State:
Zip:
Work Phone: (614) 604-5232
Ext: cell
Home Phone: (614) 645-3777

SERVICE REQUEST REPORT

22 JAN 2014
11:18 AM

Service Request No.
1313635

1313635

Created Date: 09/17/2013 02:44 PM

CLOSEOUT INFORMATION

Start: 09/17/2013 03:00 PM Finish: 09/17/2013 03:30 PM Completed: Y

Failure: YOPEN Repair: _____ Further Action:YREQST

Comments: THE BUSINESS AT 1015 W. FIFTH AVE IS HAVING A CONTRCTOR DO WORK ON THEIR SERVICE LINE. THE CONTRACTOR (WATER WORKS) HAS MARKED THE SIDEWALK IN FRONT OF BUSINESS TO DO THE REPAIR. THERE IS NO SANITARY LINE IN THE FRONT. WE TALKED TO PERMITS AND THEY SHOW NO TAP LOCATION FOR THIS ADDRESS. WE WENT BACK AND DID A DYE TEST. NO DYE SHOWED UP IN THE SANITARY LINE FROM UPSTREAM MANHOLE3 0027S0053 TO DOWNSTREAM MANHOLE # 0027S0052. WE CHECKED THE 24 INCH STORM LINE FROM UPSTREAM CATCHBASIN# 0027T0670 AND DOWNSTREAM CATCH BASIN# 0027T0941. THERE IS DYE COMING INTO THE STORM SEWER. PERMITS WAS NOTIFIED OF THE FINDINGS OF SANITARY IN THE SEWER. NO FURTHER WORK NEEDED BY US. PERMITS IS HANDLING THE REST.

Inspected By: HOFFMAN/SMITH Date: 18-SEP-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 20-SEP-13

SERVICE REQUEST REPORT

22 JAN 2014
11:16 AM

Service Request No.
1313774

1313774

Created Date: 09/19/2013 04:52 PM

WORK LOCATION

Address: HIGH ST N
Suite:
Cross Street: ACTON RD
City:
State:
Zip:
Service Request Type: INVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: rear of w hetstone park of roses at the river. South of the footbridge there is w ater draining out of a pulpe into the river. caller states that it has a strong chlorine smell to it. the pipe that it's coming from is on the rt. 315 side of the river.

Requested Date:
Crew: SMIM1
Dept: SEWERS
Area: 0232
Next Approver:
Dispatcher: BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 09/20/2013 08:36:02AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: carnes, bill
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone: (614) 205-2945
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 09/20/2013-1 Division of Water

SERVICE REQUEST REPORT

22 JAN 2014
11:16 AM

Service Request No.
1313774

1313774

Created Date: 09/19/2013 04:52 PM

CLOSEOUT INFORMATION

Start: 09/19/2013 06:30 PM Finish: 09/19/2013 06:45 PM Completed: _____

Failure: YNCF Repair: YNOWORKFND Further Action:YREQST

Comments: We checked all storm outfalls S/O foot bridge south of W. Henderson Rd. to south of the Park of Roses on the west side of the river and we found no sign of chlorine discharging into the river.We turned this job over to Mr. Vesco in storm water for them to take a look at this area.

Inspected By: J. Keener M.S.Smith Date: 20-SEP-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 25-SEP-13

SERVICE REQUEST REPORT

22 JAN 2014
08:31 AM

Service Request No.
1314599

1314599

Created Date: 10/04/2013 05:02 PM

WORK LOCATION

Address:1711 WOODLAND AVE
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: SUPERVISOR NEEDS TO CALL BOB ELLINGER. EPA ALREADY ON SITE. POSSIBLE CHEMICAL WASHED INTO SEWERS AFTER THE FIRE DEPARTMENT DUMP WATER INTO THE BUILDING

Requested Date:
Crew :ENGS1
Dept: SEWERS
Area:0056
Next Approver:
Dispatcher:WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 10/05/2013 03:45:30PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: JERRY
Call Back: N
Address:
Suite:
City: HEALTH DEPARTMENT
State:
Zip:
Work Phone: (614) 256-1430
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:31 AM

Service Request No.
1314599

1314599

Created Date: 10/04/2013 05:02 PM

CLOSEOUT INFORMATION

Start: 10/04/2013 10:05 PM Finish: 10/04/2013 11:00 PM Completed: Y

Failure: YCONT Repair: _____ Further Action: _____

Comments: We were called to investigate whether any chemicals from a fire at 1711 Woodland Ave. (Burton Metal Finishing) were entering into any City sewers. Upon our arrival we spoke with members of CFD who said that most people had left the site including the EPA. We were also told that no one was permitted beyond several feet of the west side of Woodland Ave. as the chemicals running from building were eating away at people's boots and clothes. We proceeded to check manhole # 0056S0075 (36" S) and did not see anything out of ordinary. We checked storm inlet # 0056T0398 (15" T) and saw that a private storm sewer (not located on atlas) on the south side of building running east into inlet # 0056T0398 was dumping chemicals into it. We could physically see this and gas meters went off. We tracked sewer to inlet # 0056T0659 where it turned east and entered creek at headwall # 0056T0660 (1790 Woodland Ave.). We were told that EPA had dyked the private storm sewer, but this either failed or was not the case. Also told that EPA would be back on 10-5-13. R. Ellinger contacted Storm Water Section prior to our crew arriving on site and they refused to come out and investigate due to overtime issues. Informed R. Ellinger of results via phone. No further work needed.

Inspected By: Engle / H. Davis Date: 04-OCT-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 08-OCT-13

SPECIFICATIONS

ID: 1311588 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
11:07 AM

Service Request No.
1314573

1314573

Created Date: 10/04/2013 10:16 AM

WORK LOCATION

Address:5965 KARL RD
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: 311 complaint# 1310042971---caller says it appears the w ashing machine here is tied into the sump pump and it's pumping all the soap bubbles into the street. please check. thanks

Requested Date:
Crew :ENGS1
Dept: SEWERS
Area:0543
Next Approver:
Dispatcher:BOBO, DAVID L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 10/07/2013 08:01:19AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: declined by caller
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 10/31/2013-2 Cecilla Obiunwy

SERVICE REQUEST REPORT

22 JAN 2014
11:07 AM

Service Request No.
1314573

1314573

Created Date: 10/04/2013 10:16 AM

CLOSEOUT INFORMATION

Start: 10/04/2013 10:35 AM Finish: 10/04/2013 11:05 AM Completed: Y

Failure: YOPEN Repair: YNFWN Further Action:_____

Comments: YOPEN - The 8 inch sanitary sewer serving the problem location was open and flowing when checked. Checked upstream manhole # 0543S0221 and downstream manhole # 0543S0211. Tenant was told to contact a private sewer cleaner by investigator. Had dispatcher turn over to Code Enforcement as soap bubbles being pumped out is not a sewer issue.

Inspected By: Engle / Link Date: 04-OCT-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 08-OCT-13

SERVICE REQUEST REPORT

22 JAN 2014
08:30 AM

Service Request No.
1315942

1315942

Created Date: 11/01/2013 12:14 AM

WORK LOCATION

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

Problem Description: I-670 e bound around NEIL 100 gall deisel

Requested Date:
Crew: FANP2
Dept: SEWERS
Area: 0002
Next Approver:
Dispatcher: BEAVERS, RANDY W
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 11/01/2013 03:21:12AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: LEE, GEORGE
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:30 AM

Service Request No.
1315942

1315942

Created Date: 11/01/2013 12:14 AM

CLOSEOUT INFORMATION

Start: 10/31/2013 01:30 PM Finish: 10/31/2013 01:50 PM Completed: Y

Failure: YASSTAGNCY Repair: YNFWN Further Action:_____

Comments: a tractor trailer hit a w all on east bound i 670 and neil ave and spilled about 100 gal of diesel fuel that w ent dow n into the storm sew er and that w as number t3332. and pro-tow company contain the rest of the fuel w ith sand and they are going to do the clean up and e.p.a w as notified but w as not on site so w e call mike foster and storm w ater and left a message to jeff bertacchi this storm sew er gos into olentangy river.

Inspected By: harris Date: _____

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 06-NOV-13

SPECIFICATIONS

ID: 1316128 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:30 AM

Service Request No.
1316196

1316196

Created Date: 11/06/2013 09:00 AM

WORK LOCATION

Address:5566 CHESTERVIEW DR
Suite:
Cross Street:
City:
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YSPILL - Non-w ater spill; chemical, fuel, etc.

Problem Description: CALLER STATES UN THE R/O SOMEONE IS POURING GALLONS OF PAINT PLEASE INVESTIGATE

Requested Date:
Crew :SMIC1
Dept: SEWERS
Area:0279
Next Approver:
Dispatcher:JONES, CRYSTALYN R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 11/07/2013 07:39:46AM

STOMER INFORMATION

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

REPORTED BY

Name: ANAMIOUS
Call Back: N
Address:
Suite:
City:
State:
Zip:
Work Phone:
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 11/06/2013-1 Blanca Nunez Environmental Sheriff

SERVICE REQUEST REPORT

22 JAN 2014
08:30 AM

Service Request No.
1316196

1316196

Created Date: 11/06/2013 09:00 AM

CLOSEOUT INFORMATION

Start: 11/06/2013 10:00 AM Finish: 11/06/2013 10:30 AM Completed: Y

Failure: YCONT Repair: YNFWN Further Action:_____

Comments: checked storm inlet in the rear of 5566 chesterview dr there was fresh paint someone has been dumping into inlet took pictures and called mike foster and jake vesco crew was on site they were going to call enviromental sheriff. the paint was contained to this storm inlet and at this time was not visiable at any other storm inlet down stream.

Inspected By: smith/hoffman Date: 06-NOV-13

Signoff By:_____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 08-NOV-13

SPECIFICATIONS

ID: 1316340 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
08:29 AM

Service Request No.
1316258

1316258

Created Date: 11/07/2013 01:45 AM

WORK LOCATION

Address: LIVINGSTON AVE E
Suite:
Cross Street: ALUM CREEK DR
City:
State:
Zip:
Service Request Type: INVESTIGATE
Problem Code: YSPILL - Non-water spill; chemical, fuel, etc.

Problem Description: 100 gallons of fuel was spilled on 70 E @ Livingston Ave. Rob (w/EPA) said for the crew to enter 70 E at the EXIT ramp from Alum Creek. The police have it blocked off.

Requested Date:
Crew: NAGD1
Dept: SEWERS
Area: 0062
Next Approver:
Dispatcher: SCOTT, MARCIA R
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 11/07/2013 03:30:40PM

CUSTOMER INFORMATION

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

REPORTED BY

Name: Rob
Call Back: N
Address: E.P.A.
Suite:
City:
State:
Zip:
Work Phone: (614) 348-7117
Ext:
Home Phone:

SERVICE REQUEST REPORT

22 JAN 2014
08:29 AM

Service Request No.
1316258

1316258

Created Date: 11/07/2013 01:45 AM

CLOSEOUT INFORMATION

Start: 11/07/2013 02:30 AM Finish: 11/07/2013 03:05 AM Completed: Y

Failure: YASSTAGNCY Repair: YCSPL Further Action:_____

Comments: EPA CALLED THIS IN TO SEE IF ANY FUEL WAS GETTING INTO OUR STORM SEWER. WHEN WE ARRIVED THERE WAS NO FUEL GETTING INTO THE STROM SEWER. EPA ALSO WAS CONTAINING THE SPILL THAT THEY WERE AWARE OF AT THE TIME, THEY WERE ALSO IN CHARGE OF THE CLEAN UP. J. BOWLING WENT BACK TO CHECK TO SEE IF ANY FUEL WAS IN WATERWAYS, HE NOTIFIED MYSELF AT8:56AM THAT FUEL HAD MADE IT TO ALUM CREEK FROM THE STORM OUTFALL 0062T0160. I NOTIFIED M. FOSTER AT 9:19 AM TO INFORM HIM OF THE FINDINGS, HE INFORMED ME THAT HE WOULD CALL STORM WATER.

Inspected By: NAGY, BOWLING Date: 07-NOV-13

Signoff By:_____ Date:_____

Closed By: RICHARDS, JEFFREY C Date: 11-NOV-13

SPECIFICATIONS

ID: 1316370 *Category:* DOSD WORK DAT *Type:* SPILL *Title:* SPILL DATA

Seq. No	*Attribute*	*Value*
5	SPILL AFFECTED AREA?	
10	CAUSE?	
15	CONTAINED Y	
20	STORMWATER NOTIFIED Y	
25	EPA ON SITE Y	
30	RECEIVING STRUCTURE #	
35	RECEIVING WATERWAY?	

SERVICE REQUEST REPORT

22 JAN 2014
10:18 AM

Service Request No.
1316420

1316420

Created Date: 11/11/2013 08:17 AM

WORK LOCATION

Address:1394 WESTPHAL AVE
Suite:
Cross Street:COLBY AVE
City: OWNER OF PROPERTY
State:
Zip:
Service Request TypeINVESTIGATE
Problem Code: YOTHP - Other problem not in codes.

Problem Description: DISHARGED SOAPY, SMELLY WATER IS COMMING FROM THIS HOUSE. THE NEIGHBOR SAYS HE HAS CONTACTED THE OWNER OF THIS PROPERTY SEVERAL TIMES AND NEVER GET A RESPONSE

Requested Date:
Crew :MYER2
Dept: SEWERS
Area:0191
Next Approver:
Dispatcher:WHITE, JANICE L
Call Back Ready: N
Status: CLOSED
Customer Call Back: N
WO/Task No:
Finished Date: 11/14/2013 09:17:40AM

CUSTOMER INFORMATION

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

REPORTED BY

Name: NACHMAN, JOSEPH
Call Back: N
Address:1418 WESTPHAL AVE
Suite:
City:
State:
Zip:
Work Phone: (614) 237-7321
Ext:
Home Phone:

Refer to 2013 Illicit Discharge Investigation 11/12/2013-1 William Hall

SERVICE REQUEST REPORT

22 JAN 2014
10:18 AM

Service Request No.
1316420

1316420

Created Date: 11/11/2013 08:17 AM

CLOSEOUT INFORMATION

Start: 11/11/2013 08:38 AM Finish: 11/11/2013 09:05 AM Completed: Y

Failure: YNCF Repair: _____ Further Action:YREQST

Comments: YOTHP-There was some discharge from the sump pump from 1394 Westphal. Forwarding this to stormwater to have the discharge tested. The 36 inch sewer was open and flowing when checked. Checked upstream manhole # S0246 and downstream manhole # S0245.

Inspected By: RMyers/RCobun Date: 11-NOV-13

Signoff By: _____ Date: _____

Closed By: RICHARDS, JEFFREY C Date: 18-NOV-13

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
1	Easton Gateway Costco	CC-16348	58
2	Snouffer Road Imps	3052-E	50
3	MSC on Georgesville Road	CC-16435	49.2
4	Easton Gateway	CC-16426	37.5
5	Africentric EC K-12	CC-16622	36.5
6	Redwood at Haydens Crossing	CC-16439	29
7	Franklin Heights High School	CC-16462	26
8	Franklin Heights High School, Phase 2	CC-16527	26
9	OSU North Residential	Grade & Fill	25
10	Albany Glen Phase 1	CC-16385	24
11	Joyce Avenue & 17th Phase 2	2768-E	21
12	Joyce Avenue Phase 3	2906-E	21
13	The Boulevard	CC-16614	18.5
14	Greenlawn Fire Station Demo	CC-16362	18
15	Hayden Run Boulevard Part 2	2302-E	17.6
16	Kipp School Phase 1	Grade & Fill	17
17	York Golf Club	Grade & Fill	16.6
18	Costco Wholesale	CC-16376	16.42
19	Polaris Expansion	CC-16502	15.5
20	Upper Albany West, Sect. 8, Pts 1 & 2	3044--E	13.5
21	Palmer House on the Boulevard	CC-16363	12.5
22	Clifton on the Boulevard	CC-16364	12.5
23	Polaris Grand	CC-16565	12.25
24	Avery Brooke Apts.	CC-16396	11.8
25	Bolton Crossing Elementary	CC-16593	11.4
26	Upper Albany West, Section 9	3087-E	11.2
27	Albany Moor	CC-16370	10.7
28	Kipp School Phase 1 ST	CC-16489	10.6
29	Eastglen Exchange on East Broad Street	Grade & Fill	10
30	Eastglen Exchange	CC-16552	10
31	Eastglen Exchange (small retail)	CC-16629	9.9
32	Eastglen Exchange (LA Fitness)	CC-16630	9.9
33	Eastglen Exchange (large retail)	CC-16632	9.9
34	Mirada Extended Stay	CC-16611	9.4
35	Amerisource Bergen Drug Company	CC-16600	9.3
36	Snouffer Road Apts AALC	CC-16478	9.2
37	Remington Woods	CC-16398	9
38	Square 1, Olentangy Plaza	CC-16452	9
39	Ravines @ Rocky Ridge	CC-16463	8.5
40	Jeffrey Park, Phase I	CC-16517	8.3
41	Cabela's (PL Extension)	CC-16553	8.3
42	Westerville Rd - FRA 3-24,47	2972-E	8
43	South James Road	2979-E	7.43
44	Reynolds Crossing Sect 2 Part 3	3062-E	7.35
45	Boehringer Coated Fabrics	CC-16424	7.2
46	Pines, The - Phase 3	CC-16411	6.4

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
47	Columbus Fire Station 2 & 3	CC-16429	6
48	Hayden Run Boulevard Part 2	CC-16498	5.5
49	Hidden Creek Landscaping	CC-16436	5.2
50	Villages at Albany Crossing, Sect. 9,Ph. 1&2	CC-16437	5.1
51	Otterbein Nursing & Rehab	CC-16449	5
52	Toyota West on Georgesville Road	CC-16490	5
53	Village at Haydens Crossing Section 10	cc-16531	5
54	Reserve at Walnut Creek	CC-16567	5
55	Village at Hilliard Run Sect 3	CC-16631	4.9
56	Columbus Museum of Art	CC-16504	4.8
57	Trabue Crossing	CC-16453	4.65
58	Victorian Village SI	2623-E	4.5
59	Northgate Hotel	CC-16523	4.4
60	Goodale Landing	CC-16457	4.34
61	Village @ Albany Crossing, Sect. 10	CC-16509	4.28
62	Prairie Township Comm Rec Ctr	CC-16525	4.2
63	Northpark IV	CC-16625	4
64	Morse Road TIF Imps.	3035-E	3.9
65	Sygma on McKinley	CC-16513	3.7
66	Grandview Yard	Grade & Fill	3.6
67	Columbus VOA	CC-16547	3.6
68	Holly Avenue Hotel	CC-16403	3.5
69	NCR-Milo Grogan, 5th Ave Imp (3529)	2369-E	3.5
70	Polaris Enclave Apartments	CC-16640	3.5
71	Allied Mineral Products	CC-16628	3.25
72	East Broad Street Commons	CC-16641	3.15
73	Double Z Construction	CC-16402	3.12
74	E. 11th Av Residential Redevelopment	CC-16356	3
75	Third & Olentangy	CC-16387	3
76	Driving Park Library (CML)	CC-16404	3
77	Sawmill/Hard Roads FRA	2351-E	3
78	Port Columbus Hotel	CC-16388	2.8
79	Value Place Hotel on Hutchinson	CC-16390	2.8
80	Hampton Inn - Olentangy River Road	CC-16407	2.7
81	Columbus Recs & Parks Hard Road	CC-16536	2.6
82	Southland Self Storage	CC-16341	2.5
83	Maryland Pool Imps	CC-16476	2.4
84	Darby Woods Elementary	CC-16377	2.3
85	View on Fifth	CC-16519	2.2
86	Timken Site (5th & Cleveland)	CC-16627	2.2
87	OSU Civic Structure	CC-16382	2.1
88	Stewart Elementary School	CC-16353	2
89	Stewart Avenue - GV Alley	3019-E	2
90	Roosters on Gemini	CC-16613	2
91	NRI Retail Center	CC-16620	2
92	VA 2 Kingsmill Ct	CC-16602	1.9

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
93	Carriage Lane Apartments	CC-16431	1.85
94	Orange Barrel Media Company	CC-16599	1.84
95	Eagle River at Bowery Brook SI	3041-E	1.8
96	Parsons and Livingston Retail	CC-16496	1.7
97	Avery Road SWI	3002-E	1.7
98	Speedway at Roberts Road	CC-16541	1.7
99	Monesi Properties	CC-16623	1.7
100	Wesley Glen Fenway Place	CC-16576	1.65
101	Gemini Place Town Center	CC-16464	1.6
102	UDF on Clime Road	CC-16467	1.6
103	Clime and Demorest SI	3058-E	1.6
104	Parsons Senior Housing	CC-16575	1.6
105	Family Dollar Store - Morse Road	CC-16582	1.6
106	Get Go #3539 West Third	CC-16608	1.55
107	New Market Mall Fairfield Inn	CC-16540	1.5
108	Whittier Street SWI	3069-E	1.5
109	Hudson Square II	CC-16367	1.45
110	Primrose School at Reynoldsburg	CC-16406	1.4
111	Polaris Towne Center	CC-16417	1.4
112	Giant Eagle on West 3rd	CC-16521	1.36
113	Compressed Natural Gas Facility	CC-16442	1.3
114	Villages at Albany Crossing, Sect. 9, Part 2	CC-16444	1.3
115	11th Avenue Pearl Street & Grant	3057-E	1.3
116	Safelite Autoglass - Farmers Drive	CC-16560	1.3
117	Rite Rug on N Hamilton	CC-16520	1.25
118	America's Floor Source	CC-16373	1.24
119	Jeffery Annex on 2nd St	CC-16515	1.2
120	Concord Square	CC-16425	1.14
121	Dollar Tree on South High Street	CC-16543	1.13
122	True North #606, Morse Road	CC-16477	1.1
123	COC Traffic Signal System	2953-E	1
124	Scioto Greenways	CC-16423	1
125	Scioto Greenways	3037-E	1
126	Olentangy River Road Multi-Use Trail1	3045-E	1
127	Olentangy River Road Multi-Use Trail2	3004-E	1
128	Front St., Marconi SI's	3024-E	1
129	Cleveland Ave. & Schrock SI (Fra.)	3053-E	1
130	Chatterton Road Improvement	3055-E	1
131	Lazelle Road SI	3023-E	1
132	FRA - Parsons Avenue SWI	3060-E	1
133	FRA-CRZ Gender & Refugee	3082-E	1
134	FRA - Scioto Trail/5th Avenue	3081-E	1
135	Sinclair Road SI	2913-E	1
136	North High Street (8754)	3097-E	1
137	Nationwide & North High Street	3091-E	1
138	Neil Avenue/12th Avenue Corridor	CC-16456	1

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
139	West Dublin Granville Road SI	3100-E	1
140	Moler Road Sidewalks	3067-E	1
141	Hubbard Ave & N. High Street	3009-E	1
142	Taylor Ave (prev.line 2128)	1944-E	1
143	Livingston Ave Streetscape	2996-E	1
144	Rich St. - Town St. Two Way Conversion	3011-E	1
145	Parsons Ave. @ Childrens Crossroad	3016-E	1
146	Fenway Ct. Pump St. CIP	CC-16349	1
147	Stella Ct. Pump St. CIP	CC-16350	1
148	Eighteenth St. Roadway Imps.	2954-E	1
149	Fifth, Ninth & Indianola SWI	3013-E	1
150	Bishop Hartley Northern Parking Lot	CC-16368	1
151	West North Broadway SI	3021-E	1
152	Sixth, Seventh & Indianola Ave. Imps	3014-E	1
153	Euclid, Eighth & Indianola Ave. Imps	3015-E	1
154	Livingston & Wager St. Imps	3020-E	1
155	Tech Center South Techneglas	2938-E	1
156	Castle Road Pump St.	CC-16381	1
157	Olentangy-Alum Creek Connector	3022-E	1
158	Cota Bus Shelters, Downtown-High St.	3027-E	1
159	Weinland Park Alleys and Waterline	3025-E	1
160	Driving Park Library	3028-E	1
161	Holly Avenue Curb & SWI	3030-E	1
162	Somersworth Dr. and Culvert Replace	3026-E	1
163	LeVeque Tower SI	3017-E	1
164	Preston Road Street Lighting	Power	1
165	Tim Hortons, Livingston - SI	3033-E	1
166	Sawmill Road (Walmart) SI	3034-E	1
167	Mudsock Trail Crossing	3029-E	1
168	Olentangy River Road SWI	3036-E	1
169	Columbus Coated Fabrics Phase 3A SWI	3031-E	1
170	Stelzer Road Widening	3038-E	1
171	Waltham Road (UA), Ph. 2 Roundabout	3032-E	1
172	ParsonsAve. (2250)	Grade & Fill	1
173	Ann, Jackson &17th Streets SWI	3042-E	1
174	High St. & Beechwold SWI	3040--E	1
175	Williams Road Pump St	CC-16447	1
176	Hudson St. Mock Rd. Bikeway Dev.	3018-E	1
177	Lazelle Road Driveway	3049-E	1
178	Ridge Street Improvements	3048-E	1
179	St. Frances Desales HS	CC-16497	1
180	Nationwide Boulevard SI	3054-E	1
181	Brice Road SI	3061-E	1
182	OSHP Academy Leadership Wing	CC-16503	1
183	Village at Bexley	G & F	1
184	Dublin Avenue Substation	CIP-DOP	1

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
185	Millay Alley SI	2966-E	1
186	Bethel Rd Ohio Center	CC-16516	1
187	Westwoods Blvd. SI	3064-E	1
188	View on Fifth SI	3065-E	1
189	Hard Road SI @ WKHS	3066-E	1
190	Stelzer Road @ Worth	3072-E	1
191	Roberts Road & Walcutt SI	3073-E	1
192	New Albany Plaza Parking	CC-16542	1
193	Godown Road SWI	3071-E	1
194	Kenny & Old Henderson SI	3075-E	1
195	Sunbury Road	3076-E	1
196	Van Buren Dr. (VOA) SI	3074-E	1
197	South High Street (250)	CC-16556	1
198	Grandview Yard - NRI Retail Center	Grade & Fill	1
199	Rich Street SWI	3079-E	1
200	FST CNG Station	CC-16578	1
201	Nationwide Boulevard & Hocking SI	3083-E	1
202	East Gay Street Normandy Avenue	3085-E	1
203	Solstice Parkway	3090-E	1
204	Sullivant Avenue Curb Extensions	3086-E	1
205	Hamilton Road W/S SWI	3092-E	1
206	Alum Creek Trunk Middle (Sanitary)	CC-16584	1
207	McCutcheon Road SWI	3088-E	1
208	Kipp School SI	3098-E	1
209	Alkire & Demorest Roundabout	3096-E	1
210	Rich Street-Town Street	3059-E	1
211	Gantz, Frank & N. Palmetto SI	FRA1-3-129	1
212	Davidson Collision Center	CC-16479	0.98
213	Norwich Flats	CC-16487	0.96
214	Family Dollar Store on Livingston Ave.	CC-16418	0.92
215	Dollar General at 1578 Parsons	CC-16374	0.9
216	The View on High	CC-16484	0.9
217	Dollar General on Refugee	CC-16532	0.9
218	True North Shell @ Tuttle Crossing	CC-16577	0.9
219	Olentangy River Portages	CC-16606	0.9
220	Wright-Patt Credit Union	CC-16643	0.9
221	Dollar General on Sullivant Avenue	CC-16469	0.86
222	Ronald McDonald House Expansion	CC-16480	0.85
223	White Castle on Hillard-Rome	CC- 16372	0.84
224	Family Dollar on Oakland Park Avenue	CC-16607	0.78
225	Medcare on Paragon Drive	CC-16514	0.75
226	Fire Station 17, West Broad Street	CC-16570	0.75
227	Lee's RV Storage on Scioto Darby	CC-16472	0.74
228	Columbus Retail on E. Broad	CC-16389	0.73
229	Computing Center Remediation	CC-16583	0.73
230	Aston Row Townhouses	CC-16357	0.7

City of Columbus
2013 Construction Section, SWP3 Plans Review List

#	Name of Project	Plan Number	Acres Disturbed
231	Donald Hughes @ 2230 Refugee	CC-16365	0.7
232	Davidson Collision Center	CC-16391	0.7
233	Gay Street Condos Section 3	CC-16548	0.7
234	COZMYK Enterprises, Courtright Road	CC-16580	0.7
235	King Avenue Development (1374)	CC-16635	0.7
236	Raising Canes - South Hamilton	CC-16419	0.67
237	Miracle Motor Mart on Morse Road	CC-16493	0.65
238	Lennox Town Plaza	CC-16642	0.63
239	Fire Station 31, Alkire Road	CC-16573	0.62
240	High California Retail on N. High	CC-16400	0.6
241	OSU Commissary Relocation	CC-16415	0.6
242	Buckeye Real Estate - 2472 Neil Ave.	CC-16420	0.6
243	True North #675 Polaris	CC-16486	0.6
244	Hawthorn Grove Apartments	CC-16529	0.6
245	Fire Station 26, Fisher Road	CC-16571	0.58
246	East Sixth Street (3048)	CC-16434	0.55
247	Fire Station 12 Sullivant Avenue	CC-16579	0.55
248	Smart Federal Credit Union North High	CC-16512	0.51
249	Fire Station 5, McNaughten Road	CC-16569	0.51
250	Tim Hortons on East Livingston	CC-16380	0.5
251	E North Broadway P.L. Addition	CC-16559	0.5
252	Taco Bell on Kenny Road	CC-16535	0.48
253	Heartland Petroleum, DCSC	CC-16466	0.45
254	Cristo Rex High School, East Town Street	CC-16588	0.45
255	PSC Metals, 1283 Joyce Ave.	CC-16421	0.43
256	Blue Whale Conv. Store (Cleveland Ave.)	CC-16430	0.43
257	Joseph Parking Garage Russell Street	CC-16511	0.43
258	Fire Station 30, Fishinger Boulevard	CC-16572	0.43
259	McKinley Ave. Warehouse	CC-16351	0.4
260	Wright Properties Ltd on Holtzman	CC-16495	0.4
261	Blue Wave Carwash on Rome Hilliard Rd.	CC-16501	0.4
262	Rite Rug Flooring on Business Park	CC-16594	0.4
263	Fire Station 24 Morse Road	CC-16568	0.34
264	Davis Middle School, Sutter Parkway	CC-16585	0.32
265	Custom Sign Center Valleyview	CC-16590	0.3
266	Fine Line Auto body on Olentangy River Road	CC-16526	0.25
267	Columbus State Union Hall Renovations	CC-16510	0.22
268	Westgate Recreation Center Renovation	CC-16460	0.2
269	Duranceau Park Culvert Replacement	CC-16494	0.2
270	The Burwell on East 4th	CC-16470	0.1

270 Plans Reviewed **Acres Disturbed (Potential)** **1118.29**

2013 SWP3 Construction Site Inspection

Site Inspections Include: Storm Sewers (Private, Public and CIP's), Sanitary Sewers (CIP's and Stream Crossings), Complaints, Grade and Fill Sites

#	Project Name	Watershed	Plan Number	Site Visits 2013
1	1213 E Whittier Street Demoliton	AC	Demolition	5
2	1715 E Long Street	AC	Complaint	1
3	2100 Alum Creek Dr/ Remediation Plan	AC	CC-16200	4
4	2170, 2116-2180 Alum Creek Drive	AC	Complaint	1
5	2228 Alum Creek Drive	AC	No Plan	5
6	2228 Alum Creek Drive SI	AC	2981-E	6
7	2228 Alum Creek Drive Storm Plan	AC	CC-16121	6
8	2230 Refugee Rd	AC	CC-16365	5
9	2243-2277 Refugee Rd	AC	CC-16248	5
10	2265 Refugee Rd - Grade & Fill	AC	Grade&Fill	3
11	4400 North High St. Bldg. A	AC	CC-15751	11
12	480 Lazelle Rd.	AC	CC-15237	11
13	801 Polaris	AC	CC-16295	12
14	Alta View Village	AC	2180-E	11
15	Alum Creek Dr	AC	Complaint	1
16	American Addition	AC	2964-E	19
17	Antares Extension	AC	2925-E	13
18	Antares Stream Mitigation	AC	CC-16080	24
19	Arledge Construction	AC	CC-16068	3
20	Arterial Street Rehab Alum Creek Dr Ph-B	AC	FRA C.R 122-4.15	10
21	Arterial Street Rehab Alum Creek Dr Ph-B	AC	Grade&Fill	3
22	Avenue @ Polaris	AC	CC-15843	12
23	Bishop Hartley HS - 1285 Zettler Rd	AC	CC-16368	6
24	Blue Whale Store	AC	CC-16430	2
25	Building 10K	AC	CC-16287	21
26	Cabela's	AC	CC-16133	7
27	Commons @ Livingston 2	AC	CC-16235	13
28	Complaint (Lane & High)	AC	2180-E(Complaint)	1
29	Davidson Collision Center	AC	CC-16391	4
30	Davidson Collision Center	AC	CC-16479	6
31	Dollar General on Refugee Rd	AC	CC-16532	3
32	East 25th Ave & Joyce	AC	CC-15610	15
33	Elim Manor Sec 8	AC	CC-15701	6
34	E-Net	AC	CC-16069	21
35	Family Dollar on Livingston	AC	CC-16418	1
36	Fill Site - Arterial Street Rehab	AC	Grade&Fill	7
37	Gemini Place Outlot III	AC	CC-16464	4
38	Germain Infinity	AC	Mass Exc.	21
39	Goo Goo Car Wash	AC	CC-15967	3
40	Hudson & Joyce Storm Sewer	AC	2630-E	20
41	Innis Ave	AC	Complaint	1
42	Jewish Community Center (JCC)	AC	CC-16330	14

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#	Project Name	Watershed	Plan Number	Site Visits 2013
43	Karl Rd. Imp.	AC	2526-E	10
44	KIPP School	AC	CC-16489	7
45	Lazelle Rd SI	AC	2836-E	1
46	Lazelle Rd SI	AC	3836-E	11
47	Livingston Av & Lockbourne Rd Int. Imp	AC	2541-E	6
48	McDonald's on Community Park Dr.	AC	CC-16324	8
49	Micro Hand Surgery	AC	CC-15892	4
50	Miracle Motor Mart	AC	CC-16493	2
51	Morse and Sunbury Rd. RLC	AC	2973-E	1
52	Morse Rd and Westerville Rd Imp	AC	2980-E	15
53	Morse Rd. CNG Facility	AC	CC-16442	8
54	North Linden Health Center	AC	CC-15371	11
55	North Park Ph. 1&2	AC	CC-16321	12
56	Ohio Soils Recycling- S. Expansion Proj.	AC	No Plan	2
57	Omni Columbus One	AC	CC-16163	9
58	Photos @ Private Lot at Petzinger Rd	AC	Complaint	1
59	Polaris Amphitheater	AC	No Plan	5
60	Polaris West	AC	CC-14467	6
61	PolarisTowne Center	AC	CC-16417	5
62	Residence Inn by Marriot	AC	CC-16316	13
63	Spangler Road Condos	AC	CC-14204	1
64	Spring Hill Missionary Baptist Church	AC	CC-13647	15
65	St Charles W Campus	AC	CC-16108	7
66	Sunbury Hotel	AC	CC-16016	12
67	Taco Bell - 2111 E Livingston Ave	AC	CC-16058	6
68	Tim Horton's/ Demo - 505 E Livingston Ave	AC	CC-16059	6
69	Tracking: Demo lots	AC	Complaint	1
70	Tracking: Demo Lots Near Mooberry St	AC	Complaint	1
71	Traditions at Worthington Woods	AC	CC-14579	13
72	Village @ Courtright Sq.	AC	CC-13438	11
73	Village at Bexley	AC	CC-12155	4
74	Village at Bexley - Roof Drain Work	AC	Grade&Fill	1
75	Village at Polaris Green	AC	CC-13699	3
76	Village at Stone Cliff	AC	2051-E	9
77	Village at Stone Cliff Sec. 1, P. 1 & 2	AC	CC-13890	2
78	Village at Stone Cliff Sec. 2, P. 1, 2 & 3	AC	CC-14240	3
79	Villages @ Alum Creek SEC. 1	AC	4430-D	9
80	Villages @ Alum Creek SEC. 2	AC	4448-D	9
81	Windsor Ave. Fill Site	AC	Grade&Fill	1
82	Wright Properties on Holtzman	AC	CC-16495	2
83	Clover Groff Stream Restoration 2	BD	CC-15765	4
84	Cypress Wesleyan Church	BD	CC-16317	6

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#	Project Name	Watershed	Plan Number	Site Visits 2013
85	Fire Station 31 Alkire Rd.	BD	CC-16573	1
86	Great Oaks 1	BD	4451-D	12
87	Village at Hilliard Run 1	BD	CC-14180	12
88	Village at Hilliard Run 2	BD	CC-15915	12
89	4755 South High St - Olen Corp	BL	No Plan	1
90	6400 E Broad St - Office Redevelopment	BL	CC-16161	5
91	Abbie Cove Apartments	BL	CC-15831	9
92	Abbie Trails Drive	BL	2992-E	3
93	Alliance Data - Amercana Pkwy	BL	CC-16222	8
94	Arbors at Turnberry	BL	CC-15796	4
95	Bedford Place	BL	CC-14694	2
96	Blacklick Creek Stream Restoration	BL	CC-16245	1
97	Blacklick Crk GBP Rec Trl Ph 10	BL	2704-E	1
98	Blacklick Crk Greenway Trail	BL	CC-15666	1
99	Brice Road @ Primrose School	BL	Complaint	1
100	Broad St Villas	BL	CC-14789	1
101	Cedar Run, Sec. 1	BL	4425-D	8
102	Cedar Run, Sec. 4	BL	4462-D	8
103	Cedar Run, Sect. 2	BL	4449-D	8
104	Cedar Run, Sect. 3	BL	4461-D	8
105	Cobbleton Grove Condos	BL	CC-14774	4
106	Columbus Corp Center	BL	Grade&Fill	1
107	Coumbus Retail	BL	CC-16389	5
108	Creekstone Sec. 2 PT. 3	BL	4347-D	2
109	Daifuku Am Corp	BL	CC-16086	11
110	Dorchester Green Condos	BL	CC-13385	8
111	Dorchester, Sec. 3	BL	4454-D	9
112	Dorchester, Sect. 2	BL	4452-D	9
113	Dorothy's Pond	BL	CC-13037	1
114	Eastglen Exchange on E Broad	BL	Grade&Fill	1
115	Grand Reserve @ Reynolds C.	BL	CC-14482	2
116	Grand Reserve @ Reynolds C. Ph1	BL	CC-14522	12
117	Hines Rd DOW Storage Tank	BL	CC-15901	9
118	Lakes @ Taylor Station Sec 6 Pt, 1&2	BL	CC-16337	9
119	Lakes @ Taylor Station Sect. 4 Pts 1-3	BL	CC-15593	9
120	Lakes @ Taylor Station Sect. 5	BL	CC-16114	9
121	Lakes @ Taylor Station, Sec. 3	BL	CC-15097	9
122	Meadows @ Shannon Lakes Sec 1	BL	4415-D	8
123	Meadows @ Shannon Lakes Sec 2, 3	BL	4437-D	8
124	Menard's	BL	CC-15935	1
125	Menard's Brice Rd & E Broad St Street Impr	BL	2867-E	1
126	NTB	BL	CC-16131	5

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#	Project Name	Watershed	Plan Number	Site Visits 2013
127	Primrose School	BL	CC-16406	4
128	Raising Canes 6511 E Broad St	BL	CC-16183	2
129	Refugee Rd 54" (60") Storm	BL	CC-15377	4
130	Reynolds Crossing SEC 2, Part 3	BL	3062-E	2
131	Reynolds Crossing SEC 2, Parts 1 &2	BL	2866-E	13
132	Reynolds Crossing, Sect. 1-1 & 1-2	BL	2103-E	11
133	Stonehill, Sec. 1, Pts 1-3	BL	1961-E	10
134	Town Square Villages @ Shannon Road	BL	CC-13192	5
135	Turnberry Sec 2	BL	3847-D	4
136	Turnberry Sec 7	BL	4400-D	4
137	V. Abbie Trails Sec 1	BL	4385-D	9
138	V. Abbie Trails Sec 2	BL	4404-D	9
139	V. Abbie Trails Sec 3	BL	2130-E	10
140	V. Abbie Trails Sec 4	BL	CC-16268	1
141	Village @ Reynolds Crossing Sec 1	BL	CC-13941	11
142	Waggoner Chase, Sec. 2	BL	4253-D	7
143	Waggoner Trace, Sec. 1	BL	4455-D	6
144	Waggoner Trace, Sec. 2, Pt 1&2	BL	4460-D	8
145	Waggoner Trace, Sec. 2, Pt 1&2	BL	4460-D(Complaint)	1
146	2225 Spiegel Dr - Boarshead Maint Addtn	BW	CC-15963	2
147	4575 E Fifth Ave	BW	Grade&Fill	2
148	4600 International Gateway	BW	Demolition	7
149	4600 International Gateway - Hotel	BW	CC-16318	3
150	6320 Tussing Road - Taco Bell	BW	CC-16147	11
151	Albany Moor	BW	CC-16370	7
152	Amberfield @ Big Walnut SEC 2	BW	4436-D	3
153	Amberfield at Big Walnut SEC 1	BW	4396-D	3
154	America's Floors	BW	CC-16373	8
155	Asherton Grove	BW	CC-15231	20
156	Bridgeway Ave Regional Basin	BW	CC-15878	2
157	Bridgeway Ave.	BW	2850/51-E	3
158	Carnegie Cove/ Eastwood Villas Ret. Basin	BW	CC-13665	7
159	Chelsea Sq. West	BW	CC-16230	20
160	Christ Cathedral Church	BW	CC-15660	7
161	Columbus Fire Station #5	BW	CC-16569	2
162	Costco Wholesale	BW	CC-16376	14
163	CRAA Port Columbus - Mass Excav	BW	CC-15964	9
164	Dublin-Granvill at Maple Canion RLC	BW	2915-E	1
165	E Livingston Over Big Walnut	BW	FRA-CR15-7.56	2
166	East Landings Sect 1 Parts 1&2	BW	2022-E	10
167	Easton Gateway Costco	BW	CC-16348	16
168	Easton Gateway Development	BW	CC-16426	14

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#	Project Name	Watershed	Plan Number	Site Visits 2013
169	Eastwood Villas Condos	BW	CC-13747	7
170	Fairfield Inn - 4300 International Gateway	BW	CC-16388	4
171	Family Dollar - 3475 S Hamilton Rd	BW	CC-16294	1
172	Gates of McNaughten	BW	4421-D	2
173	Gramercy Garage	BW	CC-16084	11
174	Hamilton Pointe	BW	CC-15545	3
175	Hamilton Rd Senior Housing	BW	CC-16243	21
176	HAP Cremean Lagoon 3	BW	Grade&Fill	19
177	HAP Cremean Water Plant Drainage Imp	BW	CC-16261	21
178	Heartland Petroleum	BW	CC-16466	1
179	Hotel Demo - Adjacent to 4240 Int. Gtwy.	BW	Demolition	4
180	Idlewild Dr. Storm Imprv	BW	CC-13366	3
181	James Rd Imps	BW	2849-E	7
182	Johnstown Rd and Stelzer Rd Imp	BW	2908-E	2
183	Lakes @ Taylor Station Sec 1	BW	CC-14276	9
184	Laurel Cannon Church	BW	CC-15977	2
185	Liberty Elem School	BW	CC-15877	10
186	Masjid Oumar Al-Foutiyou, 4561 Refugee Rd	BW	CC-15475	9
187	MCE Chiller Bldg	BW	CC-16093	3
188	McNaughten Rd SI	BW	2864-E	8
189	McNaughton Rd & Billington Dr SI	BW	2939-E	8
190	Morse Rd. Eco-Station	BW	CC-15762	21
191	N 6th St, Miller Pipeline & Columbia Gas	BW	Complaint	2
192	N James Rd Imps	BW	2922-E	5
193	New Albany Apartments	BW	CC-16029	18
194	New Albany Plaza Parking	BW	CC-16542	1
195	Noe-Bixby & Chatterton Intersection Imp	BW	2904-E	3
196	Olde Orchard Elem	BW	CC-15854	9
197	Olde Orchard Rd SI	BW	2833-E	2
198	Olde Orchard Rd SI	BW	2883-E	1
199	Pet Suites	BW	CC-16250	20
200	Port Columbus - Welcome Zone	BW	CC-15964	7
201	Port Columbus Runway Replacement	BW	CC-15848	10
202	Preserve @ Winchester Crossing	BW	CC-13582	6
203	Prince of Peace Lutheran Church	BW	CC-16110	8
204	Raising Canes - S Hamilton Rd	BW	CC-16419	6
205	Ravines at Broadview	BW	CC-13550	21
206	Ravines of McNaughten PH 3	BW	CC-13589	3
207	Refugee Rd SWI	BW	3055-E	1
208	Refugee SI - Resurfacing Project	BW	1701-A	2
209	Reserve at McNaughten	BW	4453-D(Complaint)	1
210	Reserve at McNaughten	BW	4453-D	9

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#	Project Name	Watershed	Plan Number	Site Visits 2013
211	Reserve at Walnut Creek	BW	CC-16567	2
212	Rickenbacker Pkwy Ph 2B	BW	2831-E	5
213	Shook Rd PH 1	BW	2582-E	1
214	Steltzer Rd. & McCutcheon Rd.	BW	Complaint	1
215	Stygler Rd. Imp.	BW	2921-E	10
216	Towne Park Sec. 1	BW	CC-14269	22
217	Towne Park Sec. 3	BW	CC-15586	22
218	Transmission Shop on Refugee	BW	CC-15686	10
219	Turkey Run Detention at Port Columbus	BW	CC-15837	9
220	Upper Albany West Sec 2	BW	2205-E	8
221	Upper Albany West Sec 3	BW	2290-E	8
222	Village at Albany Crossing Sec. 7	BW	CC-15904	21
223	Village at Albany Crossing Sec. 8	BW	CC-16130	21
224	Village at Albany Crossing Sec. 9 Pt. 1	BW	CC-16437	9
225	Village at Albany Crossing Sec. 9 Pt. 2	BW	CC-16444	9
226	VSP - 2605 Rohr Rd	BW	CC-16208	4
227	Walnut Creek Center	BW	CC-14091	1
228	Walnut Creek Center South	BW	CC-15253	1
229	Warner Rd.	BW	2765-E	16
230	Warner Rd.	BW	CC-16112	4
231	Whitney Woods Subdivision	BW	1984-E	4
232	Ashbrook Run Ph. 1-3	LW	CC-15286	6
233	Ashbrook Run Ph. 4	LW	CC-15825	6
234	Chatterton Villas/ Commons	LW	CC-12851	3
235	Chelsea Glen Commercial	LW	CC-14626	1
236	Chelsea Glen SI	LW	2852-E	8
237	Family Dollar	LW	CC-16226	6
238	Gender Rd Office Pk & Approach/ SI	LW	2248-E	1
239	Glen at Schirm Farms PH 1-5	LW	CC-13531	9
240	Lehman Estates, Section 1	LW	4097-D	4
241	Lehman Estates, Section 5	LW	4417-D	9
242	Lehman Meadows	LW	2222-E	9
243	Meadows @ Winch., Sect 6	LW	4206-D	6
244	Meadows @ Winch., Sect 7	LW	4219-D	6
245	Meadows @ Winch., Sect 8	LW	4238-D	1
246	Meadows @ Winch., Sect 9	LW	4239-D	1
247	Private Drives at Winchester/Gender	LW	CC-16176	10
248	Trails at Chatterton East, Section 1	LW	2216-E	10
249	White Ash Part 1	LW	4352-D	2
250	Whiteoak Multifamily Dev	LW	CC-13224	8
251	Whiteoak Multifamily Dev SEC 2	LW	CC-16012	8
252	Winchester Village Apartments	LW	CC-16326	6

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#	Project Name	Watershed	Plan Number	Site Visits 2013
253	Mercer Sq. Ph.-2	OL	CC-15692	1
254	11Th. Ave. Alleys & Waterline	OL	3025-E	1
255	19 th Hole	OL	CC-16267	8
256	2472 Neil Ave.	OL	CC-16420	2
257	2nd & Perry	OL	Complaint	1
258	36 E. Norwich	OL	CC-16166	8
259	3M Demo 4Th. St. & 6Th. Ave.	OL	Demolition	11
260	5th Avenue Dam Removal	OL	CC-15943	11
261	7688 Rowles Dr. (Compass Homes)	OL	2000-E	3
262	AEP Substation	OL	No Plan	4
263	Aston Row Townhouses	OL	CC-16357	2
264	Benchmark Apts.	OL	CC-16052	8
265	Bethel United Presb. Church	OL	CC-16070	8
266	Bethel United Presb. Church	OL	CC-16215	8
267	CBEC Bldg.	OL	CC-16102	12
268	Chesapeake Park Apartments	OL	CC-16225	12
269	College Rd. & 11th. Ave. SI	OL	2861-E	7
270	Columbus Coated Fabric	OL	Grade&Fill	11
271	Complaint (Olentangy & Henderson)	OL	Complaint	1
272	Concord Square Apts.	OL	CC-16425	4
273	Euclid, Eighth & Indianola Ave. Imp.	OL	3015-E	2
274	Fifth Third Bank	OL	CC-16132	6
275	Fifth, Ninth & Indianola Ave. Imp.	OL	3013-E	2
276	Fireproof Building	OL	CC-16241	2
277	First Ave. inflow Redirect	OL	CC-16002	4
278	Francisco Glen	OL	2299-E	9
279	Freeway Business Park	OL	CC-16276	5
280	Get Go #3539 West Third	OL	CC-16608	1
281	Giant Eagle on 3rd Ave.	OL	CC-16150	9
282	Giant Eagle on 3rd Ave.	OL	CC-16521	3
283	Goodale Urban Multi-Family	OL	CC-16044	12
284	Grandview Yard - NRI Retail Center	OL	Grade&Fill	1
285	Hale Hall Geo Therm. Drilling	OL	2949-E	2
286	Hale Hall Geo Therm. Drilling	OL	No Plan	3
287	Haley Hollow	OL	4393-D	9
288	Hampton Inn on Olentangy	OL	CC-16407	4
289	Hard Rd. Park	OL	CC-16056	1
290	Hard Rd. Park / Site Compliance	OL	No Plan	1
291	Harrison Park	OL	2124-E	4
292	Henderson Rd. Development	OL	CC-16143	7
293	High / Cal Retail Center	OL	CC-16400	3
294	Holly Avenue Hotel	OL	CC-16403	4

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2013 SWP3 Construction Site Inspection

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#	Project Name	Watershed	Plan Number	Site Visits 2013
295	Hollywood Casino Grade & Fill	OL	CC-15707	9
296	Joseph Hotel	OL	No Plan	3
297	Joseph Parking Garage / Office	OL	CC-16511	3
298	JP Morgan Chase	OL	Complaint	1
299	Kempton Run	OL	4444-D	9
300	Kinnear Road Redevelopment	OL	CC-16027	7
301	Knights Bridge Medical Office	OL	CC-16283	10
302	Kroger on Chambers	OL	CC-16284	11
303	Liberty Crossing	OL	Grade&Fill	3
304	Lindsey Woods(New Bury)	OL	2017-E	9
305	Lindsy Woods(Romanelli & Hughes)	OL	2017-E	7
306	Linworth Woods	OL	4370-D	9
307	McAllister Crossing	OL	2239-E	9
308	McCullough's Tree Service	OL	CC-16185	5
309	Millay Alley	OL	CC-16160	3
310	Milo-Grogan Rec. Center	OL	CC-16165	19
311	N. 4Th. & E. 8Th.	OL	CC-16088	25
312	N. 4Th. & E. 8Th. E	OL	2917-E	9
313	N. High St / Westview SI. (COTA)	OL	2950-E	5
314	N. High St. & Dunedin Rd. (Complaint)	OL	Complaint	1
315	N. High St. Layover (COTA)	OL	Complaint	1
316	N. High St. Layover (COTA)	OL	CC-16157	5
317	N. High St. SI.	OL	2805-E	10
318	Nationwide Blvd.	OL	CC-16323	5
319	New Market Mall	OL	CC-15921	10
320	New Market Mall Fairfield Inn	OL	CC-19540	3
321	Northgate Hotel	OL	CC-16523	3
322	Northwood & High (Complaint)	OL	Complaint	1
323	Norwich Flats	OL	CC-16487	3
324	Ohio School (Blind)/Bovis	OL	CC-15565	9
325	Ohio School (Blind)/Igel	OL	CC-15565	9
326	Ohio School (Deaf)/Bovis	OL	CC-15563	9
327	Ohio School (Deaf)/Igel	OL	CC-15563	9
328	Old Stone Crossing Sec. 2	OL	2000-E	1
329	Old Stone Crossing Sec.-1	OL	4434-D	6
330	Old Stone Crossing Sec.-3	OL	2750-E	6
331	OSU 18 Th. Ave.	OL	CC-16167	11
332	OSU Basketball Practice Facility	OL	CC-15712	4
333	OSU Chilled Water Plant	OL	2949-E	3
334	OSU Chilled Water Plant (Storm)	OL	CC-16159	15
335	OSU Civic Structure	OL	CC-16382	1
336	OSU North Residental	OL	Grade&Fill	2

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2013 SWP3 Construction Site Inspection

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#	Project Name	Watershed	Plan Number	Site Visits 2013
337	OSU Woodruff & Tuttle SI	OL	CC-15880	3
338	Out of the Closet Thrift Store	OL	CC-16259	12
339	Ravines at Flint Park	OL	CC-14787	15
340	Remington Woods	OL	CC-16398	5
341	Residence at Liberty Crossing	OL	CC-16072	6
342	Riverside Mass.Exc.	OL	CC-16149	10
343	Riverside Methodist Hosp. Early Site	OL	CC-16099	10
344	Riverside Neuroscience Institute	OL	CC-16333	6
345	Riverview Drive Imp.	OL	1769-E	8
346	Sixth,Seventh & Indianola Ave. Imp.	OL	3014-E	2
347	Smith & Steeb S. High Rise	OL	CC-15784	7
348	Snouffer Rd. Imps.	OL	3052-E	1
349	Snouffer Road Atps AALC	OL	CC-16478	3
350	South High Rise (OSU)	OL	CC-15955	7
351	South High Rise Tower Renovations	OL	CC-15721	7
352	South Oval Geo Therm. Drilling	OL	No Plan	7
353	Square 1 Olentangy Plaza	OL	CC-16452	3
354	SR 161 SI	OL	2967-E	8
355	Taco Bell	OL	CC-16535	1
356	Third and Olentangy	OL	CC-16387	6
357	Third Ave.	OL	CC-16172	9
358	Traditions at High Bluff	OL	CC-14167	10
359	Tree Clearing / Old State Rd.	OL	No Plan	1
360	Tribeca	OL	CC-16074	4
361	Twelfth Ave. Imp.	OL	CC-16092	3
362	Value Place Hotel on Hutchinson	OL	CC-16390	9
363	View on High	OL	CC-16484	3
364	Village at Olentangy Meadows	OL	CC-13756	10
365	Village at Olentangy Meadows 4	OL	4457-D	10
366	Village at Olentangy Meadows-2	OL	4441-D	11
367	Village at Olentangy Meadows-South	OL	4443-D	11
368	Village at the Bluffs	OL	CC-14116	9
369	Waffle House	OL	No Plan	3
370	Wesley Glen/Fenway	OL	CC-16579	1
371	Westbury Park	OL	CC-16223	8
372	York Golf Club	OL	Grade&Fill	8
373	Albany Crossing Sec. 5	RF	CC-15285	1
374	Albany Glen Ph. 1	RF	CC-16385	11
375	Albany Reserve Condos	RF	CC-14036	20
376	Albany Station Condos	RF	CC-14017	2
377	Chelsea Square	RF	CC-15889	12
378	Clifton on the Boulevard	RF	CC-16364	18

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#	Project Name	Watershed	Plan Number	Site Visits 2013
379	Clivedon Rd & North Gate SI	RF	2965-E	1
380	Cornerstone Academy	RF	CC-16128	15
381	CVS - Warner Rd.	RF	CC-15727	2
382	Glenabby Condos	RF	CC-13763	20
383	Hamilton Rd. south of Warner Rd.	RF	Complaint	1
384	Hudson Square ll	RF	CC-16367	7
385	Otterbein Nursing & Rehab	RF	CC-16449	13
386	Overland Park/Hudson Square	RF	CC-16073	19
387	Palmer House on the Boulevard	RF	CC-16363	18
388	Preserve Crossing Condos Ph. 4	RF	CC-14769	19
389	Preserve Crossing Ph. 2 & 3	RF	CC-14101	23
390	Reserve at Preston Woods	RF	CC-14308	19
391	Reserve at Rocky Fork	RF	CC-16463	1
392	Rite Rug	RF	CC-16520	6
393	Southland Self Storage	RF	CC-15566	2
394	Southland Self Storage	RF	CC-16341	12
395	Townes of West Albany	RF	CC-14253	3
396	Traditions at Rocky Fork	RF	CC-14108	20
397	Upper Albany West Sec 1	RF	2058-E	5
398	Upper Albany West Sec 5	RF	2754-E	18
399	Upper Albany West Sec 6, Ph 1 & 2.	RF	2832-E	21
400	Upper Albany West Sec 7	RF	2993-E	17
401	Upper Albany West Sec. 8	RF	3044-E	14
402	Village at Albany Crossing Sec. 3	RF	CC-14267	21
403	Village at Albany Crossing Sec. 6	RF	2813-E	21
404	Village at Preserve Crossing Ph. 4 Part 2	RF	CC-16192	19
405	Villas at Sugar Run Ph. 1	RF	CC-14874	21
406	Villas at Sugar Run Ph. 2	RF	CC-15389	21
407	Villas at West Albany	RF	CC-14665	21
408	Willows at Preserve Crossing Sec 1	RF	CC-13445(Complaint)	1
409	Willows at Preserve Crossing Sec 1	RF	CC-13445	23
410	Willows Crossing	RF	CC-15973	23
411	(AEP) 3rd & Gay St.	SC	Complaint	1
412	3039 Fairwood Av - Columbia Gas (Tracking)	SC	Complaint	2
413	425 Nationwide Blvd.	SC	CC-16051	4
414	497 & 499 Morrill - Demolition	SC	Demolition	2
415	4th & Barthman - NRP	SC	Complaint	1
416	940-950 E Broad ST (Parking Lot)	SC	CC-16193	4
417	976 Marion Av Complaint (*K&S Energy for Col	SC	Complaint	2
418	A Y Manufacturing LYD	SC	CC-16220	4
419	Ahlum & Arbor Tree Preservation	SC	CC-15786	5
420	Alkire / Holt Intersection	SC	1958-E	5

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#	Project Name	Watershed	Plan Number	Site Visits 2013
421	Alkire Run 1	SC	4426-D	10
422	Alkire Run 2	SC	4463-D	10
423	Alkire Run Pumping Complaint	SC	Complaint	1
424	Alkire Woods	SC	CC-13950	9
425	Allied Mineral	SC	CC-16320	7
426	Alum Crest/Clearbrook School	SC	CC-16033	10
427	Arena West Private Drive	SC	CC-16134	1
428	Ashton Point	SC	4412-E	11
429	Auto Care Center	SC	CC-14472	4
430	Auto Max	SC	CC-16201	5
431	Avery Place	SC	CC-13876	10
432	Bartfield SI	SC	2819-E	10
433	Big Run Ridge 1	SC	4427-D	11
434	Big Run Ridge 2	SC	4435-D	11
435	BIR, Chilled Water SU	SC	CC-16144	8
436	BLDG ADDTN COMPLAINT	SC	Complaint	1
437	Bldg Addtn Complaint - 3158 E Broad St	SC	Complaint	1
438	Blue Wave Carwash on Rome-Hilliard	SC	CC-16501	5
439	Bobby Layman Chevrolet	SC	CC-16204	4
440	Boehringer Ingelheim Parking Lot Imp.	SC	CC-16424	9
441	Born Brewery Building	SC	CC-16078	1
442	Brittany Place 1	SC	CC-14382	9
443	Brittany Place Sect. 2	SC	CC-15336	11
444	Brookfield Village Apts.	SC	CC-16101	6
445	Building Renovation at Blackburn Park	SC	Complaint	3
446	Bulen Av Storm Impr	SC	CC-15584	8
447	Byers Mazda Subaru	SC	CC-16236	5
448	Campbell Oil	SC	CC-15980	3
449	Carriage Lane Apts.	SC	CC-16431	4
450	Cedarwood Elem School	SC	CC-15804	10
451	Certified Oil Co. Frank Rd	SC	CC-16189	4
452	Children's Crossroad	SC	3016-E	1
453	CHN Inglewood Ct.	SC	CC-15995	6
454	CMHA Franklin Station	SC	CC-16007	10
455	Columbia Gas Offices	SC	CC-16315	9
456	Columbus Commons Mixed Use	SC	CC-16238	9
457	Columbus Fire Station No. 2	SC	CC-16429	5
458	Columbus Maennerchor	SC	CC-16217	4
459	Complaint (Clime & Demorest)	SC	1697-E(Complaint)	1
460	Complaint 3622 Inverary Dr. (Water)	SC	3008-E(Complaint)	1
461	Compost Diversion Swale	SC	CIP	4
462	COTA McKinley Ave	SC	CC-16209	6

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#	Project Name	Watershed	Plan Number	Site Visits 2013
463	CPD Property Facility	SC	CC-15894	7
464	CSCC Union Hall Renovations	SC	CC-15987	9
465	Dollar General - 1403 E Main St	SC	CC-16214	6
466	Dollar General - 1578 Parsons Av	SC	CC-16374	5
467	Dollar General - Main St & McCallister Av SI	SC	2987-E	6
468	Dollar General on Sullivant	SC	CC-16469	3
469	Double Z Construction	SC	CC-16402	2
470	Driving Park Library	SC	CC-16404	3
471	Driving Park Library (Demolition)	SC	Demolition	3
472	Dublin Road Water Plant	SC	CC-16258	10
473	Duranceau Park Culvert Replacement	SC	CC-16494	4
474	E Livingston AV SI	SC	3033-E	2
475	Eagle River/Bowery Brook Dr.	SC	3041-E	5
476	Easy Pay Auto Sales	SC	CC-15460	4
477	Fairwood Av Impr North of Watkins Rd	SC	2552-E	9
478	Fairwood Av Impr South of Watkins Rd	SC	CC-15810	7
479	Fire Station 17 W. Broad St.	SC	CC-16570	3
480	Fire Station 26 Fisher Rd.	SC	CC-16571	3
481	Fisher Road Booster Station	SC	CC-15560	4
482	Fisher Road Gravel Lot	SC	CC-15363	8
483	Flats II	SC	CC-16285	9
484	Fort Hayes Implementation	SC	CC-16047	4
485	Franklin Heights High School Ph. 1	SC	CC-16462	4
486	Franklin Heights High School Phase 2	SC	CC-16527	4
487	Frendship Villas of Dublin	SC	CC-15735	10
488	Fulton/Mound/Noble CS Rehab	SC	CC-15613	9
489	Galloway Ridge 8	SC	4391-D	9
490	Georgesville @ Clime	SC	2989-E	3
491	Germain Ford	SC	CC-16201	7
492	Germain Ford	SC	CC-16210	3
493	Goodale Landing	SC	CC-16457	2
494	Grandview Grade & Fill	SC	Grade&Fill	12
495	Greenlawn Ave. CIP	SC	CC-15764	1
496	Hartman Ponds 1	SC	4424-D	9
497	Hartman Ponds 2	SC	2291-E	9
498	Hartman Ponds SEC 1&2	SC	4429-D	4
499	Hayden Crossing Sec.- 2	SC	CC-13529	1
500	Hayden Crossing Sec. 3	SC	CC-13926	6
501	Hayden Crossing Sec. 4	SC	CC-14271	6
502	Hayden Crossing Sec.- 5 Pt.-3	SC	CC-14208	10
503	Hayden Crossing Sec. 6	SC	CC-14333	6
504	Hayden Crossing Sec. 6 Pt.1 &2	SC	CC-14334	9

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#	Project Name	Watershed	Plan Number	Site Visits 2013
505	Hayden Crossing Sec.- 6 Pt.-3	SC	CC-15744	9
506	Hayden Crossing South	SC	CC-14208	10
507	Hayden Farms 4 & 5	SC	CC-14466	10
508	Hayden Farms-5	SC	2350-E	10
509	Haydens Crossing Sect. 8	SC	CC-16195	11
510	Haydens Crossing Sect. 9	SC	CC-16237	11
511	Haydens Reserve	SC	CC-14353	11
512	Haywood Distributing	SC	CC-16233	4
513	Heidelberg Distributing	SC	CC-16229	1
514	Hidden Creek Landscaping Inc.	SC	CC-16436	4
515	High Street SI/SWI	SC	2903-E	1
516	Hilliard Woods 1 & 2	SC	3008-E	13
517	Hilltop Branch YMCA	SC	CC-16206	4
518	Hilton Columbus Downtown	SC	CC-15800	4
519	Hilton Columbus Imp	SC	2820-E	1
520	Hollywood Casino	SC	CC-15984	4
521	House of Blessing Worship Center	SC	CC-15502	4
522	Indian Mound Park Spray Ground	SC	CC-16311	5
523	Innis Area Water Mainline CIP	SC	No Plan	2
524	Innis Redevelopment / Demo	SC	Demolition	3
525	Jeffery Annex	SC	CC-16515	1
526	Jeffrey Place Ph 1	SC	1784-E	9
527	Jim Keim Ford	SC	CC-16290	5
528	Lane Woods	SC	CC-12360	11
529	Langford Meadows 5	SC	2032-E	10
530	Liberty Place (Complaint)	SC	Complaint	1
531	Liberty Place Condos 2	SC	CC-15440	13
532	Livingston Av Street Improvement	SC	3028-E	4
533	Livingston Av Streetscape	SC	2996-E	4
534	Livingston(Ann, Jackson &17th) St SWI	SC	3042-E	5
535	Long Street Apts.	SC	CC-16207	9
536	Madden's Point Hotel	SC	CC-16328	9
537	Marble Cliff Crossings	SC	4115-D	10
538	Marion Av Complaint (K&S Energy for Columbi	SC	Complaint	1
539	Marion Av Water Mainline CIP	SC	Complaint	3
540	Marion Rd Swimming Pool Imp	SC	CC-15957	3
541	Maryland & Denver Av - CIP	SC	CC-15716	11
542	McDonalds South High	SC	CC-16344	3
543	Medcare on Paragon Dr	SC	CC-16514	3
544	Monesi Properties	SC	CC-16623	11
545	MSC Industrial Supply Co.	SC	CC-16435	10
546	Nationwide Corp. Center	SC	CC-16063	1

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#	Project Name	Watershed	Plan Number	Site Visits 2013
547	NCH Central Campus Impr	SC	CC-16164	5
548	NCH Demo Lots	SC	Demolition	1
549	NCH Parking Lot Reconstructiom	SC	CC-16202	5
550	North Grove	SC	4442-D	10
551	Oakwood Area Gas Main(K&S Energy for Colum	SC	No Plan	2
552	Olan Corporation	SC	Fill	4
553	Old Columbus Police Station	SC	CC-15558	4
554	Old Police Academy	SC	CC-16313	2
555	Olive Garden Restaurant on Renner	SC	CC-16191	4
556	Orange Barrel Media Company	SC	CC-16599	2
557	OSIS Augmentation & Relief Shaft 1 & 2	SC	CC-15684	11
558	OSIS Augmentation & Relief Shaft 3	SC	CC-15838	10
559	OSIS Augmentation & Relief Shaft 4	SC	CC-15838	10
560	OSIS Augmentation Shaft 1 & 2	SC	Complaint	1
561	OSIS Augmentation Shaft 6	SC	CC-15838	9
562	OSIS Odor Control - Shaft 5 & 6 (two separate sit	SC	CC-15720	11
563	Paddock at Haydens Xing	SC	CC-16064	13
564	Paddock Ph.-2B&2C	SC	CC-15803	14
565	Park Place Hotel	SC	CC-16279	9
566	Parking Lot Expansion Parker Store	SC	CC-16329	5
567	Parsons & Livingston Retail	SC	CC-16496	6
568	Prairie Township Comm. Rec. Center	SC	CC-16525	1
569	Redwood @ Haydens Crossing Ph.-1&2	SC	CC-16427	2
570	River Highlands Condos	SC	CC-13469	12
571	Riverside & Birchton SI	SC	2804-E	9
572	Ronald McDonald House	SC	CC-16480	4
573	Sawmill Rd. @ 161 SWI	SC	2923-E	7
574	Sawmill, Sawbury & Billingsley SWI	SC	3007-E	3
575	Scioto Audubon Southern Tier	SC	CC-16269	9
576	Scioto Bikeway Connector	SC	FRA	1
577	Scioto Bikeway Connector	SC	State	8
578	Scioto Greenways	SC	CC-16423	1
579	Scioto Pointe	SC	CC-7539	11
580	Scioto Station Condos	SC	CC-13616	6
581	Scioto Trail Riversedge / 5th Ave	SC	2629-E	10
582	Skyview Towers	SC	CC-15959	2
583	Slatey Hollow	SC	CC-14484	9
584	South Big Run SI	SC	2691-E	1
585	Southerly WWTP	SC	Complaint	1
586	Southside Health Center	SC	CC-16187	12
587	Spray Ground at Blackburn Park	SC	CC-16310	6
588	Starling Grade School	SC	CC-15870	4

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#	Project Name	Watershed	Plan Number	Site Visits 2013
589	Stewart Elementary Schools	SC	CC-16353	7
590	Stone Bridge Crossing	SC	CC-14549	10
591	Summerlyn 1	SC	4445-D	12
592	Summerlyn 2	SC	2353-E	12
593	Summerlyn 3	SC	2810-E	12
594	Sussex Place 1	SC	4416-D	10
595	Sussex Place 2	SC	2007-E	10
596	Sussex Place 3	SC	2212-E	10
597	Tansky Toyota	SC	CC-16061	7
598	Taylor Mansion - 1400 E Broad St	SC	CC-15812	4
599	Tech Center South Techniglas Street CIP	SC	2938-E	3
600	Tech South (Fortuno Mgmt)	SC	CC-15627	4
601	The District (Edwards Farms)	SC	CC-16325	8
602	The Falls at Hayden Run 1	SC	CC-14092	12
603	The Falls at Hayden Run 3	SC	CC-14995	15
604	The Hubbard	SC	CC-16224	10
605	The Pines Ph.-3	SC	CC-16411	5
606	The Strathmoor	SC	CC-16242	12
607	Tim Hortons	SC	CC-16270	1
608	Tim Hortons on N. Wilson Rd.	SC	CC-16257	4
609	Timkin Fill Site	SC	Fill	11
610	Toyota West	SC	CC-16490	4
611	Trabue Crossing	SC	CC-16453	2
612	Traditions @ Mill Run	SC	CC-16011	3
613	Turkey Hill on Georgesville	SC	CC-16301	12
614	United Dairy Farmers on Clime	SC	CC-16467	3
615	V&S Cols Galvanizing/987 Buckeye Prk Rd	SC	CC-16146	3
616	Victorian Village Apts.	SC	CC-16196	9
617	Village at Galloway Run 2	SC	CC-13318	9
618	Village at Pine Grove	SC	CC-13638	11
619	Wall Street Sewer Relocation	SC	CC-16126	5
620	Wal-Mart on Sawmill	SC	CC-16338	5
621	Warehouse / Office	SC	CC-16351	2
622	Westgate Rec Center Renovation	SC	CC-16456	2
623	White Castle on Hilliard-Rome	SC	CC-16372	7
624	Wonderbread Apts.	SC	CC-16211	9
625	Greenlawn Fire Station Demo	SC	CC-16362	7
626	Tire Discounter	SC	CC-16182	4

626 Independent Sites **Total Site Visits** **4330**

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City of Columbus
2013 Post Construction BMP
Plan Review List

Name	Drawing No	Plan Date	BMP Type
Columbia Gas Offices	cc16315	10-Jan-13	Proprietary device
House of Blessings Worship Center	cc15502	30-Jan-13	Dry detention basins (2) & Dry detention swale (2)
Residence Inn by Marriott	cc16316	11-Feb-13	Proprietary device
Turkey Hill #717	cc16301	26-Feb-13	Dry detention basin, Other & Proprietary device
The District	cc16325	04-Mar-13	Wet detention basin
Riverside Methodist Hospital NeuroscienceInstitute	cc16333	08-Mar-13	Bioretention (2)
Clifton on the Boulevard - Thompson Road	cc16364	11-Mar-13	Vegetated swale & Dry detentin basin
801 Polaris	cc16295	20-Mar-13	Vegetated swale, Dry detention basin & Wet detention basins (2)
Winchester Village Apartments	cc16326	01-Apr-13	Wet detention basin
Wal-Mart Superstore #2774 - Sawmill Rd.	cc16338	09-Apr-13	Proprietary device
America's Fuel Source	cc16373	17-Apr-13	Proprietary device
Stewart Elementary School Renovation & Addition	cc16353	17-Apr-13	Other
Easton Gateway Costco	cc16348	19-Apr-13	Wet detention basins (2)
Hudson Square II - Warner Road	cc16367	19-Apr-13	Dry detention swale
Fairfield Inn	cc16388	30-Apr-13	Proprietary device
Darby Woods Elementary School	cc16377	13-May-13	Proprietary devices (2)
Olentangy and Third	cc16387	21-May-13	Proprietary device
Avery Brooke Apartments	cc16396	16-Jul-13	Wet detention basin
Otterbein Skilled Nursing & Rehab Neighborhood	cc16449	24-Jul-13	Dry detention basins (2)
MSC Industrial Supply Company	cc16435	07-Aug-13	Dry detention basins (2)
Holly Avenue Hotel	cc16403	08-Aug-13	Proprietary device
Westwoods Village Apartments	cc16431	12-Aug-13	Dry detention basins (2) & Proprietary device
Heartland Petroleum	cc16466	12-Aug-13	Proprietary device
Parsons & Livingston Retail	cc16496	20-Aug-13	Proprietary device
Westgate Recreation Center Renovations	cc16460	21-Aug-13	Other
PSC Metals - Jocyce LLC	cc16421	26-Aug-13	Dry detention basin & Proprietary device
Easton Gateway	cc16426	29-Aug-13	Other

City of Columbus
2013 Post Construction BMP
Plan Review List

KIPP School	cc16489	29-Aug-13	Wet detention basin
Storage Builidngs - Police Academy	cc16313	04-Sep-13	Dry detention basin
Sygma Parking Lot Expansion	cc16513	04-Sep-13	Dry detention basin
Columbus Museum of Art	cc16504	04-Sep-13	Proprietary device
Union Hall Renovation&Add.Col.StateCommunityColl.	cc16510	10-Sep-13	Proprietary device
Columbus (Sullivant) Dollar General	cc16469	11-Sep-13	Proprietary device & Other
Ohio Center for ENT Surgery	cc16516	11-Sep-13	Proprietary device
United Dairy Farmers	cc16467	11-Sep-13	Proprietary device
Toyota West	cc16490	21-Oct-13	Proprietary device
McDonald's	cc16298	21-Oct-13	Proprietary device

City of Columbus
2013 Post Construction BMP
Inspection Summary

Drawing No	Name	Columbus Inspection Date	BMP Type
2450 Dr.E	Groves Road Widening	12-Feb-13	Proprietary device
2552 Dr E	Fairwood Avenue Improvements	14-Feb-13	Proprietary device
2816 Dr. E	Thomas Lane ata Olentangy River Road	14-Feb-13	Proprietary device
2597 Dr E	Rich St. Bridge, Phase 1	14-Feb-13	Proprietary device
1926 Dr E	Hard Rd.-Phase C, FRA-CR61-4.34	14-Feb-13	Proprietary device
4403 Dr. D	Habitat Village Sec. 1, Habitat for Humanity	14-Feb-13	Proprietary device
cc15948	New Albany Market McDonald's	19-Mar-13	Wet detention basin
cc15767	St. Phillips Episcopal Church	01-Apr-13	Other
cc15586	Towne Park Section 3, Parts 1-3 (Design on Sec. 1)	08-Apr-13	Wet detention basins (2)
cc16063	Nationwide Corporate Center	12-Apr-13	Proprietary device
cc15988	NBBPVI Testing Laboratory Addition	15-Apr-13	Dry detention swale
cc15877	Liberty Elementary School	16-Apr-13	Vegetated swales (4), Bioretention & Proprietary device
cc15960	Yenkins-Majestic Paint Company	17-Apr-13	Proprietary device & Other
2306 Dr. E	Tamarck Boulevard	22-Apr-13	Wet detention basin
cc15462	Millenium Community School	25-Apr-13	Other
cc15739	Dollar General Store	25-Apr-13	Proprietary device
cc15529	Waterford Place, Part 1 & Part 2	29-Apr-13	Wet detention basins (2)
cc15831	Winchester Bend Apts.	15-May-13	Dry detention basin & Other
cc15626	Turkey Hill #706	15-May-13	Proprietary device
cc16022	St. Clair Station	15-May-13	Vegetated swale
D4440	Levelgreen Subdivision	07-Jun-13	Proprietary device (Stormceptor)
CC15459	Griggs Reservoir Boathouse (On HOLD)	28-Jun-13	Vegetated swales (2) & Bioretention
CC13366	Idlewild Drive Stormwater Improvements CIP973	28-Jun-13	Wetlands (2)
cc16117	National Lime and Stone Co.	03-Jul-13	Wet detention basin
CC15021	DHL-Columbus , 7001 Americana Parkway	09-Jul-13	Wet detention basin
cc16072	The Residences at Liberty Crossing	10-Jul-13	Wet detention basin
cc15412	Allied Mineral Products Building Expansion	13-Jul-13	Dry detention basin (2)
cc15840	Clinton Elementary School	15-Jul-13	Bioretention (3) & Other
cc15380	The Ohio Union Replacement	15-Jul-13	Proprietary device
cc15469	4400 N. High Street	15-Jul-13	Proprietary device
cc16037	Caleb's Creek	18-Jul-13	Dry detention basin & Proprietary device

City of Columbus
2013 Post Construction BMP
Inspection Summary

cc16320	Allied Mineral Parking Lot	18-Jul-13	Proprietary device
cc14276	(Now Waterford Park)Lakes at Taylor Station Sec. 1	25-Jul-13	Dry detention basin
cc15524	Eastglen Medical Office	15-Aug-13	Dry detention basin
CC15865	Netjets Bridgeway Avenue	02-Aug-13	Proprietary device (AquaSwirl)
CC15878	Bridgeway Avenue	02-Aug-13	Dry det. Basin (Columbus Airport) & proprietary deivce (NetJets)
CC15544	Port Columbus International Airport Netjets Apron Expansion & Taxiway	02-Aug-13	Proprietary device & dry detention basin
cc15194	Priv. storm sew. imp. for Heartland Petroleum LLC	19-Aug-13	Dry detention swale
CC15889	Chelsea Square	19-Aug-13	Dry detention basin
cc15963	Boar's Head Maintenance Shop Addition	21-Aug-13	Other
cc15894	COC Police Property Facility	21-Aug-13	Vegetated swale
cc16276	Freeway Business Park	04-Sep-13	Dry detention basin
CC15392	First Community Church Phase I Addition 3777 Dublin Rd	13-Sep-13	Dry detention basin
cc15694	NEPO, LLC/Dura-Belt	13-Sep-13	Dry detention basin
cc15619	Kroger N942 Fuel Center	13-Sep-13	Dry detention swale
Dr. D 4429	Wynstone Village	02-Oct-13	Dry detention swale

City of Columbus
2013 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
2013 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 1 and 9** 300 North Fourth St. Columbus, OH 43215
Fleet Management **Main Maintenance Facility** 4211 Groves Road Columbus, OH 43232	**Fire Station 2 and 3** 150 East Fulton St. Columbus, OH 43215
Big Run Parks Maintenance Zone 4201 Clime Rd. Columbus, OH 43228	**Fire Station 4** 3030 Winchester Pike Columbus, OH 43232
Big Walnut Parks Maintenance Zone 5000 E Livingston Ave. Columbus, OH 43227	**Fire Station 5** 211 McNaughten Columbus, OH 43213
The Creeks/Berliner Parks Maintenance Zone 3491 Watkins Rd. Columbus, OH 43207	**Fire Station 6** 5750 Maple Canyon Ave. Columbus, OH 43229
Downtown Parks Maintenance Zone 1220 Deckenbach Columbus, OH 43223	**Fire Station 7** 1425 Indianola Ave. Columbus, OH 43201
Fairwood Parks Maintenance Zone 1250 Fairwood Avenue Columbus, Ohio 43206	**Fire Station 8** 1240 East Long St. Columbus, OH 43201
Linden Parks Maintenance Zone 2071 Parkwood Ave. Columbus, OH 43211	**Fire Station 10** 1096 West Broad St. Columbus, OH 43222
Nelson Parks Maintenance Zone 1056 Atcheson Street Columbus, Ohio 43203	**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

City of Columbus
2013 Operation and Maintenance Facilities

Tier II City Facilities Sites to develop P2 Practices per MS4 Permit	
Northwest Parks Maintenance Zone 7156 Smoky Row Columbus, Ohio 43235	**Station 13** 309 Arcadia Ave. Columbus, OH 43202
Whetstone Parks Maintenance Zone 4015 Olentangy Blvd. Columbus, OH 43214	**Fire Station 14** 1514 Parsons Ave. Columbus, OH 43207
Municipal Nursery 6993 S. High St. Columbus, OH 43137	**Fire Station 15** 1800 Livingston Ave. Columbus, OH 43205
Forestry Maintenance/ Building Maintenance 1533 Alum Industrial Dr., West	**Fire Station 16** 1130 East Weber Rd. Columbus, OH 43211
Forestry Woodchip Operations 2100 Alum Creek Drive Columbus, OH 43207	**Fire Station 17** 2250 West Broad St. Columbus, OH 43204
Airport Golf Course 900 N. Hamilton Rd. Columbus, OH 43219	**Fire Station 18** 1628 Cleveland Ave. Columbus, OH 43211
Mentel Memorial Golf Course 2055 Norton Road Galloway, OH 43119	**Fire Station 19** 3601 North High St. Columbus, OH 43214
Champions Golf Course 3900 Westerville Road Columbus, OH 43224	**Fire Station 20** 2646 East Fifth Ave. Columbus, OH 43219
Raymond Memorial Golf Course 3860 Trabue Road Columbus, OH 43228	**Fire Station 21** 3294 East Main St. Columbus, OH 43213
Turnberry Golf Course 7789 Tussing Road Columbus, OH 43068	**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

City of Columbus
2013 Operation and Maintenance Facilities

Tier II City Facilities Sites to develop P2 Practices per MS4 Permit	
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
Facilities @ 910 Dublin Road 910 Dublin Road Columbus, OH 43215	**Fire Station 31** 5105 Alkire Rd. Columbus, OH 43228
McKinley Avenue Site Located adjacent to quarry, south of Trabue, west of McKinley Avenue	**Fire Station 32** 3679 Gender Rd. Columbus, OH 43110
Dublin Road Water Treatment Plant 940 Dublin Road Cols., OH 43215	**Fire Station 33** 440 Lazelle Rd. Columbus, OH 43081
Hap Cremean Water Treatment Plant 4250 Morse Road Columbus., OH 43230	**Fire Station 34** 5210 Wilcox Rd. Columbus, OH 43016
Parsons Avenue Water Treatment Plant 5600 Parsons Avenue Lockbourne, OH 43137	**Fire Training** 3639 Parson Ave. Columbus, OH 43207
Division of Power and Water 3500 Indianola Avenue Columbus, OH 43214	**Police Helipad** 2130 West Broad St. Columbus, OH 43223
Division of Power and Water 3568 Indianola Avenue Columbus, OH 43214	**Police Mounted Unit** 2609 McKinley Ave. Columbus, OH 43204
Watershed Management **Hoover Reservoir** 7600 Sunbury Road,	**Police Firing Range** 2609 McKinley Ave. Columbus, OH 43204
Watershed Management **Griggs Reservoir** 3155 Riverside Drive	**Police Impound Lot** 2700 Impound Lot Road Columbus, OH 43207

City of Columbus
2013 Operation and Maintenance Facilities

Tier II City Facilities Sites to develop P2 Practices per MS4 Permit
Watershed Management **Bellpointe Facility** 4544 State Route 257 South Ostrander, Ohio 43061

City of Columbus
Street Sweeper Inventory
December 31, 2013

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

2013 C ory 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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 Laboratores (Device Manufacturing Center)	6550 Singletree Dr	Columbus	
Abbott Laboratories-Pump Service Center	1033 Kingsmill Pkwy	Columbus	
Abbott Nutrition	1001 Checkrein Ave	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	
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 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	
Allied Custom Molded Products	1240 Essex Ave	Columbus	
Allied Fabricating & Welding	5699 Chantry Dr	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
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	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	
Atlapac Corp	2901 E 4th Ave	Columbus	
Atlas Blueprint & Supply Co Inc	374 W Spring St	Columbus	
Auddinos 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	

2013 C ory 1
Industry Summary

Company	Site Address	City	InspectionDate2013
B & G Tool Co	4832 Kenny Rd	Columbus	
Baise Quality Printing	695 Koebel Ave Frnt	Columbus	
Ball Corp	2690 Charter St	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	
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	
Bradshaw Co C H	2004 Hendrix Dr	Columbus	
Brunk Transportation	2001 Circle Dr	Columbus	
Brunk Transportation Inc	4692 Kenny Rd	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
Buck Equipment/AIM Attachments	1720 Feddern 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 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 Imaging Inc	3511 Johnny Appleseed Ct	Columbus	
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	

Company	Site Address	City	InspectionDate2013
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	
Closed Loop Recycling	1675 Watkins Rd	Columbus	
CM Media Inc	5253 Sinclair Rd	Columbus	
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	
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 Roof Trusses Inc	2525 Fisher Rd	Columbus	
Columbus Sign Co	1515 E 5th Ave	Columbus	
Columbus Stone Center	1736 McKinley Ave	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
Concept Wear	950 Oakland Park Ave	Columbus	
Conn's Potato Chip Co Inc	1271 Alum Creek Dr	Columbus	
Container Management Company LLC	1200 Corrugated Way	Columbus	
Corporate Cutting Dies LLC	1919 S 6th St	Columbus	
Cox Brothers Inc	1467 Weldon Ave	Columbus	
Cozmyk Enterprises, Inc.	3757 Courtright Ct	Columbus	
Cranel Inc	8999 Gemini Pkwy	Columbus	
Croswell VIP Motorcoach Services	1640 E Fifth Ave	Columbus	
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	
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	

2013 C ory 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
Digico Imaging Inc	3487 E Fulton St	Columbus	
Distinctive Surfaces, Inc.	5158 Sinclair Rd	Columbus	
DMI Metals Inc	1465 E 17th Ave	Columbus	
Dynamex Operations East Inc	2475 Scioto Harper Dr	Columbus	
E Taylor Transportation Svcs	4274 Groves Rd	Columbus	
Edwards Steel	1777 McKinley Ave	Columbus	
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	
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	
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	5117 E Main	Columbus	
Fastsigns	1744 Rome Hilliard Rd	Columbus	
Fastsigns	205 E Broad St	Columbus	
FEDEX EXPRESS-CMHA	2850 International St	Columbus	
Fedex Express-OSUA	2424 Citygate Dr	Columbus	
FedEx Kinkos	4516 Kenny Rd	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
Fournier Rubber & Supply Co.	1341 Norton Ave	Columbus	
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	2040 Atlas St	Columbus	
FUNAI Service Corporation	2200 Spiegel Dr	Columbus	
G2 Print Plus	3787 Interchange Rd	Columbus	
Generals Books Blue & Gray Magazine	522 Norton Rd	Columbus	
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	
Griffin Industries Inc	808 Distribution Dr	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	

2013 C ory 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
Hazelbaker Industries Ltd	1355 McKinley Ave	Columbus	
Heartland Express Inc	1800 Lone Eagle St	Columbus	
Heidelberg Distribution	3801 Parkwest Dr	Columbus	
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	
Hudson Meat Co.	2320 S 7th St	Columbus	
Hydron Inc	2550 W 5th Ave	Columbus	
Hymes Company	4301 E 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	
J & R Schugel Trucking Inc	440 Exchange Dr	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
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	
Karn Meats Inc	922 Taylor Ave	Columbus	
Keffs Inc	2117 S High St	Columbus	
Keystone Freight	2545 Parsons Ave	Columbus	
KF Express Inc	430-440 Greenlawn Ave	Columbus	
KGR Auto Salvage	2020 Refugee Road	Columbus	
Kickplate Company	2199 Lockbourne Rd	Columbus	
Kingswood Manufacturing Co	3065 Switzer Ave	Columbus	
Knight Transportation	4275 Westward Avenue	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	
Lakefront Lines Inc	3152 E 17th Ave	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	

Company	Site Address	City	InspectionDate2013
Lavoz Hispania Newspaper	3552 Sullivant Ave	Columbus	
Leaders Moving & Storage Co	7455 Alta View Blvd	Columbus	
Lear Furukawa	2181 International St	Columbus	
Lees Rv & Boat Storage	4200 Scioto Darby Creek Rd	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	
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	
LV Trucking Inc	2440 Harrison Rd	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	
Magnetic Springs Water Co. Inc	1917 Joyce Ave	Columbus	
Marcy Enterprises, Inc.	2977 Lamb Ave	Columbus	
Market Day Corp	3080 Valleyview Dr	Columbus	
Mason & Dixon Lines Inc	2950 International St	Columbus	
Materials Science International, Inc.	1660 Georgesville Rd	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	
McGraw-Hill Companies The	8787 Orion Pl	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	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
Meyer Machine Tool Co	3434 E 7th Ave	Columbus	
Michael's Finer Meats/Seafoods	3775 Zane Trace Dr	Columbus	
Microweld Engineering, Inc.	7451 Oakmeadows Dr	Columbus	
Mid Ohio Golfer Association	5255 Sinclair Rd	Columbus	
Middleport Terminal (Shelly)	500 Corr Rd	Columbus	
Middleton Printing Co Inc	1220 Corrugated Way	Columbus	
Mid-Ohio Electric Co	1170 McKinley Ave	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	
Midwest Strapping Products	1819 Walcutt Rd 13	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	
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	
Monesi Trucking Co Inc	1715 Atlas St	Columbus	
Morcast Precision Inc	1615 Woodland Ave	Columbus	
Morning Star Self Storage	3391 S High St	Columbus	
Morningstar Mini Storage	3344 Morse Rd	Columbus	
Morrison Medical	3735 Paragon Dr	Columbus	
Morrison Sign Co Inc	2757 Scioto Pkwy	Columbus	
Morse Precision Automatics Co	2060 S High St	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	

Company	Site Address	City	InspectionDate2013
NEMF-New England Motor Freight- Excellance in Motion	1700 Georgesville Rd	Columbus	
Nexergy Inc	1909 Arlingate Ln	Columbus	
NGL Warehouse	1500 Commodity Blvd	Columbus	
Noise Suppression Technologies	4182 Fisher Rd	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	
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 E-Waste Recycling Inc	2050 Williams Rd	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	
Ohio Mortgage Forms Inc	1234 Williams Rd	Columbus	
Ohio State University is on site	2001 Polaris Pkwy	Columbus	
Ohio Wire Form & Spring Co	2270 S High St	Columbus	
Old Trail Printing Co, The	100 Fornoff Rd	Columbus	
Olen Corp., The	4755 S High St	Columbus	
Optical Distribution Corp	814 W 3rd Ave	Columbus	
Optimum Print Solutions	5051 Freeway Dr E	Columbus	
ORS-Nasco	1616 Westbelt Dr	Columbus	
Owl Creek Contracting Inc	4755 S High St	Columbus	
P H P K Technologies	2111 Builders Pl	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	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
Parker Hannifin Corp	3885 Gateway Blvd	Columbus	
Parsons Auto Parts Inc	2250 Parsons Ave	Columbus	6/25/2013
Pasta Ditonis Inc	733 N James Rd	Columbus	
Patio Room Factory	1900 Federal Parkway	Columbus	
Patrick Manufacturing	5474 W Byers Circle	Columbus	
Pearson Education Inc	445 Hutchinson Ave Fl 4	Columbus	
Peebles Herzog Inc	50 Hayden Ave	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	
Pjax Inc	5075 Krieger Ct	Columbus	
Planes Moving & Storage	2131 Dividend Dr	Columbus	
Planes Moving & Storage Co of	2000 Dividend Dr	Columbus	
Ply-Board Fabricators Co Inc	1284 Edgehill Rd	Columbus	
Possible Plastics Inc	1620 Feddern Ave Bldg B	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	
Printing By Wilson	2733 Winchester Pike	Columbus	
Printpro Inc	760 Busch Ct	Columbus	
Prism Prints Inc	1540 Clara Ave	Columbus	
Pro Printing Inc	3779 Sullivant Ave	Columbus	
Professional Truck Washing Services	4255 Roberts Rd	Columbus	
PXP OHIO	6800 Tussing Rd	Columbus	
Q3 Stamped Metal	777 Manor Park Dr	Columbus	
Quala Services, LLC	1291 W Mound St	Columbus	
Quality Rubber Stamp Inc	3314 Refugee Rd	Columbus	
Quality Service Products Inc	528 E Hudson St	Columbus	
Quickprint Center	1399 Grandview Ave	Columbus	
R & J Bardon Inc	4676 Larwell Dr	Columbus	

Company	Site Address	City	InspectionDate2013
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	
Rickly Hydrological Co Inc	1700 Joyce Ave	Columbus	
Robert Eagle Candies	4590 N High St	Columbus	
Robey Tool & Machine	1593 E 5th Ave	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	
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	
S&T Truck & Auto Service Inc	3150 Valleyview Dr Rm 8	Columbus	
Salem Manufacturing & Sales	2856 Banwick Rd	Columbus	
Sanese Services Attn:Mike Bone	6465 Busch Blvd	Columbus	
Savko Plastic Pipe & Fittings	683 E Lincoln Ave	Columbus	
Scarefactory Inc	2905 E 4TH Ave	Columbus	
Scholz & Ey Engravers Inc	1558 Parsons Ave	Columbus	
SCI Engineered Materials Inc	2839 Charter St	Columbus	
Scioto Ready Mix	245 Morrison Rd	Columbus	
Screen Printing Show House Inc	853 N Nelson Rd	Columbus	
Scriptel Corp	4145 Arlingate Plz	Columbus	
Sears #911RRC	3685 Alum Creek Dr	Columbus	
Sears Logistics Unit 88420	4100 Lockbourne Industrial PKW	Columbus	
Sears Roebuck & Co #88781	5330 Crosswind Dr	Columbus	
Seekirk Inc	2420 Scioto Harper Dr	Columbus	
Select Seating Group	862 E Jenkins Ave	Columbus	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
Sensotec LLC	1212 Chesapeake Ave	Columbus	
Sentek Corp	1160B Alum Creek Dr	Columbus	
ShadeTree Systems, LLC	6317 Busch Blvd	Columbus	
Shasta Beverages Inc	3699 Alum Creek Dr	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	
Skeels Manufacturing	4040 Fondorf Dr	Columbus	
Slone Graphics LLC	945 W Third Ave	Columbus	
Smith Dodson Co	200 Colton Rd	Columbus	
Sonoco Products Co	444 McCormick Blvd	Columbus	
Southland Self Storage DBA Carninal Self Storage	5341 N Hamilton Rd	Columbus	
SouthPrint	7525 Pingue Dr	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	
Specialty Services Inc	1382 Ohlen Ave	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	
Superior Welding Co Inc	906 S Nelson Rd	Columbus	
Swan Freedom	1320 McKinley Ave Ste A	Columbus	
Swan Manufacturing Company	65 Kingston Ave	Columbus	
SYGMA	4630 Journal St	Columbus	

2013 C ory 1
Industry Summary

Company	Site Address	City	InspectionDate2013
SYGMA	2000 Westbelt Dr	Columbus	
SYGMA Network Inc	1901 Dividend Dr	Columbus	
T E Martindale Enterprises Inc	2840 E 5th Ave	Columbus	
Tapha Trucking Inc	3323 Refugee Rd	Columbus	
Tarrier Foods Corp	3915 Zane Trace Dr	Columbus	
Team Industrial Services Inc	3005 Silver Dr	Columbus	
Techdisposal	320 Outerbelt St	Columbus	
Terminal Warehouse Inc	1658 Williams Rd	Columbus	
Thoroughbred Bulk Transfer	5075 Fisher Rd	Columbus	
Thurman Trucking Services Inc	2580 Groveport Rd	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-Modal Service Inc	2001 Walcutt Rd	Columbus	
Trio Insulated Glass Inc	1094 McKinley Ave	Columbus	
Tri-State Supply Co Inc	3840 Fisher Rd	Columbus	
Tritex Corp.	1390 Holly Ave	Columbus	
U Part It LLC	2324 Refugee Rd	Columbus	
U Part It LLC	2055 Refugee Rd	Columbus	
U S Cloth Shop Inc	1010 E Starr Ave	Columbus	
U Store It	5252 Nike Dr	Columbus	
Uncle Bob's Self Storage	851 W Henderson Rd	Columbus	
Uncle Chucks Printing & Signs	2541 W Broad St	Columbus	
Union County Cab LLC	3823 Sullivant Ave	Columbus	
United McGill Corporation	1779 Refugee Rd	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	

2013 Category 1
Industry Summary

Company	Site Address	City	InspectionDate2013
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	
Vincent Direct	3560 Millikin Ct	Columbus	
Vitale Poultry Co.	800 E Cooke Rd	Columbus	
W W Transport Inc	405 Commerce Square	Columbus	P11-22-2013
Warehouse Services	2901 E 4th Ave	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	
Wheel Medic Inc	2971 Silver Dr	Columbus	
Whirlpool Corp.	6241 Shook Rd	Columbus	
Wilsonart International	2500 International St	Columbus	
Wolf Metals Inc	521 Harmon Ave	Columbus	
Worldwide Auto Recycling Inc	844 N Cassady Ave	Columbus	
Worldwide Flight Services Inc	476 E Fifth Ave	Columbus	
Wyandotte Winery LLC	4640 Wyandotte Dr	Columbus	
Yi Xing Inc	850 Busch Ct	Columbus	
You Wrench It	3040 S High St	Columbus	

2013 C ory 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
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	
Accurate IT Services	690 Hadley Dr	Columbus	No Exposure Certification	
Accurate Manufacturing Co Inc	1940 Lone Eagle St	Columbus	No Exposure Certification	
Ace Iron & Metal	2515 Groveport Rd	Columbus	General Permit	
Advance Industrial Mfg	1996 Longwood 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	8-6-2013
Aerospace Lubricants Inc	1600 Georgesville Rd	Columbus	No Exposure Certification	
Akzo Nobel Coatings Inc	1313 Windsor Ave	Columbus	General Permit	P11-13-2013
All City Auto Wrecking Inc	1441 Joyce Ave	Columbus	General Permit	5-22-2013
Allied Mineral Products Inc	2700 Scioto Pkwy	Columbus	General Permit	
American Bottling Co/Seven Up Beverages/Beverage Management	950 Stelzer Rd	Columbus	No Exposure Certification	P9-26-2013
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	
AMT Machine Systems	868 Freeway Dr N	Columbus	No Exposure Certification	
ANDA PHARMACEUTICALS	6500 Adelaide Ct	Columbus	No Exposure Certification	
Anheuser Busch, Inc	700 Schrock Rd	Columbus	General Permit	P8-21-2013
Anthony Thomas Candy Co Inc	1777 Arlingate Ln	Columbus	No Exposure Certification	P8-15-2013
Aoki Manufacturing Columbus Inc	1705 Atlas St	Columbus	No Exposure Certification	
Appian Manufacturing Corp	2025 Camaro Dr	Columbus	No Exposure Certification	
Arcelormittal Columbus LLC	1800 Watkins Rd	Columbus	General Permit	P7-25-2013
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	
AY Manufacturing Ltd	5200 Crosswind Dr	Columbus	No Exposure Certification	P3-27-2013
A-Z Recycling, 1465 Part Ltd aka	1465 E 17th Ave	Columbus	General Permit	4-26-2013
Banner Metals Group	1308 Holly Ave	Columbus	No Exposure Certification	

2013 Category 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
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	
Birchwood Foods	1821 Dividend Dr	Columbus	General Permit	P5-16-2013
Bobcat Taxi Cab Service	1097 Camden Ave	Columbus	No Exposure Certification	
Bodycote Thermal Processing (Metal Improvement Co)	1515 Universal Rd	Columbus	No Exposure Certification	P3-13-2013
Bolton Field Airport	2000 Norton Rd	Columbus	General Permit	8-13-2013
Boss Display Corp	2001 Camaro Dr	Columbus	No Exposure Certification	
Bron-Shoe Co	1313 Alum Creek Dr	Columbus	No Exposure Certification	P2-13-2013
Brothers Drake Mead	26 E Fifth Ave	Columbus	No Exposure Certification	
Buckeye Auto Parts of Columbus Inc	2474 McKinley Ave	Columbus	General Permit	
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	
Burton Metal Finishing Inc	1711 Woodland Ave	Columbus	General Permit	P6-1-2013
Calgon Carbon Corp	835 N Cassady Ave	Columbus	General Permit	P10-17-2013
Capital City Awning	577 N 4th St	Columbus	No Exposure Certification	
Capital Pros & Ortho Center	4678 Larwell Dr	Columbus	No Exposure Certification	
Capital Spring Division/M W Industries	2000 Jetway Blvd	Columbus	No Exposure Certification	P8-21-2013
Cardinal Container Corp	3700 Lockbourne Rd	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	3-7-2013
Carfagnas Food Manufacturing	3518 Johnny Appleseed Ct	Columbus	No Exposure Certification	
Central Ohio Oil Inc	795 Marion Rd	Columbus	General Permit	P11-21-2013
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	
Central Ohio Transit Authority	1330 Fields Ave	Columbus	No Exposure Certification	
Central Ready Mix of Ohio LLC	569 N Wilson Rd	Columbus	General Permit	

Company	Site Address	City	PermitStatus	InspectionDate
Central Transport Inc	2450 Sobeck Rd	Columbus	General Permit	8-20-2013
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 Creek Transfer Station	2100 Alum Creek Dr	Columbus	General Permit	
City of Columbus Compost Facility	7000 State Route 104/Jackson 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	
Clean Water Ltd.	2480 Jackson Pike	Columbus	No Exposure Certification	P10-31-2013
Cloverleaf Cold Storage	2350 New World Drive	Columbus	No Exposure Certification	
Coalescence LLC	3455 Millennium Ct	Columbus	No Exposure Certification	
Coca-Cola Co (Columbus Syrup Plant)	2455 Watkins Rd	Columbus	No Exposure Certification	P12-4-2013
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	9-6-2013
Columbus Dispatch, The	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	3-1-2013
Columbus Ohio Recycling & Transfer Station (Rumpke of Ohio Inc)	1191 Fields Ave	Columbus	General Permit	
Compusource Tech	1600 Integrity Dr	Columbus	No Exposure Certification	
ConAgra Foods Inc	4200 Sullivant Ave	Columbus	General Permit	
Container Port Group Inc., Columbus-Creekway	2400 Creekway Dr	Columbus	General Permit	
Con-Way Freight - XCO	2625 Westbelt Dr	Columbus	General Permit	9-10-2013

2013 Category 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
Core Molding Technologies Inc	800 Manor Park Dr	Columbus	General Permit	3-12-2013
COW Industries Inc	1875 Progress Ave	Columbus	No Exposure Certification	P1-18-2013
Crete Carrier Corp	5400 Crosswind Dr	Columbus	General Permit	
CSC Worldwide	4401 Equity Dr	Columbus	No Exposure Certification	P3-7-2013
CSX Transportation Inc	2600 Parsons Ave	Columbus	General Permit	
CSX-Columbus Terminal	2351 Westbelt Dr	Columbus	General Permit	
CubeSmart	5411 W Broad St	Columbus	No Exposure Certification	
Daifuku America Corp	6700 Tussing Rd	Columbus	No Exposure Certification	
Decker Construction Co	3040 McKinley Ave	Columbus	General Permit	7-31-2013
Dick Cold Storage/Capital City Ice (D&D Group Ltd)	3080/3100 Valleyview Dr	Columbus	General Permit	
Dublin Road Mini Storage, LLC	2087 Dublin Rd	Columbus	No Exposure Certification	
Dura-Belt, Inc.	3119 Scioto Darby Executive	Columbus	No Exposure Certification	
Dura-Belt, Inc.	2909 Scioto Darby Executive	Columbus	No Exposure Certification	
E.E. Case Drop-Lot	994 Frank Rd	Columbus	No Exposure Certification	
Edison Automotive Inc	1529 McKinley Ave	Columbus	General Permit	
Engineered Profiles LLC DBA (Crane Plastics)	2141 Fairwood Ave	Columbus	General Permit	P9-23-2013
English Bay Batter, Inc	2241 City Gate Dr	Columbus	No Exposure Certification	P8-7-2013
Entrotech Inc	1245 & 1255 Kinnear Rd	Columbus	No Exposure Certification	
Environmental Reclaim	3900 Sullivant Ave	Columbus	No Exposure Certification	
Evans Adhesive Corp Ltd	925 Old Henderson Rd	Columbus	No Exposure Certification	P10-30-2013
Exterior Portfolio LLC	1441 Universal Rd	Columbus	General Permit	9-18-2013
Exterior Portfolio LLC	1550 Universal Rd	Columbus	General Permit	9-18-2013
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	
First Student INC	2510 Park Cresent Drive	Columbus	General Permit	
Five Star Cardinal Self Storage	4111 Groves Rd	Columbus	No Exposure Certification	
Fortin Welding & Mfg Inc.	944 W Fifth Ave	Columbus	No Exposure Certification	

Company	Site Address	City	PermitStatus	InspectionDate
Frank Brunckhorst Co LLC	2225 Spiegel Drive	Columbus	General Permit	
Franklin International, Inc.	2020 Bruck St	Columbus	General Permit	P11-7-2013
FST Logistics	1727 Georgesville Rd	Columbus	No Exposure Certification	
Fst Logistics Inc	700 Harrison Dr	Columubs	No Exposure Certification	
Gateway Self Storage	750 E 11th Ave	Columbus	No Exposure Certification	
GC Pallet (agency has CG Pallet)	185 N Yale Ave	Columbus	No Exposure Certification	
G-Cor Automotive	2100 Refugee Rd	Columbus	General Permit	8-27-2013
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	10-1-2013
Georgia-Pacific Chemicals LLC	1975 Watkins Rd	Columbus	General Permit	P6-27-2013
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	
Hamilton Tanks LLC	2200 Refugee Rd	Columbus	General Permit	
Harris Paper Crafts Inc	266 E Fifth Ave	Columubs	No Exposure Certification	
Herman Falter Packing Co	384 Greenlawn Ave	Columbus	No Exposure Certification	P12-23-2013
Hirschvogel Inc	2230 S Third St	Columbus	General Permit	P6-6-2013
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	
Howard Industries Inc	1840 Progress Ave	Columbus	No Exposure Certification	
I H Schlezinger Inc	1041 Joyce Ave	Columbus	General Permit	
IFCO Pallet Systems	2130 New World Dr	Columbus	No Exposure Certification	
IMS Electronics Recycling	1635 Watkins Road	Columbus	No Exposure Certification	
Ink Well, The	1939 E Dublin Granville Rd	Columbus	No Exposure Certification	
ISP Chemicals Inc	1979 Atlas St	Columbus	General Permit	P9-25-2013
ITC Manufacturing Inc	845 E Markison Ave	Columbus	No Exposure Certification	P4-19-2013
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	No Exposure Certification	5-23-2013
Jacobson Companies	2450 Spiegel Dr, STE A	Columbus	No Exposure Certification	
Jacobson Distribution Company	2642 Fisher Rd	Columbus	No Exposure Certification	

2013 Category 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
Jenis Splendid Ice Cream	909 Michigan Ave	Columbus	No Exposure Certification	P9-26-2013
Jetcoat	472 Brehl Ave	Columbus	General Permit	
Jones Fuel Co	350 Frank Rd	Columbus	General Permit	
Kenwel Printers Inc	4272 Indianola Ave	Columbus	No Exposure Certification	
Key Finishes LLC	727 Harrison Dr	Columubs	No Exposure Certification	
Krispy Kreme Doughnut Corp	3690 W Dublin Granville Rd	Columbus	No Exposure Certification	
Liebert Corp	1050 Dearborn Dr	Columbus	General Permit	P6-26-2013
Lifecare Medical Services Inc	3065 E 14th Ave	Columbus	No Exposure Certification	
MAC Tools	4380 Old Roberts Rd	Columbus	No Exposure Certification	
Magnum Press	45 Lazelle Rd	Columbus	No Exposure Certification	
Maramor Chocolates	1855 E 17th Ave	Columbus	No Exposure Certification	P2-27-2013
Marble Cliff Oil Co	2057 Dublin Rd	Columbus	General Permit	
Mars Petcare US Inc	5115 Fisher Rd	Columbus	General Permit	P12-3-2013
Masser Metals & Recycling	3103 Lamb Ave	Columbus	General Permit	
McCabe Print Works	2910 Scioto Darby Executive	Columbus	No Exposure Certification	
Mettler-Toledo Inc	1150 Dearborn Dr	Columbus	No Exposure Certification	
Middle West Spirits	1230 Courtland Ave	Columbus	No Exposure Certification	
Mills Metal Finishing Inc	1967-1977 McAllister Ave	Columbus	General Permit	P1-31-2013
Morningstar Mini Storage of Georgesville	1531 Georgesville Rd	Columbus	No Exposure Certification	
National Lime & Stone Co	4390 Fisher Rd	Columbus	General Permit	7-3-2013
Nelson Co, The	1951 Galaxie St	Columbus	No Exposure Certification	
NIFCO America Corp	2435 Spiegel Dr	Columbus	No Exposure Certification	
Norfolk Southern Railway Co	2450 Fairwood Ave	Columbus	General Permit	
Norse Dairy Systems	1740 E 17th Ave	Columbus	No Exposure Certification	
Novotec Recycling LLC	3960 Groves Rd	Columbus	General Permit	4-29-2013
Nutis Press Inc	3540 E Fulton St	Columbus	No Exposure Certification	
Oberfields LLC	1165 ALUM CREEK DR (&	Columbus	General Permit	
ODW Logistics Inc	1580 Williams Rd	Columbus	General Permit	
Ohio Anodizing Co Inc	915 N 20th St	Columbus	No Exposure Certification	P3-12-2013
Ohio Drop Off	2899 Morse Rd	Columbus	No Exposure Certification	
Ohio Mulch Supply	2140 Advance Ave	Columbus	General Permit	
Ohio Packing Co	1340 Emig Rd	Columbus	No Exposure Certification	P10-25-2013

Company	Site Address	City	PermitStatus	InspectionDate
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	3-5-2013
Old Dominion Freight Line Inc	2885 Alum Creek Dr	Columbus	General Permit	
Pactiv Corporation	2120 Westbelt Dr	Columbus	General Permit	
Pactiv Corporation	1999 Dividend Dr	Columbus	General Permit	
Pactiv LLC	2781 Westbelt Dr	Columbus	No Exposure Certification	
Panacea Products Corp	1825 Joyce Ave	Columbus	No Exposure Certification	P2-12-2013
Panacea Products Corp	2711 International St	Columbus	No Exposure Certification	
Pepsi Cola Bottling Co. of Columbus (G and J Pepsi Cola bottlers)	1241 Gibbard Ave	Columbus	General Permit	P9-19-2013
Phillip's Oil Co Inc Of Ohio	1877 McKinley Ave	Columbus	No Exposure Certification	
Pick-n-Pull	2716 Groveport Rd	Columbus	General Permit	7-11-2013
Pinnacle Metal Products Inc	1701 Woodland Ave	Columbus	No Exposure Certification	
Pitt Ohio Express LLC	2101 Hardy Parkway St	Columbus	General Permit	
Pitt Plastics Inc	3980 Groves Rd	Columbus	General Permit	
Plaskolite Inc	1770 Joyce Ave	Columbus	General Permit	
Plastic Suppliers Inc	2400 & 2450 Marilyn Park La	Columbus	General Permit	
Precision Foods, Inc	683 Manor Park Dr	Columbus	No Exposure Certification	
Pressure Connections Corp.	610 Claycraft Rd	Columbus	No Exposure Certification	
PSB CO Div of White Castles System Inc	555 W Goodale St	Columbus	General Permit	P4-18-2013
PSC Metals Inc	2205 Parsons Ave	Columbus	General Permit	
PSC Metals, Inc. Joyce Yard	1283 Joyce Ave	Columbus	General Permit	
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	
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	
Quadra-Tech Inc	860 E Jenkins Ave	Columbus	No Exposure Certification	

2013 Category 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
Quality Bakery CO	50 N Glenwood Ave	Columbus	General Permit	P7-23-2013
Quality Bakery Frozen Warehouse (T Marzetti Co)	6660 Broughton Ave	Columbus	No Exposure Certification	
Recycling Exchange North Inc	2830 Westerville Rd	Columbus	No Exposure Certification	
Reliable Truck Parts Inc	1950 Refugee Rd	Columbus	General Permit	
Republic Services Inc/Reynolds Ave Transfer Station	805 Reynolds Ave	Columbus	General Permit	
Rimrock Corporation	1700 Jetway Blvd	Columbus	General Permit	
RNS Columbus / Vertis Communication INC	4051 Fondorf Dr	Columbus	No Exposure Certification	
Rock Tenn Recycling Facility	1015 Marion Rd	Columbus	General Permit	7-16-2013
Roxane Laboratories, Inc. (Boehringer Ingelheim Roxane, Inc)	1809 N Wilson Rd	Columbus	No Exposure Certification	P10-10-2013
Saia Motor Freight Line, LLC	1717 Krieger St	Columbus	General Permit	
Scioto Redi-Mix	1500 Williams Rd	Columbus	General Permit	9-27-2013
Security Self Storage	4600 Fisher Rd	Columbus	No Exposure Certification	
Sherwin-Williams Co	2121 New World Dr	Columbus	General Permit	
Siam Reclaim Technologies, Inc	3960 Groves Rd Unit B	Columbus	No Exposure Certification	4-29-2013
Simpson Strong-Tie Co Inc	2600 International St	Columbus	No Exposure Certification	
Sims Recycling LLC	697 James Rd N	Columbus	General Permit	4-30-2013
Spillman Co	1701 Moler Rd	Columbus	General Permit	4-19-2013
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	
Sunrise Foods Inc	3120 Valleyview Dr	Columbus	General Permit	P11-4-2013
Superior Production Partnership LLC	1405 Marion Rd	Columbus	General Permit	7-9-2013
Superior Production Partnership LLC	2301 Fairwood Ave	Columbus	General Permit	7-9-2013
Suttles Truck Leasing (Dana Transport INC)	1795 Feddern Ave	Columbus	No Exposure Certification	P1-22-2013
Swift Transportation Inc	4141 Parkwest Dr	Columbus	General Permit	
Sysco	2400 Harrison Rd	Columbus	No Exposure Certification	
Syscom Advanced Materials Incorporated	1255 Kinnear Rd Suite 5	Columbus	No Exposure Certification	P8-13-2013

Company	Site Address	City	PermitStatus	InspectionDate
T Marzetti Co	3838 Indianola Ave	Columbus	General Permit	P8-28-2013
T Marzetti Co	3770 Indianola Ave	Columbus	No Exposure Certification	
T Marzetti Co (R&D Technical Services)	3900 Indianola Ave	Columbus	No Exposure Certification	
T Marzetti Co/Allen Division	1709 Frank Rd	Columbus	General Permit	P7-24-2013
Tarrier Steel Co., The	1379 S 22nd ST	Columbus	General Permit	5-21-2013
Thurns Specialty Meats Inc	530 Greenlawn Ave	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	
Triad Transport	1484 Williams Rd	Columbus	No Exposure Certification	9-27-2013
Tubelite Co Inc	1224 Refugee LN	Columbus	No Exposure Certification	
Tubular Techniques	3025 Scioto Darby Executive	Columbus	No Exposure Certification	
U-Haul Moving & Storage	1211 Parsons Ave	Columbus	No Exposure Certification	
U-Haul Moving & Storage @ 5th Ave	1314 E Fifth Ave	Columbus	No Exposure Certificiation	
U-Haul of Worthington	7472 Reliance St (7472-7500)	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	
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	1000 Buckeye Park Rd	Columbus	General Permit	P12-5-2013
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	

2013 Category 2
Industry Summary

Company	Site Address	City	PermitStatus	InspectionDate
Ward Trucking LLC	1601 McKinley Ave	Columbus	No Exposure Certification	
Wasserstrom and Sons, N, Amtekco Industries Inc	2300 Lockbourne Rd	Columbus	General Permit	
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	
Wirthman Bros Inc	3515 E Main St	Columbus	General Permit	
Wolfden Products Inc	3991 Fondorf Dr	Columbus	No Exposure Certification	
Worthington Industries Inc/Worthington Cyclinder Corp	1085/1205 Dearborn Dr	Columbus	General Permit	P10-28-2013
Worthington Steel Co., The	1127 Dearborn Dr	Columbus	No Exposure Certification	P9-25-2013
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	4-17-2013

2013 NPDES Stormwater Sampling Summary

Three City – Owned Outfalls

Introduction

The report titled *2013 NPDES Stormwater Sampling Summary – Three 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 program through the five-year permit cycle. This annual report provides an evaluation of the data collected in 2013 in comparison with national stormwater data and the City of Columbus wet weather sampling data from 2007 – 2012

This report summarizes monitoring and water quality sampling activities for 2013, which is the seventh program year (year two of the second permit cycle.) Results from each of the last six program years have been incorporated into 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	Permit Year	Report Date
4PI00000*BD	2007-2011	1-5 (4PI00000*BD)	March 7, 2012 (final report)
4PI00000*CD	2012	1 (4PI00000*CD)	February 18, 2013
4PI00000*CD	2013	2	February 25, 2014
4PI00000*CD	2014	3	TBD
4PI00000*CD	2015	4	TBD
4PI00000*CD	2016	5	TBD

The City was able to collect samples during all four quarters of 2013. Analyses of the samples were performed by MASI Environmental Laboratories and the Columbus Surveillance Laboratory. Each laboratory analyzed the samples with regard to the parameters summarized in **Table 2.**

Table 2: Summary of Laboratory Parameter Responsibility

MASI Environmental Laboratory		
Parameter	Abbreviation	Unit of Measure
Fecal Coliform	-	# / 100 ml
E. Coli	-	# / 100 ml
Nitrite	NO_2	mg / l
Total Phosphorous	-	mg / l
Orthophosphate	-	mg / l
Carbonaceous Biochemical Oxygen Demand	$CBOD_5$	mg / l
Biochemical Oxygen Demand	BOD_5	mg / l
Chemical Oxygen Demand	COD	mg / l
Columbus Surveillance Laboratory		
Parameter	Abbreviation	Unit of Measure
Total Suspended Solids	TSS	mg / l
Ammonia	NH3	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; and
- 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

During program years 1-6, five sampling locations throughout the City representing medium density residential, high density residential, multi-family residential, commercial, and industrial land uses were used in the program. The wet-weather water quality data from these sites were thoroughly analyzed and reviewed. In an effort to further characterize overall water quality of the City's MS4, the City requested (and was approved) that Ohio EPA allow establishment of three new sampling locations representing **residential, commercial, and industrial** land uses. In 2013 the City began using these newly established sampling locations in lieu of the previous five locations reported in years past. **Table 3,** below, presents a summary of the land use, tributary acreage, and location of these three new outfalls sampled.

Table 3: Summary of City Sampling Locations

Site	Land Use	Tributary Area (ac)	Location	Manhole (Structure) ID
OF-01-CD	Industrial	15	Dearborn Drive	0744T0035
OF-02-CD	Commercial	16	Scarborough Boulevard	0394T1216
OF-03-CD	Residential	16	Creighton Place & Arrowsmith Drive	0477T0395

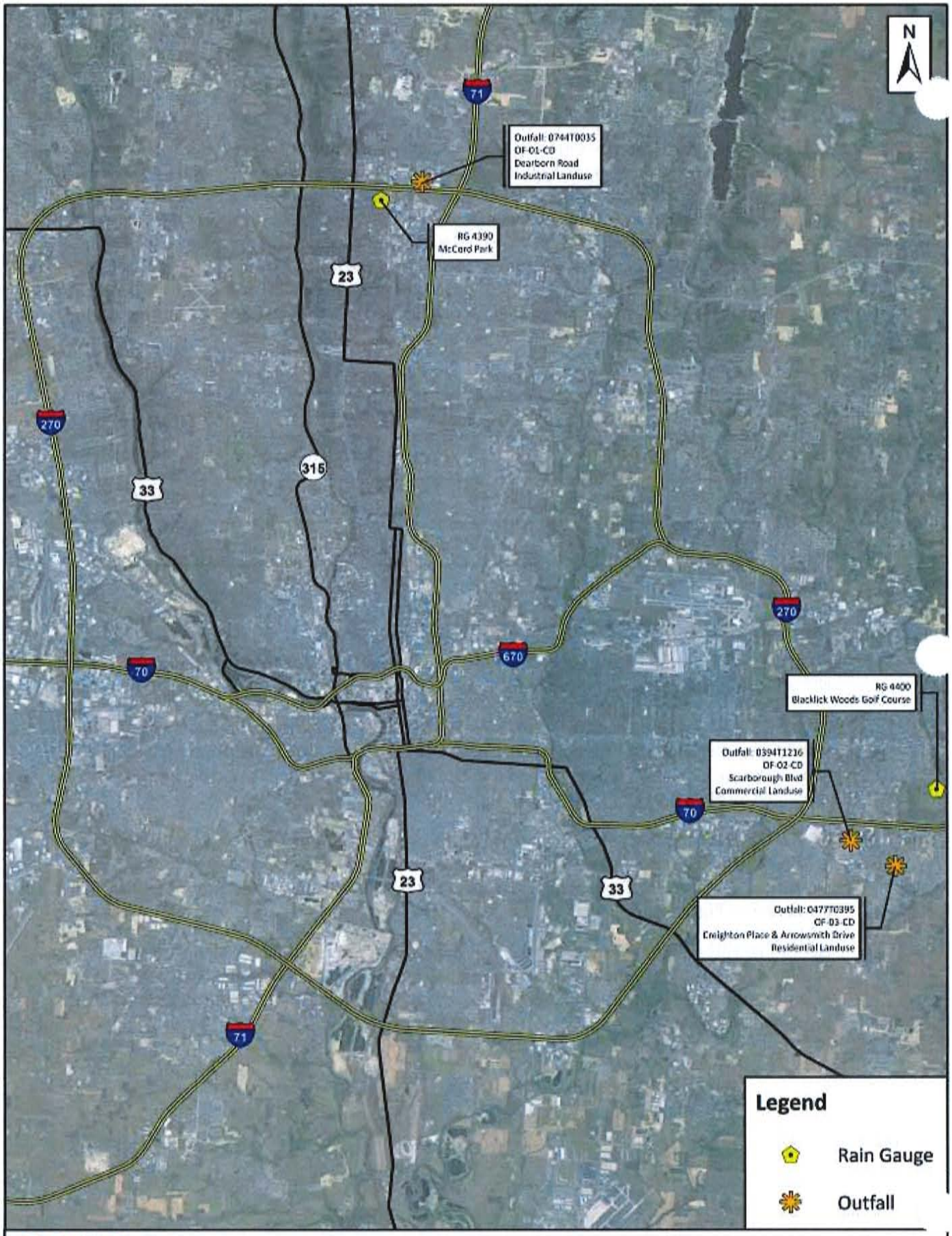
Description of Sampling Locations

Figure 1 illustrates the location of each sampling site as well as the nearest rain gauge. Each sampling site is described in further detail below:

OF-01-CD: This sampling point is located near Dearborn Drive approximately 550-feet southeast of Worthington Galena Road. The stormwater monitored at this location comes from a tributary area of approximately 15 acres of industrial land use. Photos and a site map of this sample location are presented on **Figure 2.**

OF-02-CD: This sampling point is located off Scarborough Boulevard approximately 1000-feet south of Alshire Road. The stormwater monitored at this location comes from a tributary area of approximately 16 acres of commercial land use. Photos and a site map of this sample location are presented on **Figure 3.**

OF-03-CD: This sampling point is located near the northwest corner of the intersection of Creighton Place and Arrowsmith Drive. The stormwater monitored at this location comes from a tributary area of approximately 16 acres of residential land use. Photos and a site map of this sample location are presented on **Figure 4.**



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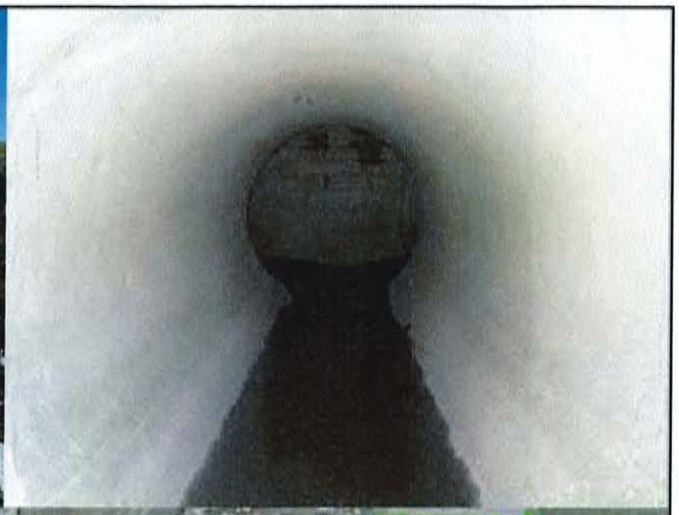
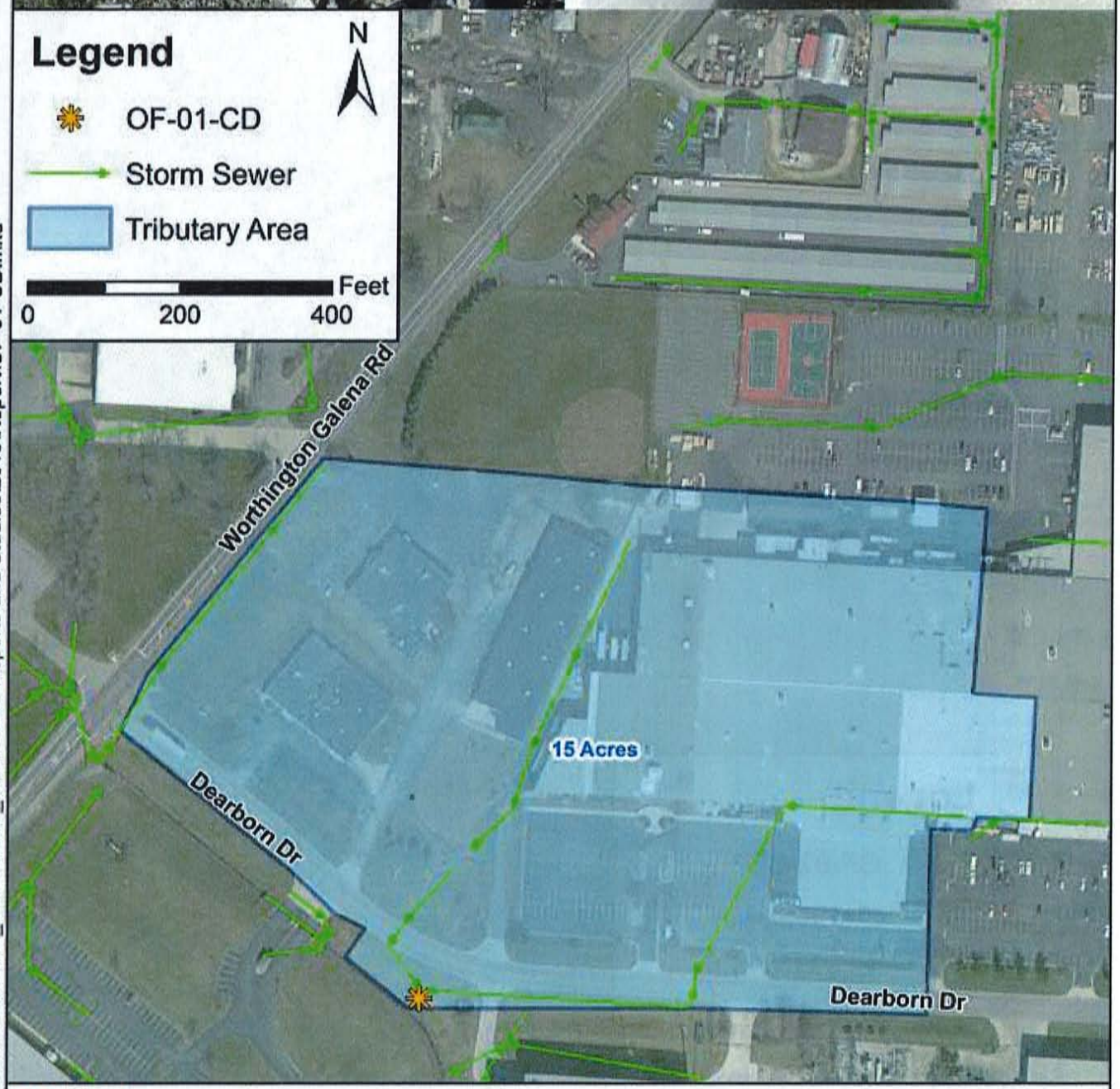
CDM Smith

2013 NPDES Stormwater Sampling
Three City Owned Outfalls

Figure 1
Outfall Locations





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CDM Smith

2013 NPDES Stormwater Sampling
Three City Owned Outfalls

Figure 2
Outfall OF-01-CD

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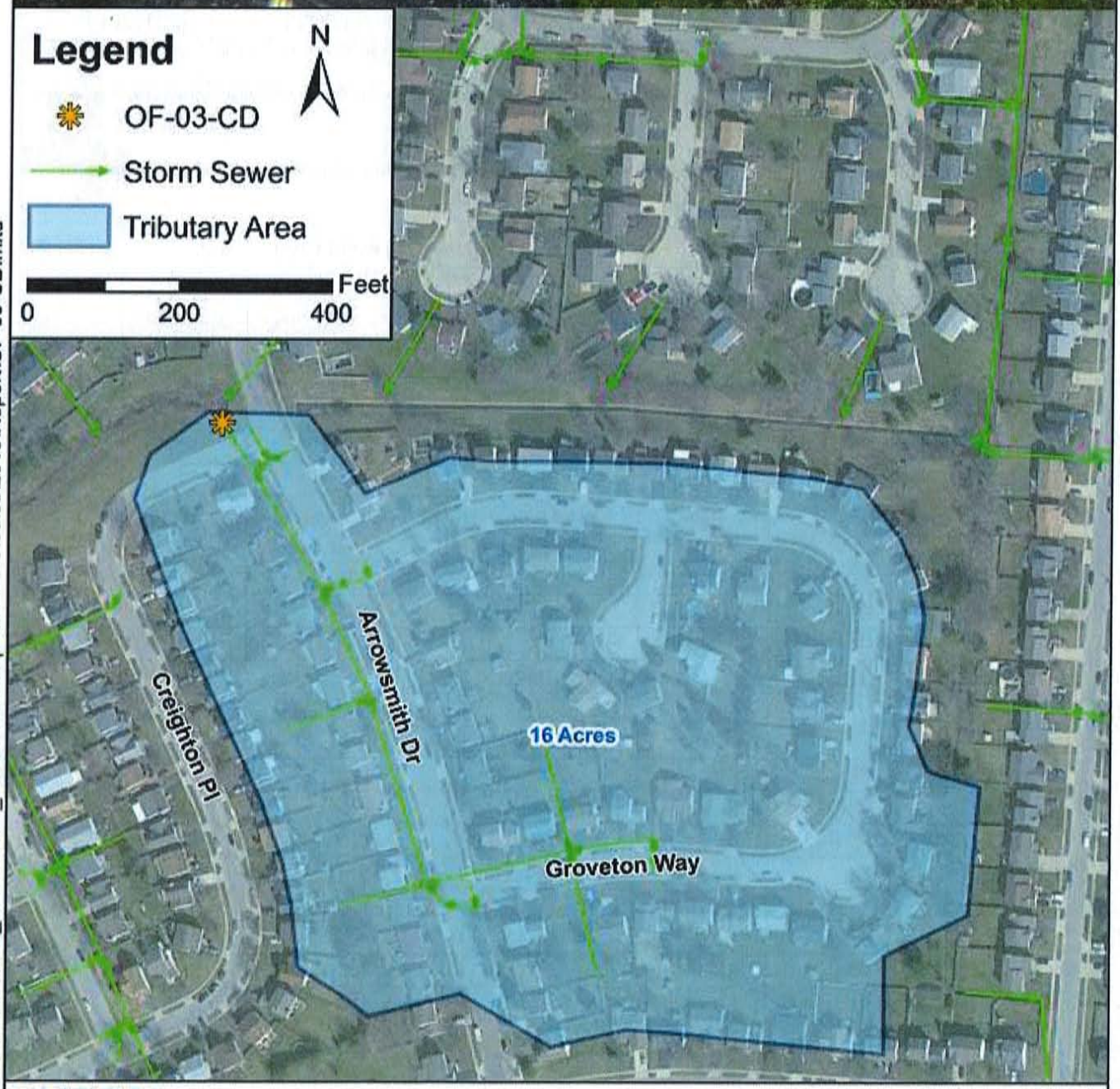
CDM Smith

2013 NPDES Stormwater Sampling
Three City Owned Outfalls

Figure 3
Outfall OF-02-CD



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CDM Smith

2013 NPDES Stormwater Sampling
Three City-Owned Outfalls

Figure 4
Outfall OF-03-CD

Sampling Events and Rainfall Data

Rainfall event characteristics for each sampling event in 2013 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 1 through 4.

Table 4 – Summary of Sampling Events (by location)

Location	Quarter 1	Quarter 2	Quarter 3	Quarter 4
OF-01-CD	03/18/2013	04/24/2013	09/11/2013	10/31/2013
OF-02-CD	03/18/2013[1]	04/24/2013	09/11/2013	10/31/2013
OF-03-CD	03/18/2013[2]	04/24/2013	09/11/2013	10/31/2013

[1] Bacterial samples for the Equipment Blank sample were not analyzed. The sample containers were damaged during the storage / transportation process not leaving enough sample volume for analysis.

[2] Bacterial samples for the Equipment Blank and Field Blank samples were not analyzed. Transportation time from sample collection to delivery [at lab] exceed the allowable window for accurate bacteria analysis.)

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 5 – Summary of Rainfall Data (by event date)

Quarter 1				
Location	Rain Gauge	Total Rain Volume(in)	Antecedent Period (day)	Duration (hr:min)
OF-01-CD	RG 4390	0.91	2.0	6:45
OF-02-CD	RG 4400	0.95	2.0	14:40
OF-03-CD	RG 4400	0.95	2.0	14:40
Quarter 2				
Location	Rain Gauge	Total Rain Volume(in)	Antecedent Period (day)	Duration (hr:min)
OF-01-CD	RG 4390	0.60	5.0	2:43
OF-02-CD	RG 4400	0.75	5.0	4:40
OF-03-CD	RG 4400	0.75	5.0	4:40
Quarter 3				
Location	Rain Gauge	Total Rain Volume(in)	Antecedent Period (day)	Duration (hr:min)
OF-01-CD	RG 4390	0.95	10.4	6:30
OF-02-CD	RG 4400	0.43	12.2	1:40
OF-03-CD	RG 4400	0.43	12.2	1:40
Quarter 4				
Location	Rain Gauge	Total Rain Volume(in)	Antecedent Period (day)	Duration (hr:min)
OF-01-CD	RG 4390	0.99	8.2	5:43
OF-02-CD	RG 4400	0.87	8.2	11:20
OF-03-CD	RG 4400	0.87	8.2	11:20

NPDES Wet Weather Sampling Results

This section presents data for each sampled quarter in 2013 as analyzed by MASI Environmental Laboratory and the Columbus Surveillance Laboratory. These values are reported for each location in Tables 6 through 9 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 with time-weighted compositing, and EMC concentrations are estimated from that sample. The flow-weighted/time-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 OF-01-CD (Dearborn Road) during Quarters 1 through 4 (Table 6). The Total Phosphorus values determined from the flow-weighted composite samples were 0.09 mg/l, 0.23 mg/l, 0.18 mg/l and <0.050 mg/l, respectively. These values are considered to be an EMC for Total Phosphorus for each event. The annual average (mean) of these values was determined by averaging 0.09, 0.23, 0.18 and 0.05 to get 0.14 mg/l, which is the annual mean Total Phosphorus EMC for OF-01-CD (Dearborn Road) in 2013.

Comparison of 2013 Wet Weather Monitoring Data

Evaluation of 2013 Columbus Monitoring Data

Table 9, also found in Appendix B, compares the average quarterly values of EMCs generated in 2013. Comparison of the 2013 data and average EMCs reveal the following observations:

- Concentrations of individual parameters varied by site and event as found in the results from previous years.
- Quarter 3 EMC values are generally higher than other quarters for respective locations and parameters but within the same order of magnitude. This is likely due to the longer antecedent period (10-days) for the sampled rain event.

- Although zinc concentrations are generally higher than all other metals at all sampling locations throughout 2013, the overall concentration of zinc was within the same order of magnitude of previous years' averages for commercial and residential land uses, and an order of magnitude less than 2007-2012 averages for the industrial land use.

Evaluation of 2007-2013 Columbus Monitoring Data

Table 10, also found in Appendix B, compares the Program's average annual EMC values for each parameter at each sampling location with that of past years' of the program(note these are separated by land-use, however, as previously discussed, sampling locations from 2007-2012 are different than 2013.) Evaluation of this data reveals the following observations;

- EMC concentrations of total recoverable metals at OF-01-CD (industrial land use) are lower than recorded in previous years for the same land use, and also are close to the EMC values of other land uses recorded in 2013.
- The average total recoverable metals for industrial and commercial areas are slightly higher but within the same order of magnitude of than those recorded in residential areas.

Comparison of Columbus Monitoring Data to NSQD Values

National Stormwater Quality Database (NSQD) Version 3 was compared to the sampling results obtained from the three 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 5**, below, illustrates how to interpret the elements shown in box and whisker plots.

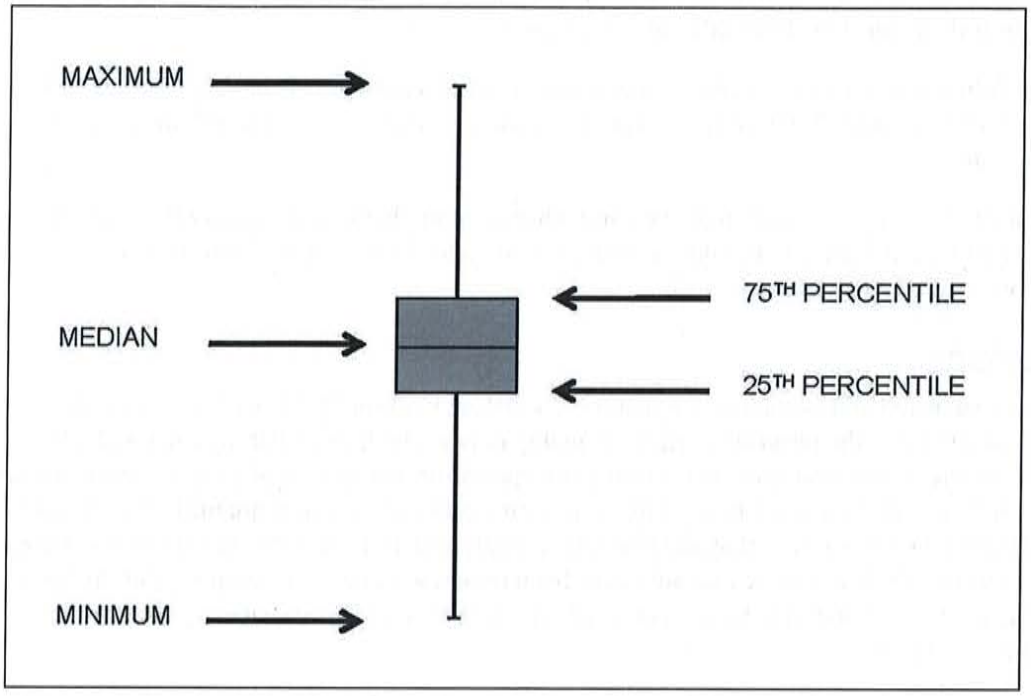


Figure 5 – Box and Whisker Plot Interpretation

Box and whisker plots of the NSQD records were created for 14 parameters of interest, which included BOD_5, 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 2013 sampling data, along with the mean and median values of the City's combined 2007 through 2013 data.

Each of the three 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 12**, below.

Table 12 – Land Use Designation of Sampling Sites

Sampling Site	Land Use
OF-01-CD	Industrial
OF-02-CD	Commercial
OF-03-CD	Residential

The 2013 City sampling values, and seven-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:

- Total recoverable metal concentrations were less than the NSQD 75th percentile, and in most cases are less than the NSQD 50th percentile, indicating less than the national averages.
- Average zinc concentrations at OF-CD-01 (industrial land use) are less than the NSQD 25th percentile.

- Average cadmium EMC values are below the 25th percentile for all land uses, and are significantly lower than 2007-2012 average values.
- Fecal Coliform concentrations for all three sites were generally lower than the average EMC values collected from 2007-2012 at all previous sites, and are also at or below the NSQD 75th percentile.

Not all parameters are represented in the box and whisker plots shown in Appendix D. *E. coli*, $CBOD_5$, Alkalinity, cyanide, orthophosphate, and nitrite are not included in the comparisons because less than 100 events were available within the NSQD.

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) or removed from the report.

2013 average EMC values from site OF-01-CD (industrial land use) are below the NSQD median for all metals sampled, suggesting the high EMC values of total recoverable metals, specifically zinc, found at the 2007-2012 sampling site MH-03 (industrial land use) may be generated by sources other than stormwater, as suggested in prior reports.

Average concentrations of total recoverable metals, dissolved oxygen, bacterial, nutrients, and oil and grease are generally within the same order of magnitude for residential and commercial land uses when compared to previous years and sampling locations with similar land uses.

The overall stormwater quality, as characterized in the 2013 Wet Weather Monitoring Program, varies 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 variation in antecedent conditions between storms.

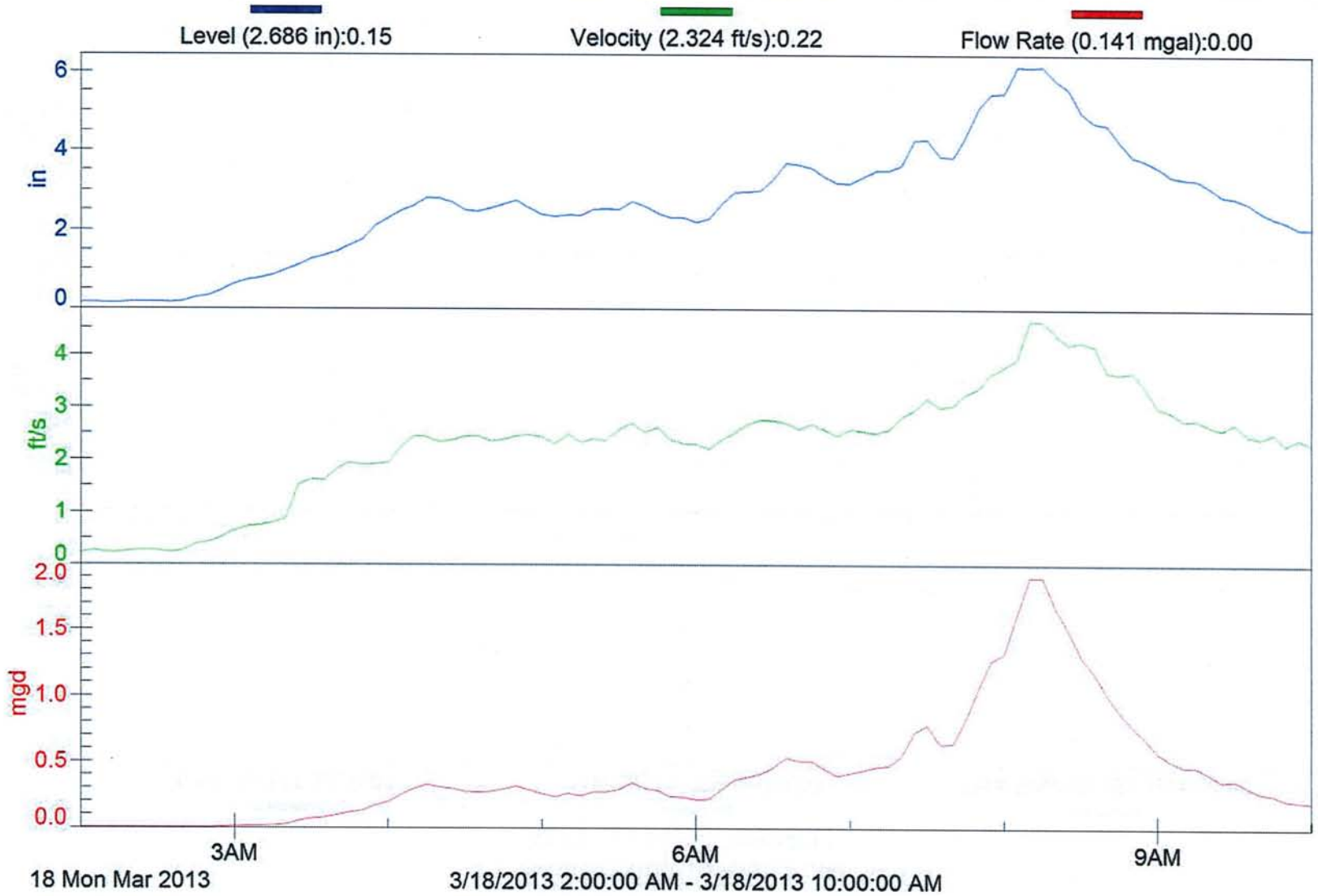
Appendix A

Rain Event Hydrographs

CDM Smith

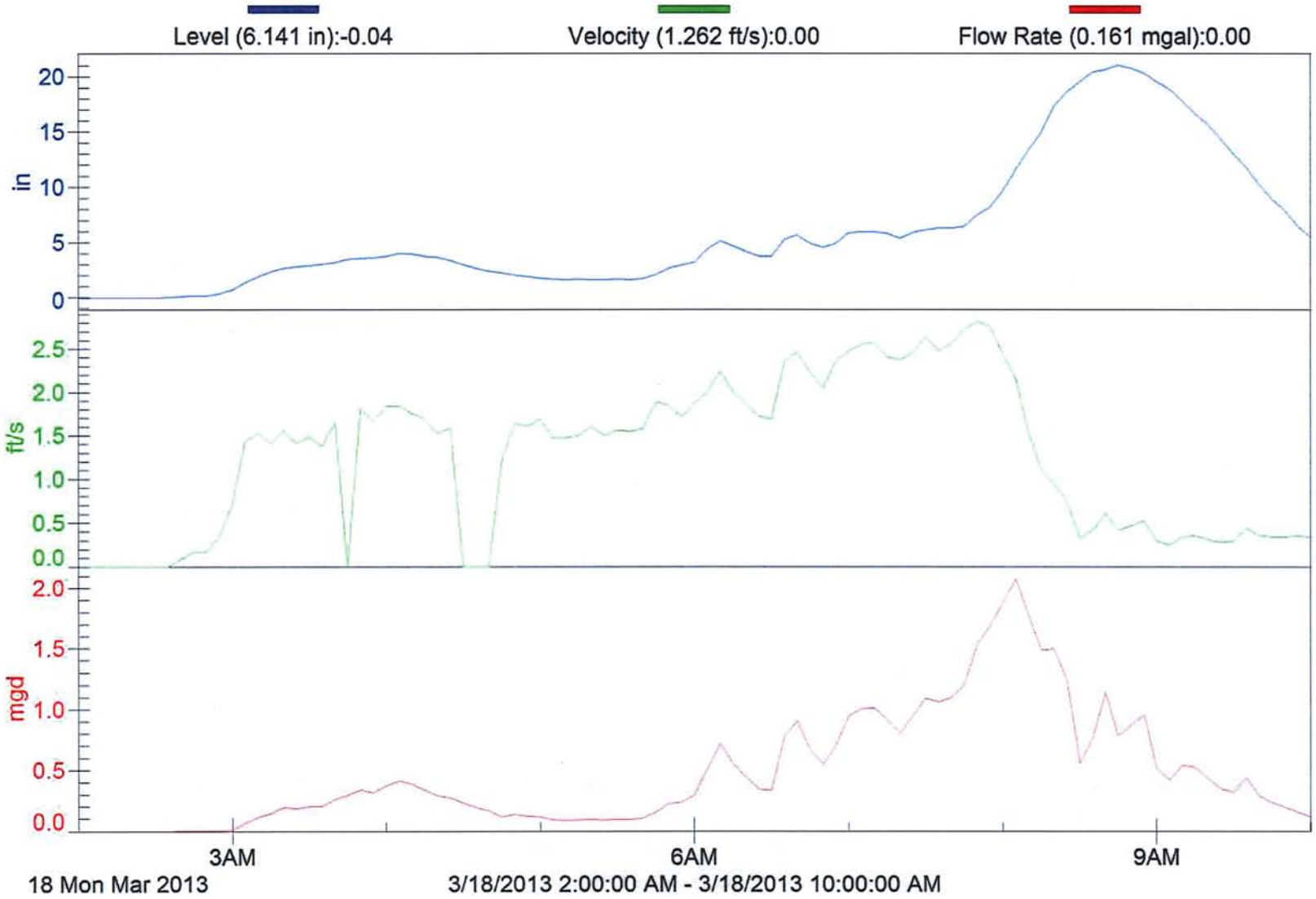
Dearborn Road

Quarter 1 - 2013: 18 March 2013



Scarborough Boulevard

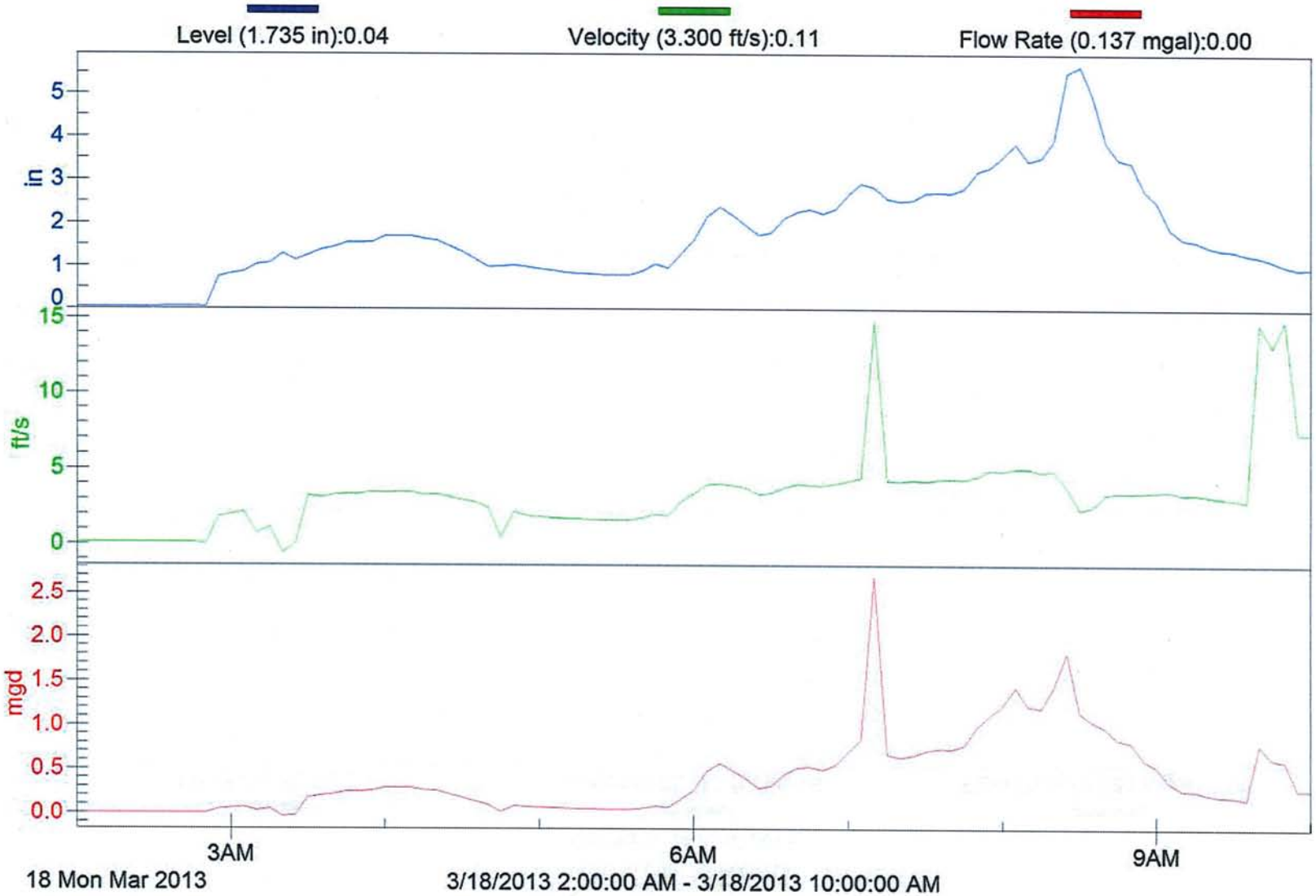
Quarter 1 - 2013: 18 March 2013



APPENDI

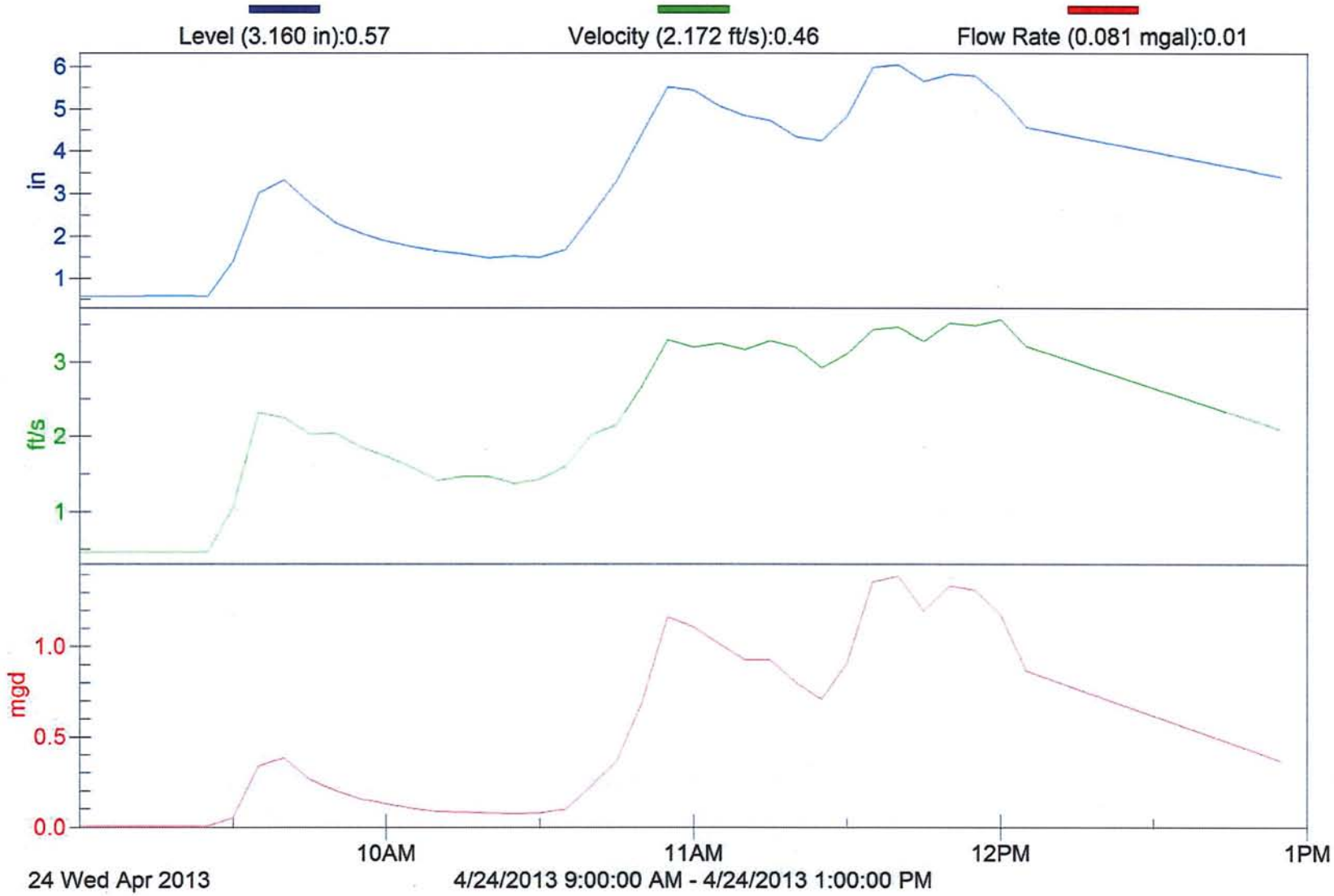
Creighton Place & Arrowsmith Drive

Quarter 1 - 2013: 18 March 2013



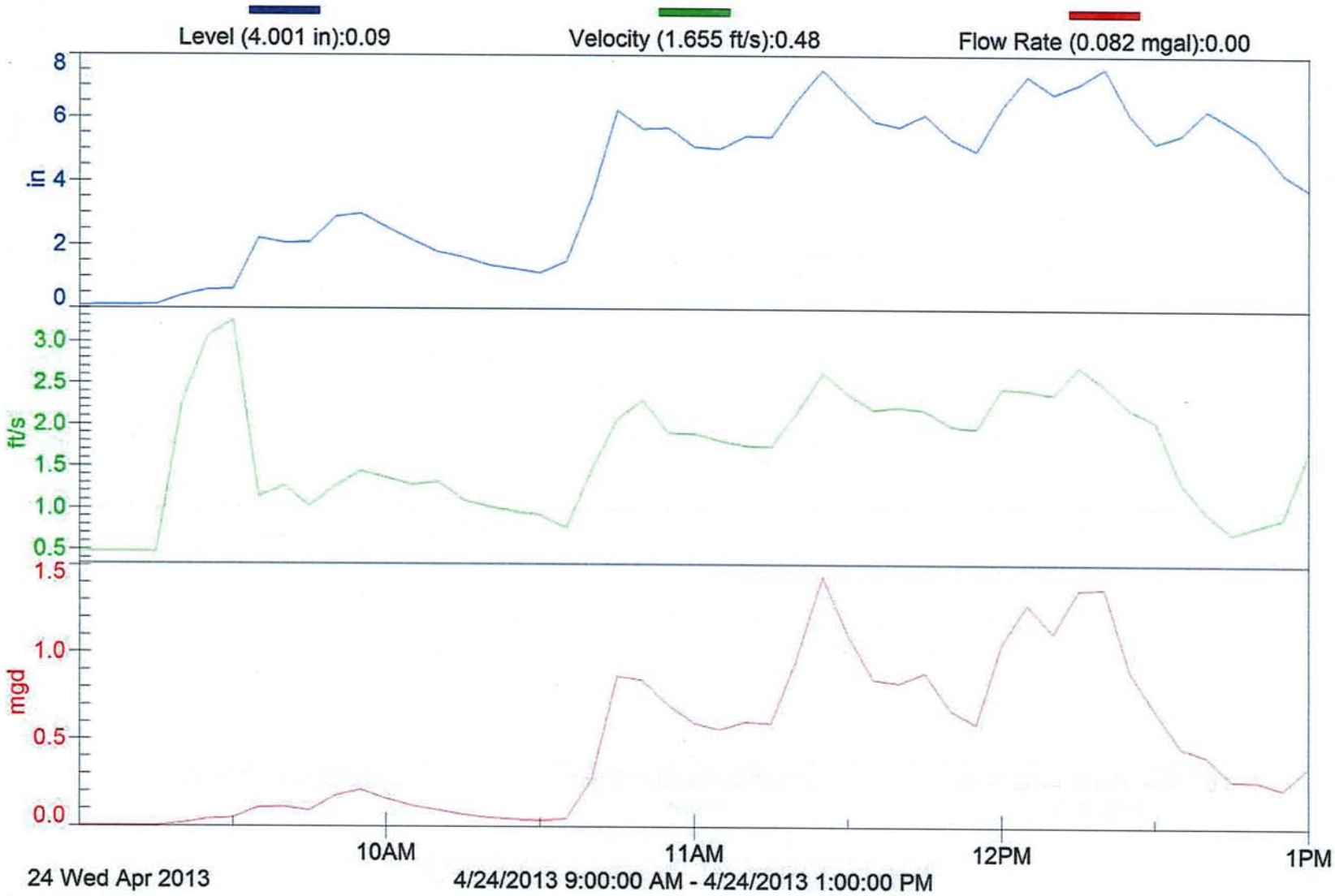
Dearborn Road

Quarter 2: 24 April 2013



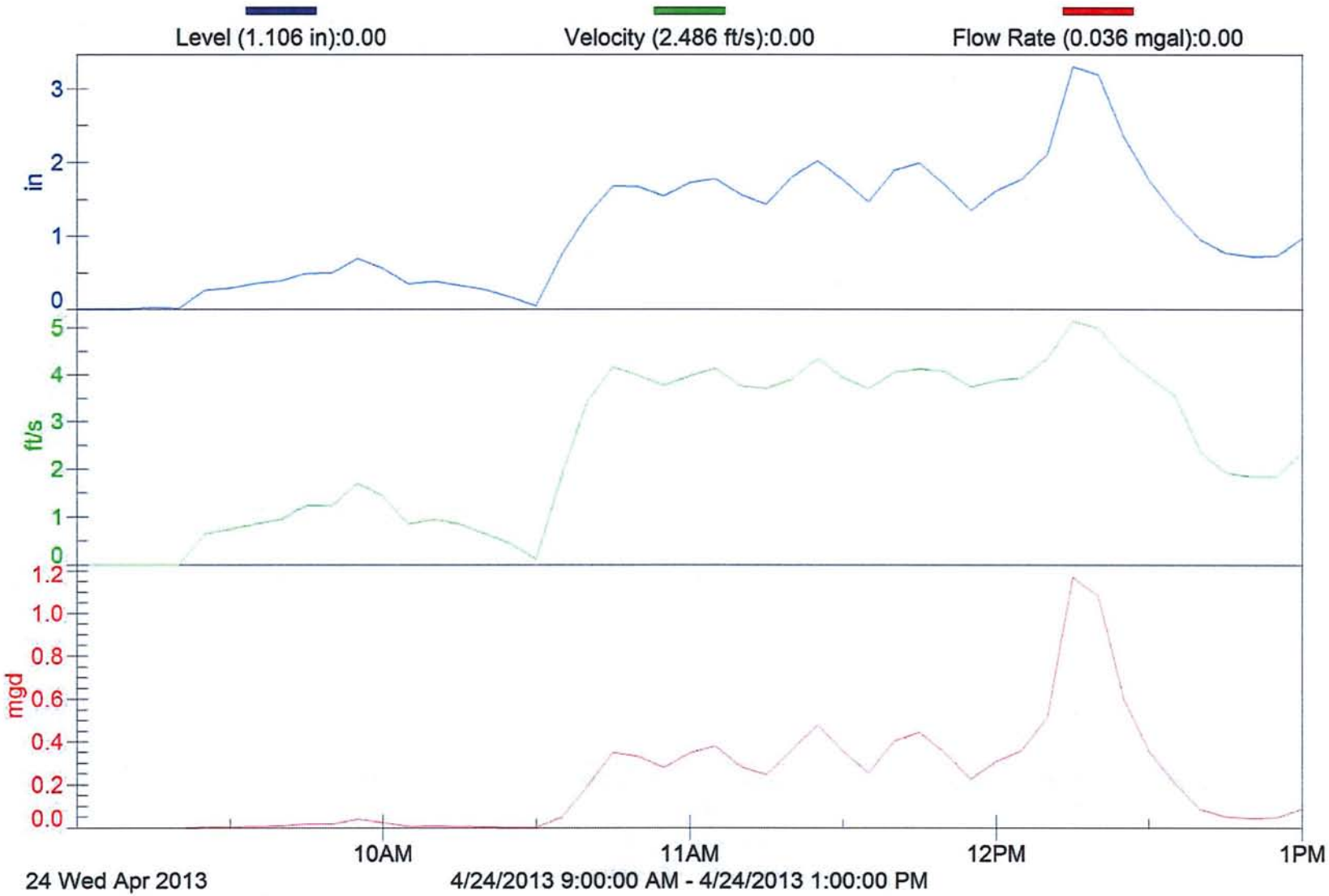
Scarborough Boulevard

Quarter 2: 24 April 2013



Creighton Place & Arrowsmith Drive

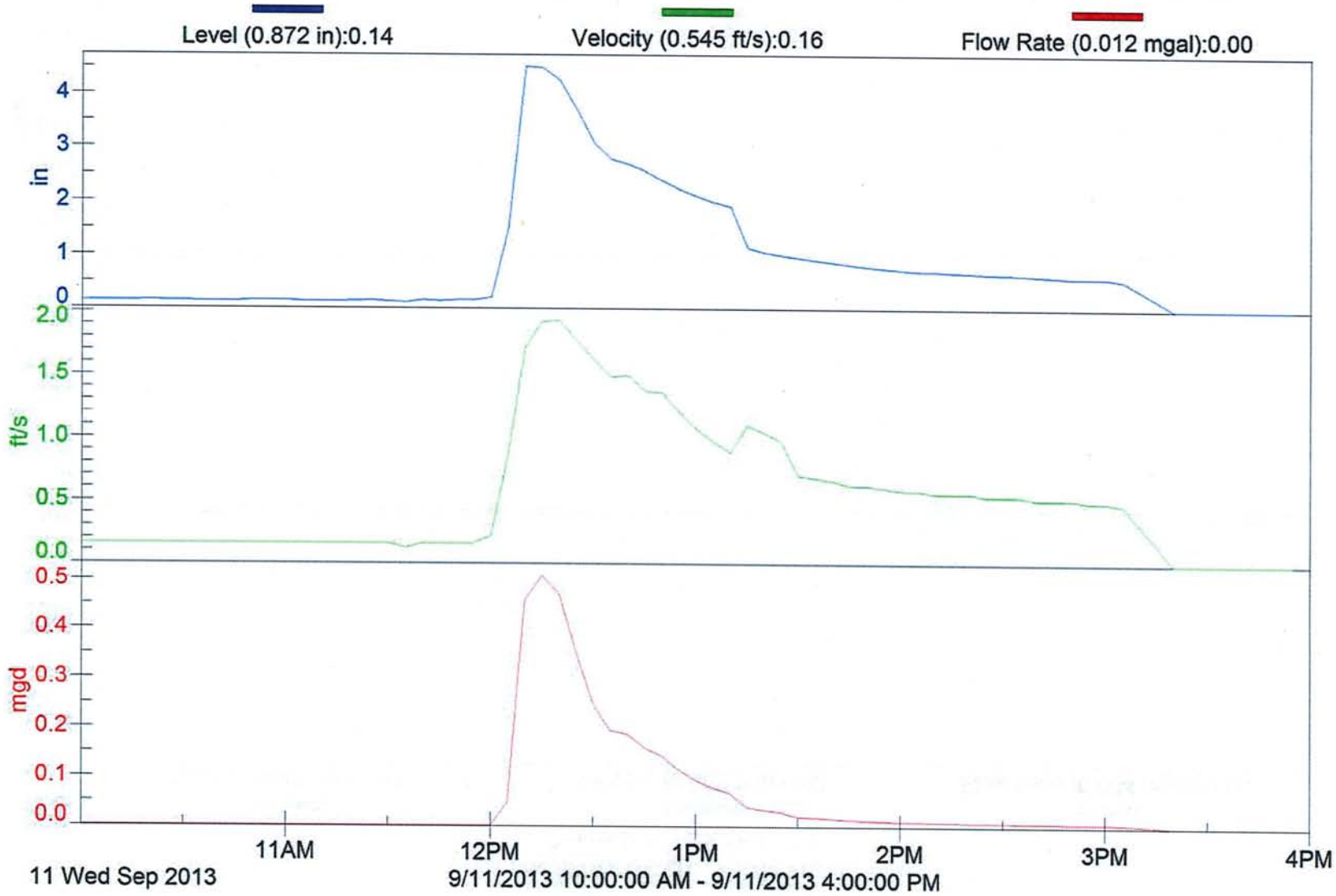
Quarter 2: 24 April 2013



APPENDI

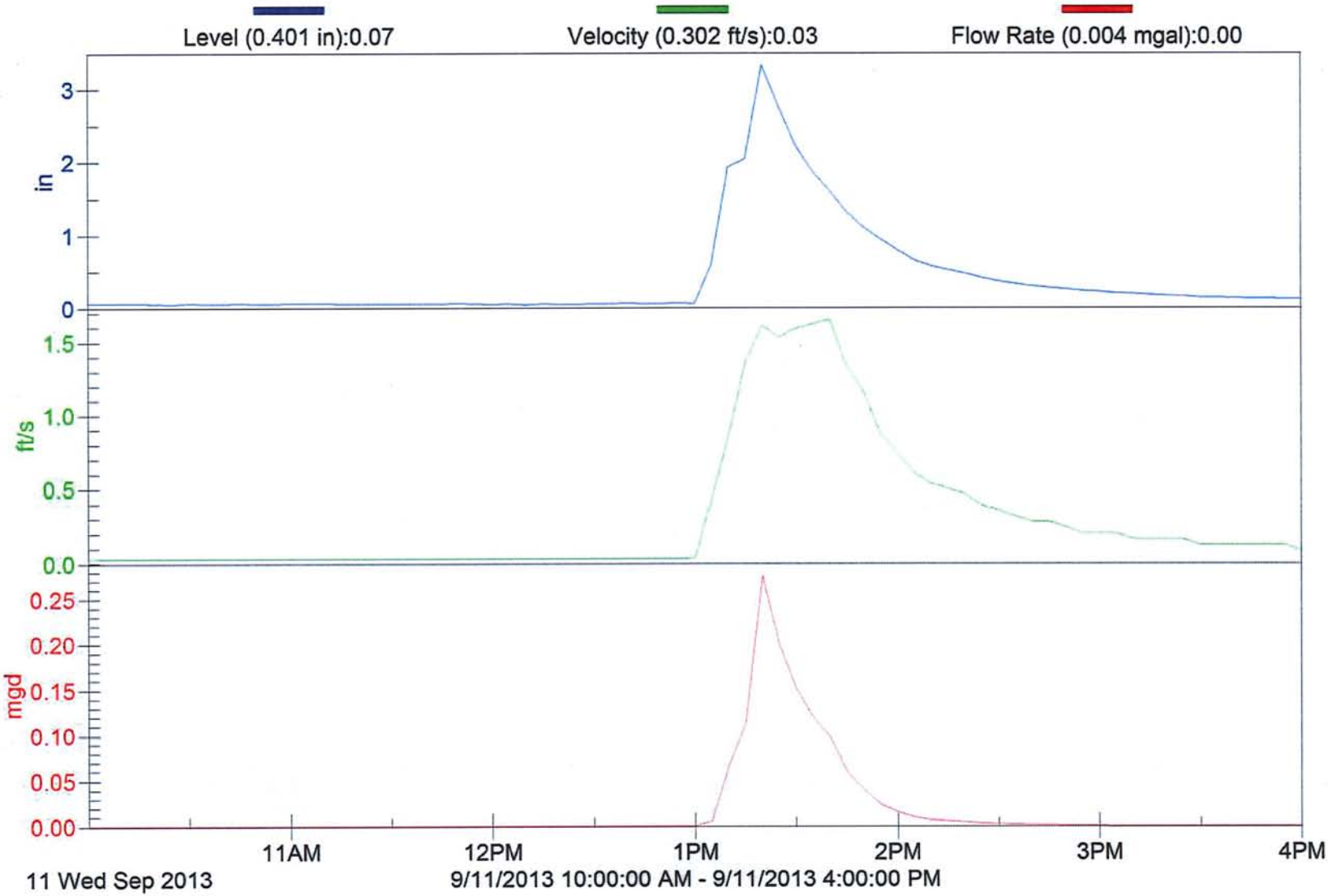
Dearborn Road

Quarter 3: 11 September 2013



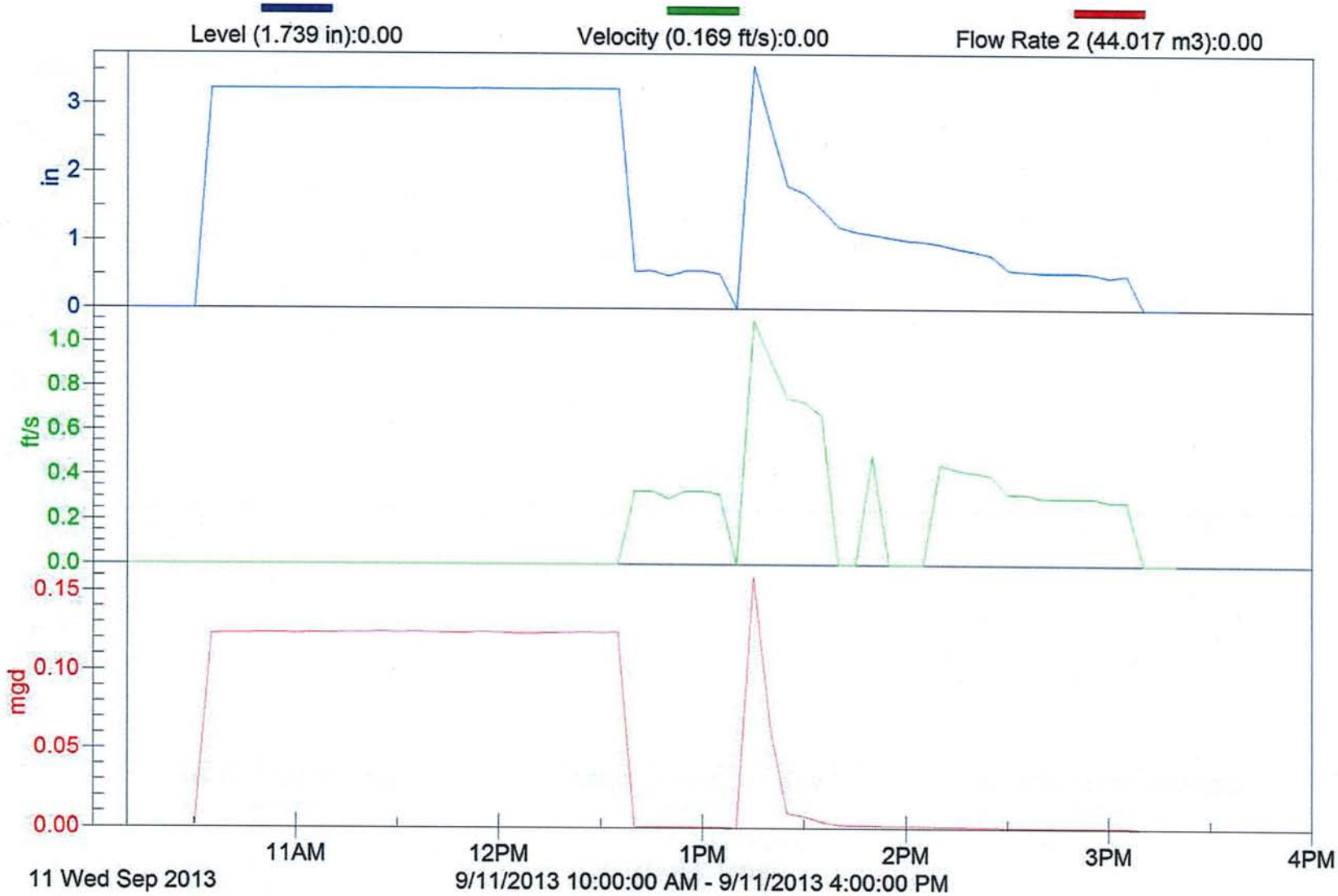
Scarborough Boulevard

Quarter 3: 11 September 2013



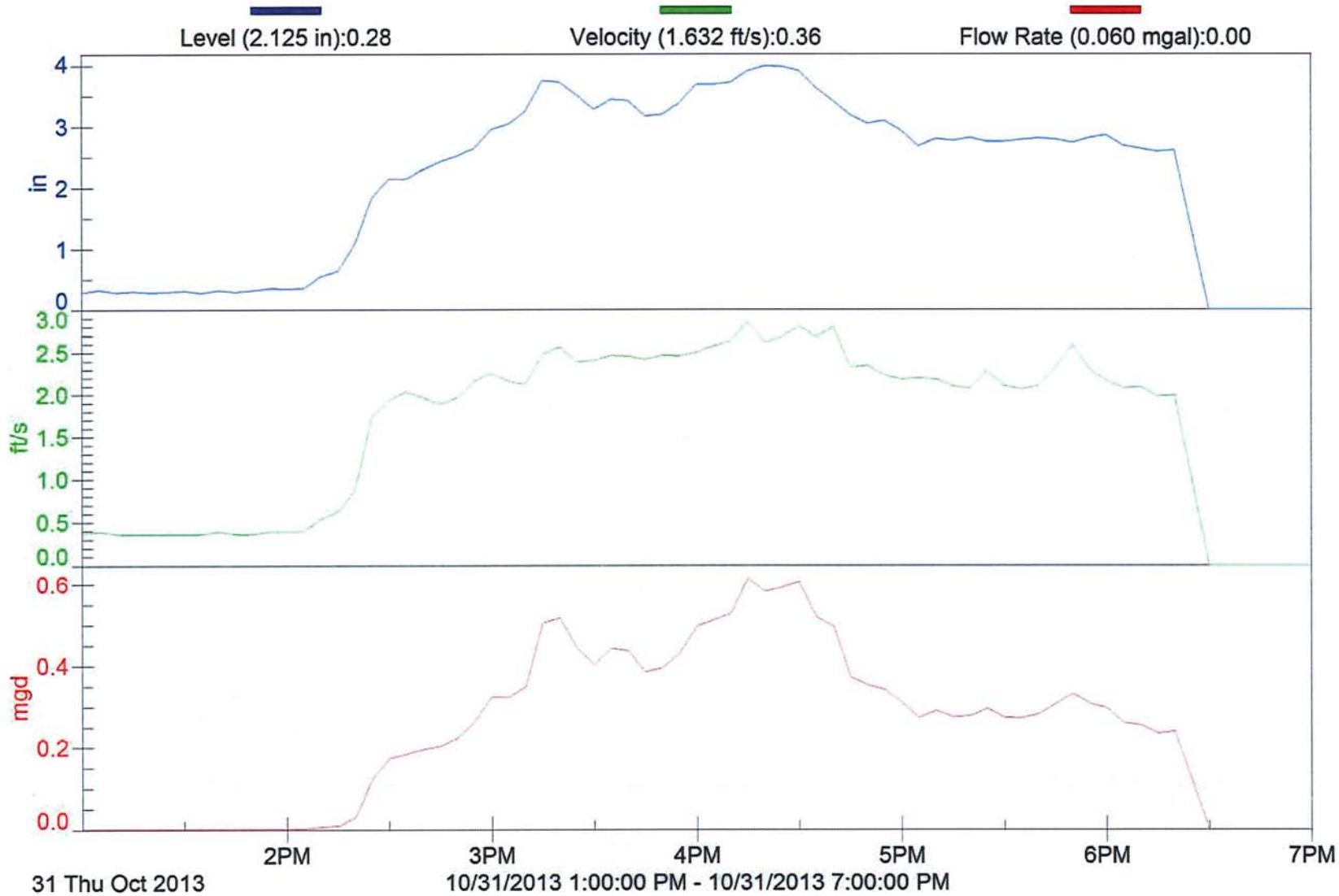
Creighton Place & Arrowsmith Drive

Quarter 3: 11 September 2013



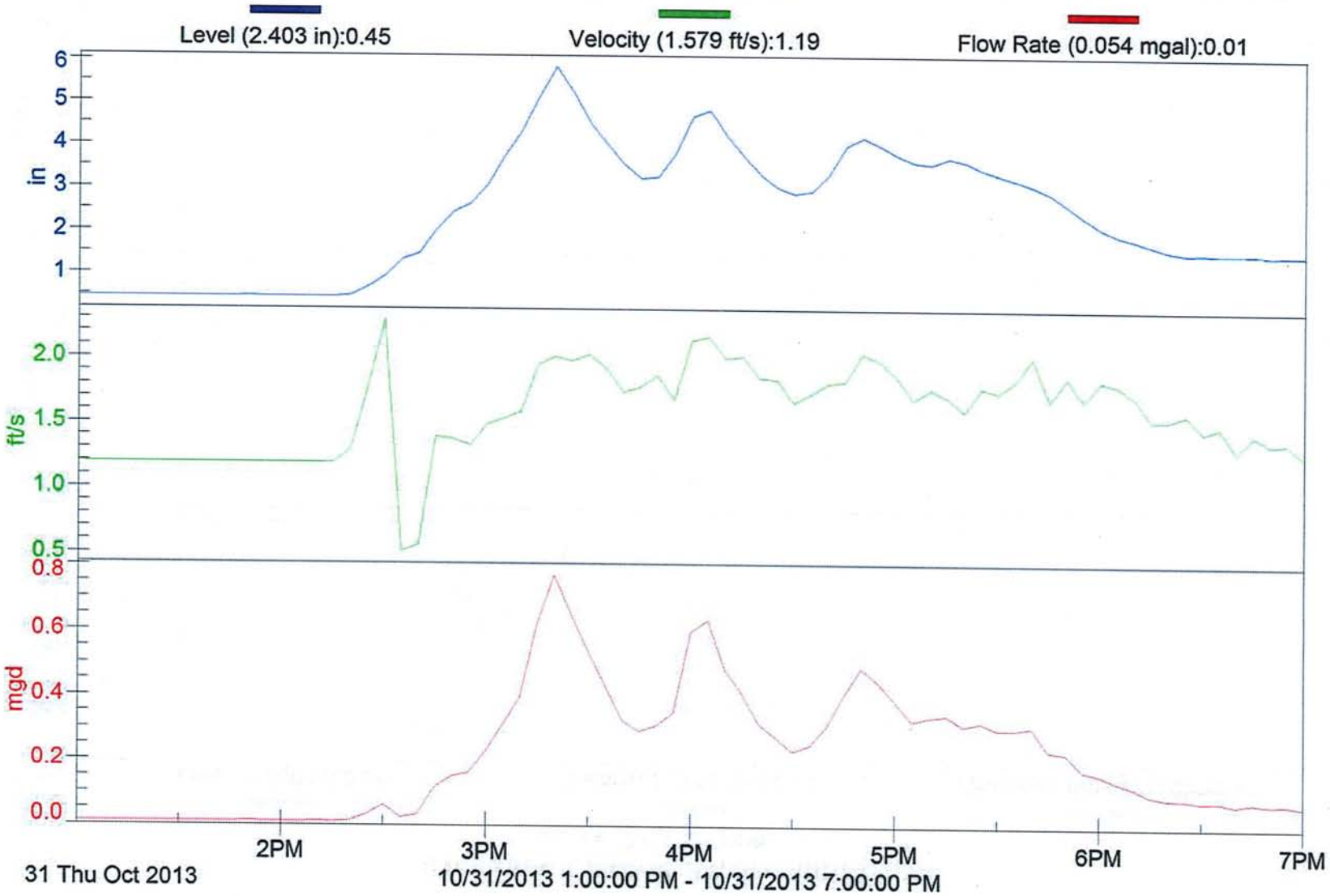
Dearborn Road

Quarter 4: 31 October 2013



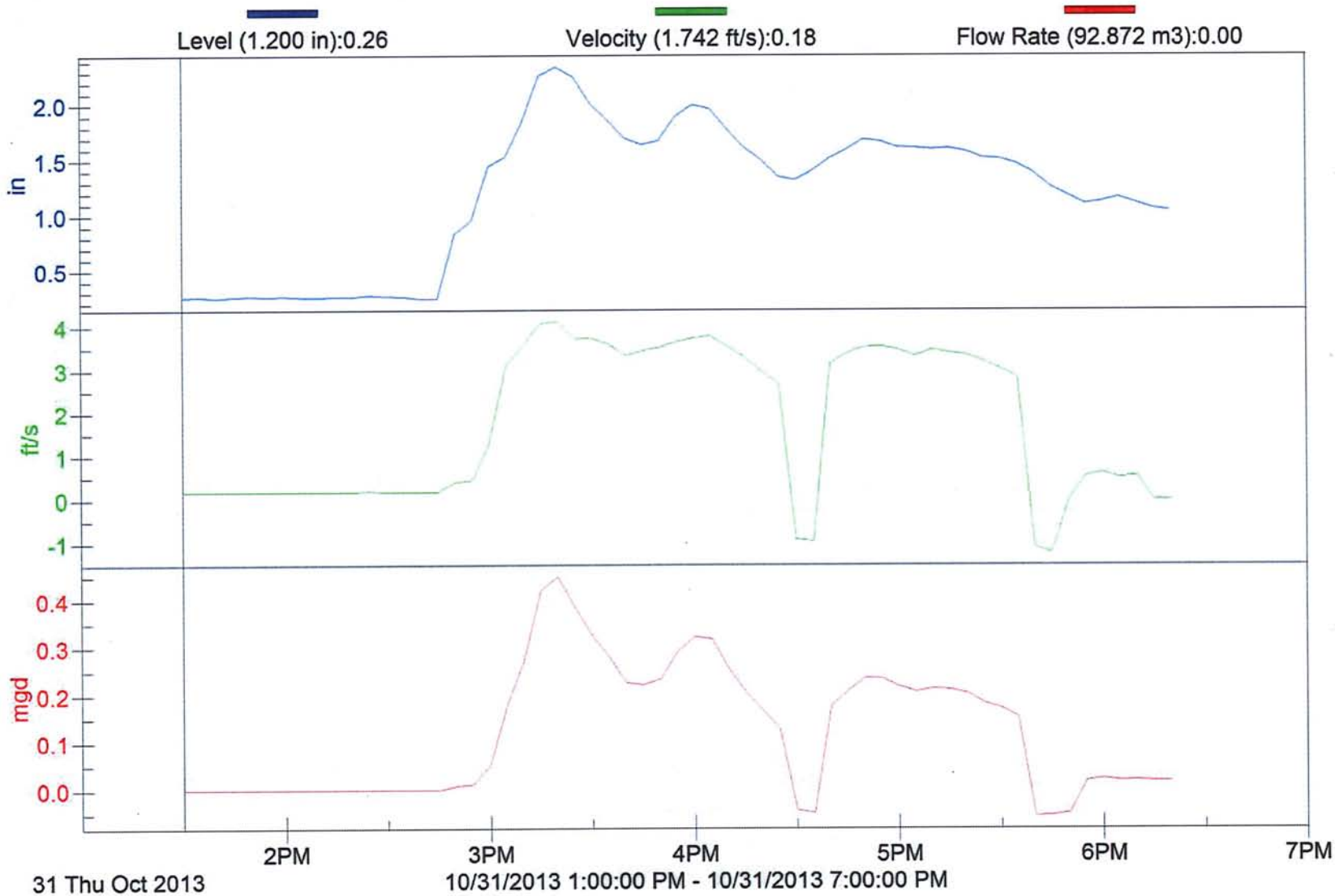
Scarborough Boulevard

Quarter 4: 31 October 2013



Creighton Place & Arrowsmith Drive

Quarter 4 - 2013: 31 October 2013



APPENDI

Appendix B

Tables 6 - 10

Table 6
OF-01-CD (Dearborn Road) Summary of Results
Industrial Landuse

Parameter	Units	Site and Storm Event				EMC (Event Mean Concentration)			
		OF-01-CD 03/18/13	OF-01-CD 04/24/13	OF-01-CD 09/11/13	OF-01-CD 10/31/13	N	Mean	Maximum	Minimum
BACTERIA									
Fecal Coliform	#/100ml	<100	1,407	52,034	5,546	4	14,772	52,034	100
E.coli	#/100ml	<100	693	34,900	1,354	4	9,262	34,900	100
OTHER									
$CBOD_5$	mg/l	5.00	8.00	11.00	4.00	4	7.00	11.00	4.00
BOD_5	mg/l	5.00	8.00	12.00	5.00	4	7.50	12.00	5.00
COD	mg/l	25.50	38.60	63.40	25.20	4	38.18	63.40	25.20
Alkalinity	mg/l	36.00	24.00	42.00	25.00	4	31.75	42.00	24.00
Oil & Grease	mg/l	<1.00	<1.00	<1.00	<1.00	4	1.00	1.00	1.00
Cyanide, Total	µg/L	0.00	<5.50	<5.00	<5.00	4	3.88	5.50	0.00
Hardness	mg/L	87.00	41.00	98.00	38.00	4	66.00	98.00	38.00
NUTRIENTS									
Orthophosphate	mg/L	0.05	0.07	0.10	0.07	4	0.07	0.10	0.05
Total Phosphorus	mg/L	0.09	0.23	0.18	<0.050	4	0.14	0.23	0.05
Ammonia	mg/L	0.11	0.32	0.50	0.15	4	0.27	0.50	0.11
Nitrite	mg/l	<0.10	<0.10	<0.10	<0.10	4	0.10	0.10	0.10
SOLIDS									
TSS	mg/L	<40	30.00	13.00	8.40	4	22.85	40.00	8.40
TOTAL RECOVERABLE METALS									
Cadmium (Cd)	µg/L	<0.017	0.02	0.05	0.02	4	0.03	0.05	0.02
Chromium (Cr)	µg/L	1.00	2.30	2.10	0.58	4	1.50	2.30	0.58
Copper (Cu)	µg/L	5.50	7.60	12.40	6.40	4	7.98	12.40	5.50
Lead (Pb)	µg/L	1.60	1.80	6.30	1.80	4	2.88	6.30	1.60
Nickel (Ni)	µg/L	2.10	1.60	3.60	1.40	4	2.18	3.60	1.40
Zinc (Zn)	µg/L	50.80	52.40	83.80	43.20	4	57.55	83.80	43.20

Table 7
OF-02-CD (Scarborough Blvd) Summary of Results
Commercial Landuse

Parameter	Units	Site and Storm Event				EMC (Event Mean Concentration)			
		OF-02-CD 03/18/13	OF-02-CD 04/24/13	OF-02-CD 09/11/13	OF-02-CD 10/31/13	N	Mean	Maximum	Minimum
BACTERIA									
Fecal Coliform	#/100ml	11,107	1,134	31,312	3,843	4	11,849	31,312	1,134
E.coli	#/100ml	10,940	547	2,143	832	4	3,616	10,940	547
OTHER									
$CBOD_5$	mg/l	5.00	7.00	58.00	4.00	4	18.50	58.00	4.00
BOD_5	mg/l	9.00	7.00	61.00	6.00	4	20.75	61.00	6.00
COD	mg/l	40.20	38.60	330.00	38.30	4	111.78	330.00	38.30
Alkalinity	mg/l	18.00	20.00	0.38	18.00	4	14.10	20.00	0.38
Oil & Grease	mg/l	1.30	4.10	2.40	1.60	4	2.35	4.10	1.30
Cyanide, Total	µg/L	<5.50	<5.50	<5.00	<5.00	4	5.25	5.50	5.00
Hardness	mg/L	42.00	36.00	130.00	30.00	4	59.50	130.00	30.00
NUTRIENTS									
Orthophosphate	mg/L	<0.05	0.08	0.22	<0.05	4	0.10	0.22	0.05
Total Phosphorus	mg/L	0.10	0.23	0.31	0.06	4	0.17	0.31	0.06
Ammonia	mg/L	0.21	0.25	1.30	0.15	4	0.48	1.30	0.15
Nitrite	mg/l	<0.10	<0.10	<0.10	<0.10	4	0.10	0.10	0.10
SOLIDS									
TSS	mg/L	<40	30.00	65.00	14.00	4	37.25	65.00	14.00
TOTAL RECOVERABLE METALS									
Cadmium (Cd)	µg/L	0.12	0.07	0.40	0.05	4	0.16	0.40	0.05
Chromium (Cr)	µg/L	3.80	11.20	5.90	2.80	4	5.93	11.20	2.80
Copper (Cu)	µg/L	7.30	8.80	36.50	7.40	4	15.00	36.50	7.30
Lead (Pb)	µg/L	3.10	3.00	5.80	1.90	4	3.45	5.80	1.90
Nickel (Ni)	µg/L	1.60	1.50	11.00	1.40	4	3.88	11.00	1.40
Zinc (Zn)	µg/L	58.40	50.40	341.00	48.50	4	124.58	341.00	48.50

Table 8
OF-03-CD (Creighton Place and Arrowsmith Drive) Summary of Results
Residential Landuse

Parameter	Units	Site and Storm Event				EMC (Event Mean Concentration)			
		OF-03-CD 03/18/13	OF-03-CD 04/24/13	OF-03-CD 09/11/13	OF-03-CD 10/31/13	N	Mean	Maximum	Minimum
BACTERIA									
Fecal Coliform	#/100ml	219	1,694		30,190	3	10,701	30,190	219
E.coli	#/100ml	248	157		17,071	3	5,825	17,071	157
OTHER									
$CBOD_5$	mg/l	<0.10	8.00	8.00	9.00	4	6.28	9.00	0.10
BOD_5	mg/l	6.00	8.00	10.00	11.00	4	8.75	11.00	6.00
COD	mg/l	7.00	41.50	45.80	35.60	4	32.48	45.80	7.00
Alkalinity	mg/l	16.00	18.00	17.00	20.00	4	17.75	20.00	16.00
Oil & Grease	mg/l	<1.00	<1.00	<1.00	<1.00	4	1.00	1.00	1.00
Cyanide, Total	µg/L	<5.50	<5.50	<5.00	<5.00	4	5.25	5.50	5.00
Hardness	mg/L	21.00	26.00	29.00	26.00	4	25.50	29.00	21.00
NUTRIENTS									
Orthophosphate	mg/L	<0.05	0.08	0.15	0.08	4	0.09	0.15	0.05
Total Phosphorus	mg/L	0.09	0.24	0.19	0.13	4	0.16	0.24	0.09
Ammonia	mg/L	0.15	0.30	0.38	0.10	4	0.23	0.38	0.10
Nitrite	mg/l	**	<0.10	<0.10	<0.10	3	0.10	0.10	0.10
SOLIDS									
TSS	mg/L	<13	34.00	8.80	10.00	4	16.45	34.00	8.80
TOTAL RECOVERABLE METALS									
Cadmium (Cd)	µg/L	<0.017	0.02	0.05	0.02	4	0.03	0.05	0.02
Chromium (Cr)	µg/L	0.82	0.88	0.98	0.59	4	0.82	0.98	0.59
Copper (Cu)	µg/L	7.30	7.60	11.00	8.30	4	8.55	11.00	7.30
Lead (Pb)	µg/L	0.53	1.00	<0.65	0.54	4	0.68	1.00	0.53
Nickel (Ni)	µg/L	1.30	0.96	1.30	1.00	4	1.14	1.30	0.96
Zinc (Zn)	µg/L	15.90	23.10	17.10	17.00	4	18.28	23.10	15.90

** MASI Laboratory reported a value of 22.6 which was removed from the dataset because it was viewed as an outlier, and not consistent with the last 7 years of reported data for this landuse.

Table 9
Summary of Average 2013 Event Mean Concentrations (EMC)

Parameter	Units	Site		
		OF-01-CD	OF-02-CD	OF-03-CD
		Industrial	Commercial	Residential
BACTERIA				
Fecal Coliform	#/100ml	14,772	11,849	10,701
E.coli	#/100ml	9,262	3,616	5,825
OTHER				
CBOD5	mg/l	7.00	18.50	6.28
BOD5	mg/l	7.50	20.75	8.75
COD	mg/l	38.18	111.78	32.48
Alkalinity	mg/l	31.75	14.10	17.75
Oil & Grease	mg/l	1.00	2.35	1.00
Cyanide, Total	µg/L	3.88	5.25	5.25
Hardness	mg/L	66.00	59.50	25.50
NUTRIENTS				
Orthophosphate	mg/L	0.07	0.10	0.09
Total Phosphorus	mg/L	0.14	0.17	0.16
Ammonia	mg/L	0.27	0.48	0.23
Nitrite	mg/l	0.10	0.10	0.10
SOLIDS				
TSS	mg/L	22.85	37.25	16.45
TOTAL RECOVERABLE METALS				
Cadmium (Cd)	µg/L	0.03	0.16	0.03
Chromium (Cr)	µg/L	1.50	5.93	0.82
Copper (Cu)	µg/L	7.98	15.00	8.55
Lead (Pb)	µg/L	2.88	3.45	0.68
Nickel (Ni)	µg/L	2.18	3.88	1.14
Zinc (Zn)	µg/L	57.55	124.58	18.28

Table 10
Summary of Annual Means Recorded Program-wide

Parameter	Units	Industrial Land Use								Commercial Land Use								Residential Land Use							
		MH-03							OF-01-CD	MH-02							OF-02-CD	MH-1A, MH-4B, MH-05							OF-03-CD
		2007	2008	2009	2010	2011	2012	Mean	2013	2007	2008	2009	2010	2011	2012	Mean	2013	2007	2008	2009	2010	2011	2012	Mean	2013
BACTERIA																									
Fecal Coliform	#/100ml	36,040.0	18,453.0	3,097.0	27,803.0	14,021.8	245,849.3	57,544.0	14,771.8	17,346.7	1,872.0	32,038.7	7,837.7	12,708.0	133,545.7	34,224.8	4,804.0	32,693.3	18,111.1	8,184.9	36,741.2	7,861.4	322,055.1	70,941.2	10,701.0
E Coli	#/100ml	13,077.5	15,542.8	2,547.5	20,241.5	10,336.3	47,970.7	18,286.0	9,261.8	14,293.3	1,468.5	24,732.3	5,339.0	8,544.5	18,209.0	12,097.8	3,615.5	10,801.7	14,471.3	5,712.4	25,215.2	6,234.4	120,058.9	30,415.6	5,825.3
OTHER																									
$CBOD_5$	mg/l	8.5	19.4	19.3	32.7	15.0	22.3	19.5	7.0	8.5	10.0	4.7	8.6	5.5	7.4	7.4	18.5	10.5	22.6	6.1	21.7	14.0	18.5	15.6	6.3
BOD_5	mg/l	12.7	31.0	24.0	35.1	18.7	30.0	25.2	7.5	11.0	11.2	6.8	10.3	6.1	8.4	8.9	20.8	11.2	31.1	8.9	24.9	5.9	21.0	17.2	8.8
COD	mg/l	211.2	307.1	205.7	237.3	183.8	252.3	232.9	38.2	50.5	59.8	37.0	49.1	45.4	34.3	46.0	111.8	67.1	93.5	37.1	111.8	27.8	64.9	67.0	32.5
Alkalinity	mg/l	129.3	134.0	212.3	124.7	142.0	203.3	157.6	31.8	56.3	34.0	45.5	30.9	51.0	32.7	41.7	14.1	73.4	62.2	46.7	63.1	90.3	33.3	61.5	17.8
Oil & Grease	mg/l	8.1	13.8	10.6	5.9	8.6	9.5	9.4	1.0	2.5	3.5	8.8	14.2	4.2	1.2	5.7	2.4	3.1	3.0	2.4	2.3	1.4	2.0	2.4	1.0
Cyanide, Total	µg/L	3.9	6.8	5.5	6.5	1.1	3.7	4.6	3.3	4.9	5.6	5.5	3.5	0.9	3.7	4.0	5.2	3.5	4.2	7.6	3.7	1.1	4.2	4.0	5.3
Hardness	mg/L	288.5	337.5	212.5	185.0	257.5	310.0	265.2	66.0	129.7	84.0	79.8	75.3	105.0	71.0	90.8	59.5	134.3	89.4	59.5	96.1	157.5	56.9	99.0	25.5
NUTRIENTS																									
Orthophosphate	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Phosphorus	mg/L	0.4	0.6	0.4	0.3	0.3	1.4	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.4	0.2	0.3	0.2	0.3	0.3	0.1
Ammonia	mg/L	0.7	0.6	0.2	0.7	0.5	0.4	0.5	0.3	1.4	0.4	0.2	0.4	0.5	0.4	0.6	0.5	0.3	0.4	0.2	0.4	0.4	0.4	0.4	0.2
Nitrite	mg/l	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SOLIDS																									
TSS	mg/L	244.3	442.5	355.0	181.3	179.8	423.3	304.4	22.9	20.7	27.3	14.5	20.2	21.5	10.0	19.0	37.3	40.0	35.0	44.0	68.1	27.4	45.6	43.3	16.5
TOTAL RECOVERABLE METALS																									
Cadmium (Cd)	µg/L	5.1	5.6	5.0	4.3	5.5	8.0	5.6	0.0	0.1	0.1	0.0	0.1	0.1	6.7	1.2	0.2	0.1	0.1	0.1	0.1	0.1	6.7	1.2	0.0
Chromium (Cr)	µg/L	12.2	8.6	15.9	14.1	8.0	16.8	12.6	1.5	3.8	2.7	2.8	3.1	2.3	7.5	3.7	5.9	1.4	1.6	1.7	2.4	1.4	7.5	2.7	0.8
Copper (Cu)	µg/L	118.3	79.6	83.8	76.4	66.8	104.9	88.3	8.0	8.7	9.0	5.1	7.8	7.5	6.1	7.4	15.0	14.2	13.7	8.2	15.7	7.1	10.9	11.6	8.6
Lead (Pb)	µg/L	118.3	70.7	93.8	67.8	82.3	98.8	88.6	2.9	4.4	4.0	1.4	3.3	1.4	7.0	3.6	3.5	2.6	4.0	5.6	11.2	4.8	9.8	6.3	0.7
Nickel (Ni)	µg/L	19.8	20.9	15.9	14.2	16.3	19.4	17.7	2.2	4.0	4.0	2.9	3.3	3.1	8.5	4.3	3.9	3.4	4.0	2.6	4.6	3.4	7.5	4.2	1.1
Zinc (Zn)	µg/L	975.8	964.3	901.5	763.0	1,137.5	1,074.7	969.4	57.6	75.4	87.4	47.0	73.2	43.2	48.9	62.5	124.6	49.6	63.8	45.4	66.8	30.4	43.5	49.9	18.3

Appendix C

Flow Data Composite Flow Calculations

CDM Smith

	Site: Time	Level (in.)	Dearborn Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	3/18/2013 2:45	0.28	0.39	0.0020	0.000006944				
Hr. 0	3/18/2013 2:50	0.34	0.42	0.0020	0.000006944				
	3/18/2013 2:55	0.46	0.52	0.0050	0.000017361	1	0.00003125	0.006	Vs1, liters
	3/18/2013 3:00	0.63	0.64	0.0090	0.000031250				
Hr. 0.25	3/18/2013 3:05	0.73	0.72	0.0130	0.000045139				
	3/18/2013 3:10	0.77	0.75	0.0150	0.000052083	2	0.00012847	0.025	Vs2, liters
	3/18/2013 3:15	0.86	0.80	0.0180	0.000062500				
Hr. 0.50	3/18/2013 3:20	0.98	0.87	0.0250	0.000086806				
	3/18/2013 3:25	1.11	1.52	0.0510	0.000177083				
	3/18/2013 3:30	1.25	1.62	0.0650	0.000225694	3	0.00055208	0.105	Vs3, liters
	3/18/2013 3:35	1.35	1.61	0.0720	0.000250000				
	3/18/2013 3:40	1.46	1.82	0.0930	0.000322917				
	3/18/2013 3:45	1.60	1.94	0.1130	0.000392361				
Hr. 1.0	3/18/2013 3:50	1.76	1.89	0.1260	0.000437500				
	3/18/2013 3:55	2.10	1.91	0.1660	0.000576389				
	3/18/2013 4:00	2.28	1.94	0.1910	0.000663194	4	0.00264236	0.504	Vs4, liters
	3/18/2013 4:05	2.48	2.23	0.2470	0.000857639				
	3/18/2013 4:10	2.60	2.44	0.2910	0.001010417				
	3/18/2013 4:15	2.81	2.43	0.3220	0.001118056				
Hr. 1.5	3/18/2013 4:20	2.79	2.33	0.3070	0.001065972				
	3/18/2013 4:25	2.69	2.37	0.2950	0.001024306				
	3/18/2013 4:30	2.49	2.43	0.2710	0.000940972	5	0.00601736	1.148	Vs5, liters
	3/18/2013 4:35	2.46	2.44	0.2680	0.000930556				
	3/18/2013 4:40	2.54	2.35	0.2700	0.000937500				
	3/18/2013 4:45	2.64	2.38	0.2900	0.001006944				
Hr. 2.0	3/18/2013 4:50	2.75	2.44	0.3140	0.001090278				
	3/18/2013 4:55	2.54	2.47	0.2830	0.000982639				
	3/18/2013 5:00	2.39	2.42	0.2540	0.000881944	6	0.00582986	1.112	Vs6, liters
	3/18/2013 5:05	2.34	2.30	0.2350	0.000815972				
	3/18/2013 5:10	2.38	2.48	0.2590	0.000899306				
	3/18/2013 5:15	2.37	2.33	0.2410	0.000836806				
Hr. 2.5	3/18/2013 5:20	2.51	2.40	0.2700	0.000937500				
	3/18/2013 5:25	2.53	2.36	0.2700	0.000937500				
	3/18/2013 5:30	2.52	2.58	0.2920	0.001013889	7	0.00544097	1.038	Vs7, liters
	3/18/2013 5:35	2.71	2.69	0.3400	0.001180556				
	3/18/2013 5:40	2.60	2.52	0.2990	0.001038194				
	3/18/2013 5:45	2.42	2.62	0.2810	0.000975694				
Hr. 3.0	3/18/2013 5:50	2.32	2.38	0.2390	0.000829861				
	3/18/2013 5:55	2.32	2.31	0.2320	0.000805556				
	3/18/2013 6:00	2.20	2.30	0.2140	0.000743056	8	0.00557292	1.063	Vs8, liters

0.026215278 **Vqt, mgal** **5.000**

	Site: Time	Scarborough Bouleveard 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 5.0
	3/18/2013 3:10	1.86	1.53	0.1110	0.000385417				
Hr. 0	3/18/2013 3:15	2.34	1.41	0.1430	0.000496528				
	3/18/2013 3:20	2.66	1.55	0.1910	0.000663194	1	0.00154514	0.233	Vs1, liters
	3/18/2013 3:25	2.78	1.41	0.1850	0.000642361				
Hr. 0.25	3/18/2013 3:30	2.86	1.48	0.2020	0.000701389				
	3/18/2013 3:35	3.00	1.38	0.2020	0.000701389	2	0.00204514	0.308	Vs2, liters
	3/18/2013 3:40	3.19	1.64	0.2630	0.000913194				
Hr. 0.50	3/18/2013 3:45	3.45	0.00	0.2940	0.001020833				
	3/18/2013 3:50	3.54	1.82	0.3390	0.001177083				
	3/18/2013 3:55	3.60	1.66	0.3160	0.001097222	3	0.00420833	0.635	Vs3, liters
	3/18/2013 4:00	3.74	1.84	0.3720	0.001291667				
	3/18/2013 4:05	4.01	1.84	0.4110	0.001427083				
	3/18/2013 4:10	3.96	1.76	0.3850	0.001336806				
Hr. 1.0	3/18/2013 4:15	3.72	1.69	0.3390	0.001177083				
	3/18/2013 4:20	3.62	1.52	0.2940	0.001020833				
	3/18/2013 4:25	3.36	1.59	0.2740	0.000951389	4	0.00720486	1.087	Vs4, liters
	3/18/2013 4:30	2.97	0.00	0.2290	0.000795139				
	3/18/2013 4:35	2.62	0.00	0.1910	0.000663194				
	3/18/2013 4:40	2.36	0.00	0.1630	0.000565972				
Hr. 1.5	3/18/2013 4:45	2.22	1.20	0.1130	0.000392361				
	3/18/2013 4:50	2.00	1.64	0.1330	0.000461806				
	3/18/2013 4:55	1.86	1.61	0.1160	0.000402778	5	0.00328125	0.495	Vs5, liters
	3/18/2013 5:00	1.75	1.69	0.1120	0.000388889				
	3/18/2013 5:05	1.65	1.47	0.0890	0.000309028				
	3/18/2013 5:10	1.61	1.47	0.0860	0.000298611				
Hr. 2.0	3/18/2013 5:15	1.62	1.50	0.0890	0.000309028				
	3/18/2013 5:20	1.60	1.60	0.0930	0.000322917				
	3/18/2013 5:25	1.62	1.49	0.0880	0.000305556	6	0.00193403	0.292	Vs6, liters
	3/18/2013 5:30	1.63	1.56	0.0930	0.000322917				
	3/18/2013 5:35	1.61	1.55	0.0910	0.000315972				
	3/18/2013 5:40	1.70	1.58	0.1000	0.000347222				
Hr. 2.5	3/18/2013 5:45	2.04	1.89	0.1570	0.000545139				
	3/18/2013 5:50	2.63	1.86	0.2240	0.000777778				
	3/18/2013 5:55	2.91	1.71	0.2400	0.000833333	7	0.00314236	0.474	Vs7, liters
	3/18/2013 6:00	3.19	1.87	0.3000	0.001041667				
	3/18/2013 6:05	4.39	2.00	0.5090	0.001767361				
	3/18/2013 6:10	5.17	2.24	0.7200	0.002500000				
Hr. 3.0	3/18/2013 6:15	4.67	2.01	0.5570	0.001934028				
	3/18/2013 6:20	4.18	1.86	0.4410	0.001531250				
	3/18/2013 6:25	3.69	1.65	0.2937	0.001019676	8	0.00979398	1.477	Vs8, liters
					Total: 0.033155093	Vqt, mgal		5.000	

	Site: Time	Level (in.)	Creighton Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	3/18/2013 3:30	1.25	3.20	0.1720	0.000597222				
Hr. 0	3/18/2013 3:35	1.38	3.11	0.1940	0.000673611				
	3/18/2013 3:40	1.44	3.23	0.2150	0.000746528	1	0.00201736	0.784	Vs1, liters
	3/18/2013 3:45	1.54	3.30	0.2420	0.000840278				
Hr. 0.25	3/18/2013 3:50	1.55	3.28	0.2420	0.000840278				
	3/18/2013 3:55	1.55	3.44	0.2550	0.000885417	2	0.00256597	0.997	Vs2, liters
	3/18/2013 4:00	1.70	3.40	0.2880	0.001000000				
Hr. 0.50	3/18/2013 4:05	1.69	3.42	0.2880	0.001000000				
	3/18/2013 4:10	1.69	3.42	0.2880	0.001000000				
	3/18/2013 4:15	1.63	3.23	0.2580	0.000895833	3	0.00389583	1.514	Vs3, liters
	3/18/2013 4:20	1.60	3.25	0.2530	0.000878472				
	3/18/2013 4:25	1.46	3.14	0.2130	0.000739583				
	3/18/2013 4:30	1.33	2.93	0.1730	0.000600694				
Hr. 1.0	3/18/2013 4:35	1.15	2.80	0.1340	0.000465278				
	3/18/2013 4:40	0.99	2.43	0.0920	0.000319444				
	3/18/2013 4:45	1.00	0.43	0.0160	0.000055556	4	0.00305903	1.189	Vs4, liters
	3/18/2013 4:50	1.02	2.14	0.0850	0.000295139				
	3/18/2013 4:55	0.98	1.91	0.0720	0.000250000				
	3/18/2013 5:00	0.94	1.85	0.0650	0.000225694				
Hr. 1.5	3/18/2013 5:05	0.90	1.78	0.0580	0.000201389				
	3/18/2013 5:10	0.85	1.71	0.0520	0.000180556				
	3/18/2013 5:15	0.83	1.71	0.0500	0.000173611	5	0.00132639	0.516	Vs5, liters
					0.000000000				
					0.000000000				
					0.000000000				
Hr. 2.0					0.000000000				
					0.000000000				
					0.000000000	6	0.00000000	0.000	Vs6, liters
					0.000000000				
					0.000000000				
					0.000000000				
Hr. 2.5					0.000000000				
					0.000000000				
					0.000000000	7	0.00000000	0.000	Vs7, liters
					0.000000000				
					0.000000000				
					0.000000000				
Hr. 3.0					0.000000000				
					0.000000000				
					0.000000000	8	0.00000000	0.000	Vs8, liters
					Total: 0.012864583	Vqt, mgal		5.000	

APPENDIX

	Site: Time	Level (in.)	Dearborn Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	4/24/2013 9:25	0.57	0.46	0.0060	0.000020833				
Hr. 0	4/24/2013 9:30	1.41	1.06	0.0510	0.000177083				
	4/24/2013 9:35	3.01	2.31	0.3410	0.001184028	1	0.00138194	0.098	Vs1, liters
	4/24/2013 9:40	3.33	2.25	0.3840	0.001333333				
Hr. 0.25	4/24/2013 9:45	2.78	2.03	0.2660	0.000923611				
	4/24/2013 9:50	2.32	2.04	0.2050	0.000711806	2	0.00296875	0.210	Vs2, liters
	4/24/2013 9:55	2.07	1.85	0.1570	0.000545139				
Hr. 0.50	4/24/2013 10:00	1.88	1.73	0.1280	0.000444444				
	4/24/2013 10:05	1.75	1.59	0.1050	0.000364583				
	4/24/2013 10:10	1.64	1.41	0.0850	0.000295139	3	0.00164931	0.117	Vs3, liters
	4/24/2013 10:15	1.57	1.47	0.0830	0.000288194				
	4/24/2013 10:20	1.49	1.47	0.0760	0.000263889				
	4/24/2013 10:25	1.52	1.38	0.0740	0.000256944				
Hr. 1.0	4/24/2013 10:30	1.50	1.43	0.0750	0.000260417				
	4/24/2013 10:35	1.68	1.60	0.0990	0.000343750				
	4/24/2013 10:40	2.49	2.02	0.2250	0.000781250	4	0.00219444	0.155	Vs4, liters
	4/24/2013 10:45	3.31	2.16	0.3640	0.001263889				
	4/24/2013 10:50	4.43	2.69	0.6930	0.002406250				
	4/24/2013 10:55	5.53	3.30	1.1660	0.004048611				
Hr. 1.5	4/24/2013 11:00	5.45	3.20	1.1100	0.003854167				
	4/24/2013 11:05	5.07	3.25	1.0150	0.003524306				
	4/24/2013 11:10	4.85	3.17	0.9280	0.003222222	5	0.01831944	1.294	Vs5, liters
	4/24/2013 11:15	4.73	3.28	0.9300	0.003229167				
	4/24/2013 11:20	4.35	3.20	0.8020	0.002784722				
	4/24/2013 11:25	4.25	2.92	0.7090	0.002461806				
Hr. 2.0	4/24/2013 11:30	4.85	3.11	0.9120	0.003166667				
	4/24/2013 11:35	5.99	3.44	1.3610	0.004725694				
	4/24/2013 11:40	6.05	3.47	1.3940	0.004840278	6	0.02120833	1.498	Vs6, liters
	4/24/2013 11:45	5.66	3.28	1.1980	0.004159722				
	4/24/2013 11:50	5.82	3.52	1.3390	0.004649306				
	4/24/2013 11:55	5.79	3.49	1.3150	0.004565972				
Hr. 2.5	4/24/2013 12:00	5.27	3.57	1.1790	0.004093750				
	4/24/2013 12:05	4.58	3.22	0.8680	0.003013889				
	4/24/2013 12:55	3.40	2.09	0.3670	0.001274306	7	0.02175694	1.537	Vs7, liters
	4/24/2013 13:05	3.17	2.34	0.3720	0.001291667				
	4/24/2013 13:10	0.00	0.00	0.0000	0.000000000				
	4/24/2013 13:15	0.00	0.00	0.0000	0.000000000				
Hr. 3.0	4/24/2013 13:20	0.00	0.00	0.0000	0.000000000				
	4/24/2013 13:25	0.00	0.00	0.0000	0.000000000				
	4/24/2013 13:30	0.00	0.00	0.0000	0.000000000	8	0.00129167	0.091	Vs8, liters
					0.070770833	Vqt, mgal		5.000	

	Site: Time	Scarborough Bouleveard 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 5.0
	4/24/2013 9:25	0.58	3.06	0.0390	0.000135417				
Hr. 0	4/24/2013 9:30	0.60	3.26	0.0440	0.000152778				
	4/24/2013 9:35	2.21	1.14	0.1060	0.000368056	1	0.00065625	0.042	Vs1, liters
	4/24/2013 9:40	2.06	1.26	0.1070	0.000371528				
Hr. 0.25	4/24/2013 9:45	2.07	1.03	0.0880	0.000305556				
	4/24/2013 9:50	2.87	1.26	0.1740	0.000604167	2	0.00128125	0.082	Vs2, liters
	4/24/2013 9:55	2.98	1.44	0.2090	0.000725694				
Hr. 0.50	4/24/2013 10:00	2.55	1.36	0.1580	0.000548611				
	4/24/2013 10:05	2.15	1.28	0.1150	0.000399306				
	4/24/2013 10:10	1.79	1.31	0.0900	0.000312500	3	0.00198611	0.128	Vs3, liters
	4/24/2013 10:15	1.61	1.10	0.0650	0.000225694				
	4/24/2013 10:20	1.37	1.02	0.0470	0.000163194				
	4/24/2013 10:25	1.26	0.96	0.0390	0.000135417				
Hr. 1.0	4/24/2013 10:30	1.14	0.92	0.0320	0.000111111				
	4/24/2013 10:35	1.49	0.77	0.0410	0.000142361				
	4/24/2013 10:40	3.52	1.46	0.2690	0.000934028	4	0.00171181	0.110	Vs4, liters
	4/24/2013 10:45	6.23	2.07	0.8660	0.003006944				
	4/24/2013 10:50	5.66	2.31	0.8430	0.002927083				
	4/24/2013 10:55	5.68	1.91	0.7010	0.002434028				
Hr. 1.5	4/24/2013 11:00	5.09	1.90	0.5960	0.002069444				
	4/24/2013 11:05	5.03	1.81	0.5610	0.001947917				
	4/24/2013 11:10	5.43	1.76	0.6050	0.002100694	5	0.01448611	0.933	Vs5, liters
	4/24/2013 11:15	5.41	1.74	0.5960	0.002069444				
	4/24/2013 11:20	6.56	2.15	0.9670	0.003357639				
	4/24/2013 11:25	7.54	2.64	1.4420	0.005006944				
Hr. 2.0	4/24/2013 11:30	6.71	2.38	1.1020	0.003826389				
	4/24/2013 11:35	5.90	2.19	0.8480	0.002944444				
	4/24/2013 11:40	5.74	2.22	0.8280	0.002875000	6	0.02007986	1.293	Vs6, liters
	4/24/2013 11:45	6.11	2.19	0.8900	0.003090278				
	4/24/2013 11:50	5.36	1.99	0.6740	0.002340278				
	4/24/2013 11:55	4.96	1.96	0.5940	0.002062500				
Hr. 2.5	4/24/2013 12:00	6.35	2.45	1.0530	0.003656250				
	4/24/2013 12:05	7.34	2.43	1.2800	0.004444444				
	4/24/2013 12:10	6.78	2.37	1.1170	0.003878472	7	0.01947222	1.254	Vs7, liters
	4/24/2013 12:15	7.10	2.72	1.3670	0.004746528				
	4/24/2013 12:20	7.62	2.48	1.3720	0.004763889				
	4/24/2013 12:25	6.13	2.20	0.9010	0.003128472				
Hr. 3.0	4/24/2013 12:30	5.25	2.05	0.6750	0.002343750				
	4/24/2013 12:35	5.50	1.31	0.4600	0.001597222				
	4/24/2013 12:40	6.29	0.96	0.4080	0.001416667	8	0.01799653	1.159	Vs8, liters
					Total: 0.077670139	Vqt, mgal		5.000	

	Site: Time	Level (in.)	Creighton Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	4/24/2013 9:35	0.35	0.85	0.0070	0.000024306				
Hr. 0	4/24/2013 9:40	0.39	0.95	0.0090	0.000031250				
	4/24/2013 9:45	0.49	1.24	0.0170	0.000059028	1	0.00011458	0.016	Vs1, liters
	4/24/2013 9:50	0.50	1.24	0.0170	0.000059028				
Hr. 0.25	4/24/2013 9:55	0.70	1.71	0.0380	0.000131944				
	4/24/2013 10:00	0.56	1.43	0.0230	0.000079861	2	0.00027083	0.038	Vs2, liters
	4/24/2013 10:05	0.35	0.85	0.0070	0.000024306				
Hr. 0.50	4/24/2013 10:10	0.38	0.95	0.0090	0.000031250				
	4/24/2013 10:15	0.33	0.85	0.0060	0.000020833				
	4/24/2013 10:20	0.27	0.64	0.0030	0.000010417	3	0.00008681	0.012	Vs3, liters
	4/24/2013 10:25	0.17	0.43	0.0010	0.000003472				
	4/24/2013 10:30	0.05	0.11	0.0000	0.000000000				
	4/24/2013 10:35	0.76	1.88	0.0480	0.000166667				
Hr. 1.0	4/24/2013 10:40	1.29	3.44	0.1930	0.000670139				
	4/24/2013 10:45	1.68	4.17	0.3490	0.001211806				
	4/24/2013 10:50	1.67	3.99	0.3310	0.001149306	4	0.00320139	0.451	Vs4, liters
	4/24/2013 10:55	1.55	3.78	0.2790	0.000968750				
	4/24/2013 11:00	1.73	3.97	0.3470	0.001204861				
	4/24/2013 11:05	1.79	4.14	0.3790	0.001315972				
Hr. 1.5	4/24/2013 11:10	1.56	3.76	0.2820	0.000979167				
	4/24/2013 11:15	1.43	3.71	0.2440	0.000847222				
	4/24/2013 11:20	1.80	3.90	0.3610	0.001253472	5	0.00656944	0.925	Vs5, liters
	4/24/2013 11:25	2.02	4.36	0.4800	0.001666667				
	4/24/2013 11:30	1.77	3.94	0.3550	0.001232639				
	4/24/2013 11:35	1.47	3.70	0.2520	0.000875000				
Hr. 2.0	4/24/2013 11:40	1.89	4.05	0.4030	0.001399306				
	4/24/2013 11:45	1.99	4.13	0.4450	0.001545139				
	4/24/2013 11:50	1.70	4.07	0.3460	0.001201389	6	0.00792014	1.115	Vs6, liters
	4/24/2013 11:55	1.35	3.74	0.2250	0.000781250				
	4/24/2013 12:00	1.62	3.88	0.3070	0.001065972				
	4/24/2013 12:05	1.78	3.94	0.3580	0.001243056				
Hr. 2.5	4/24/2013 12:10	2.12	4.35	0.5140	0.001784722				
	4/24/2013 12:15	3.31	5.14	1.1710	0.004065972				
	4/24/2013 12:20	3.20	4.99	1.0820	0.003756944	7	0.01269792	1.787	Vs7, liters
	4/24/2013 12:25	2.35	4.37	0.6020	0.002090278				
	4/24/2013 12:30	1.76	3.95	0.3550	0.001232639				
	4/24/2013 12:35	1.31	3.56	0.2060	0.000715278				
Hr. 3.0	4/24/2013 12:40	0.96	2.36	0.0850	0.000295139				
	4/24/2013 12:45	0.77	1.93	0.0510	0.000177083				
	4/24/2013 12:50	0.72	1.84	0.0440	0.000152778	8	0.00466319	0.656	Vs8, liters
					Total: 0.035524306	Vqt, mgal		5.000	

	Site: Time	Level (in.)	Dearborn Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	9/11/2013 12:50	2.39	1.36	0.1430	0.000496528				
Hr. 0	9/11/2013 12:55	2.23	1.21	0.1150	0.000399306				
	9/11/2013 13:00	2.10	1.07	0.0940	0.000326389	1	0.00122222	2.200	Vs1, liters
	9/11/2013 13:05	2.00	0.97	0.0780	0.000270833				
Hr. 0.25	9/11/2013 13:10	1.91	0.89	0.0670	0.000232639				
	9/11/2013 13:15	1.14	1.10	0.0390	0.000135417	2	0.00063889	1.150	Vs2, liters
	9/11/2013 13:20	1.07	1.04	0.0330	0.000114583				
Hr. 0.50	9/11/2013 13:25	1.01	0.97	0.0280	0.000097222				
	9/11/2013 13:30	0.96	0.70	0.0190	0.000065972				
	9/11/2013 13:35	0.92	0.68	0.0170	0.000059028	3	0.00033681	0.606	Vs3, liters
	9/11/2013 13:40	0.88	0.66	0.0160	0.000055556				
	9/11/2013 13:45	0.83	0.62	0.0140	0.000048611				
	9/11/2013 13:50	0.80	0.62	0.0130	0.000045139				
Hr. 1.0	9/11/2013 13:55	0.76	0.60	0.0120	0.000041667				
	9/11/2013 14:00	0.74	0.58	0.0110	0.000038194				
	9/11/2013 14:05	0.71	0.58	0.0100	0.000034722	4	0.00026389	0.475	Vs4, liters
	9/11/2013 14:10	0.71	0.56	0.0100	0.000034722				
	9/11/2013 14:15	0.69	0.56	0.0090	0.000031250				
	9/11/2013 14:20	0.68	0.56	0.0090	0.000031250				
Hr. 1.5	9/11/2013 14:25	0.66	0.54	0.0080	0.000027778				
	9/11/2013 14:30	0.66	0.54	0.0080	0.000027778				
	9/11/2013 14:35	0.64	0.54	0.0080	0.000027778	5	0.00018056	0.325	Vs5, liters
	9/11/2013 14:40	0.62	0.52	0.0070	0.000024306				
	9/11/2013 14:45	0.61	0.52	0.0070	0.000024306				
	9/11/2013 14:50	0.59	0.52	0.0070	0.000024306				
Hr. 2.0	9/11/2013 14:55	0.59	0.49	0.0060	0.000020833				
	9/11/2013 15:00	0.59	0.49	0.0060	0.000020833				
	9/11/2013 15:05	0.55	0.47	0.0060	0.000020833	6	0.00013542	0.244	Vs6, liters
					0.000000000				
					0.000000000				
					0.000000000				
Hr. 2.5					0.000000000				
					0.000000000				
					0.000000000	7	0.00000000	0.000	Vs7, liters
					0.000000000				
					0.000000000				
					0.000000000				
Hr. 3.0					0.000000000				
					0.000000000				
					0.000000000	8	0.00000000	0.000	Vs8, liters
					0.002777778	Vqt, mgal		5.000	

Site:	Scarborough Bouleveard							
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 5.0
9/11/2013 13:05	0.59	0.43	0.0060	0.000020833				
Hr. 0 9/11/2013 13:10	1.93	0.85	0.0650	0.000225694				
9/11/2013 13:15	2.05	1.36	0.1140	0.000395833	1	0.00064236	0.819	Vs1, liters
9/11/2013 13:20	3.34	1.61	0.2760	0.000958333				
Hr. 0.25 9/11/2013 13:25	2.78	1.53	0.2000	0.000694444				
9/11/2013 13:30	2.24	1.59	0.1510	0.000524306	2	0.00217708	2.777	Vs2, liters
9/11/2013 13:35	1.88	1.62	0.1200	0.000416667				
Hr. 0.50 9/11/2013 13:40	1.62	1.65	0.0980	0.000340278				
9/11/2013 13:45	1.33	1.34	0.0590	0.000204861				
9/11/2013 13:50	1.12	1.17	0.0400	0.000138889	3	0.00110069	1.404	Vs3, liters
				0.000000000				
				0.000000000				
				0.000000000				
Hr. 1.0				0.000000000				
				0.000000000				
				0.000000000	4	0.00000000	0.000	Vs4, liters
				0.000000000				
				0.000000000				
				0.000000000				
Hr. 1.5				0.000000000				
				0.000000000				
				0.000000000	5	0.00000000	0.000	Vs5, liters
				0.000000000				
				0.000000000				
				0.000000000				
Hr. 2.0				0.000000000				
				0.000000000				
				0.000000000	6	0.00000000	0.000	Vs6, liters
				0.000000000				
				0.000000000				
				0.000000000				
Hr. 2.5				0.000000000				
				0.000000000				
				0.000000000	7	0.00000000	0.000	Vs7, liters
				0.000000000				
				0.000000000				
				0.000000000				
Hr. 3.0				0.000000000				
				0.000000000				
				0.000000000	8	0.00000000	0.000	Vs8, liters
				Total: 0.003920139	Vqt, mgal		5.000	

Site: Time	Level (in.)	Creighton Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
Hr. 0 Flow meter readings invalid. Event Composite.				0.000000000 0.000000000 0.000000000	1	0.00000000	#DIV/0!	Vs1, liters
Hr. 0.25				0.000000000 0.000000000 0.000000000	2	0.00000000	#DIV/0!	Vs2, liters
Hr. 0.50				0.000000000 0.000000000 0.000000000 0.000000000	3	0.00000000	#DIV/0!	Vs3, liters
Hr. 1.0				0.000000000 0.000000000 0.000000000 0.000000000 0.000000000 0.000000000	4	0.00000000	#DIV/0!	Vs4, liters
Hr. 1.5				0.000000000 0.000000000 0.000000000 0.000000000 0.000000000 0.000000000	5	0.00000000	#DIV/0!	Vs5, liters
Hr. 2.0				0.000000000 0.000000000 0.000000000 0.000000000 0.000000000 0.000000000	6	0.00000000	#DIV/0!	Vs6, liters
Hr. 2.5				0.000000000 0.000000000 0.000000000 0.000000000 0.000000000 0.000000000	7	0.00000000	#DIV/0!	Vs7, liters
Hr. 3.0				0.000000000 0.000000000 0.000000000 0.000000000 0.000000000 0.000000000	8	0.00000000	#DIV/0!	Vs8, liters
				Total: 0.000000000	Vqt, mgal		#DIV/0!	

	Site: Time	Level (in.)	Dearborn Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	10/31/2013 15:10	3.24	2.13	0.3490	0.001211806				
Hr. 0	10/31/2013 15:15	3.76	2.49	0.5050	0.001753472				
	10/31/2013 15:20	3.74	2.57	0.5180	0.001798611	1	0.00476389	0.448	Vs1, liters
	10/31/2013 15:25	3.52	2.39	0.4420	0.001534722				
Hr. 0.25	10/31/2013 15:30	3.28	2.41	0.4020	0.001395833				
	10/31/2013 15:35	3.45	2.47	0.4420	0.001534722	2	0.00446528	0.420	Vs2, liters
	10/31/2013 15:40	3.43	2.45	0.4360	0.001513889				
Hr. 0.50	10/31/2013 15:45	3.18	2.42	0.3850	0.001336806				
	10/31/2013 15:50	3.20	2.46	0.3960	0.001375000				
	10/31/2013 15:55	3.38	2.46	0.4290	0.001489583	3	0.00571528	0.538	Vs3, liters
	10/31/2013 16:00	3.70	2.50	0.4960	0.001722222				
	10/31/2013 16:05	3.70	2.58	0.5120	0.001777778				
	10/31/2013 16:10	3.73	2.63	0.5280	0.001833333				
Hr. 1.0	10/31/2013 16:15	3.91	2.86	0.6160	0.002138889				
	10/31/2013 16:20	4.00	2.62	0.5820	0.002020833				
	10/31/2013 16:25	3.98	2.68	0.5940	0.002062500	4	0.01155556	1.087	Vs4, liters
	10/31/2013 16:30	3.92	2.80	0.6060	0.002104167				
	10/31/2013 16:35	3.63	2.68	0.5180	0.001798611				
	10/31/2013 16:40	3.42	2.80	0.4970	0.001725694				
Hr. 1.5	10/31/2013 16:45	3.19	2.32	0.3730	0.001295139				
	10/31/2013 16:50	3.05	2.35	0.3530	0.001225694				
	10/31/2013 16:55	3.10	2.23	0.3420	0.001187500	5	0.00933681	0.878	Vs5, liters
	10/31/2013 17:00	2.93	2.18	0.3090	0.001072917				
	10/31/2013 17:05	2.68	2.19	0.2730	0.000947917				
	10/31/2013 17:10	2.81	2.19	0.2910	0.001010417				
Hr. 2.0	10/31/2013 17:15	2.77	2.10	0.2740	0.000951389				
	10/31/2013 17:20	2.82	2.08	0.2780	0.000965278				
	10/31/2013 17:25	2.75	2.28	0.2950	0.001024306	6	0.00597222	0.562	Vs6, liters
	10/31/2013 17:30	2.76	2.11	0.2730	0.000947917				
	10/31/2013 17:35	2.79	2.07	0.2720	0.000944444				
	10/31/2013 17:40	2.82	2.11	0.2810	0.000975694				
Hr. 2.5	10/31/2013 17:45	2.80	2.32	0.3060	0.001062500				
	10/31/2013 17:50	2.74	2.59	0.3320	0.001152778				
	10/31/2013 17:55	2.82	2.29	0.3070	0.001065972	7	0.00614931	0.579	Vs7, liters
	10/31/2013 18:00	2.80	2.17	0.2960	0.001027778				
	10/31/2013 18:05	2.78	1.92	0.2757	0.000957176				
	10/31/2013 18:10	2.76	1.71	0.2577	0.000894676				
Hr. 3.0	10/31/2013 18:15	2.74	1.50	0.2397	0.000832176				
	10/31/2013 18:20	2.72	1.29	0.2217	0.000769676				
	10/31/2013 18:25	2.71	1.07	0.2037	0.000707176	8	0.00518866	0.488	Vs8, liters
					0.053146991	Vqt, mgal		5.000	

	Site: Time	Scarborough Bouleveard 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 5.0
	10/31/2013 14:55	2.63	1.33	0.1610	0.000559028				
Hr. 0	10/31/2013 15:00	3.09	1.49	0.2280	0.000791667				
	10/31/2013 15:05	3.75	1.54	0.3110	0.001079861	1	0.00243056	0.247	Vs1, liters
	10/31/2013 15:10	4.33	1.59	0.3960	0.001375000				
Hr. 0.25	10/31/2013 15:15	5.12	1.95	0.6190	0.002149306				
	10/31/2013 15:20	5.85	2.01	0.7710	0.002677083	2	0.00620139	0.629	Vs2, liters
	10/31/2013 15:25	5.23	1.98	0.6470	0.002246528				
Hr. 0.50	10/31/2013 15:30	4.50	2.03	0.5350	0.001857639				
	10/31/2013 15:35	4.02	1.93	0.4310	0.001496528				
	10/31/2013 15:40	3.55	1.74	0.3270	0.001135417	3	0.00673611	0.683	Vs3, liters
	10/31/2013 15:45	3.25	1.78	0.2930	0.001017361				
	10/31/2013 15:50	3.27	1.87	0.3120	0.001083333				
	10/31/2013 15:55	3.81	1.68	0.3490	0.001211806				
Hr. 1.0	10/31/2013 16:00	4.69	2.14	0.5980	0.002076389				
	10/31/2013 16:05	4.83	2.17	0.6330	0.002197917				
	10/31/2013 16:10	4.24	2.00	0.4850	0.001684028	4	0.00927083	0.941	Vs4, liters
	10/31/2013 16:15	3.77	2.02	0.4110	0.001427083				
	10/31/2013 16:20	3.35	1.85	0.3190	0.001107639				
	10/31/2013 16:25	3.04	1.84	0.2760	0.000958333				
Hr. 1.5	10/31/2013 16:30	2.90	1.66	0.2310	0.000802083				
	10/31/2013 16:35	2.97	1.74	0.2510	0.000871528				
	10/31/2013 16:40	3.36	1.81	0.3130	0.001086806	5	0.00625347	0.635	Vs5, liters
	10/31/2013 16:45	4.00	1.83	0.4070	0.001413194				
	10/31/2013 16:50	4.21	2.04	0.4890	0.001697917				
	10/31/2013 16:55	4.02	1.99	0.4450	0.001545139				
Hr. 2.0	10/31/2013 17:00	3.80	1.87	0.3870	0.001343750				
	10/31/2013 17:05	3.63	1.69	0.3260	0.001131944				
	10/31/2013 17:10	3.59	1.78	0.3380	0.001173611	6	0.00830556	0.843	Vs6, liters
	10/31/2013 17:15	3.74	1.71	0.3450	0.001197917				
	10/31/2013 17:20	3.65	1.60	0.3120	0.001083333				
	10/31/2013 17:25	3.46	1.79	0.3230	0.001121528				
Hr. 2.5	10/31/2013 17:30	3.35	1.75	0.3010	0.001045139				
	10/31/2013 17:35	3.23	1.85	0.3010	0.001045139				
	10/31/2013 17:40	3.09	2.02	0.3090	0.001072917	7	0.00656597	0.666	Vs7, liters
	10/31/2013 17:45	2.91	1.68	0.2360	0.000819444				
	10/31/2013 17:50	2.64	1.87	0.2270	0.000788194				
	10/31/2013 17:55	2.36	1.68	0.1740	0.000604167				
Hr. 3.0	10/31/2013 18:00	2.12	1.84	0.1620	0.000562500				
	10/31/2013 18:05	1.85	1.77	0.1227	0.000425926				
	10/31/2013 18:10	1.59	1.76	0.0902	0.000313079	8	0.00351331	0.356	Vs8, liters
					Total: 0.049277199	Vqt, mgal		5.000	

	Site: Time	Level (in.)	Creighton Road Velocity (ft/s)	Flow (mgd)	Volume, mgal (mgal)	Sample #	Flow Volume, mgal Vq	Volume From Sample, Liters Vs = Vq / Vqt * Vst	Vst, Liters 5.0
	10/31/2013 15:00	1.45	1.32	0.0530	0.000184028				
Hr. 0	10/31/2013 15:05	1.53	3.13	0.1810	0.000628472				
	10/31/2013 15:10	1.85	3.58	0.2740	0.000951389	1	0.00176389	0.360	Vs1, liters
	10/31/2013 15:15	2.27	4.07	0.4220	0.001465278				
Hr. 0.25	10/31/2013 15:20	2.35	4.12	0.4500	0.001562500				
	10/31/2013 15:25	2.26	3.74	0.3850	0.001336806	2	0.00436458	0.891	Vs2, liters
	10/31/2013 15:30	2.01	3.74	0.3250	0.001128472				
Hr. 0.50	10/31/2013 15:35	1.86	3.61	0.2790	0.000968750				
	10/31/2013 15:40	1.70	3.34	0.2260	0.000784722				
	10/31/2013 15:45	1.65	3.45	0.2220	0.000770833	3	0.00365278	0.746	Vs3, liters
	10/31/2013 15:50	1.68	3.53	0.2330	0.000809028				
	10/31/2013 15:55	1.89	3.66	0.2900	0.001006944				
	10/31/2013 16:00	2.00	3.75	0.3230	0.001121528				
Hr. 1.0	10/31/2013 16:05	1.96	3.80	0.3170	0.001100694				
	10/31/2013 16:10	1.78	3.53	0.2560	0.000888889				
	10/31/2013 16:15	1.62	3.28	0.2060	0.000715278	4	0.00564236	1.152	Vs4, liters
	10/31/2013 16:20	1.50	2.98	0.1680	0.000583333				
	10/31/2013 16:25	1.35	2.66	0.1280	0.000444444				
	10/31/2013 16:30	1.32	-0.91	-0.0420	-0.000145833				
Hr. 1.5	10/31/2013 16:35	1.40	-0.95	-0.0480	-0.000166667				
	10/31/2013 16:40	1.51	3.14	0.1780	0.000618056				
	10/31/2013 16:45	1.59	3.39	0.2080	0.000722222	5	0.00205556	0.420	Vs5, liters
	10/31/2013 16:50	1.69	3.53	0.2370	0.000822917				
	10/31/2013 16:55	1.67	3.56	0.2350	0.000815972				
	10/31/2013 17:00	1.62	3.47	0.2180	0.000756944				
Hr. 2.0	10/31/2013 17:05	1.61	3.32	0.2080	0.000722222				
	10/31/2013 17:10	1.60	3.47	0.2130	0.000739583				
	10/31/2013 17:15	1.61	3.41	0.2120	0.000736111	6	0.00459375	0.938	Vs6, liters
	10/31/2013 17:20	1.58	3.36	0.2040	0.000708333				
	10/31/2013 17:25	1.52	3.20	0.1840	0.000638889				
	10/31/2013 17:30	1.51	3.04	0.1720	0.000597222				
Hr. 2.5	10/31/2013 17:35	1.47	2.84	0.1540	0.000534722				
	10/31/2013 17:40	1.39	-1.09	-0.0540	-0.000187500				
	10/31/2013 17:45	1.26	-1.23	-0.0530	-0.000184028	7	0.00210764	0.430	Vs7, liters
	10/31/2013 17:50	1.18	0.00	-0.0480	-0.000166667				
	10/31/2013 17:55	1.10	0.54	0.0190	0.000065972				
	10/31/2013 18:00	1.13	0.62	0.0230	0.000079861				
Hr. 3.0	10/31/2013 18:05	1.15	0.70	0.0270	0.000093750				
	10/31/2013 18:10	1.18	0.79	0.0310	0.000107639				
	10/31/2013 18:15	1.20	0.87	0.0350	0.000121528	8	0.00030208	0.062	Vs8, liters
					Total: 0.024482639	Vqt, mgal		5.000	

Appendix D

Bacteria Flow-weighted Average EMCs

CDM Smith

OF-01-CD
Fecal Coliform and E. Coli Flow Weighted Averages

Quarter 1

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	03/18/13	2:50	100	100	0.006	0	0
Hr. 0.25	03/18/13	3:05	100	100	0.025	0	0
Hr. 0.50	03/18/13	3:20	100	100	0.105	2	2
Hr. 1.0	03/18/13	3:50	100	100	0.504	10	10
Hr. 1.5	03/18/13	4:20	100	100	1.148	23	23
Hr. 2.0	03/18/13	4:50	100	100	1.112	22	22
Hr. 2.5	03/18/13	5:20	100	100	1.038	21	21
Hr. 3.0	03/18/13	5:50	100	100	1.063	21	21
Flow Weighted Average of Grab Samples					5.00	**100**	**100**

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	04/24/13	9:30	1,100	600	0.098	21	12
Hr. 0.25	04/24/13	9:45	310	1,300	0.210	13	55
Hr. 0.50	04/24/13	10:00	470	190	0.117	11	4
Hr. 1.0	04/24/13	10:30	370	5	0.155	11	0
Hr. 1.5	04/24/13	11:00	2,100	1,100	1.294	544	285
Hr. 2.0	04/24/13	11:30	1,100	450	1.498	330	135
Hr. 2.5	04/24/13	12:00	1,500	630	1.537	461	194
Hr. 3.0	04/24/13	12:30	850	460	0.091	16	8
Flow Weighted Average of Grab Samples					5.00	**1,407**	**693**

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	09/11/13	12:55	46,000	27,000	2.200	20,240	11,880
Hr. 0.25	09/11/13	13:10	63,000	41,000	1.150	14,490	9,430
Hr. 0.50	09/11/13	13:25	63,000	49,000	0.606	7,639	5,941
Hr. 1.0	09/11/13	13:55	60,000	54,000	0.475	5,700	5,130
Hr. 1.5	09/11/13	14:25	46,000	26,000	0.325	2,990	1,690
Hr. 2.0	09/11/13	14:55	20,000	17,000	0.244	975	829
Hr. 2.5	09/11/13						
Hr. 3.0	09/11/13						
Flow Weighted Average of Grab Samples					5.00	**52,034**	**34,900**

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	10/31/13	15:15	14,000	5,600	0.448	1,255	502
Hr. 0.25	10/31/13	15:30	5,300	1,500	0.420	445	126
Hr. 0.50	10/31/13	15:45	4,800	340	0.538	516	37
Hr. 1.0	10/31/13	16:15	4,400	700	1.087	957	152
Hr. 1.5	10/31/13	16:45	2,600	1,300	0.878	457	228
Hr. 2.0	10/31/13	17:15	1,400	900	0.562	157	101
Hr. 2.5	10/31/13	17:45	1,700	700	0.579	197	81
Hr. 3.0	10/31/13	18:15	16,000	1,300	0.488	1,562	127
Flow Weighted Average of Grab Samples					5.00	**5,546**	**1,354**

OF-02-CD
Fecal Coliform and E. Coli Flow Weighted Averages

Quarter 1

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	03/18/13	3:15	46,000	49,000	0.233	2,144	2,284
Hr. 0.25	03/18/13	3:30	16,000	19,000	0.308	987	1,172
Hr. 0.50	03/18/13	3:45	27,000	19,000	0.635	3,427	2,412
Hr. 1.0	03/18/13	4:15	9,000	9,700	1.087	1,956	2,108
Hr. 1.5	03/18/13	4:45	1,700	1,400	0.495	168	139
Hr. 2.0	03/18/13	5:15	1,700	2,200	0.292	99	128
Hr. 2.5	03/18/13	5:45	2,100	2,600	0.474	199	246
Hr. 3.0	03/18/13	6:15	7,200	8,300	1.477	2,127	2,452
Flow Weighted Average of Grab Samples					5.00	**11,107**	**10,940**

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	04/24/13	9:32	240	95	0.042	2	1
Hr. 0.25	04/24/13	9:47	1,300	300	0.082	21	5
Hr. 0.50	04/24/13	10:02	1,500	620	0.128	38	16
Hr. 1.0	04/24/13	10:32	1,000	3,000	0.110	22	66
Hr. 1.5	04/24/13	11:02	1,500	1,400	0.933	280	261
Hr. 2.0	04/24/13	11:32	460	260	1.293	119	67
Hr. 2.5	04/24/13	12:02	2,220	200	1.254	557	50
Hr. 3.0	04/24/13	12:32	410	350	1.159	95	81
Flow Weighted Average of Grab Samples					5.00	**1,134**	**547**

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	09/11/13	13:10	31,000	2,200	0.819	5,080	360
Hr. 0.25	09/11/13	13:25	26,000	2,400	2.777	14,439	1,333
Hr. 0.50	09/11/13	13:40	42,000	1,600	1.404	11,793	449
Hr. 1.0							
Hr. 1.5							
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples					5.00	**31,312**	**2,143**

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	10/31/13	15:00	5,200	500	0.247	256	25
Hr. 0.25	10/31/13	15:15	4,900	1,200	0.629	617	151
Hr. 0.50	10/31/13	15:30	1,700	500	0.683	232	68
Hr. 1.0	10/31/13	16:00	2,300	500	0.941	433	94
Hr. 1.5	10/31/13	16:30	9,200	1,300	0.635	1,168	165
Hr. 2.0	10/31/13	17:00	2,100	500	0.843	354	84
Hr. 2.5	10/31/13	17:30	1,600	500	0.666	213	67
Hr. 3.0	10/31/13	18:00	8,000	2,500	0.356	570	178
Flow Weighted Average of Grab Samples					5.00	**3,843**	**832**

OF-03-CD
Fecal Coliform and E. Coli Flow Weighted Averages

Quarter 1

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	03/18/13	3:35	100	200	0.784	16	31
Hr. 0.25	03/18/13	3:50	100	100	0.997	20	20
Hr. 0.50	03/18/13	4:05	200	400	1.514	61	121
Hr. 1.0	03/18/13	4:35	300	100	1.189	71	24
Hr. 1.5	03/18/13	5:05	500	500	0.516	52	52
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples					5.00	**219**	**248**

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	04/24/13	9:40	1,400	1,300	0.016	5	4
Hr. 0.25	04/24/13	9:55	1,100	5	0.038	8	0
Hr. 0.50	04/24/13	10:10	1,900	5	0.012	5	0
Hr. 1.0	04/24/13	10:40	2,400	5	0.451	216	0
Hr. 1.5	04/24/13	11:10	1,300	690	0.925	240	128
Hr. 2.0	04/24/13	11:40	530	5	1.115	118	1
Hr. 2.5	04/24/13	12:10	2,200	65	1.787	786	23
Hr. 3.0	04/24/13	12:40	2,400	5	0.656	315	1
Flow Weighted Average of Grab Samples					5.00	**1,694**	**157**

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	09/11/13	13:20	28,000	3,200			
Hr. 0.25	09/11/13	13:35	9,500	6,000			
Hr. 0.50	09/11/13	13:50	52,000	16,000			
Hr. 1.0	09/11/13	14:20	100,000	14,000			
Hr. 1.5							
Hr. 2.0							
Hr. 2.5							
Hr. 3.0							
Flow Weighted Average of Grab Samples							

1. No flow data available due to sensor malfunction, composite calculated from the arithmetic mean.

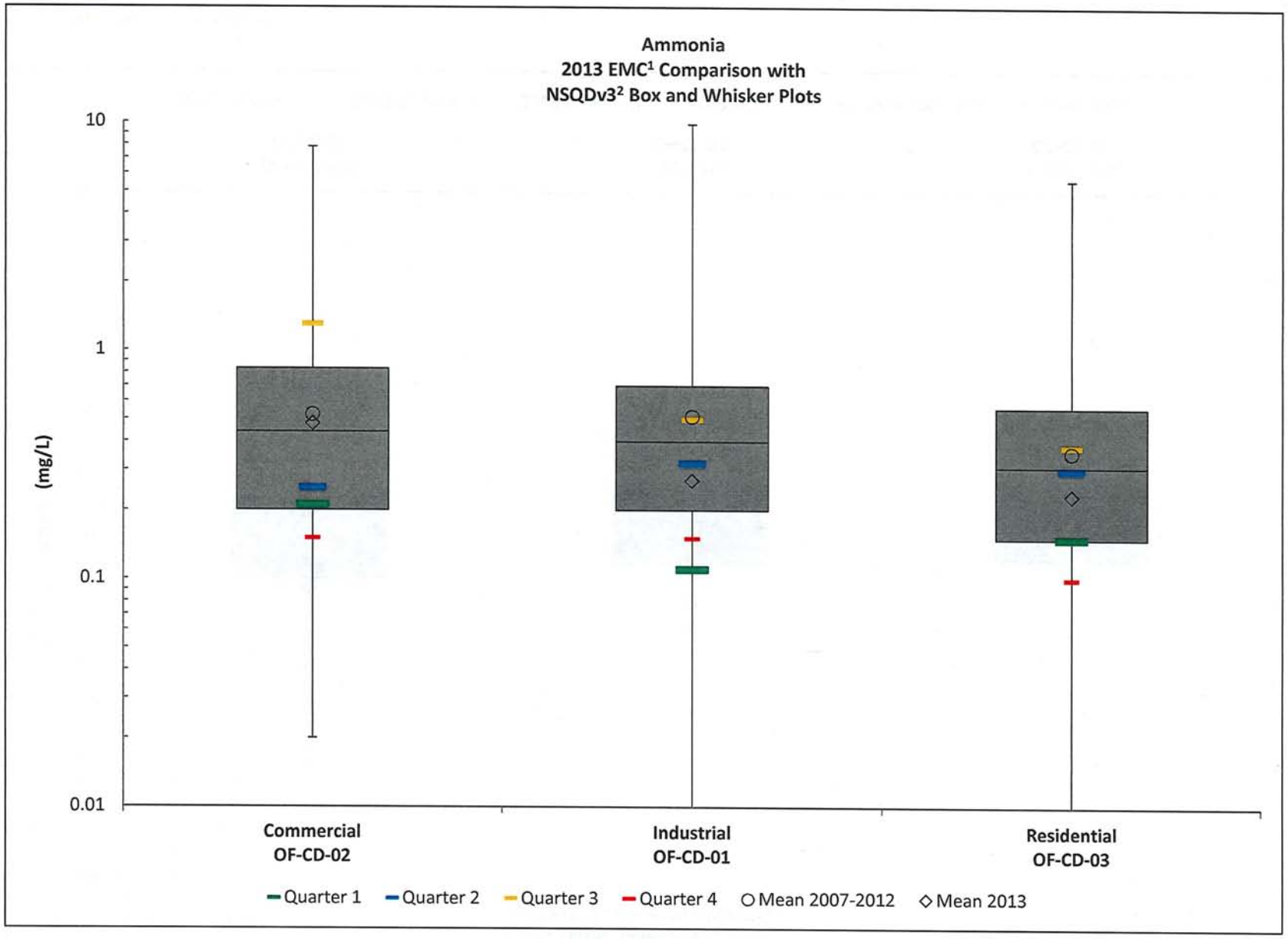
Quarter 4

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	10/31/13	15:05	2,900	900	0.360	209	65
Hr. 0.25	10/31/13	15:20	56,000	41,000	0.891	9,983	7,309
Hr. 0.50	10/31/13	15:35	59,000	27,000	0.746	8,803	4,028
Hr. 1.0	10/31/13	16:05	20,000	13,000	1.152	4,609	2,996
Hr. 1.5	10/31/13	16:35	32,000	11,000	0.420	2,687	924
Hr. 2.0	10/31/13	17:05	11,000	5,500	0.938	2,064	1,032
Hr. 2.5	10/31/13	17:35	12,000	4,600	0.430	1,033	396
Hr. 3.0	10/31/13	18:05	65,000	26,000	0.062	802	321
Flow Weighted Average of Grab Samples					5.00	**30,190**	**17,071**

Appendix E

Box and Whisker Plots for the National Stormwater Quality Database Version 3

CDM Smith



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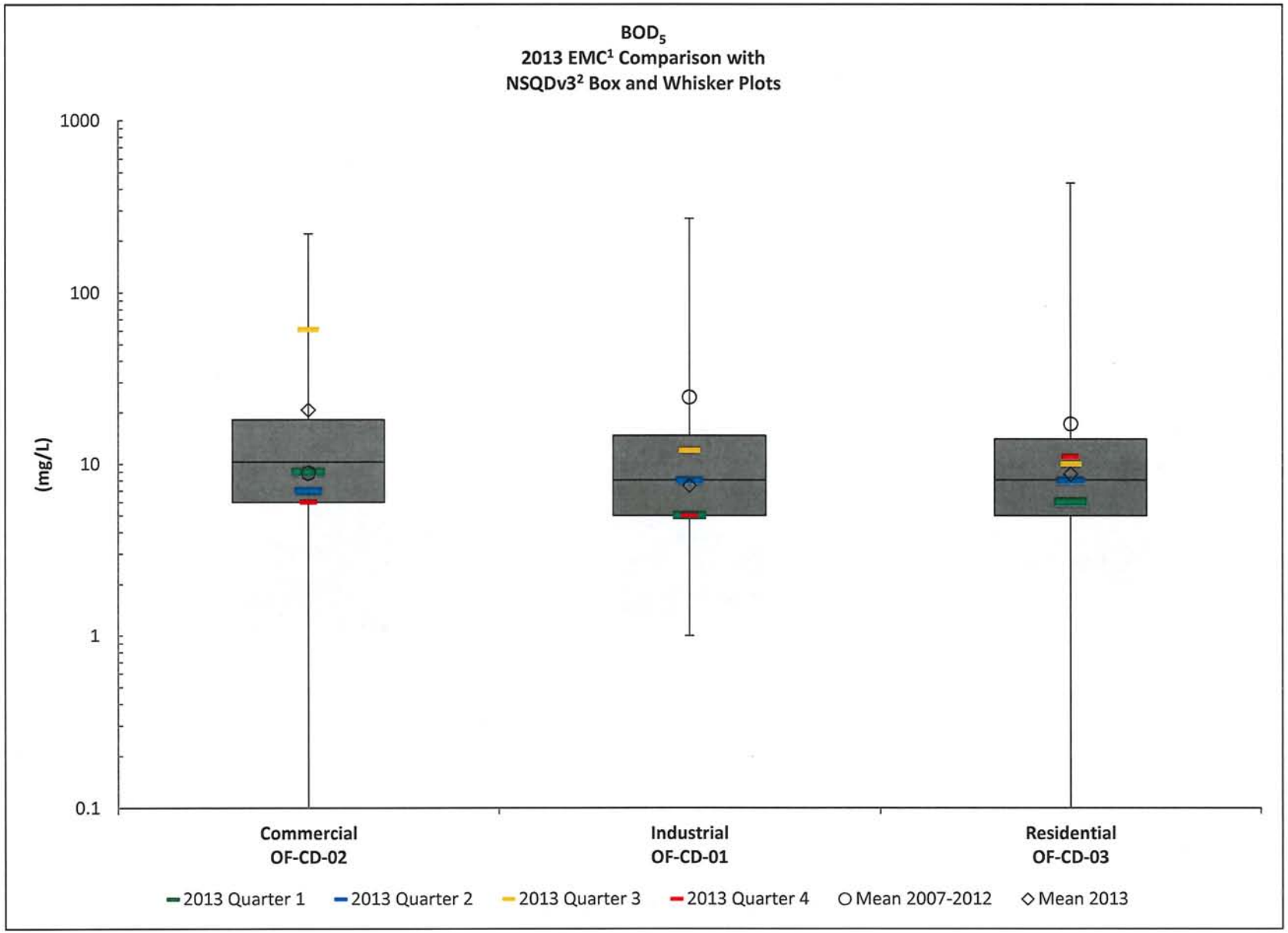
2. National Stormwater Quality Database, Version 3



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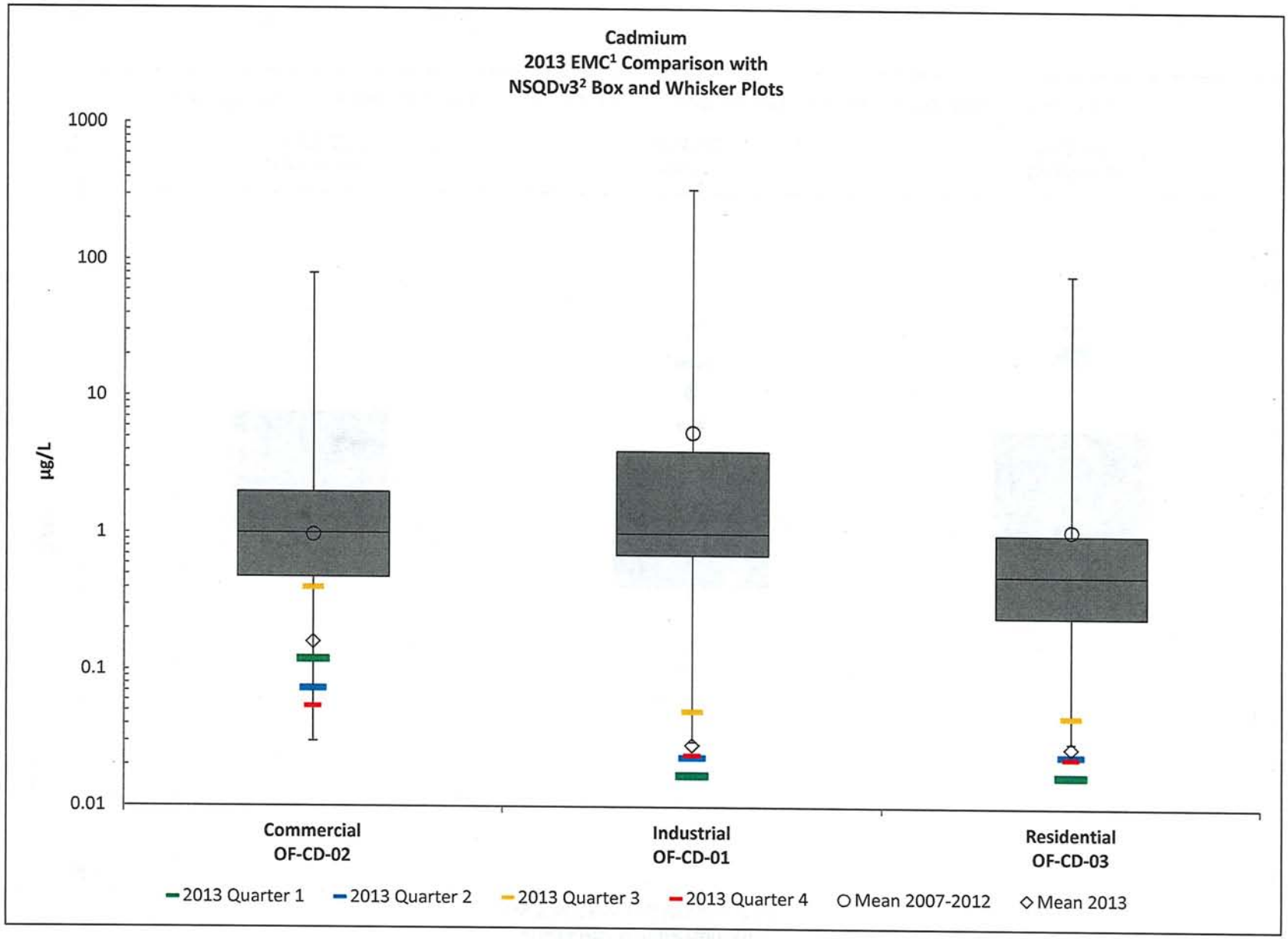
2. National Stormwater Quality Database, Version 3



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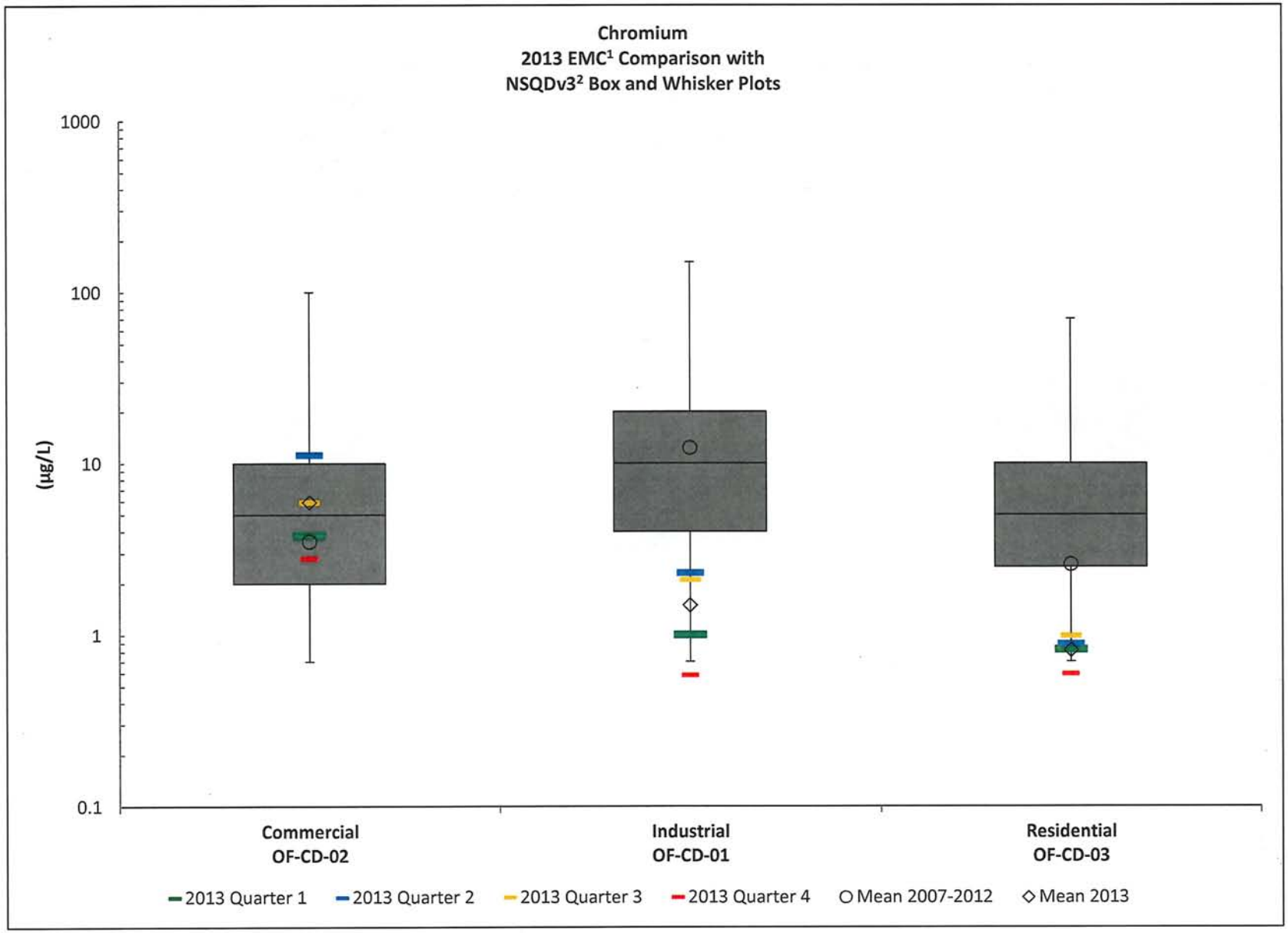
2. National Stormwater Quality Database, Version 3



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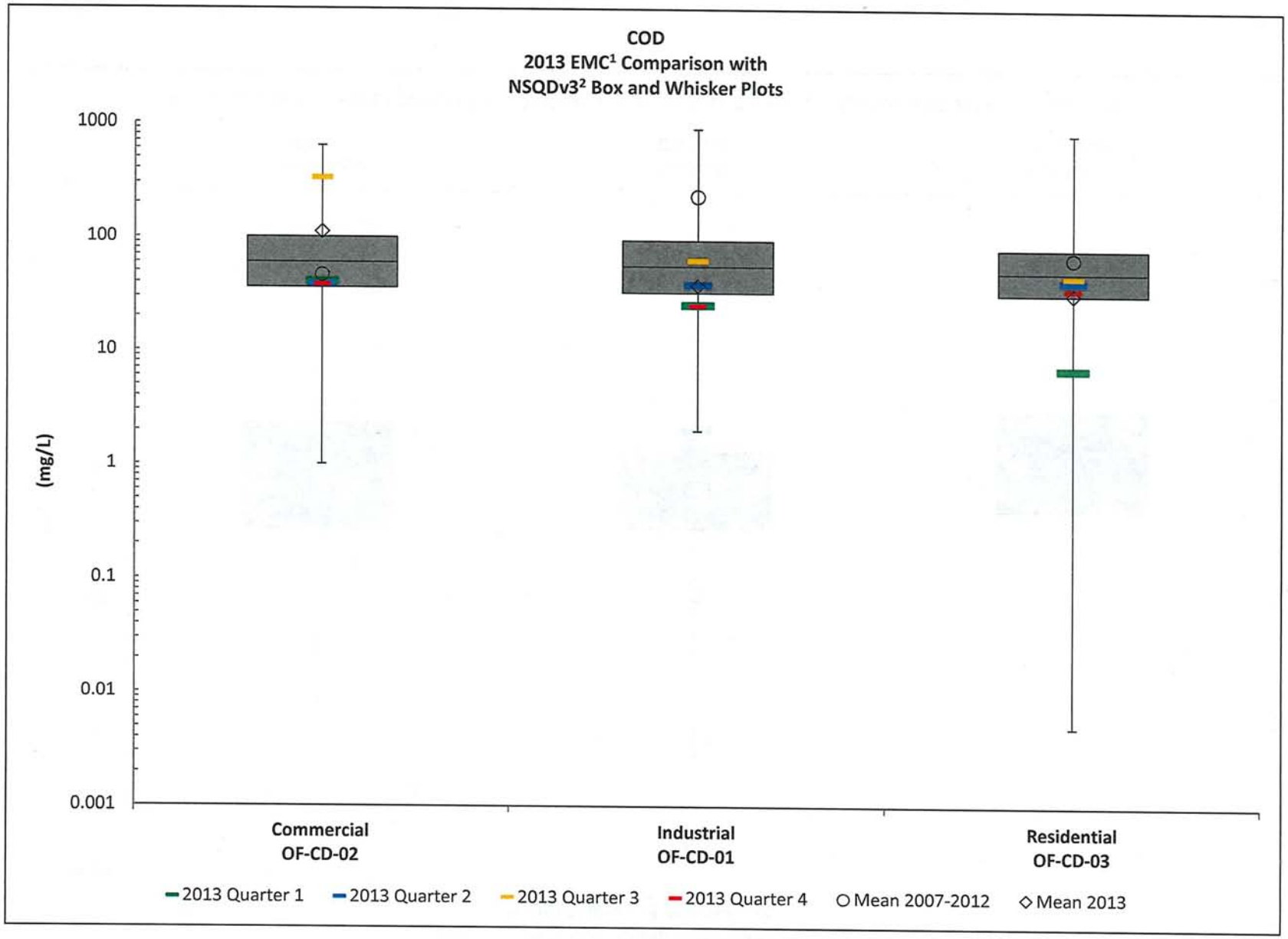
2. National Stormwater Quality Database, Version 3



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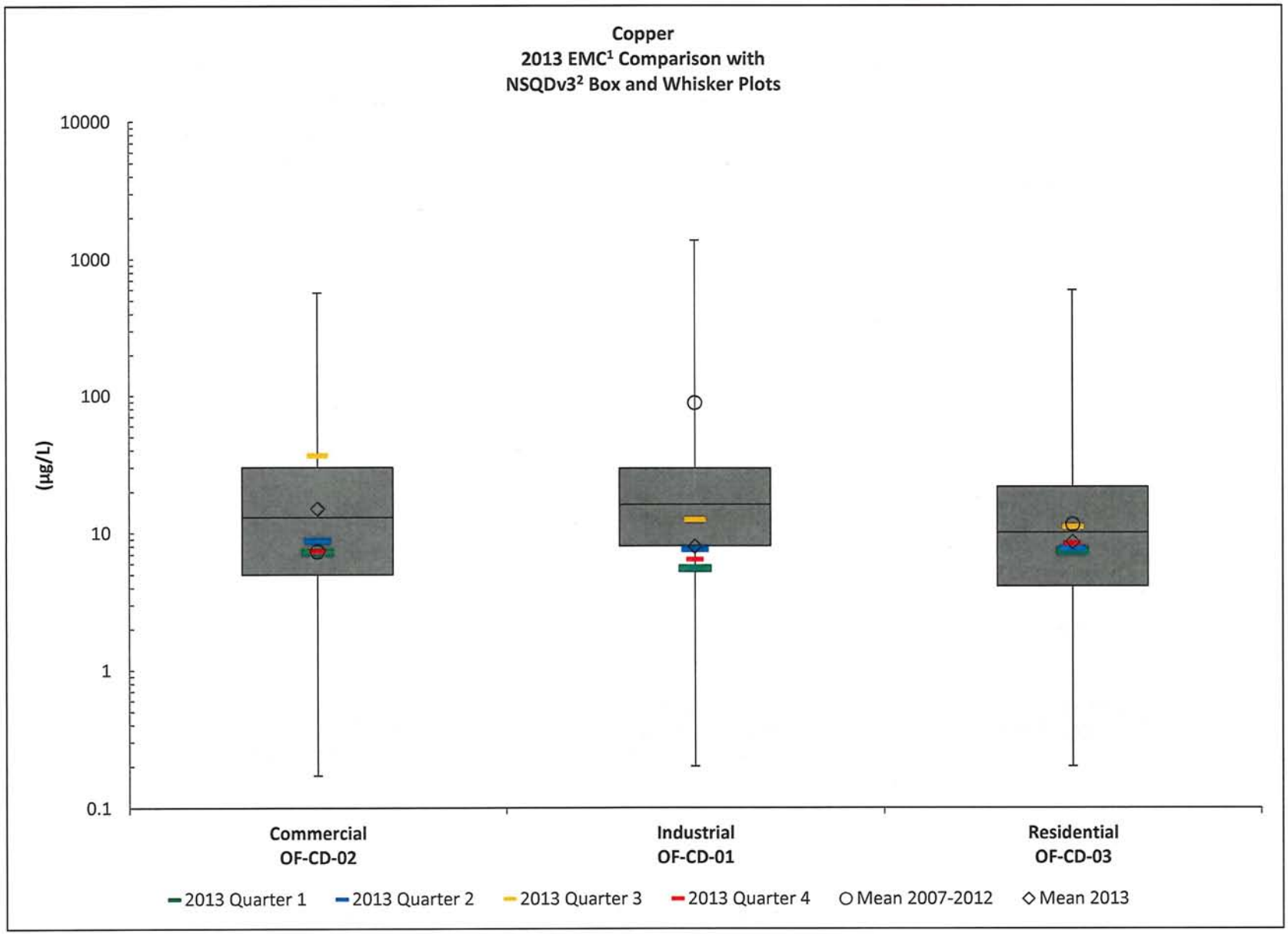
2. National Stormwater Quality Database, Version 3



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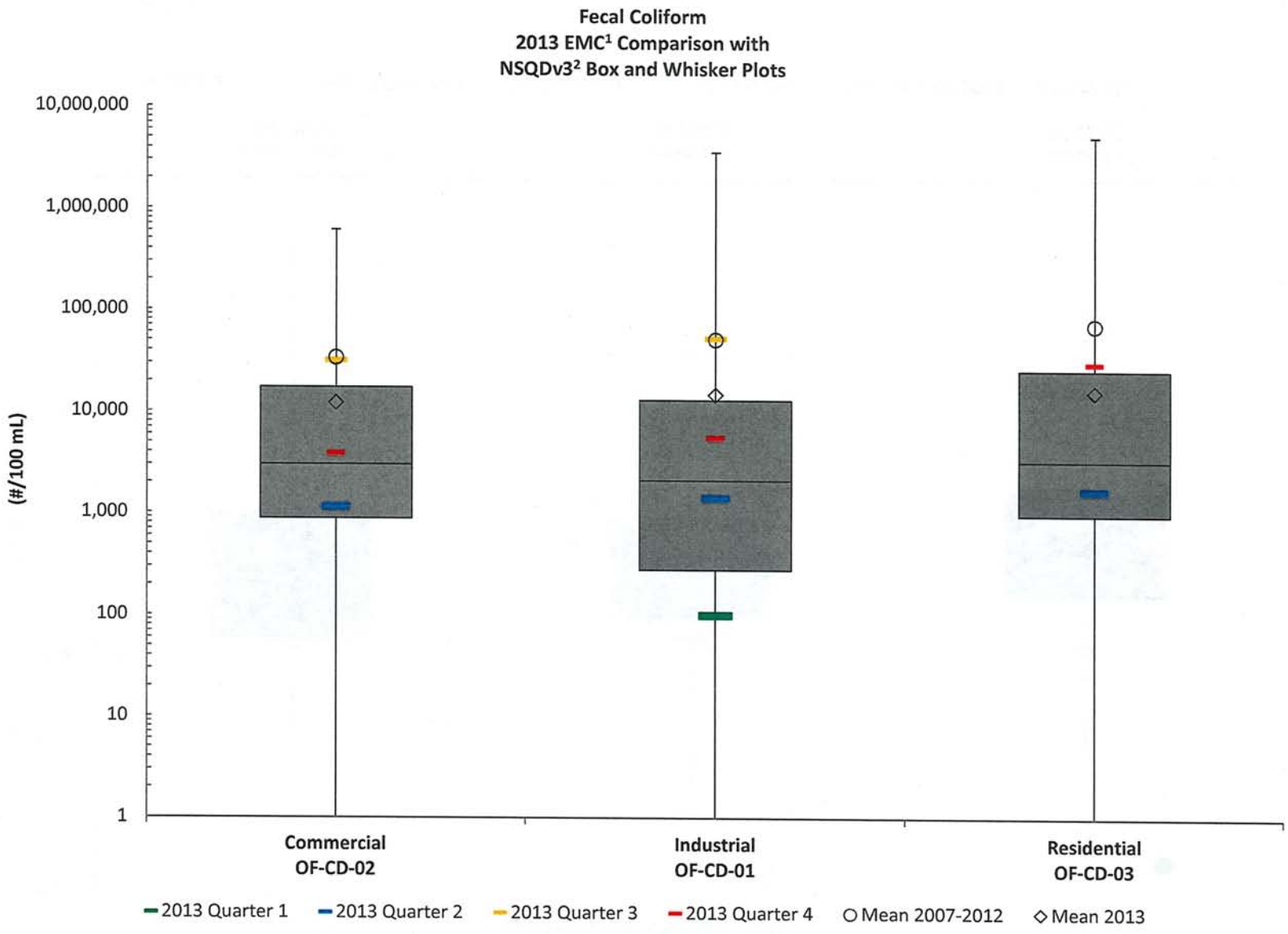

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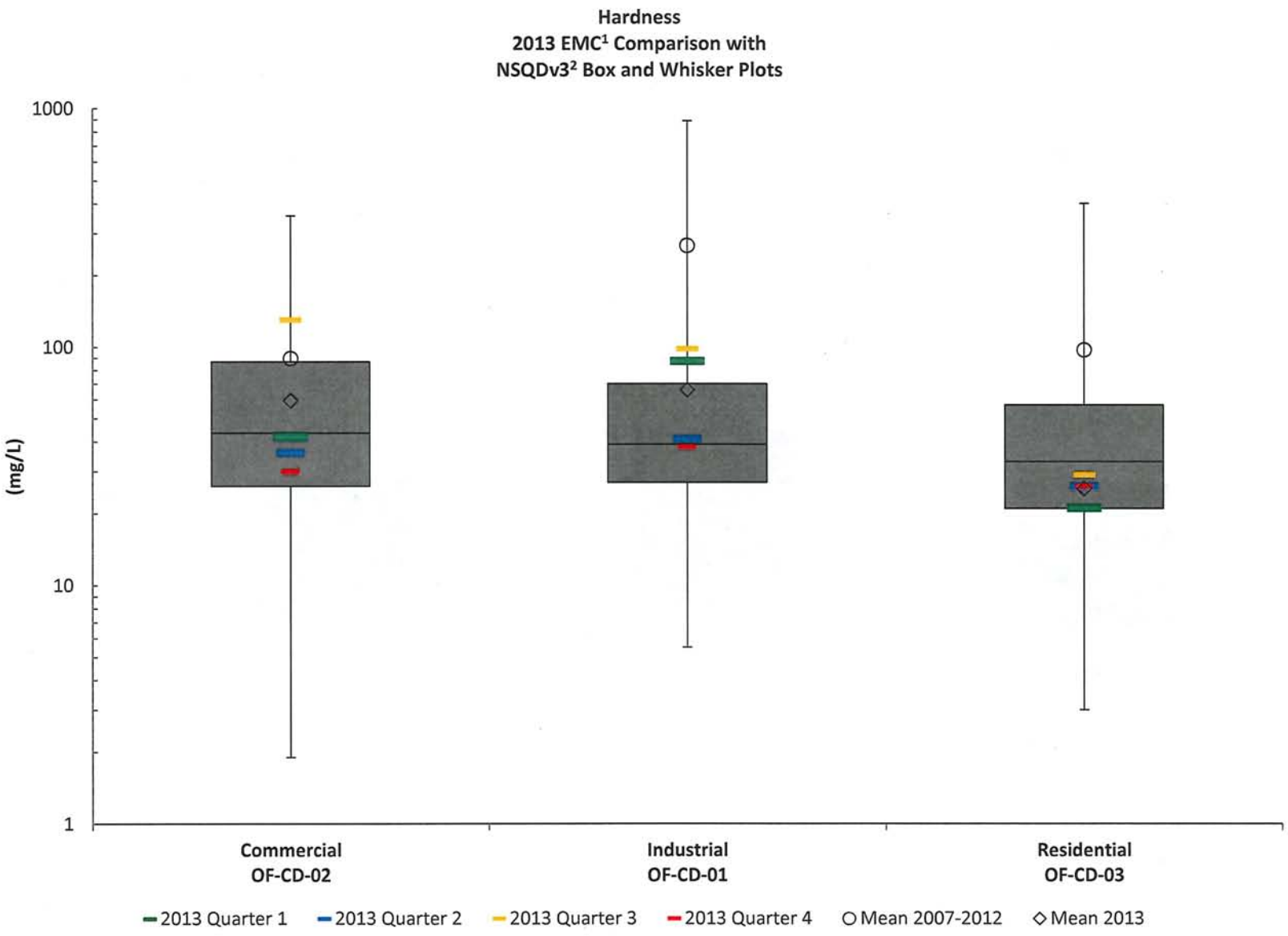
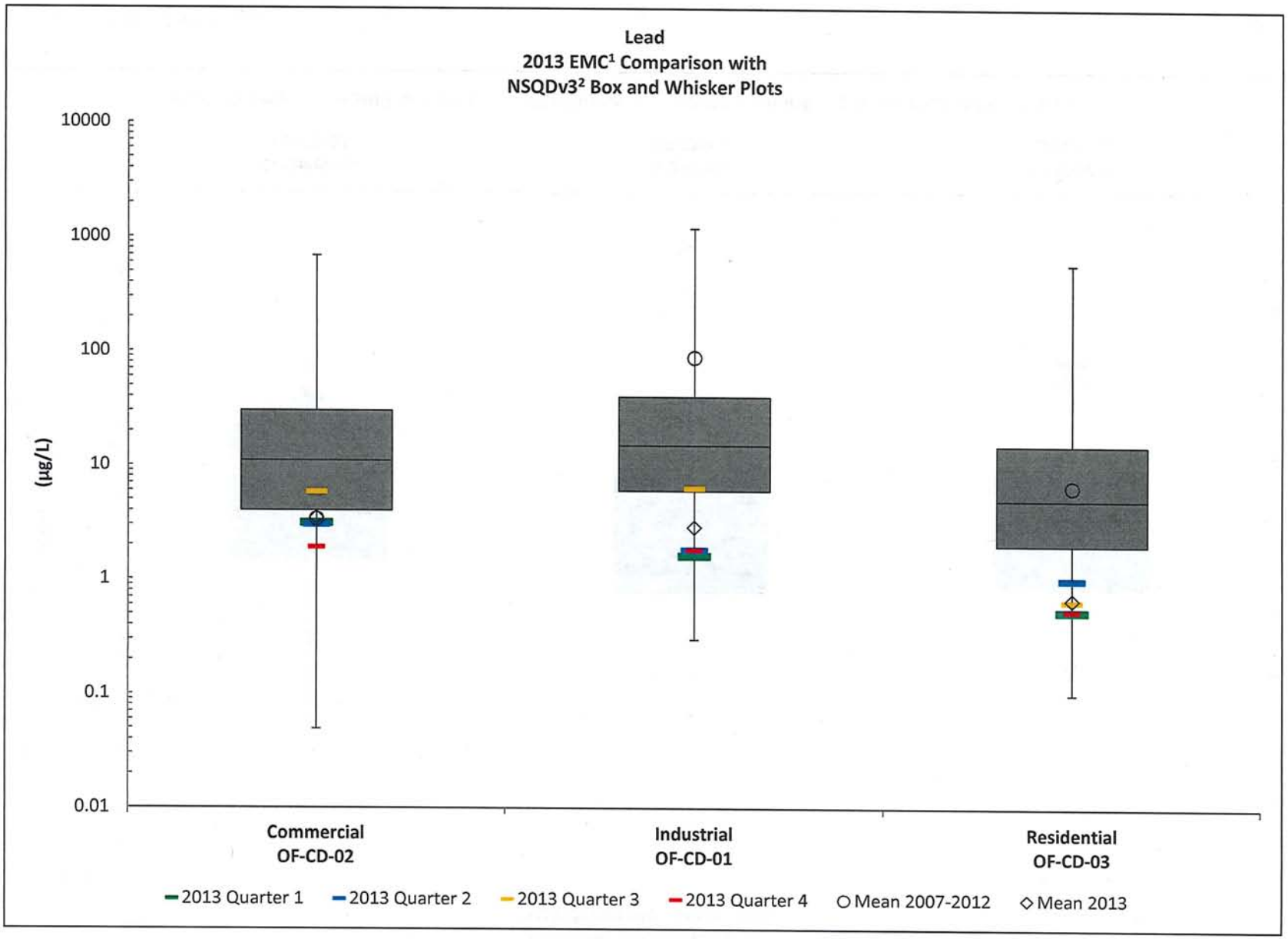
2. National Stormwater Quality Database, Version 3



1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3



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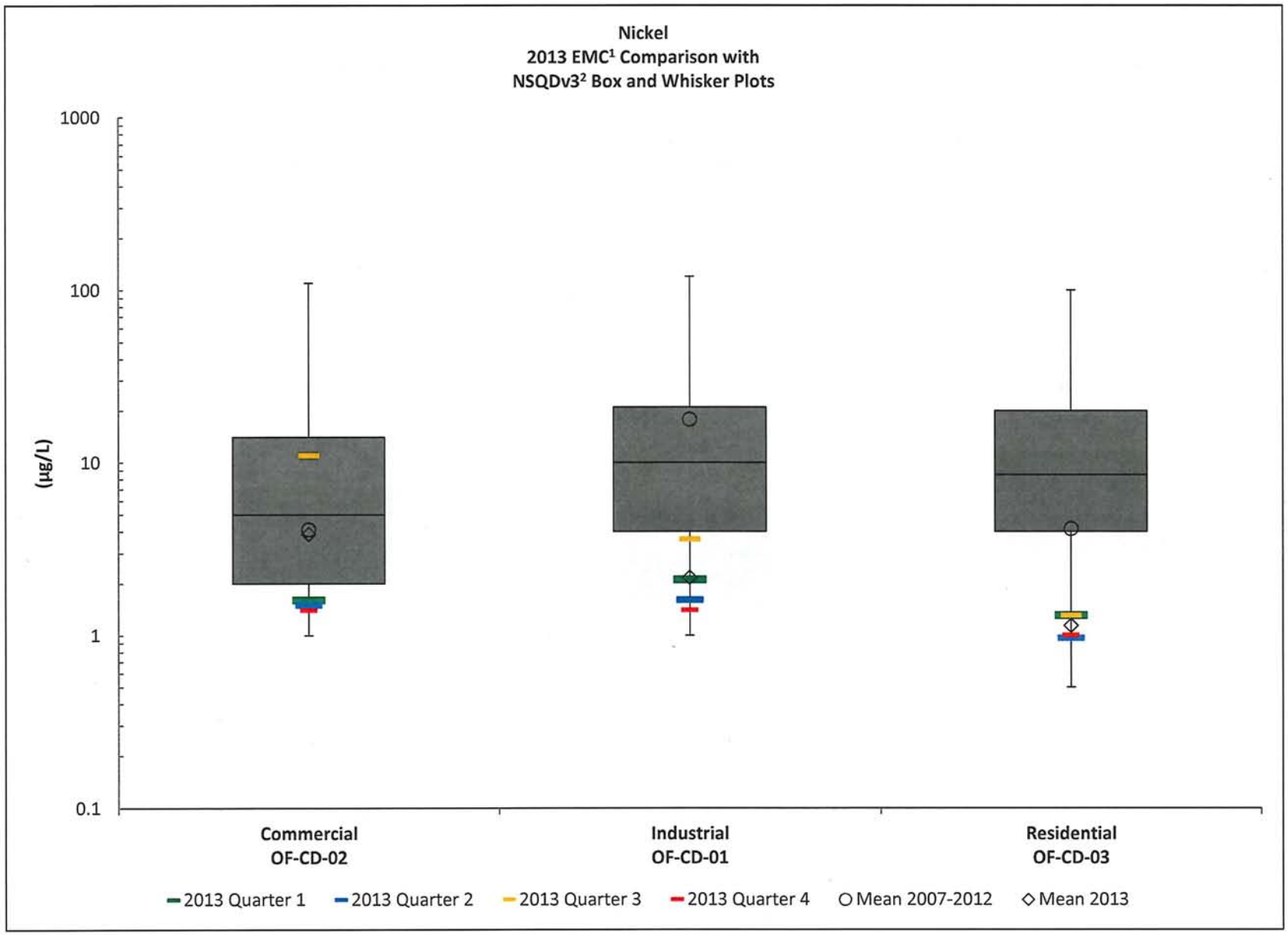
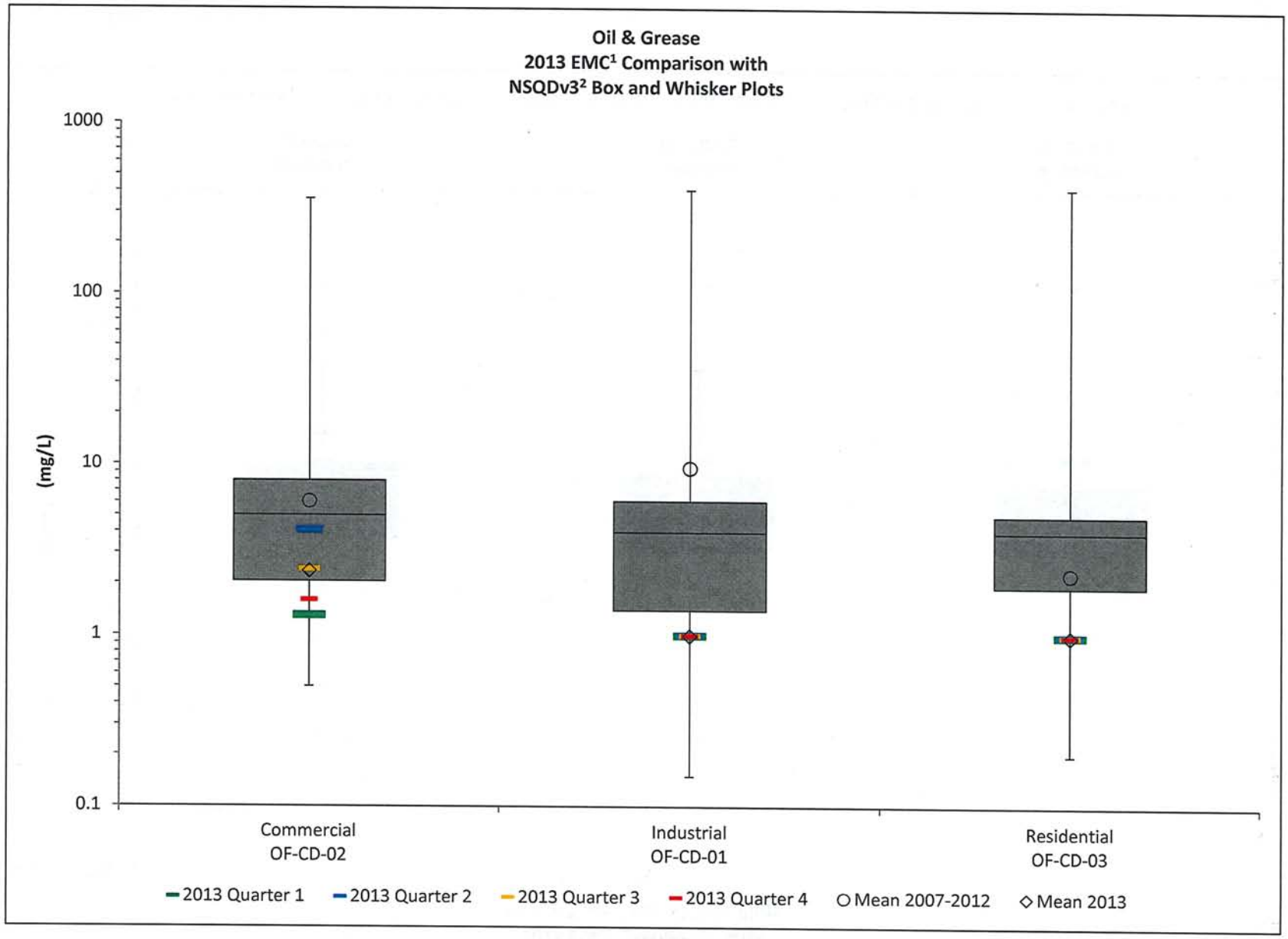
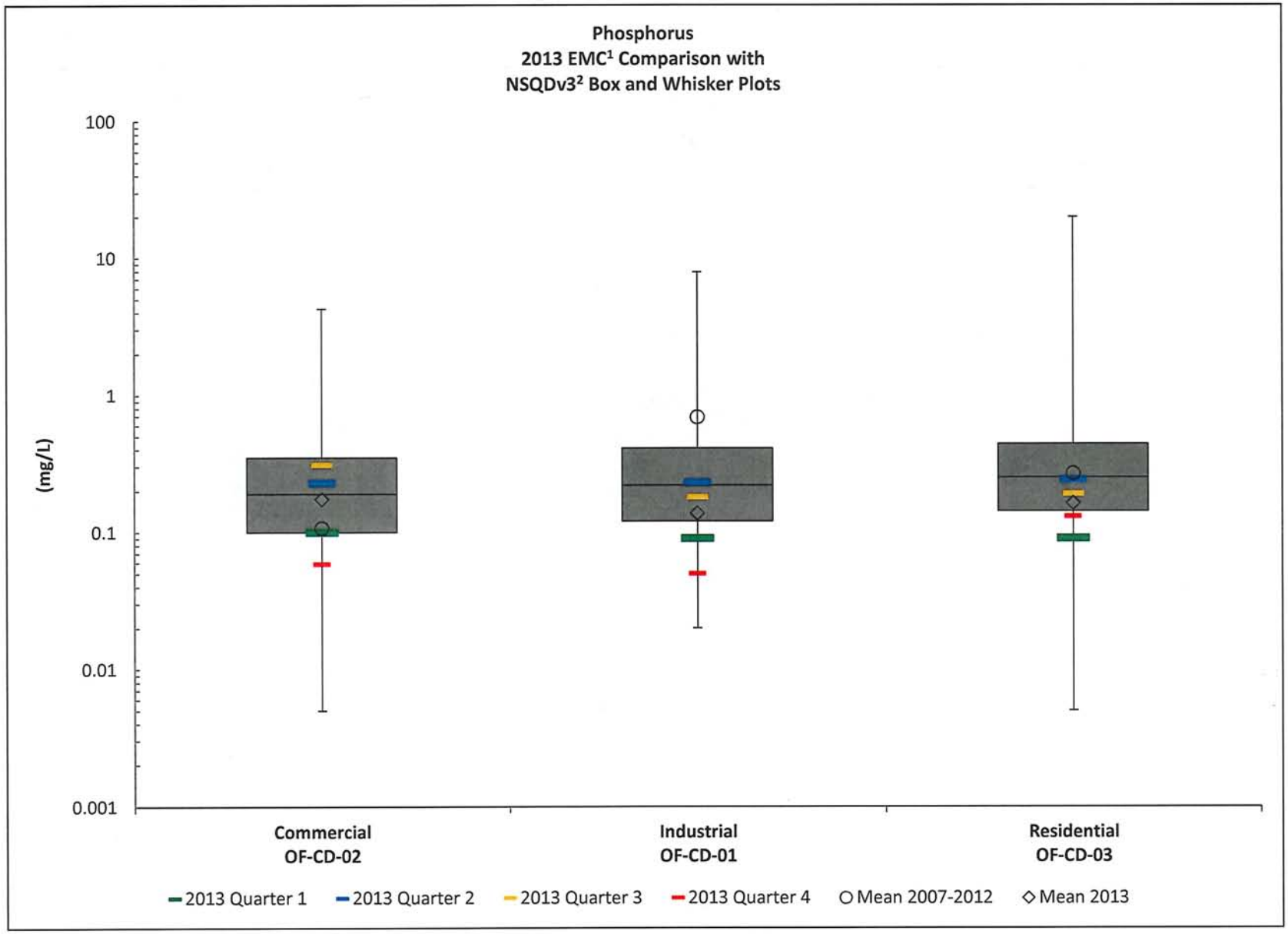
2. National Stormwater Quality Database, Version 3



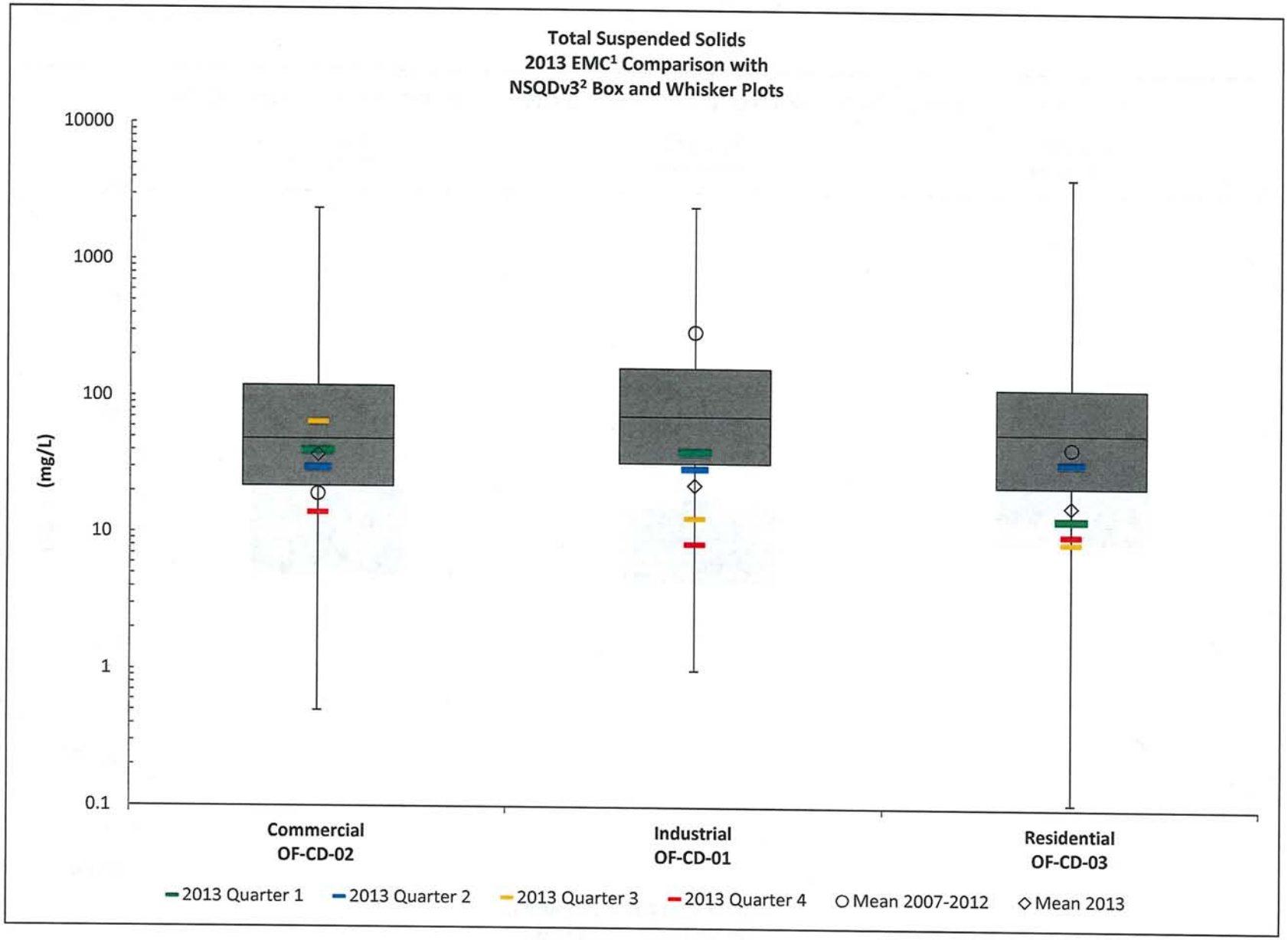
1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3



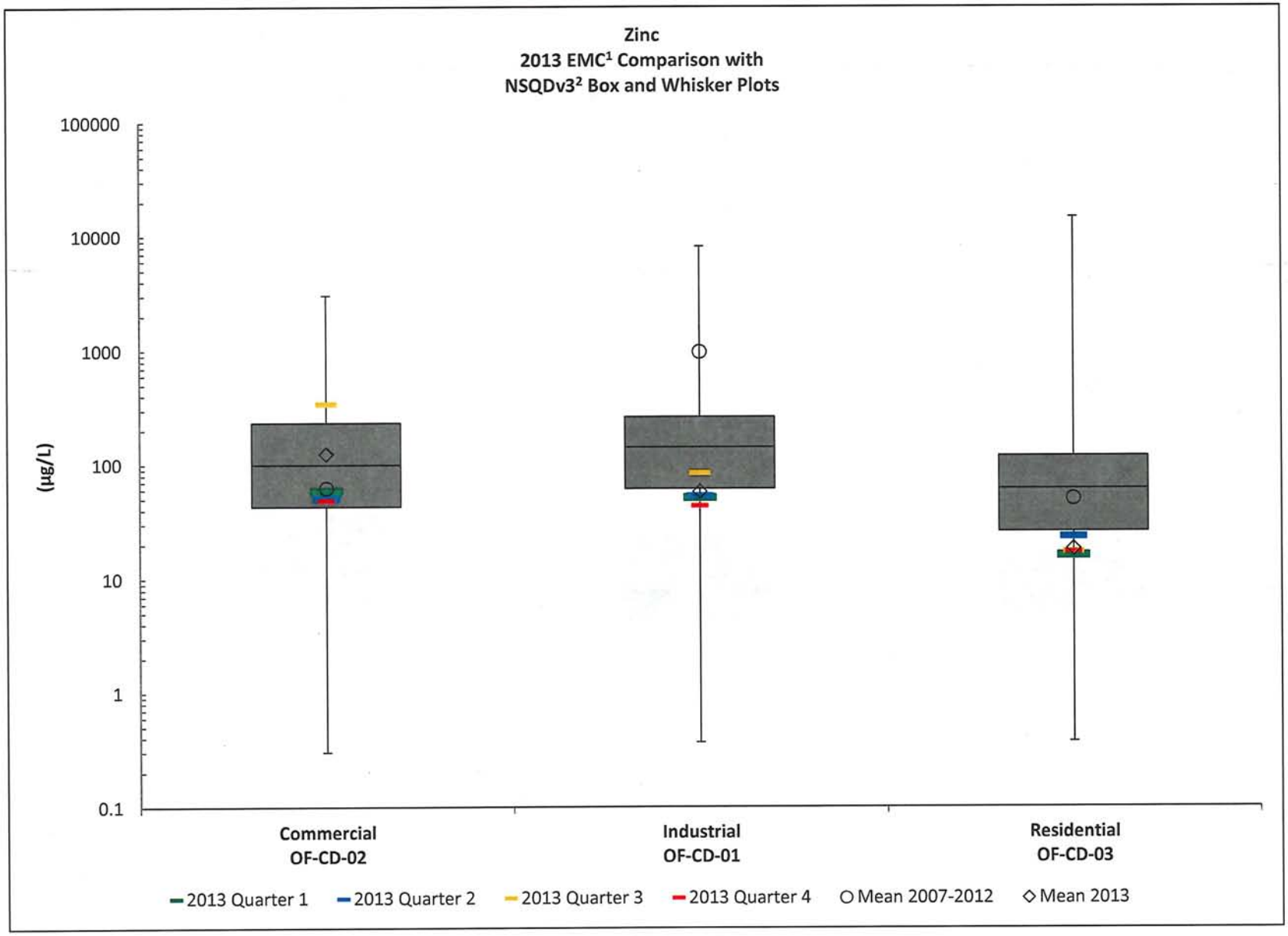
1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3



1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3



1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3



1. Event Mean Concentration
2. National Stormwater Quality Database, Version 3