



THE LORAIN COUNTY STORMWATER MANAGEMENT DISTRICT

March 30, 2016

Board Members

Lorain County Commissioners

- Ted Kalo
- Lori Kokoski
- Matt Lundy

James Cordes, Director

Don Romancak, Assistant Director

Theresa Upton, Record Custodian

Management Team

Ken Carney, Engineer

Bill Holtzman, Chief Deputy

Ohio Environmental Protection Agency
Division of Surface Water
Storm Water Program-Small MS4
P.O. Box 1049
Columbus, Ohio 43216-1049

To Whom It May Concern,

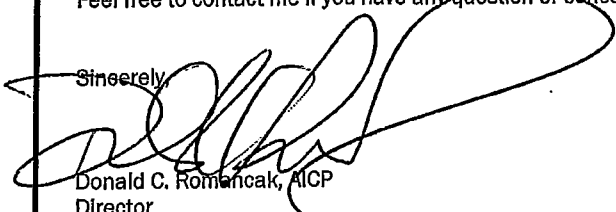
Enclosed is the 2015 NPDES Small MS4 General Permit (OHQ000002) Annual Reporting Form for the Lorain County Storm Water Management District including the MS4 Townships listed below.

Attachments to the report include:

- A- Table of Organization
- B- Lorain County and Co-permittee Applications and MOU's from the MS4 Townships and the City of Oberlin:
 - Amherst
 - Eaton
 - Elyria
 - Grafton
 - Carlisle
 - Columbia
 - Sheffield
 - City of Oberlin
- C- Resolution No.10-417 Illicit Discharge and Codified Ordinance 915.07 Oberlin City
- D- Resolution No. 10-418 MOU between Lorain County Commissioners and MS4 Townships
- E- Resolution No. SWD-15-7 MOU between Lorain County Commissioners and the City of Oberlin
- F- Resolution No: 08-375, No. 09-805, No. 09-806 Adoption of Erosion and Sediment Control Rules and Codified Ordinances 1315.14 and 1357.06 Oberlin City
- G- Plan Reviews/inspections/enforcement per Soil and Water District Records
- H- HSTS Maps
- I- MOU between Lorain County Engineer, Lorain County Commissioners and Lorain County Soil and Water Conservation District
- J- Lorain County General Health District IDDE letter RE: Year to date dry weather screening and sampling report for Carlisle Township's SM-125 tracking reports.

Feel free to contact me if you have any question or concerns regarding these documents.

Sincerely,


Donald C. Romancak, AICP
Director
Lorain County Community Development
County Administration Building- 5th Floor
226 Middle Avenue
Elyria, Ohio 44035
Office (440) 328-2323 fax (440) 328-2349 dromancak@loraincounty.us

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www.stormwater.loraincounty.us



NPDES Small MS4 General Permit (OHQ000003) Annual Reporting Form

Instructions for completing this form:

- OHQ000003 requires that this form be used when submitting annual reports. You may request approval to use your own reporting format.
- Annual Reports are due annually on or before April 1st.
- Complete the form and sign and date the certification statement below.
- If more space is needed than is provided, identify within the provided space that Attachment A, B, C, etc. has been attached.
- If an item of the form is not applicable for your program (such as street sweeping), fill in N/A in the space provided.
- Don't include attachments such as brochures, newspaper clips, sign-in sheets, etc. related to your program with this form. You only need to summarize these within this report. These records must be filed and will be needed during program audits.
- When complete, submit this Annual Report form to the following address:

Ohio Environmental Protection Agency
Division of Surface Water
Storm Water Program – Small MS4
P.O. Box 1049
Columbus, Ohio 43216-1049

Small MS4 Annual Report for Year: 2015

Ohio EPA Facility Permit Number: 3GQ10012*AG

Name of MS4: Lorain County

Primary Contact: Don Romancak

Title: Director, Community Development

Mailing Address: 226 Middle Ave. 5th Floor

City: Elyria

Zip Code: 44035

County: Lorain

Telephone Number: (440) 328-2323

Email Address: dromancak@loraincounty.us

Include or attach a Table of Organization. Indicate who (name and contact information) is responsible for overall management and implementation of your program, and if different, each minimum control measure of your program. Identify how development and implementation across multiple positions, agencies and departments occur. Also, identify any Memorandum of Understandings (MOUs) or other such agreements that exist.

Co-permittee applications were submitted in 2015 to the Ohio EPA.

- This Annual Report includes Lorain County and these Co-permittees :

- Amherst (3 GQ0023*AG)
- Eaton (3 GQ00109*BG)
- Elyria (3GQ00105*BG)
- Grafton (3 GQ00051*BG)
- Carlisle (3 GQ00095*BG)
- Columbia (3 GQ00107*BG)
- Sheffield (3 GQ00117*BG)
- City of Oberlin (3GQ00080*AG)

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 gather and evaluate 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 possibility of fine and imprisonment for knowing violations.

Print Name: _____ James Cordes _____

Print Title: _____ Lorain County Administrator _____

Signature: _____

Date: _____ 3/30/16 _____



SMALL MS4 ANNUAL REPORT

FORM

State of Ohio Environmental Protection Agency

PUBLIC EDUCATION & OUTREACH
Estimate Your Permit Area's Total Population: 17,176 (7,468 households)

Oberlin City Population: 8195

BMP (mechanism) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	% of Target Audience Reached	Summary of Results	Effective (Yes or No)
SWCD SWM/T	Create brochure and mail to 50% of permit area population over permit area.	"Amazing Shrinking Lawn" brochures. Also included was information on illicit discharge awareness and hotline information.	General Public	50% estimated	3,733 households reached Educational/Outreach materials were distributed during the Lorain County Fair (August 23-30) (125,718) paid attendees as well as (30,000-40,000) unpaid attendees. Over (3,000) seed packets distributed along with brochures. The Fall Farm Tour (September 26) Over (500) attendees. (250) brochures distri with (600) seed packets. (50) Maps. (200) rain gauges. Be A Friend to Pollinators brochure (200), Healthy Yard Neighborhood/Country Home Tri-Fold (130) Helping You Help Your Land Booklet (100) 2015 Soil Planner (250) Inch of Soil Poster (175) Native Orchids Need Their Pollinators Poster (185). (200) Rain Garden Manual for Homeowners (350) Water Cycle Posters (200) Your Hometown Clean Water Tour coloring book (150). "Amazing Shrinking Lawn" brochures (250). Seed packets. (4000)	Yes
SWCD/ SWD Lorain County Educational/Outreach materials were distributed during the Lorain County Fair (August 23-30, 2015) and the Fall Farm Tour (September 26, 2015).						Yes

SWCD PIPE/SWD (Public Meetings) Educational session – EPA Legislative update and regulatory implementation at the local level - Lorain County Community Alliance		EPA Legislative update and regulatory implementation at the local level. Zoning Inspectors,	Governmental Agencies, Storm Water Managers, Building Inspectors, MS-4 Townships, Townships, Contractors, General Public Welcome.	(45 plus) in attendance	Yes
SWD/LCCDD Educational session		Invasive Vegetation Control Training	Local Government and Contractors	(40+) in attendance	Yes
SWD/Western Reserve Conservation and Development Council/WKYC		"Low Salt Diet for Mother Nature"	General Public	Email campaign sent out (10,000) emails. (1,433) were opened. (137) visits onto WKYC email.	Yes
SWD/LC Metroparks/ LC Libraries		"Amazing Shrinking Lawn" brochures.	General Public	Over (250) brochures distributed to MS4 Libraries And Lorain County Metroparks	Yes
Lorain County General Health District/SWD Photo Contest (July 1- 21)		"Show Us How You Use H2O"	General Public	Over (19,000) website page views in two months. Promoted on radio and newspapers. Displayed on Social Media and District Websites.	Yes

<p>SWMMD Solid and Hazardous Waste Disposal (Collection Center)</p> <p>MS4 Townships Amherst, Carlisle, Columbia, Eaton, Elyria, Grafton, Sheffield City of Oberlin</p>	<p>Educate homeowners and contractors on the harmful effects of storm water pollution and how to dispose of household pollutants properly. Septic Systems and Storm water.</p>	<p>Storm Water Pollution Prevention for the Home. The Amazing Shrinking Lawn. Also included was information on illicit discharge awareness</p>	<p>MS4 Townships Amherst, Carlisle, Columbia, Eaton, Elyria, Grafton, Sheffield</p>	<p>100% of all MS4's</p>	<p>Amherst Twp. All township households (6000) reached quarterly newsletter. TV message reached (6000). Participated in LC Pride Day. (5) volunteers; collected 5.09 tons of trash, (50) bags of newspapers and (14) tires. Promote recycling and hazardous waste disposal via (16) 40 yard containers annually. Paper Recycling through ABITBI (1,295) Tons; (2.85) tons of scrap metal through the dumpster program; 505.00 tons of yard waste ground up and hauled away. (50) "Amazing Shrinking Lawn" brochures. Total Waste collected at LC Collection Center (23,787.5). LC Fair (19) educational survey participants. Carlisle Twp. Approx. 350+ Brochures and Recycle materials handed out at (2) Dumpster Days, one in spring and fall. Community Day approx. (80 +) participants; Pride Day (10) Lorain County Township Association Meeting (90+); message in Rural Urban approx. readership 20,000 plus digital readership. Participated in Pride Day (10) volunteers; collected 0.44 tons of trash. Website hits for 2015 were 28,000. Total Waste collected at LC Collection Center</p>	<p>Yes</p> <p>Yes</p>
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					<p>(98,302.6). LC Fair (32) educational survey participants.</p> <p><u>Columbia Twp.</u></p> <p>(125) brochures; website (24,511) visitors, (18,372) unique visitors. Banner in meeting room used by approximately (200) people per month; Placemats with a storm water theme were used at (2) dining events with approx. (150) in attendance; (50)</p> <p>"Amazing Shrinking Lawn" brochures. Total Waste collected at LC Collection Center (28,229.8). LC Solid and Hazardous Waste Disposal Collection Center promoted on township website via a link to the LC Solid Waste Management District website. LC Fair (9) educational survey participants.</p> <p><u>Eaton Twp.</u></p> <p>For distribution were 7 various brochures. Taken were: (2) "A Homeowners Guide to Healthy Habits for Clean Water"; (2) "Backyard Conservation: Lawns and Environment"; (3) Storm Water Pollution Protection for the Home"; PIPE messages on 2 LED Signs. Themes: "Non-Phos Fertilizer Minimizes Algae in Ponds & Lakes"; "Recycle Yard Waste @ Compost Site Open Saturdays 4/18 thru 11/28 10 am to 4pm"; "Recycle Papers."</p>	<p>Yes</p> <p>Yes</p>
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					<p>Magazines, Flattened Cardboard, & Beverage Cans At Our Drop-offs Here"; "Eaton Township Roadside Leaf Collection 10/26 thru 11/30"; "Protect Our Rivers & Lakes Allow Only Rain In The Storm Drain", displayed 1 per min. 24/7; (2) dumpster days (291) households participated. Residents were encouraged to recycle and safely dispose of trash and household hazardous waste. (550) cubic yards of trash and (3340) gallons of household hazardous waste collected. Abitibi container on site for paper and cardboard (12.967 tons) collected. Sponsored (195) Midview 3rd graders to a field trip at Republic Services Recycle Center; recycle crayon, recycle books, buses and drivers provided and paid for by township. Theme "Reuse and Recycle Don't Litter". Advertisements in Rural Urban Record</p> <p>Newspaper approx. readership (20,000 plus) digital readership. Eaton Twp. Storm Water Committee Meeting (4) attended; (21) Attendees at the "Township Storm Water</p> <p>Outline" held with Eaton Township Business Roundtable Group (50) "Amazing Shrinking Lawn" brochures. Total Waste collected at LC</p>
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					<p>Collection Center (55,743.0). LC Fair (23) educational survey participants.</p> <p><u>Elvira Twp.</u> Banners were displayed at a onetime event that had approx. (800) attendees; Messages on website. News release in Chronicle telegram; Promoted Pride Day (8) attended. Leaf collection 1x per year for 6 weeks recycled to local farmer; wood chip 10x per year; chips returned to residents. (50) "Amazing Shrinking Lawn" brochures Total Waste collected at LC Collection Center (29,089.5). LC Fair (27) educational survey participants.</p>	Yes
					<p><u>Grafton Twp.</u> 500 Brochures distributed; Taking Root for Clean Water & Storm Water Pollution Prevention for the Home. Banner displayed at (2) Fireman's Breakfast approx. October (300) in attendance; February (300) in attendance. Participated and promoted LC Pride Day (26) participants. (2) Dumpster days (225) participants. Storm water message promoted on outside 24/7 Twp. Community message board with education materials provided on bottom. Educational materials distributed at Midview Library. (50)</p>	Yes

					<p>"Amazing Shrinking Lawn" brochures. Tire site for Lorain County SWMD (142,760 lbs.) tires collected at the site and collection center. (5) Abitibi containers on site for paper and cardboard (17,161 tons) collected. Recycling containers located at concession stands and at all (3) baseball diamonds at Belden Park April through September. Signs posted at park for proper cleanup of pet waste. (est. 55 gallons) of used oil collected and sold to a resident for 1.00 for heat. Salvation Army container for clothes, books, etc. collected (12) times per year. Total Waste collected at LC Collection Center (41,413.2). 2015 Worked Outreach the LC Fair (12) educational survey participants. Attended (2) LC PIPE meetings.</p> <p>Sheffield Twp. Banners were displayed at an event "Night out of Crime" that had approx. (400) attendees. Information added to website; (2X per Year) Twp. mailing; every household (approx. 3200) recipients; 4 times per year held storm water public education prior to twp. Meetings. Meeting open to the public (approx. 40) in attendance. (50) "Amazing Shrinking Lawn" brochures. (500)</p>	Yes
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					<p>Storm Water related brochures distributed. Total Waste collected at LC Collection Center (6,878.3). LC Fair (10) educational survey participants. (500) Storm Water related brochures distributed at (6) Dumpster Days annually; handouts etc. (approx. 250) residents participated in Dumpster Days. (53) Tires picked up on road right away taken to collection center (Lorain City). (318) cubic yards of wood chips to Brian Kyles Co. (385) cubic yards of leaves to Brian Kyles Co. Scrap metals went to the P.S.C. in Elyria. America Recycles Plastic Bottle Contest for 3rd graders in November.</p>	
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City of Oberlin Brush and Leaf Collection Press releases and web posting. Baumann	Level of participation and Quantities of organic material recovered.	"Recovery...helps to keep excess nutrients out of the watershed, reduces the potential for algae growth and ensures higher quality aquatic habitat". "Do not rake leaves into the street -blocks storm sewers".	Single Family Residential Households	75%	Oberlin City (354.38) tons of leaves, (104.37) tons of brush and 35.25 tons of yard waste recovered.	Yes
Mosquito Control Brochure, press release and web posting. Baumann	Participation/quantities of Bti. Distributed.	Environmentally friendly mosquito control.	Residents	100% of residents by mailing address	Information posted on the City website and at City Hall. News Tribune press release published June 4, 2015. (642) B.t.i. briquettes distributed to (53) residents.	Yes
Pest Waste Control Public Works Staff	Pet waste stations installed/usage	Pet wastes transmits disease. Leash and clean up after your pet.	Dog Owners	15%	(5) "Mutt Mitt" pet waste stations located in City Parks that are popular dog walking areas. Approximately (8,000) bags used in 2015.	Yes
Storm Water Management Program Web Posting & Spring Newsletter Baumann	Overview of the City's SWMP available on-line	NPDES Overview Water Resources Protection	Residents and others visiting City website	5%	Improved information access	Yes (updates needed)
Riparian Corridor sign Baumann	Sign posted by Plum Creek	Answers questions: "What is a riparian corridor" Why is it important?	Visitors to Park Street and/or Spring Street Parks	5%	Improved understanding of the importance of the riparian corridor to water quality in the watershed. Electronic Spring newsletter (150) recipients. (50) "Amazing Shrinking Lawn" brochures. . LC Fair (30) educational survey participants. Public involvement included Public Utilities Commission meetings with (average 8-12) attendees. We promote	Yes

					our own program and the Lorain County Collection Center for HHW and other waste materials. Diverted (27.66) tons of HHW, E-Scrap, Lamps & Ballasts, Tires and Other Wastes from 44074 Zip Code. Total Waste collected at LC Collection Center (55,313.1). Promoted LC Pride Day with (35) Volunteers for Cleanup/planting and recycling drop-off.	
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PUBLIC INVOLVEMENT/PARTICIPATION

- Summarize activities you plan to undertake during the next reporting cycle.

BMP (Activity) & Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Summary of Planned Activities
General Public (Brochures, Website, LC Fair, Posters, TV Ad, Public Workshop)	Inform/educate/ promote watershed awareness and protection strategies throughout the Lake Erie Basin. Aimed at increasing the public's knowledge on the impacts of nonpoint source pollution.	"Lake Erie Starts Here!"	General Public	50%	Develop brochures; add information to website; provide information at Lorain County Fair, post posters at fair; Public Education Workshop MS4 Twps. and Oberlin City.
SWD PIPE MS4's Oberlin City SWD Storm Water Manager Training					
General Storm Water Quality (Banners, Workshops, LC Fair booth, LC and JVS Community Day and Senior Fair, Posters)	Inform general public about the importance of storm water quality. (Reach 20% of target audience per year)	"Steer Clear of Pollutants" "Clean Storm Water Starts at Home" "What is a Watershed" "It's Not Hard to have a Healthy Yard" "Storm Water: Slow it down, Spread it out, Soak it in" "Amazing Shrinking Lawn"	General Public	50% estimated	Lorain County Fair where estimated 130,273 paid attendees. LC PIPE booth set up in the LC Fair Soil and Water Barn. Banners continually posted at the Lorain County Community Development and Department/Storm Water District as well as the Soil and Water District. Banners available for events and will be displayed at the Joint Vocational School Community Day/Senior Fair. JVS estimates 3800

Storm Water Advisory Committee (Public Meetings) SWM/T	Hold a minimum of 2 meetings per year	Storm Water Discussion. Provides an opportunity for public education and input.	General Public	Average 11 people in attendance at each meeting	visitors. Flyers hand out at all events. Hold public meetings to review storm water program activities and discuss how to better operate the program.
Lorain County PIPE (Public Meetings) SWM/T Community Development Oberlin City	Hold public meetings at least quarterly.	Storm Water. This year the focus will be on "Lake Erie Starts Here!"	General Public	Estimated attendance 60	Hold public meetings

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (if available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)
Ordinance or Other Regulatory Mechanism	Develop regulatory mechanism to prohibit illicit discharge by 2011	Yes	Lorain County Resolution No. 10-417 (June 23, 2012) Amherst Twp. 6-9-10 Carlisle Twp. 2010-13 Columbia Twp. 24-2015 Eaton Twp. 2010-6-15-9 Elyria Twp. 011915-01 Grafton Twp. 20100511-08 Sheffield Twp. 002-2015	This regulatory mechanism has already been created.	Yes
SWM/T MS4	Develop regulatory mechanism to prohibit illicit discharge in 2015.	Yes	Oberlin City Codified Ordinance 915.07 "Wastewater Treatment Required". See www.conwaygreene.com/Oberlin.htm	This regulatory mechanism has been created in conjunction with Lorain County Storm Water Management District.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
Storm Sewer System Map	Complete required mapping by end of current permit cycle.	Yes	There has been a map created of the ditches and storm sewers for the County MS4. In order to complete this map the Catch Basins and water quality basins were mapped. Provided Townships with Maps of their known existing MS4 Infrastructure.	Yes
County Engineer				
Oberlin City	Map Development	Yes	GIS-based map of receiving waters, piped storm sewer system and catch basins, some tributary ditches, public storm water quality facilities and some private storm water quality facilities.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates	Effective (Yes or No)
HSTS Mapping and List	Complete HSTS map and list by end of current permit cycle	Yes	A map has been create of all of the HSTS's within the County. This map has been refined to show the HSTS's that discharge to the County MS4. This may cover the MS4 Township area.	Yes
LC Health District				
Oberlin City	Complete HSTS map and list by end of current permit cycle	Yes	HSTS site list developed; acquisition of the Lorain County General Health District database complete, cross—referenced with City of Oberlin utility billing system.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Summary of Activities or Updates				Effective (Yes or No)
IDDE Plan	Document IDDE plan by the end of 2012	Yes	The IDDE plan was completed in 2012 and covers the county and MS4 Twp. Areas.				Yes
SWM/T	Develop and Implement Action Plan	No	Review of Permit Requirements.				No
Oberlin City							
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Outfalls Screened	# of Dry-Weather Flows Identified	# Of Illicit Discharges:		Effective (Yes or No)
Dry-Weather Screening of Outfalls Total # of Outfalls 356	Re-Screen all outfalls by the end of the current permit cycle	In Process. All Oberlin outfalls and Carlisle Outfalls were screened in 2015	Oberlin City 123 Carlisle Twp 43	Oberlin City 19 Carlisle Twp 13	Oberlin & Carlisle outfalls all had some level of either surfactants, Ammonia or Potassium indicating potential illicit discharges. 4 of the discharges from Carlisle were traced back to HSTS and the Health department was notified for further action. Continued tracing will occur in 2016.		See attached letter from the health department.
County – 100 Amherst Twp – 22 Carlisle Twp – 43 Columbia Twp – 25 Eaton Twp – 54 Elyria Twp – 11 Grafton Twp – 5 Sheffield Twp – 0 Oberlin City – 123							Yes

*Include an attachment which provides schedules for elimination of illicit connections that have been identified but have yet to be eliminated.

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism	Develop regulatory mechanism to prohibit illicit discharge by 2011.	The regulatory mechanism has been implemented.	The regulatory mechanism has been implemented.
SWMNT Oberlin City	Develop regulatory mechanism to prohibit illicit discharge by 2015.	The regulatory mechanism has been implemented.	The regulatory mechanism has been implemented.
Storm Sewer System Map			
SWMNT	Continue to update existing mapping of Lorain County and Townships from paper to GIS mapping. Completed mapping in 2016.	Updated Ex. Mapping to GIS for Lorain County, Eaton and Elyria Twps.	Updated existing mapping by end of next permit cycle
Oberlin City	Ongoing maintenance and updates of map.	Incorporate all STS improvements, ditches and private water quality facilities into map.	Ongoing
HSTS Mapping and List			
SWMNT	Maintain HSTS Maps	Map and list created. Will be updated as needed.	Annually
Oberlin City	Complete list of all HSTS; incorporate into map.	Complete. Ongoing monitoring for new HSTS or replacement of existing.	Ongoing

IDDE Plan				
SWM/T		Document IDDE plan by the end of 2016.	Continue IDDE plan and begin implementation. Screening to be done in these MS4's and additional based upon complaints.	Document IDDE plan was created in 2012. Updating in 2016.
Oberlin City		Plan developed in 2015. Document IDDE plan by the end of 2016.	Continue IDDE plan and begin implementation. Screening to be done in Oberlin City and additional based upon complaints.	Document IDDE plan was created in 2015. Updating in 2016.
Dry-Weather Screening of Outfalls		All outfalls have been screened. Goal is to continue screening program in accordance with SWMP.	Provide 20% screening of pre-screened outfalls.	Annually
Tracing SWM/T		Trace source of dry weather flows.	Trace 20% of dry weather flows.	Traced 100% of dry weather flows in the last 5 years.
Oberlin City		Trace source of dry weather flows.	Trace 20% of dry weather flows.	Complete by end of permit term.

CONSTRUCTION SITE RUNOFF CONTROL

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)	
Ordinance or Other Regulatory Mechanism						
SWMT	Develop Regulatory mechanism to control construction site runoff	Yes	Resolution 09-805 (November 19, 2009) Ordinance covers MS4 Townships	The regulatory mechanism has been implemented.	Yes	
Oberlin City	Develop Authority	Yes	1315.11 "Storm Water Drainage" 1315.14 "Erosion and Sediment Control" See www.conwaygreene.com/Oberlin.htm	The regulatory mechanism has been implemented with the Lorain County Storm Water Management District.	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Standards Being Used	Summary of Results or Activities	Effective (Yes or No)	
Sediment and Erosion Control Requirements						
SWCD, Lorain County Engineer	Develop sediment and erosion control	Yes	Lorain County Erosion and Sediment Control Rules cover the MS4 Townships	The regulatory mechanism has been implemented	Yes	
Oberlin City	Implementation of BMP's as described in the applicable SWP3s	Yes	The approved SWP3 in conjunction with the City of Oberlin Public Works Standards	(3) active SWP3s in the City of Oberlin MS4	Yes	
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Complaints		Summary of Results or Activities	Effective (Yes or No)
			Received	Followed-Up On		
Complaint Process						
SWCD						
SWMT	Record all complaints and review sites for violations for the county and the MS4 Townships	Yes	1	1	Any complaints are handled in an appropriate manner.	Yes
Oberlin City	Develop procedures for receiving and considering information from the public.	Constructing with LC Storm Water Management District	0	0	Any complaints will be handled in an appropriate manner.	No

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)
Site Plan Review Procedures	Review all site plans with a disturbed area greater than or equal to one acre for the county and the MS4 Townships.	Yes	46	46	All site plans with a disturbed area greater than or equal to one acre for the county and the MS4 Townships were reviewed.	Yes
SWCD			2	2	2 SWPPP reviewed and approved.	Yes
Oberlin City	Site Plans developed in accordance with applicable standards.	Yes				
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed			Effective (Yes or No)
			# of Applicable Sites	# Performed	Avg. Frequency	
Site Inspection Procedures	Visit each active site once per month acre for the county and the MS4 Townships.	Yes	Amherst 2 Carlisle 5 Columbia 22 Eaton 8 Elvira 0 Grafton 1 Sheffield 0	Amherst 2 Carlisle 6 Columbia 23 Eaton 10 Elvira 0 Grafton 1 Sheffield 0	Monthly	Yes
SWCD					Site Inspection Procedures, SWCD Visit each active site once per month acre for the county and the MS4 Townships.	Yes
Oberlin City						

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters	# of Enforcement Actions		
Enforcement Procedures	Develop plan to ensure compliance with S&E Control requirements for the county and the MS4 Townships.	Yes	Amherst 2 Carlisle 2 Columbia 26 Eaton 18 Elvira 0 Gratton 0 Sheffield 0	Amherst 2 Carlisle 2 Columbia 26 Eaton 18 Elvira 0 Gratton 0 Sheffield 0	Any letters and notices of deficiency are handled in an appropriate manner.	Yes
SWCD			0	0		
Oberlin City	Develop plan to ensure compliance with S&E Control requirements for City of Oberlin.	Yes	0	0		Yes

CONSTRUCTION SITE RUNOFF CONTROL

- Summarize activities you plan to undertake during the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism			
SWM/T	The regulatory mechanism has already been created for the county and the MS4 Townships.	The regulatory mechanism has already been created for the county and the MS4 Townships	Throughout the year
Oberlin City	The regulatory mechanism has been created with the Lorain County Storm Water District for Oberlin City in 2015.	The regulatory mechanism has been created with the Lorain County Storm Water District for Oberlin City in 2015.	Throughout the year

Sediment and Erosion Control Requirements				
SWMNT	Provide plan review in accordance with sediment and control requirements	Provide plan review in accordance with sediment and control requirements	Throughout the year	
Oberlin City	Provide plan review in accordance with sediment and control requirements	Provide plan review in accordance with sediment and control requirements	Throughout the year	
Complaint Process				
SWMNT	Record all complaints and review sites for violations for the county and the MS4 Townships.	Continue addressing complaints as they come in for the county and the MS4 Townships.	Throughout the year	
Oberlin City	Standardize a formal process/format.	Outline procedure(s) for responding to information submitted by the public.	Throughout the year	
Site Plan Review Procedures				
SWMNT	Review all site plans with a disturbed area greater than or equal to one acre for the county and the MS4 Townships.	Continue with site plan reviews with a disturbed area greater than or equal to one acre for the county and the MS4 Townships.	Throughout the year	
Oberlin City	Review all site plans with a disturbed area greater than or equal to one acre for the City of Oberlin.	Continue with site plan reviews with a disturbed area greater than or equal to one acre for the City of Oberlin.	Throughout the year	

Site Inspection Procedures			
SWMAT	Visit each site for the county and the MS4 Townships once per month.	Use standard inspection forms to evaluate sites.	Throughout the year
Oberlin City	Visit each site for the City of Oberlin once per month.	Use standard inspection forms developed by the Lorain County Storm Water Management District to evaluate sites.	Throughout the year
Enforcement Procedures			
SWMAT	Develop plan to ensure compliance with S&E Control requirements for the county and the MS4 Townships. Require signoff on sub divisions prior to Planning Commission Approval.	Continue to follow enforcement procedures outline in the ESC requirements for the county and the MS4 Townships.	Throughout the year
Oberlin City	Standardized and document enforcement procedures completed in 2015 in conjunction with the Lorain County Storm Water District.	Follow enforcement procedures outline in the ESC requirements for the City of Oberlin.	Throughout the year

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Cite Local Code(s) Being Used (If available, web link for code(s))	Summary of Results or Activities	Effective (Yes or No)
Ordinance or Other Regulatory Mechanism					
SWMT	Developed regulatory mechanism for post construction that applies to the county and the MS4 Townships.	Yes	Resolution 09-806 (November 19, 2009) Includes MS4s: Amherst Twp. Carlisle Twp. Columbia Twp. Eaton Twp. Elyria Twp. Grafton Twp. Sheffield Twp.	Complied with Post-Construction Requirements	Yes
Oberlin City	Developed regulatory mechanism for post construction.	Yes	Oberlin City Ord. 96-82 AC. (Passed 9-16-96) 1357.06 and 1315.14	Complied with Post-Construction Requirements	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Structural and/or Non-Structural Standards Being Used	Summary of Results or Activities	Effective (Yes or No)
Post-Construction Requirements					
SWCD, LORAIN COUNTY ENGINEER	Develop post-construction that applies to the county and the MS4 Townships.	Yes	Lorain County Post Construction Rules	Complied with Post-Construction Requirements	Yes
Oberlin City	Requirements for post construction BMPs.	Yes	Oberlin City Post Construction Rules	Complied with Post-Construction Requirements	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Applicable Sites Requiring Post-Const. BMPs	# of Plans Reviewed	Summary of Results or Activities	Effective (Yes or No)
Site Plan Review Procedures						
SWCD, LORAIN COUNTY ENGINEER	Review all site plans with post-construction requirements for the county and the MS4 Townships.	Yes	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Reviewed all site plans with post-construction BMP's for the county and the MS4 Townships.	Yes
Oberlin City	Site plans developed in accordance with applicable standards.	Yes	Oberlin City 2	Oberlin City 2	Reviewed all site plans with post-construction BMP's for the City of Oberlin.	Yes
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Site Inspections Performed		Summary of Results or Activities	Effective (Yes or No)
			# Performed	Avg. Frequency		
Site Inspection Procedures						
SWCD	Perform inspection after construction is complete for the county and the MS4 Townships.	Yes	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Once per year	Need to perform inspections for all sites where construction has been finalized.	Yes
Oberlin City	Perform inspection after construction is complete for the City of Oberlin.	No	Oberlin City 0	Once per year	Need to perform inspections for all sites where construction has been finalized.	Yes

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Violations		Summary of Results or Activities	Effective (Yes or No)
			# of Violation Letters	# of Enforcement Actions		
Enforcement Procedures						
SWCD	Continue to ensure compliance with Control Requirements complete for the county and the MS4 Townships.	Yes	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Followed enforcement procedures.	Yes
Oberlin City	Continue to ensure compliance with Control Requirements complete for the City of Oberlin.	No	Oberlin City 0	Oberlin City 0	Followed enforcement procedures.	No
BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	# of Sites Requiring Plans/Agreements	# of Plans Developed/Agreements in Place	Summary of Results or Activities	Effective (Yes or No)
Long-Term O&M Plans/Agreements						
SWCD	Continue requiring O&M plans /agreements for the county and the MS4 Townships.	Yes	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Amherst Twp. 0 Carlisle Twp. 0 Columbia Twp. 0 Eaton Twp. 0 Elyria Twp. 0 Grafton Twp. 0 Sheffield Twp. 0	Need to ensure that all sites for the county and the MS4 Townships requiring post construction also provide O&M.	Yes
Oberlin City	Regulatory mechanism	Yes	Oberlin City 0	Oberlin City 0	Need to ensure that all sites for the City of Oberlin requiring post construction also provide O&M.	Yes

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Ordinance or Other Regulatory Mechanism	Comply with ordinance in place for the county and the MS4 Townships.	Comply with ordinance in place	Throughout Year
SWM/T			
Oberlin City	Comply with ordinance in place for the City of Oberlin.	Comply with ordinance in place	Throughout Year
	Comply with Post-Construction Requirements for the county and the MS4 Townships.	Comply with Post-Construction Requirements	Throughout Year
Post-Construction Requirements			
SWM/T			
Oberlin City	Comply with Post-Construction Requirements for the City of Oberlin.	Comply with Post-Construction Requirements	Throughout Year
Site Plan Review Procedures	Review all site plans with Post Construction Requirements for the county and the MS4 Townships.	Continue with site plan review for both the county and the MS4 Townships.	Throughout Year
SWM/T			
Oberlin City	Review all site plans with Post Construction Requirements for the City of Oberlin.	Continue with site plan review for the City of Oberlin.	Throughout Year

Site Inspection Procedures			
SWM/T	Inspect all sites after final stabilization for compliance with post construction requirements for the county and the MS4 Townships.	Perform annual inspections for the county and the MS4 Townships.	Throughout Year
Oberlin City	Inspect all sites after final stabilization for compliance with post construction requirements for the City of Oberlin.	Perform annual inspections for the City of Oberlin.	Throughout Year
Enforcement Procedures			
SWM/T	Continue to ensure compliance control requirements for the county and the MS4 Townships.	Enforcement procedures have been created. Continue to follow procedures as needed for the county and the MS4 Townships.	Throughout Year
Oberlin City	Continue to ensure compliance control requirements for the City of Oberlin.	Enforcement procedures have been created. Continue to follow procedures as needed for the City of Oberlin.	Throughout Year
Long-Term O&M Plans/Agreements			
SWM/T	Continue requirement for O&M Plans/agreements for the county and the MS4 Townships.	This requirement is part of the site plan approval process. Need to ensure all plans post construction. Post construction requirements also have an O&M agreement in place.	Throughout Year
Oberlin City	Continue requirement for O&M Plans/agreements for the City of Oberlin.	This requirement is part of the site plan approval process. Need to ensure all plans post construction. Post construction requirements also have an O&M agreement in place.	Throughout Year

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP & Responsible Party	Measurable Goal	Completed (Yes or No)	Topic(s)	Targeted Audience	# of Employees Attended	Summary of Activity	Effective (Yes or No)
Employee Training Program County Engineer Elyria Twp. Sheffield Twp.	Provide Training for appropriate County Staff	County Yes Amherst Twp. Yes Carlisle Twp. Yes Columbia Twp. No Eaton Twp. Yes Elyria Twp. Yes Graton Twp. Yes Sheffield Twp. Yes	Storm Water Run-off, Proper Disposal, Records and Pollutants Ohio EPA-Municipal Separate Storm Sewer Systems MS4 Training and Update Seminar	Maintenance, Survey, Twps. & Sanitary Employees	County 58 Amherst Twp. 1 Carlisle Twp. 3 Columbia Twp. 0 Eaton Twp. 5 Elyria Twp. 3 Graton Twp. 2 Sheffield Twp. 3	Annual OSHA and EPA Training	Yes
Oberlin City	Provide Training for appropriate City of Oberlin Staff.	Oberlin City- Yes	"Runoff Reduction Method" "208 Water Quality Planning"	Maintenance, Survey, Twps. & Sanitary Employees	Oberlin City (1)	Continuing Education	Yes

List of Municipal Facilities Subject to Program		O&M Procedures Developed for Facilities (Yes or No)	# of Facility Inspections Performed	Frequencies of Such Inspections
Russia Road Maintenance Facility Elvria Twp. Maintenance Facility		Yes Yes; created in 2013 by SWMT	8 monthly 1-Technical 4-General	Monthly Technical-Annually General-Quarterly Technical-Annually General-Quarterly To be determined.
Sheffield Twp. Maintenance Facility		Yes; created in 2013 by SWMT	1 Technical 4 General	General-Annually Technical-Quarterly All City Maintenance facilities under development.
Oberlin City Oberlin Cemetery Oberlin Compost Facility Oberlin Municipal Light and Power Oberlin Service Complex.		Under development. This includes all of the City Maintenance Facilities.	No inspections performed on any of the City Maintenance Facilities.	
MS4 Maintenance	Summarize Maintenance Activities and Schedules		Summarize Activities Performed	
	County-Ditch Cleaning, Street Sweeping, Catch Basin Clean Out and Rebuilding, Outlet Clean Out-, Culvert Upgrades, CPP, RCP, CMP.	County-Ditch Cleaning-35,598 ft.; Drive Pipes Repaired 5; CB's Cleaned 15; CB's repaired/ Replaced 6 ; Tile repair/replace 857 ft.		
	Elvria Twp. Ditch Cleaning, Catch Basin Clean Out and Rebuilding; Outlet Clean Out-, Culvert Upgrades Sheffield Twp. Ditch Cleaning, Catch Basin Clean Out and Rebuilding; Outlet Clean Out-, Culvert Upgrades	Elvria Twp. Ditch Cleaning 295 ft.; Tiles cleaned estimated 900ft.; Tile install 0ft.; repair/replace 15ft.; CB's Cleaned 15; CB's repaired/ Replaced 2 Sheffield Twp. Ditch Cleaning 80 ft.; Tiles cleaned estimated 430 ft.; Tile repair 497 ft.; replace- estimate 1020 ft. CB's Cleaned- est.230; CB's repaired/ Replaced-2; Open Ditch Covered 523 ft.		
	Oberlin City- Street Sweeping, Catch Basin Clean Out and Rebuilding, Outlet Clean Out as time allows.	Oberlin City. Cleaned (332) of 960 catch basins using Vacor. Street Sweeper throughout City 3X-5X/ street.		
	Procedures Developed (Yes or No)	Document Amounts of Wastes Properly Disposed		
Disposal of Wastes	County- Yes Elvria Twp. Yes Sheffield Twp.-Yes Oberlin City- No written procedure. Staff has been trained on proper use of equipment.	County- Oils have been recycled by private contractor ditch clean-out waste has been recycled by property owners, road kill taken to Allied Waste. Elvria Twp. Oils recycled by Carlisle Twp. as needed; ditch clean-out recycled by property owners, road kill double bagged and put in dumpster to Allied Waste. Leaf collection 1x per year for 6 weeks recycled to farmer, wood chips 10x per year returned to residents. Sheffield Twp.-Oils recycled by private contractor (Safety Clean) as needed; ditch clean-out waste dried and disposed of on dumpster day, road kill double bagged and put in dumpster to Rumpke. Tires picked up on road right away taken to collection center (Lorain City) Oberlin City- An estimated (47.6 yards) of material disposed of properly from 332 catch basins.		

Covered (Yes or No)		Tons Used	Summarize Measures Taken to Minimize Usage
Road Salt	County- Yes <u>Elvria Twp. Yes</u> <u>Sheffield Twp.-Yes</u>	County- 11,165.82 Tons Grts=5,847.35 tons <u>Elvria Twp.</u> 450 tons <u>Sheffield Twp.</u> 300 tons	County- Only used when needed (Snow and Ice Seasonally); continue to use approved additives such as slag to reduce salt usage and provide traction. <u>Elvria Twp.</u> Only used when needed; no additives in 2015 <u>Sheffield Twp.</u> - Only used when needed; spot salt when able to; salt only intersections and stop signs. No additives in 2015
	Oberlin City- Yes	Oberlin City- 390.58 tons	Oberlin City- Only use when needed; staff training; public education. No additives in 2015.
	Procedures Developed (Yes or No)	Gallons Used	Summarize Measures Taken to Minimize Usage
Pesticide & Herbicide Usage	County- Yes <u>Elvria Twp. Yes</u> <u>Sheffield Twp.-Yes</u>	Guardrail only 74,000 LF 800 Gallons used 0 0	County- Monitored by Agricultural Licensing Permits (Guardrail Only) Aquatic/Limited Areas; Gallons and LF include Elvria Twp. <u>Elvria Twp.</u> -Utilize County who is Monitored by Agricultural Licensing Permits (Guardrail Only) Aquatic/Limited Areas <u>Sheffield Twp.</u> No Pesticide and Herbicide Usage
	Oberlin City- Yes. Per Ohio Department of Agriculture requirements.	23.34 gallons	Oberlin City- Products are spot-sprayed or stem applied for broadleaf weed and invasive species control. Applied for broadleaf weed control at Recreation Complex, CBD Sidewalks, Cemetery.
Fertilizer Usage	Procedures Developed (Yes or No)	Pounds Used	Summarize Measures Taken to Minimize Usage
	County- Yes <u>Elvria Twp. Yes</u> <u>Sheffield Twp.-Yes</u>	0 0 0	County- No fertilizer Used <u>Elvria Twp.</u> No fertilizer Used <u>Sheffield Twp.</u> Hired out; Private Brain Kyle Co.
	Oberlin City- Yes. Per Ohio Department of Agriculture requirements.	5,781 lbs. 18-2-4 50% Organic 50 lbs. 18-24-12 Starter Fertilizer	Oberlin City- Restricted to Recreation Complex playing fields.

Procedures Developed (Yes or No)		Document Amount of Material Collected and Properly Disposed
Street Sweeping	County- Yes	County 1 day, Contracted/Material identified/separately stockpiled at facility
	<u>Elyria Twp. Yes</u>	<u>Elyria Twp. No</u> street sweeping activities
	<u>Sheffield Twp.-Yes</u>	<u>Sheffield Twp. No</u> street sweeping activities
	Oberlin City- No written procedures.	Oberlin City -Street Sweeper throughout City 3X-5X/ street. Disposed of an estimated 93.3 yards of material property from street sweeping.
Flood Management Projects	Summarize any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality	
	There are no known New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality in the County. This includes Elyria and Sheffield Twp.	
	Oberlin City- There are no known New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality in the City of Oberlin.	

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Summarize activities you plan to undertake for the next reporting cycle.

BMP & Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Employee Training Program			
SWMNT	Educate Employees on pollution prevention/good housekeeping	Continue Training Program; notify of low cost opportunities via email and website.	Annually
Oberlin City	Educate Employees on pollution prevention/good housekeeping	Continue Training Program; notify of low cost opportunities via email and website.	Annually
List of Facilities Subject to Program			
County			
<u>Elyria Twp.</u>			
<u>Sheffield Twp.</u>	List added to SWMMP. Include Elyria and Sheffield Township Facilities	Implement O&M procedures for the facilities	Completed in 2012; updating in 2016.

Oberlin City	Oberlin Commons Retention Basin Oberlin Reserve Detention Basin Rec Complex Retention Basin Service Complex Detention Basins	Under development	Develop SWPPPS 2016
MS4 Maintenance			
<u>County</u> <u>Elyria Twp.</u> <u>Sheffield Twp.</u> <u>Oberlin City</u>	Continue to Maintain MS4's Continue to Maintain	Continue with current programs Continue with current programs	Throughout Year Throughout Year
Disposal of Wastes			
<u>County</u> <u>Elyria Twp.</u> <u>Sheffield Twp.</u> <u>Oberlin City</u>	Properly dispose of all wastes; includes Elyria and Sheffield Township Facilities Properly dispose of all wastes in City of Oberlin	Continue with current programs; includes Elyria and Sheffield Township Facilities Continue with current programs	Throughout Year Throughout Year
Road Salt			
<u>County</u> <u>Elyria Twp.</u> <u>Sheffield Twp.</u> <u>Oberlin City</u>	<u>County</u> Minimize amount of salt used; Continue to use approved additives such as slag to reduce salt and add traction. <u>Elyria Twp.</u> Minimize amount of salt used. <u>Sheffield Twp.</u> Minimize amount of salt used. <u>Oberlin City</u> - Minimize amount of salt used.	<u>County</u> Use salt and approved additives as needed. <u>Elyria Twp.</u> Use salt as needed <u>Sheffield Twp.</u> Use salt as needed <u>Oberlin City</u> - Use salt as needed	<u>County</u> As needed <u>Elyria Twp.</u> As needed <u>Sheffield Twp.</u> As needed <u>Oberlin City</u> - As needed

Pesticide & Herbicide Usage			
County <u>Elyria Twp.</u> <u>Sheffield Twp.</u>	Minimize pesticide and herbicide usage; applies to Elyria and Sheffield Township Facilities and MS4's.	Continue with current program	As needed
Oberlin City	Minimize pesticide and herbicide usage in the City of Oberlin for City of Oberlin and Facilities.	Continue with current program	As needed
Fertilizer Usage			
County <u>Elyria Twp.</u> <u>Sheffield Twp.</u>	Minimize Fertilizer Usage; applies to Elyria and Sheffield Township Facilities.	Continue with current program	As needed
Oberlin City	Minimize Fertilizer Usage for City of Oberlin and Facilities.	Continue with current program	As needed
Street Sweeping			
County <u>Elyria Twp.</u> <u>Sheffield Twp.</u>	Perform road sweeping where needed; applies to Elyria and Sheffield Township Facilities	Continue with current program	As needed
Oberlin City	Written Procedures developed in 2015. Perform road sweeping where needed for City of Oberlin and Facilities.	Continue with current program	As needed

Flood Management Projects			
County			
<u>Elvria Twp.</u> <u>Sheffield Twp.</u>	Reduce flooding issues without negative impact to water quality; applies to Elvria and Sheffield Township Facilities.	Review all flood reduction projects for water quality impacts.	As needed
Oberlin City	Establish procedures to Reduce flooding issues without negative impact to water quality to City of Oberlin and Facilities.	Review all flood reduction projects for water quality impacts.	As needed

PROPOSED CHANGES TO YOUR SWMP (IF ANY)

- Summarize any proposed changes to your SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements. If you fail to satisfy measurable goals for the reporting year, please explain why.

Memorandums of Understandings with each of the townships and co-permittees have been submitted to the Ohio EPA.

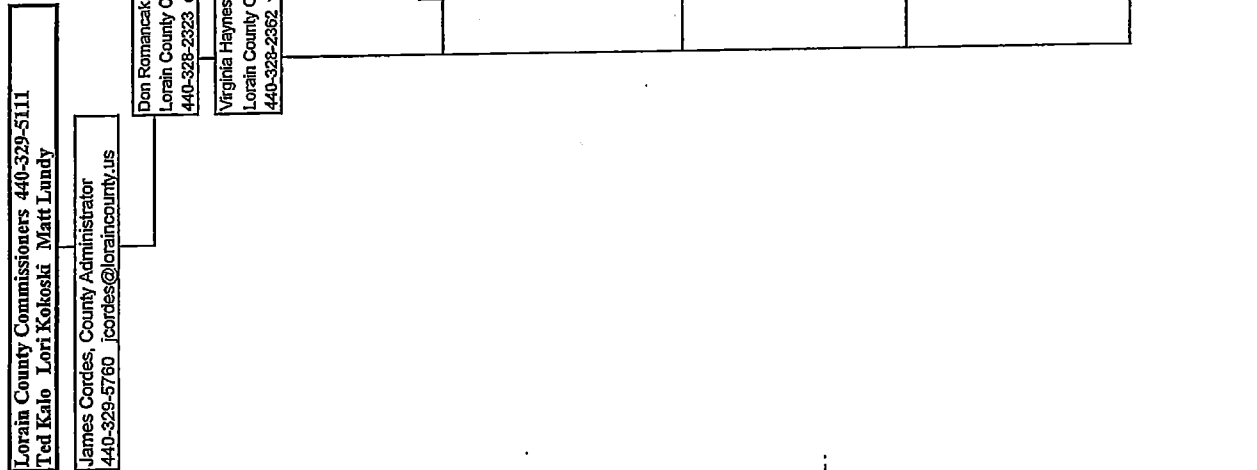
Memorandum of Understanding with Oberlin City and co-permittee have been submitted to the Ohio EPA.

VARIANCES GRANTED (IF ANY)

- Identify and summarize any variances granted under your storm water program.

None

2015 Lorain County EPA Phase II Storm Water Management Program Table of Organization





Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00023*AG

Initial Coverage: ☐Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: AMHERST TOWNSHIP

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DENNIS ABRAHAM

Phone: 440-988-5894

Fax: 440-988-5877

Facility Contact E-mail Address: amhersttwproads@oh.rr.com

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancak

Title:

Assistant Director

Signature:

Date:

1/9/14

ORIGINAL MOU
WITH AMHERST TWP
RESOLUTION 12/6/12

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of AMHERST Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and propose to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement / Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- o The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- o Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 – Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships
- o Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTs) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- o Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- o Pass resolution to prohibit Illicit Discharge if not already completed.
- o Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening)
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 – Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- Comply with Construction Site Erosion Control Regulations
- Report known violations to Lorain County

MCM #5 – Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- Perform as-built inspections
- Provide maintenance of County owned BMP's.

Township Responsibility:

- Comply with Post Construction Storm Water Regulations
- Report known violations to Lorain County
- Provide maintenance of Township owned BMP's.

MCM #6 – Pollution Prevention / Good Housekeeping

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- Implement and follow SWP3 for Township Facilities
- Perform annual comprehensive site evaluation, as required
- Ensure Township Employees receive required training
- Log employee training hours
- Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: 

Date: 4-8-13

BOARD OF TRUSTEES OF
AMHERST TOWNSHIP

By: 

NEIL J. LYNCH

Date: December 11, 2012

AMHERST TOWNSHIP
RESOLUTION NO. 12/06/12



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA State: Ohio Zip Code: 44035

MS4 Contact Person: DON ROMANCAK Phone: 440-328-2323 Fax: 440-328-2349

Contact E-mail Address: dromanca@loraincounty.us

General Permit Number: 3GQ00109*BG Initial Coverage: ☐ Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: EATON TOWNSHIP

City: GRAFTON State: Ohio Zip Code: 44044

MS4 Contact Person: RICHARD KNECHTGES Phone: 440-748-2236 Fax: 440-748-1928

Facility Contact E-mail Address: rknechtges@glwb.net

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romanca

Title:

Assistant Director

Signature:

Date:

1/9/14

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of EATON Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and propose to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information.
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement / Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- o The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- o Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 – Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships
- o Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTs) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- o Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- o Pass resolution to prohibit Illicit Discharge if not already completed.
- o Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening)
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- o Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- o Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 -- Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- o Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- o Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- o Comply with Construction Site Erosion Control Regulations
- o Report known violations to Lorain County

MCM #5 -- Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- o Perform as-built inspections
- o Provide maintenance of County owned BMP's.

Township Responsibility:

- o Comply with Post Construction Storm Water Regulations
- o Report known violations to Lorain County
- o Provide maintenance of Township owned BMP's.

MCM #6 – Pollution Prevention / Good Housekeeping

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- o Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- o Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- o Implement and follow SWP3 for Township Facilities
- o Perform annual comprehensive site evaluation, as required
- o Ensure Township Employees receive required training
- o Log employee training hours
- o Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: [Signature]

Date: 3/28/13

BOARD OF TRUSTEES OF
EATON TOWNSHIP

By: [Signature]

Date: 11/6/12



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00105*BG

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: ELYRIA TOWNSHIP

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: WILLIAM HOLTZMAN

Phone: 440-324-7758

Fax: 440-324-2109

Facility Contact E-mail Address: bholtzman@loraincounty.us

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancak

Title:

Assistant Director

Signature:

Date:

1/9/14

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of Elgin Township (Township) on the date set forth below:

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information.
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement/ Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- * The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- * Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 -- Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- * Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships.
- * Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTSS) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- * Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- * Pass resolution to prohibit Illicit Discharge if not already completed.
- * Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening).
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - * showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- o Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- o Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 - Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- o Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- o Follow enforcement escalation plan outlined in the regulations:

Township Responsibility:

- o Comply with Construction Site Erosion Control Regulations
- o Report known violations to Lorain County

MCM #5 - Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- Perform as-built inspections.
- Provide maintenance of County owned BMP's.

Township Responsibility:

- Comply with Post Construction Storm Water Regulations
- Report known violations to Lorain County
- Provide maintenance of Township owned BMP's.

MCM #6 - Pollution Prevention / Good Housekeeping:

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities; specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- Implement and follow SWP3 for Township Facilities.
- Perform annual comprehensive site evaluation, as required
- Ensure Township Employees receive required training
- Log employee training hours
- Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT

By: J. R. C.

Date: 3/28/13

BOARD OF TRUSTEES OF
Elgin TOWNSHIP

By: William C. Holtz

William C. Holtz, Trustee

Date: 3/22/2013



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00051*BG

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: GRAFTON TOWNSHIP

City: GRAFTON

State: Ohio

Zip Code: 44044

MS4 Contact Person:

Carl Wesemeyer

Phone: 216-299-3159

Fax: NONE

Facility Contact E-mail Address: carl.wesemeyer@gmail.com

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancak

Title:

Assistant Director

Signature:

Date:

1/9/14

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of GRAFTON Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement / Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- o The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- o Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 – Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships
- o Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTSS) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- o Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- o Pass resolution to prohibit Illicit Discharge if not already completed.
- o Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening)
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 – Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- Comply with Construction Site Erosion Control Regulations
- Report known violations to Lorain County

MCM #5 – Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- Perform as-built inspections
- Provide maintenance of County owned BMP's.

Township Responsibility:

- Comply with Post Construction Storm Water Regulations
- Report known violations to Lorain County
- Provide maintenance of Township owned BMP's.

MCM #6 – Pollution Prevention / Good Housekeeping

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- Implement and follow SWP3 for Township Facilities
- Perform annual comprehensive site evaluation, as required
- Ensure Township Employees receive required training
- Log employee training hours
- Provide year end reporting to County

- Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: _____

Date: _____

BOARD OF TRUSTEES OF
GRAPTON TOWNSHIP

By: _____

Date: _____



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00095*BG

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: CARLISLE TOWNSHIP

City: LAGRANGE

State: Ohio

Zip Code: 44050

MS4 Contact Person: WILLIAM J. OLIVER

Phone: 440-458-5667

Fax: 440-458-5179

Facility Contact E-mail Address: carlisletwp@windstream.net

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancak

Title:

Assistant Director

Signature:

Date:

1/9/14

CCY

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of CARLISLE Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information.
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County. Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement/ Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- * The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- * Townships are responsible to make sure that involvement activities are advertised to Township employees and residents.

MCM #3 - Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities. Specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- * Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships.
- * Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTSS) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- * Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- * Pass resolution to prohibit Illicit Discharge if not already completed.
 - * Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening).
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - * showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls.
- Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

Mar. 21. 2013 2:13PM

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 - Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- Comply with Construction Site Erosion Control Regulations
- Report known violations to Lorain County

MCM #5 - Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- Perform as-built inspections.
- Provide maintenance of County owned BMP's.

Township Responsibility:

- Comply with Post Construction Storm Water Regulations
- Report known violations to Lorain County
- Provide maintenance of Township owned BMP's.

MCM #6 – Pollution Prevention / Good Housekeeping:

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities; specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- Create Storm Water Pollution Prevention Plans (SWPP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- Implement and follow SWPP3 for Township Facilities.
- Perform annual comprehensive site evaluation, as required
- Ensure Township Employees receive required training
- Log employee training hours
- Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Mar. 21. 2013 2:13PM

No. 1632 P. 7

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: 

Date: 3/28/13

BOARD OF TRUSTEES OF
CASTLE TOWNSHIP

By: 

Date: 11/19/2012



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying Instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00107*BG

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: COLUMBIA TOWNSHIP

City: COLUMBIA STATION

State: Ohio

Zip Code: 44028

MS4 Contact Person: ROBERT C. RUNDLE; MICHAEL G. MUSTO

Phone: 440-236-8802

Fax: 440-236-8801

Facility Contact E-mail Address: Robert.rundle@columbiatwp-oh.gov; mmusto@msn.com

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancaak

Title:

Assistant Director

Signature:

Date:

1/9/14

mco
11/2/12

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of Columbia Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement / Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- o The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- o Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 -- Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships
- o Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTSs) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- o Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- o Pass resolution to prohibit Illicit Discharge if not already completed.
- o Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening)
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- o Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- o Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 – Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- o Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- o Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- o Comply with Construction Site Erosion Control Regulations
- o Report known violations to Lorain County

MCM #5 – Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- o Perform as-built inspections
- o Provide maintenance of County owned BMP's.

Township Responsibility:

- o Comply with Post Construction Storm Water Regulations
- o Report known violations to Lorain County
- o Provide maintenance of Township owned BMP's.

MCM #6 – Pollution Prevention / Good Housekeeping

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- o Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- o Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- o Implement and follow SWP3 for Township Facilities
- o Perform annual comprehensive site evaluation, as required
- o Ensure Township Employees receive required training
- o Log employee training hours
- o Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part ILC.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: 

Date: 3/28/13

BOARD OF TRUSTEES OF
~~Columbia~~ TOWNSHIP

By: 

Date: 11/19/12



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: LORAIN COUNTY STORM WATER DISTRICT

Mailing Address: 226 MIDDLE AVE. 5TH FLOOR

City: ELYRIA

State: Ohio

Zip Code: 44035

MS4 Contact Person: DON ROMANCAK

Phone: 440-328-2323

Fax: 440-328-2349

Contact E-mail Address: dromancak@loraincounty.us

General Permit Number: 3GQ00117*BG

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*BG

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: SHEFFIELD TOWNSHIP

City: LORAIN

State: Ohio

Zip Code: 44055

MS4 Contact Person: DAVID NEWSOME

Phone: 440-308-6211

Fax: 440-277-1392

Facility Contact E-mail Address: davenewsome6211@gmail.com

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed):

Don Romancak

Title:

Assistant Director

Signature:

Date:

1/9/14

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the Board of Trustees of Sheffield Township (Township) on the date set forth below.

Recitals

WHEREAS, both the County and Township are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, County has adopted the Lorain County Storm Water Management Plan as the basis of the County and MS4 Designated Townships collectively to coordinate and collaborate on compliance with the permit requirements; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint performance of certain EPA Phase II MS4 requirements as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in complying with the Clean Water Act through compliance with the Lorain County Storm Water District Storm Water Management Program (SWMP), which may be updated periodically, and performance of the following items outlined in the minimum control measures (MCM) 1 through 6:

MCM #1 – Public Education and Outreach on Storm Water Impacts

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Education and Outreach activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- County will develop Public Education materials for County and Township use. These may include a brochure on the newly developed Storm Water District, Erosion Control Factsheets, Post Construction Factsheets and a County Public Education Factsheet. The County will also develop and maintain a webpage with links to these brochures along with other information
- As per the Storm water management program, the County will work with LCPIPE to prepare a public education plan each year which will provide education on a new storm water message each year while using more than one mechanism to get the message across. The County will target 50% of the population during each permit term (5 years).

Township Responsibility:

- Townships will need to make the Factsheets developed by County available at Township Halls and other Township public meeting places.
- The Storm Water District Brochure has already been printed by the County, Townships will need to keep them available to the public at township halls and other township public meeting places.
- Provide link to County Storm Water district Website on Township Websites, if in existence.
- Forward Webinar promotion information to township employees
- Follow LCPIPE prepared public education plan in conjunction with County
- Track number of educational materials distributed and report numbers back to County at end of each year.

MCM #2 – Public Involvement / Participation

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Public Involvement/Participation activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- The County is responsible for the development of Public Involvement and Participation activities which may include:
 - Storm Water Advisory Committee (SWAC)
 - Lorain County Public Involvement and Public Education (LCPIPE) Work Group
 - Solid and Hazardous Waste Disposal
 - Lorain County Pride Day

- o Lorain County Adopt a Highway Program
- o The County will develop an annual public involvement and participation plan which will include a minimum of 1 event per year.

Township Responsibility:

- o Townships are responsible to make sure that Involvement activities are advertised to Township employees and residents.

MCM #3 – Illicit Discharge Detection & Elimination

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Illicit Discharge Detection & Elimination activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o Assist Townships with inventory of the current practices associated with Illicit Discharge Detection & Elimination Program (IDDE) within the Townships
- o Based on the inventory of current practices the County will develop an Illicit Discharge Detection & Elimination (IDDE) Program that will include the following components: (a) mapping the MS4 and its outfalls (with annual updates), (b) mapping the location of home sewage treatment systems (HSTSS) that discharge to the MS4 and compiling a list of addresses of those systems, (c) performing dry weather screening of all outfalls by the end of the current permit term, (d) developing an enforcement protocol and elimination plan for illicit discharges discovered during dry weather screening and other detection means, and (e) educating public employees, businesses and the general public to identify and report illicit discharges. Responsible parties for each of the components will be outlined in the IDDE Program.
- o Assist Townships to perform dry weather screening of outfalls in MS4s consistent with the SWMP.

Township Responsibility:

- o Pass resolution to prohibit Illicit Discharge if not already completed.
- o Assist County in collection and inventory of current IDDE practices including providing information on:
 - o MS4 Outfalls (location and screening)
 - o MS4 Mapping information as necessary for County to develop comprehensive storm sewer system map
 - showing the location of all outfalls and the names and location of all surface waters of the State that receive discharges from those outfalls. Within five years of when your coverage under this general permit was granted, your comprehensive storm sewer system map shall also include your MS4 system (owned and/or operated by you), including catch basins,

pipes, ditches, flood control facilities (retention/detention ponds), post-construction water quality BMPs and private post construction water quality BMPs which have been installed to satisfy Ohio EPA's NPDES Construction Storm Water general permit and/or your local post-construction water quality BMP requirements.

- o Assist County to perform dry weather screening of outfalls within the Township. The County will create a program outlining requirements and developing standard forms. The Townships will then need to use those forms to perform a dry weather screening of their outfalls.
- o Inform township employees, businesses and general public of educational opportunities relating to illicit discharge.

MCM #4 – Construction Site Storm Water Runoff Control

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Construction Site Storm Water Runoff Control activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Construction Site Erosion Control regulations that have been implemented and which must be followed by all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.
- o Target 1 site inspection per site per month at active construction sites or develop alternative inspection schedule based on the status of construction activities at the site.
- o Follow enforcement escalation plan outlined in the regulations.

Township Responsibility:

- o Comply with Construction Site Erosion Control Regulations
- o Report known violations to Lorain County

MCM #5 – Post Construction Storm Water Management

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Post Construction Storm Water Management activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- o The county has developed Post Construction Storm Water regulations that have been implemented and which are required for all sites with construction activities where the larger common plan of development or sale disturbs 1 or more acres of land. The County

Commissioners have granted to the Storm Water District and per the Storm Water District Bylaws to the District Director, responsibility to administer the regulations and ensure compliance.

- Perform as-built inspections
- Provide maintenance of County owned BMP's.

Township Responsibility:

- Comply with Post Construction Storm Water Regulations
- Report known violations to Lorain County
- Provide maintenance of Township owned BMP's.

MCM #6 -- Pollution Prevention / Good Housekeeping

Refer to the Lorain County Storm Water District Storm Water Management Program (SWMP) for details on complete Pollution Prevention/Good Housekeeping activities and responsibilities, specific responsibilities for the County and Townships are outlined below:

County Responsibility:

- Lorain County has developed a generic Operation and Maintenance Manual that can be used by the Townships. This manual will be updated by the County in 2012 and provided to the Townships.
- Create Storm Water Pollution Prevention Plans (SWP3) for Township Facilities under the Ohio EPA MS4 permit coverage. Facilities subject to the permit are listed in the SWMP

Township Responsibility:

- Expand upon and implement O & M manual for specific Township Facilities. These manuals must be updated for township facilities by the end of 2013.
- Implement and follow SWP3 for Township Facilities
- Perform annual comprehensive site evaluation, as required
- Ensure Township Employees receive required training
- Log employee training hours
- Provide year end reporting to County

Lorain County will actively work to provide compliance with the EPA NPDES minimum control measures for which it is responsible as part of the MOU. However, the Township agrees that the County will not be liable for any EPA noncompliance findings or fines. It is the Township's responsibility to ensure compliance and maintain liability for said compliance pursuant to Ohio EPA NPDES permit No.: OHQ000002 Part III.C.

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party.

LORAIN COUNTY STORM
WATER DISTRICT:

By: [Signature]

RECEIVED
MAR 28 2013

3/28/13

BOARD OF TRUSTEES OF
Sheffield TOWNSHIP

By: [Signature]

David Newsome, Chairman

Date: 11-19-2012



Division of Surface Water

Co-Permittee Notice of Intent (NOI) for Coverage Under Ohio EPA Small MS4 NPDES General Permit

Submission of this NOI constitutes notice that the party identified in Section I of this form intends to be authorized by Ohio's NPDES Small MS4 general permit. Becoming a permittee obligates a discharger to comply with the terms and conditions of the permit. NOTE: All necessary information must be provided on this form. Read the accompanying instructions carefully before completing the form. Do not use correction fluid on this form. Forms transmitted by fax will not be accepted. There is no fee associated with submitting this form.

I. Applicant Information/Mailing Address:

MS4 (Applicant) Name: City of Oberlin

Mailing Address: 85 South Main St.

City: Oberlin

State: Ohio

Zip Code: 44074

MS4 Contact Person: Jeff Baumann

Phone: 440-775-7204

Fax: 440-775-7208

Contact E-mail Address: jbaumann@cityofoberlin.com

General Permit Number: OHQ000003

Initial Coverage: ☐

Renewal Coverage: ☒

Existing Ohio EPA Facility Permit Number Requesting Coverage Under: 3GQ00095*

II. Initial MS4 Co-Permittee Information

Initial MS4 Co-Permittee Name: Lorain County Storm Water District

City: Elyria

State: Ohio

Zip Code: 44035

MS4 Contact Person: Don Romancak

Phone: 440.328.2362

Fax: 440.328.2349

Facility Contact E-mail Address: dromancak@loraincounty.us

III. 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 gather and evaluate 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 the fine and imprisonment for knowing violations.

Applicant Name (printed or typed): Eric P. Norenberg

Title: City Manager

Signature: 

Date: 7/8/15

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into by and between the Lorain County Storm Water District (County) and the City of Oberlin (City) on the date set forth below.

Recitals

WHEREAS, both the County and City are required pursuant to the Clean Water Act to comply with certain NPDES (National Pollutant Discharge Elimination System) small MS4 (Municipal Separate Storm Water System) permit regulations of the Environmental Protection Agency (EPA) to develop and implement programs to detect and eliminate illicit discharges; and

WHEREAS, EPA allows MS4 permit holders to partner to jointly perform services required for compliance; and

WHEREAS, County has implemented a Storm Water Utility Fee and Business Plan which includes a set aside of funds to assist in achieving compliance with the Clean Water Act; and

WHEREAS, the City has need of a Storm Water Utility Fee and Business Plan; and

WHEREAS, the parties hereto have determined that it is in the best interests of their constituents to collaborate in the joint development of a Storm Water Utility Fee and Business Plan as hereafter set forth in that:

It will be more economical.

It will save on duplication of efforts and use of resources.

Control of storm water crosses political boundaries, and it is therefore more effective if done through a coordinated effort of local governments.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties hereto agree to and promise to partner in this venture using the following approach:

The County will utilize prior experience and the project team (Team) to assist the City in the implementation of a Storm Water Utility Program. Project team members are expected to include: Lorain County Storm Water Management Team and Storm Water Management District Consultants that assisted on the formation of the Lorain County Storm Water District.

Costs associated with said implementation will be paid upfront by the County with 100% reimbursement from the City to the County. Said payments shall begin with the earlier of completing the tasks contained within this MOU or September 30, 2014, with payments due quarterly. Should the City move forward with the Storm Water Utility Implementation, reimbursement will extend to a 3 year term paid annually with the first payment due 6 months following utility billing startup or June 1, 2016, whichever comes first (first collection date may be extended by mutual agreement of both parties). Payback to the County will be at 0% interest. The City will reimburse the County within 30 days of the date of each invoice. The City may, at its option repay the County at an accelerated rate with no penalty.

This MOU specifically covers Phase 1 of the City's Storm Water Utility Implementation. If at the conclusion of Phase 1, the City decides to join the Lorain County Storm Water District and both parties agree to the terms, repayment of the implementation costs noted herein may be waived.

Phase 2 of the City Storm Water Utility Implementation may be financed by the County under the same terms and conditions outlined herein or such terms and conditions that are found to be mutually agreeable.

Phase 1 of the program will:

1. Determine the level of service and cost of service required for the City of Oberlin.
2. Analyze the activities that could be performed by the County and compare cost of the County performing the activities versus the City performing said activities.
3. Determine the feasibility of including the City in the Lorain County Storm Water District.

The detailed scope for Phase 1 includes:

Task 1 – Data Collection and Kickoff Meeting

The purpose of this task is to solidify the Team's understanding of the City of Oberlin's goals for establishing a storm water utility program. The Team will draw on the knowledge and experience of City staff to develop a meaningful and useful scope. Specific subtasks include:

1.a Initial Data Collection Questionnaire. A data collection questionnaire will be developed and emailed to City staff. The questionnaire will assist both the Team and City Staff in organizing the data required for the project. The questionnaire will be emailed to City staff to kick off the project and allocate City staff time to collect most, if not all of the data prior to holding the kickoff conference call meeting.

1.b Kickoff Conference Call. A conference call meeting will be held with appropriate City staff to kickoff the project. The conference call meeting will assist both the Team and City Staff in reviewing, organizing and discussing the requested information in the questionnaire for said project.

Task 2 – Organize a Technical Advisory Committee (TAC)

2.a Prepare and Hold TAC Meetings. The Team will prepare and distribute meeting agendas and documents to be reviewed and discussed for (2) two on site TAC status meetings. The monthly TAC meetings will be used to review, present, discuss and develop draft program recommendations. The TAC meetings will vary in time length from 2 to 3 hours per meeting. The longer than usual meetings are required to minimize costs and maximize meeting time with City staff and the Team.

2.b Prepare and Hold TAC Conference Call Meetings. The Team will prepare and distribute (through e-mail) meeting agendas for telephone conference calls. We assume 3 TAC conference call meetings. The conference calls are used to minimize costs to follow up each TAC meeting.

Task Products:

1. The Team will prepare and distribute (through e-mail) on-site TAC meeting agendas.
2. The Team will prepare and distribute (through e-mail) telephone conference call TAC meeting agendas.
3. The Team will prepare and distribute (through e-mail) meeting minutes.

Task Assumptions:

1. The City will provide the meeting space for all on-site TAC meetings.
2. Conference calls will be the mode of operation for meetings to minimize costs.

Task 3 - Database Evaluation

Data analysis and review is expected to be one of the major components of Phase 1. Data analysis and review is necessary to determine that sufficient data is available to properly develop the storm water utility program business plan and billing file. The purpose of this task is to determine data availability, identify the repository(s), determine how to acquire all information and how relevant, pertinent, and legally defensible the City of Oberlin's data is for the storm water utility program, which is necessary and required for the completion of the project. A recommendation on the most efficient and effective use of available Geographic Information System (GIS) data and what additional steps may be required to use the data in a legally defensible manner will also be determined.

3.a Data Collection.

The Team will:

1. Receive and review any existing reports, databases, drawings, or other information necessary to understand the issues, problems, and opportunities of the City of Oberlin storm water utility program;
2. Receive and review a copy of the Lorain County Auditor's property tax record billing file that should include at a minimum, the following data fields of information. The Team will work with the Lorain County Auditor's office to determine the exact parcels located within the City of Oberlin:
 - a) Property or parcel ID number (PIN);
 - b) Property or parcel service address;
 - c) Owner name;
 - d) Owner mailing address;
 - e) Jurisdictional location code (if not included as part of the property or parcel ID number field);
 - f) Property dimensions and/or property size measurement;
 - g) Any fields that have been created or developed that relate properties or parcels with like ownership (parent – child);
 - h) Property or parcel land use codes and/or descriptions and a land use description table;
 - i) Any fields of data that have been created or developed that relate properties or parcels to the GIS database (if other than property or parcel ID number);
 - j) Any other fields of data that may assist in developing the storm water billing database file.
3. Subject to the Non-Disclosure and Confidentiality provision set forth hereinafter, receive and review a copy of the City of Oberlin's water, wastewater and refuse billing database file (in Microsoft Excel or Access format) that should include at a minimum, the following data fields of information:
 - a) Billing account number;
 - b) District number (if applicable);
 - c) Services code (water, wastewater and solid waste);
 - d) Property service address;
 - e) Owner or tenant code;
 - f) User name;
 - g) Owner name, if other than the user;
 - h) Billing address (if differs from service address);
 - i) Any fields of data such as water and/or sewer meter size that may assist in determining the current land use for each billing account;
 - j) Any other data fields that have been created or developed that may indicate the current land use for

- each billing account;
 - k) Property or Parcel ID number (PIN) linking the City billing database file to the County Auditor's property tax billing database file or GIS parcel layer (if exists);
 - l) Land use classification used to assign billing units;
 - m) Class code (residential or non-residential) if applicable;
 - n) Any other data fields that have been created or developed that relate City billing accounts to the Lorain County Assessor's tax billing database file (if any exist);
 - o) Any fields of data that have been created or developed that relate billing accounts to the GIS parcel database (if any exist);
4. Receive and review a copy of the City of Oberlin GIS and/or Lorain County GIS parcel layer (shapefile), and all other layers that may be used to determine or develop the impervious area measurement for a property or parcel. A current copy of the City of Oberlin and/or Lorain County digital aerial photography should be included.
- 3.b Data Conditions Analysis Policy Paper.** A data conditions policy (white) paper will be prepared to present the findings from the billing system data review.

Task Assumptions:

1. The City of Oberlin will supply all available cost information as well as assist in seeking out other sources of information as required.

Task Products:

1. The Data Conditions Policy Paper that will include:
 - ♦ An analysis of the current water, wastewater, refuse billing system data.
 - ♦ An analysis of the Lorain County Auditor's property tax billing database.
 - ♦ An analysis of the City or County GIS data.

Task 4 - Develop a Storm Water Strategic Business Plan

Implementing a successful storm water utility program requires developing a formal, flexible strategic business plan that provides guidance both now and in the future. The purpose of this task is to formulate a long-term strategic plan that is the basis for the "Storm Water Business Plan."

- 4.a **Discuss and Develop a Storm Water Utility Program Mission and Goal Statements.** The Team will develop a draft storm water utility program Mission Statement and Goal Statements and review with City staff for input.
- 4.b **Strategic Business Plan Paper.** The Team will document a strategic business plan paper in a policy paper document.

Task Products:

1. Strategic Business Plan Policy Paper.

Task 5 - Perform a Level of Service / Cost of Service Analysis

The Team will define a level of service / perform a cost of service analysis based on and consistent with the program mission statement and/or goal statements from the business plan.

5.a Storm Water Functional Elements. Based upon input from City staff through the data collection process, and from The Team's previous experience assisting other Ohio communities, a specific description of program elements will be developed and used to meet the storm water utility program. These program elements will include the following:

- Administration (including billing, collection and customer service costs)
- Maintenance
- Operations
- Planning
- Enforcement
- Regulatory
- Water Quantity
- Water Quality (NPDES Permit)
- Other Environmental Issues (CSO's and SSO's)
- Capital Improvements Program (CIP)
- Other

5.b Identify "Required Minimum" Level of Services. The Team will develop a "required minimum" level of service plan for the City of Oberlin Storm Water Utility Program for a five (5)-year period from 2013 through 2017.

5.c Identify "Required Minimum" Cost of Services. The Team will develop a "required minimum" cost of service plan for the City of Oberlin Storm Water Utility Program for a five (5)-year period from 2013 through 2017.

5.d NPDES Permit Activities. The Team will incorporate the City of Oberlin Storm Water Utility Program NPDES Permit plan and cost assumptions into the cost of service computer model. It will be the responsibility of the City to provide cost associated with the NPDES permit activities.

5.e County/City Comparison. As part of the cost analysis, the Team will perform a review of activities that could be managed by the County in conjunction with their storm water utility activities. A comparison of cost will be included with these activities to determine if it is cost effective to have these activities managed by the County. It is anticipated that costs associated with storm water quality (NPDES permit) may be managed by the County whereas costs associated with quantity (flood control, infrastructure maintenance, etc.) will be managed by the City.

Task Assumptions:

- It will be the responsibility of the City to provide cost associated with the flooding and drainage activities and costs.
- It will be the responsibility of the City to provide cost associated with the NPDES permit activities and costs.

Task Products:

1. Level of Service and Cost of Service Policy Paper that will include:

- A five-year Cash Flow Analysis.
- Five-year range of ERU rates.
- An interactive Microsoft Excel™ model for the purpose of showing various iterations of the Level of Service / Cost of Service and resulting revised rates.

Task 6 – Range of Rate Analysis

The Team will develop and determine an estimate of rate ranges and the associated revenues for the minimum level of service cost of service analysis based on the results of Task 5 above.

- 6.a Range of potential rates and revenue.** The Team will calculate a range of rates and revenues that will be required to meet the minimum level of service and cost of service.

Task Products:

1. A range of potential rates and revenues will be generated based on the minimum level of service / cost of service analysis.

Task 7 – City Council Presentation

- 7.a Prepare City Council Presentation.** A formal PowerPoint™ presentation will be made to City Council on the storm water program implementation options and associated costs.

Task 8 – Executive Summary Final Report

- 8.a Document and Prepare Draft Executive Summary Final Report.** The purpose of this task is to prepare a draft executive summary final report with conclusions and recommendations to City Staff in digital PDF format only.
- 8.b Finalize Executive Summary Final Report.** The purpose of this task is to incorporate all city staff comments and prepare a final executive summary report and submit to City Staff in digital PDF format only.

Following the completion of the final report, the County and City will need to determine in what manner to move forward on implementation of the Storm Water Utility for the City. Options include some type of joint venture between the County and City with shared responsibilities or development of a completely separate storm water utility by the City. The outcome of this decision will determine Phase 2 tasks required to implement the storm water utility. Accordingly, Phase 2 tasks are not part of this MOU and will be developed in a separate MOU with associated costs.

The City's Responsibility:

1. Subject to the Non-Disclosure and Confidentiality provision set forth hereunder, furnish to the Team all existing records and reports, and other financial and billing information pertinent to the storm water management utility rate analysis at no cost to the Team. It shall be the City's responsibility to provide the Team this information as requested within a reasonable time frame and in an organized manner. The Team shall rely on this information as being complete and accurate.
2. Furnish the Team with office space, telephone, and proper work area when the Team is on-site.
3. Furnish to the City, assistance from the Legal Department, Finance/Accounting Department, Planning and the Utility staff, by providing and developing the information, statistics, etc., required for the purpose of this study.
4. Subject to the Non-Disclosure and Confidentiality provision set forth hereunder, the City will make its resources and data available to the Team. These resources include, but are not limited to: staff; studies; documents; policies (written and unwritten); strategies; etc.

5. The City accepts the process/method of "estimating" and/or "forecasting" the number of ERU's based on the data conditions analysis, for the needs analysis phase of the project.

Project Schedule:

It is anticipated that Phase 1 tasks can be completed within 4 months of authorization to proceed. This timeframe is dependent on timely responses and decision making from the City.

Non-Disclosure and Confidentiality

During the course of completing the work under this MOU, the agents and employees of the County and the Team may obtain confidential and privileged information and data from the City. Accordingly, and in order to ensure that said data and information remain privileged and confidential, the County, its employees and agents, and the Team, agree not to share, release, disclose, provide, or otherwise make available to any entity or person any such confidential or privileged information or data, or make any use thereof, other than in providing the task products and reports described in this MOU to the City, without the express written consent of the City.

Project Fee:

Phase 1: \$31,000

Phase 2: TBD

Termination

This MOU may be terminated by either party upon sixty (60) days written notice to the other party. In the event this MOU is terminated, the City shall be responsible for only those costs incurred up to and including the date of termination. Upon receipt of a final invoice, the City shall pay any outstanding balance to the County with sixty (60) days.

LORAIN COUNTY STORM
WATER DISTRICT:

By: 

Date: 6/25/14

CITY OF OBERLIN:

By: 

Eric Norenberg, City Manager

Date: June 6, 2014

Approved as to form:

By: 

Jon D. Clark, Law Director

Date: 6/10/2014

ATTACHMENT C

ILICIT DISCHARGE RESOLUTION

RESOLUTION NO. 10-417

B.12

In the matter of establishing methods for)
controlling the introduction of pollutants)
into the MS4 in order to comply with)
requirements of the National Pollutant)
Discharge Elimination System permit)
process as required by OHEPA)

June 23, 2001

WHEREAS, the Lorain County Board of Commissioners establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with requirements of the National Pollutant Discharge Elimination System permit process as required by OHEPA; and

WHEREAS, this resolution is for illicit discharge and illegal connection control

I. PURPOSE AND SCOPE

The purpose of this regulation is to provide for the health, safety, and general welfare of the citizens of Lorain County, Ohio (County) through the regulation of illicit discharges to the municipal separate storm sewer system (MS4). This regulation establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process as required by the Ohio Environmental Protection Agency (Ohio EPA). The objectives of this regulation are:

- A. To prohibit illicit discharges and illegal connections to the MS4.
- B. To establish legal authority to carry out inspections, monitoring procedures, and enforcement actions necessary to ensure compliance with this regulation.

II. APPLICABILITY

This regulation shall apply to all residential, commercial, industrial, or institutional facilities responsible for discharges to the MS4 and on any lands in the County, except for those discharges generated by the activities excepted by state or federal law.

III. DEFINITIONS

The words and terms used in this regulation, unless otherwise expressly stated, shall have the following meaning:

- A. Best Management Practices (BMPs): means schedules of activities, prohibitions of practices, general good house keeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to storm water. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials' storage.
- B. Environmental Protection Agency or United States Environmental Protection Agency (USEPA): means the United States Environmental Protection Agency, including but not limited to the Ohio Environmental Protection Agency (Ohio EOA), or any duly authorized official of said agency.
- C. Floatable Material: in general this term means any foreign matter that may float or remain suspended in the water column, and includes but is not limited to, plastic, aluminum cans, wood products, bottles, and paper products.
- D. Hazardous Material: means any material including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical or infectious characteristics may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

- B. Illicit Discharge: as defined at 40 C.F.R. 122.26 (b)(2) means any discharge to an MS4 that is not composed entirely of storm water, except for those discharges to an MS4 pursuant to a NPDES permit or excepted by state or federal law.
- F. Illegal Connection: means any drain or conveyance, whether on the surface or subsurface that allows an illicit discharge to enter the MS4.
- G. Municipal Separate Storm Sewer System (MS4): as defined at 40 C.F.R. 122.26 (b)(8), municipal separate storm sewer means a conveyance or system of conveyances, (including roads with drainage systems, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):
1. Owned or operated by a State, city, town, borough, county, parish, district, municipality, township, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over sewage, industrial wastes, including special districts under State law such as a sewer district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the Clean Water Act that discharges to waters of the United States;
 2. Designed or used for collecting or conveying storm water;
 3. Which is not a combined sewer; and
 4. Which is not part of a Public Owned Treatment Works (POTW) as defined at 40 C.F.R. 122.2.
- H. National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit: means a permit issued by EPA (or by a State under authority delegated pursuant to 33 USC § 1342(b)) that authorized the discharge of pollutants to waters of the United States, whether the permit is applicable on an individual, group, or general area-wide basis.
- I. Off-Lot Discharging Home Sewage Treatment System: means a system designed to treat home sewage on-site and discharges treated wastewater effluent off the property into a storm water or surface water conveyance system.
- J. Owner/Operator: means any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or on the owner's behalf.
- K. Pollutant: means anything that causes or contributed to pollution. Pollutants may include but are not limited to, paints, varnishes, solvents, oil and other automotive fluids, non-hazardous liquid and solid wastes, yard wastes, refuse, rubbish, garbage, litter or other discarded or abandoned objects, floatable materials, pesticides, herbicides, fertilizers, hazardous materials, wastes, sewage, dissolved and particulate metals, animal wastes, residues that result from constructing a structure, and noxious or offensive matter of any kind.
- L. Storm Water: any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.
- M. Wastewater: The spent water of a community. From the standpoint of a source, it may be a combination of the liquid and water carried wastes from residences, commercial buildings, industrial plants and institutions.

IV. DISCLAIMER OF LIABILITY

Compliance with the provisions of this regulation shall not relieve any person from responsibility for damage to any person otherwise imposed by law. The provisions of this regulation are promulgated to promote the health, safety, and welfare of the public and are not designed for the benefit of any individual or for the benefit of any particular parcel of property.

V. CONFLICTS, SEVERABILITY, NUISANCES & RESPONSIBILITY

- A. Where this regulation is in conflict with other provisions of law, the most restrictive provisions, as determined by the County shall prevail.
- B. If any clause, section, or provision of this regulation is declared invalid or unconstitutional by a court of competent jurisdiction, the validity of the remainder shall not be affected thereby.
- C. This regulation shall not be construed as authorizing any person to maintain a nuisance on their property, and compliance with the provisions of this regulation shall not be a defense in any action to abate such a nuisance.
- D. Failure of the County to observe or recognize hazardous or unsightly conditions or to recommend corrective measures shall not relieve the site owner from the responsibility for the condition or damage resulting therefrom, and shall not result in the County, its officers, employees, or agents being responsible for any condition or damage resulting therefrom.

VI. RESPONSIBILITY FOR ADMINISTRATION

The County shall administer, implement, and enforce the provisions of this regulation. The County may contract with the Board of Health to conduct inspections and monitoring and to assist with enforcement actions.

VII. DISCHARGE AND CONNECTION PROHIBITIONS

- A. Prohibition of Illicit Discharges. No person shall discharge, or cause to be discharged, an illicit discharge into the MS4. The commencement, conduct, or continuance of any illicit discharge to the MS4 is prohibited except as described below:

1. Water line flushing; landscape irrigation; diverted stream flows; rising ground waters; uncontaminated ground water infiltration; uncontaminated pumped ground water; discharges from potable water sources; foundation drains; air conditioning condensation; irrigation water; springs; water from crawl space pumps; footing drains; lawn watering; individual residential car washing; flows from riparian habitats and wetlands; dechlorinated swimming pool discharges; street wash water; and discharges or flows from fire fighting activities. These discharges are exempt until such time as they are determined by the County to be significant contributors of pollutants to the MS4.
2. Discharges specified in writing by the County as being necessary to protect public health and safety.
3. Discharges from off-lot household sewage treatment systems permitted by the Board of Health for the purpose of discharging treated sewage effluent in accordance with Ohio Administrative Code 3701-29-02 (6) until such time as the Ohio Environmental Protection Agency issues a NPDES permitting mechanism for residential 1, 2 or 3 family dwellings. These discharges are exempt unless such discharges are deemed to be creating a public health nuisance by the Board of Health.

- B. Prohibition of Illegal Connections. The construction, use, maintenance, or continued existence of illegal connections to the MS4 is prohibited.

1. This prohibition expressly includes, without limitation, illegal connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
2. A person is considered to be in violation of this regulation if the person connects a line conveying illicit discharges to the MS4, or allows such a connection to continue.

June 23, 2010

VIII. MONITORING OF ILLICIT DISCHARGES AND ILLEGAL CONNECTIONS

- A. Establishment of an Illicit Discharge and Illegal Connection Monitoring Program: The County shall establish a program to detect and eliminate illicit discharges and illegal connections to the MS4. This program shall include the mapping of the MS4, the routine inspection of storm water outfalls to the MS4, and the systematic investigation of potential residential, commercial, industrial, and institutional facilities for the sources of any dry weather flows found as the result of these inspections.
- B. Inspection of Residential, Commercial, Industrial or Institutional Facilities
1. The County shall make regular general inspections of the County to determine the existence of facilities noncompliant with this regulation.
 2. On the basis of the general inspection the County shall pursue a cooperative effort to remedy any noncompliant conditions through one or more of the following steps.
 - a. Enter and inspect the premises for further inspection as deemed necessary to determine compliance.
 - b. Set up devices to conduct monitoring and/or sampling of the facility's storm water discharge.
 - c. Require the facility owner/operator to install monitoring equipment as necessary, including sampling and monitoring equipment to be kept in operating condition by the owner and calibrated devices for measuring storm water flow.
 - d. Provide for reasonable follow-up inspection by the County to determine adherence to the monitoring plan. A schedule will be developed whereby owner/operator will allow County safe and reasonable access to the premises for inspection. Owner/operator shall remove obstructions to such access.
 3. If the County is refused access to any part of the facility/premises from which storm water is discharged, and the County demonstrates probable cause to believe these may be a violation of this regulation, or there is a need to inspect and/or sample to verify compliance with this, or to protect the public health, safety and welfare, the County may seek issuance of a search warrant, civil remedies including but not limited to injunctive relief, and/or criminal remedies from any court of appropriate jurisdiction.

IX. ENFORCEMENT

- A. Notice of violation. When the County finds that a person has violated a prohibition or failed to meet a requirement of this regulation, the County may order compliance by written Notice of Violation. Such notice must specify the violation and shall be hand delivered, and/or sent by registered mail; to the owner/operator of the facility. Such notice may require the following actions:
1. The performance of monitoring, analyses, and reporting;
 2. The elimination of illicit discharges or illegal connections;
 3. That violating discharges, practices, or operations cease and desist;
 4. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property; or
 5. The implementation of source control or treatment BMPs.

June 23, 2010

Resolution No. 10-417 cont.

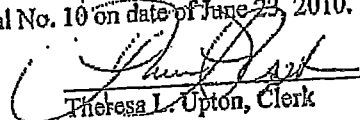
- B. If abatement of a violation and/or restoration of affected property is required, the Notice of Violation shall set forth a deadline within which such remediation or restoration must be completed. Said Notice shall further advise that, should the facility owner/operator fail to remediate or restore within the established deadline, a legal action for enforcement may be initiated.
- C. Any person receiving a Notice of Violation must meet compliance standards within the time established in the Notice of Violation.
- D. Administrative Hearing: If the violation has not been corrected pursuant to the requirements set forth in the Notice of Violation, the County shall schedule an administrative hearing to determine reasons for non-compliance and to determine the next enforcement activity. Notice of the administrative hearing shall be hand delivered and/or sent registered mail.
- E. Administrative hearings shall be conducted by the Board of Commissioners, or by any officer or body designated by the Board of Commissioners by further resolution.
- F. Injunctive Relief: It shall be unlawful for any owner/operator to violate any provision or fail to comply with any of the requirements of this regulation pursuant to O.R.C. 3709.211. If an owner/operator has violated or continues to violate the provisions of this regulation, the County may petition for a preliminary or permanent injunction restraining the owner/operator from activities that would create further violations or compelling the owner/operator to perform abatement or remediation of the violation.

X. REMEDIES NOT EXCLUSIVE

The remedies listed in this regulation are not exclusive of any other remedies available under any applicable federal, state or local law and it is in the discretion of the County to seek cumulative remedies.

Motion by Kalo, seconded by Kokoski to adopt Resolution. Ayes: Kalo & Kokoski / Absent: Blair had an appointment.
 Motion carried. _____ (discussion was held on the above)

I, Theresa L. Upton, Clerk to the Lorain County Board of Commissioners do hereby certify that the above Resolution No. 10-417 is a true copy as it appears in Journal No. 10 on date of June 23, 2010.


 Theresa L. Upton, Clerk

ATTACHMENT D

RESOLUTION NO. 10-418

A.13

In the matter of approving and entering into MOU's with)
the Townships of Grafton, Eaton, Columbia, Carlisle,)
Elyria, Sheffield and Amherst pursuant to Clean Water)
Act, Ohio EPA Phase II Program designating entities to)
develop and implement a program to detect and eliminate)
illicit discharges)

June 23, 2010

BE IT RESOLVED, by the Lorain County Board of Commissioners that we hereby approve & enter into MOU's with the Townships of Grafton, Eaton, Columbia, Carlisle, Elyria, Sheffield and Amherst pursuant to Clean Water Act, Ohio EPA Phase II Program designating entities to develop and implement a program to detect and eliminate illicit discharges.

Said MOU's are considered a part hereof to this resolution by as follows and can be found on file in the Commissioners/Purchasing/Township Office;

This Agreement entered into by and between the Board of Commissioners of Lorain County, Ohio (COUNTY) and the Board of Trustees of Township (TOWNSHIP)

WHEREAS, pursuant to the Clean Water Act, Ohio EPA Phase II program requires Phase II designated entities to develop and implement a program to detect and eliminate illicit discharges; and

WHEREAS, the COUNTY and TOWNSHIP DESIRE TO COLLABORATE EFFORTS TO COMPLY WITH Phase II requirements.

THEREFORE, IN CONSIDERATION OF the mutual covenants herein contained, the parties hereto agree as follows:

1.0 PLEDGE OF COOPERATION

Understanding that the current economic conditions severely restrict the funding and other resources available to local government, the parties hereto desire to collaborate their efforts to comply with Phase II mandates regarding the regulation of illicit discharge so as to use funding so as to avoid duplication and be economically efficient.

COUNTY agrees to dedicate its personnel and departments to assist and work in conjunction with the TOWNSHIP to fulfill the goals set forth hereafter. This will include the office so he Lorain County Engineer, Lorain County Auditor, Lorain County Health Department, Lorain County Community Development, Lorain County Soil & Water, Lorain County Emergency management and Lorain County Prosecuting Attorney.

TOWNSHIP agrees to dedicate its personnel and departments to assist and work in conjunction with the COUNTY to fulfill the goals set for hereafter. This will include the Township Zoning Inspector and Zoning boards, the Road Superintendent and Road Department, and all other administrative staff.

2.0 DETECTION AND ELIMINATION OF ELICIT DISCHARGES

COUNTY and TOWNSHIP shall use their best efforts, to the extent permitted by available funding, to achieve the detection and elimination of elicited discharges by implementing the following programs.

- 2.1 Conduct public education on illicit discharges
Employees, businesses and the general public will be informed of the hazards associated with illicit discharges and the improper disposal of waste. This will be accomplished through public programs and distribution literature. The County Soil & Water is currently accomplishing this through its PIPE program, and video the County Health Department has produced and broadcasts videos. The TOWNSHIP circulates information through newsletters and postings at Township buildings.
- 2.2 Enactment of illicit discharge regulations
COUNTY and TOWNSHIP are in the process of and will forthwith enact regulations prohibiting illicit discharges in their respective jurisdictions.
- 2.3 Detection of illicit discharges
COUNTY and TOWNSHIP are currently identifying illicit discharge locations. The County Health Department is identifying home sewage treatment systems. TOWNSHIP road personnel and administrative staff are locating outfalls. The information gathered will be submitted to the Lorain County Engineer and Auditor to prepare a map of the MS4 system. The parties will strive to update the map annually with the objective of identifying by 2014, all storm sewers, ditches, catch basins, publicly owned storm water management structures and all privately owned post construction BMP's installed since April 21, 2003.
- 2.4 Inspection of
COUNTY and TOWNSHIP will cooperate in field surveys and inspections of outfalls and home sewage systems for detection of illicit discharges. Documentation and reports regarding the inspections will be shared with each other, as well as OHIO EPA. Dry weather screening of all outfalls is to occur by 2014. Upon location of an illicit discharge, steps will be taken in accordance with the local regulations adopted pursuant to Section 2.2, to eliminate the illicit discharge by the owner.
- 2.5 Enforcement
In the event voluntary remediation by the owner is not accomplished in a timely manner, referral will be made to the Lorain County Prosecuting Attorney. The Prosecuting Attorney shall proceed with all remedies allowable by law including civil injunction and/or criminal prosecution necessary to obtain compliance with the Clean Water Act.
- 2.6 Best Management Practices
COUNTY and TOWNSHIP shall implement Best Management Practices to avoid illicit discharges. This will include training and instruction to public employees, information to the general public, monitoring of private home sewage systems and implementation of reasonable protection from accidental discharge, including establishing measurable goals, when illicit discharges are detected.

3.0

TERMINATION

This Agreement may be terminated by either party upon sixty (60) day written notice to the other party.

S/BOARD OF COMMISSIONER OF LORAIN COUNTY

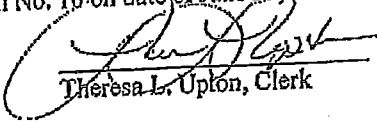
S/BOARD OF TOWNSHP TRUSTEES

S/APPROVED AS TO FORM; Gerald A. Innes, Assistant County Prosecutor

Motion by Kalo, seconded by Kokoski to adopt Resolution. Ayes: Kalo & Kokoski /
Absent: Blair had an appointment.

Motion carried. _____ (discussion was held on the above)

I, Theresa L. Upton, Clerk to the Lorain County Board of Commissioners do hereby certify that the above Resolution No. 10-418 is a true copy as it appears in Journal No. 10 on date of June 23, 2010.


Theresa L. Upton, Clerk

FILE COPY

RESOLUTION NO. SWD-15-7

In the matter of approving and entering into)
 A MOU with the City of Oberlin for) May 20, 2015
 For stormwater services)

BE IT RESOLVED, by the Lorain County Stormwater Management District we hereby approve and enter into a MOU with the City of Oberlin for stormwater services.

FURTHER BE IT RESOLVED, City of Oberlin will become co-permittees under the NPDES.

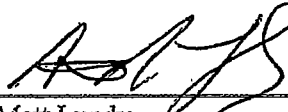
BE IT FURTHER RESOLVED, said contract is considered a part hereof to this resolution by reference thereto and can be found on file in the Commissioners/Purchasing & Stormwater Office.

Motion by Lori Kokoski, seconded by Matt Lundy to adopt. Upon roll call the vote taken resulted: Ayes: All

Motion carried. _____ (discussion was held on the above)

CERTIFICATE OF SECRETARY/TREASURER

I, hereby certify that the foregoing is a true and correct copy of Resolution No. SWD-15-7, adopted on the 20th day of May 2015.


 Matt Lundy
 Secretary/Treasurer

cc - Stormwater - Romanick
 Lisa Horstert - SWD GET Director
 K. Saunders - Purchasing

Task Products(s):

1. The KEM/ERC Team will prepare the following Billing Policy Papers:

- ▲ Select the Appropriate Billing Mechanism;
- ▲ Data Conditions and billing system programming;
- ▲ Coordination of Data and Data Sources;
- ▲ Definition of Residential and Non-Residential Property Types;
- ▲ Definition of Impervious Area (including gravel);
- ▲ Rounding Protocol (Billing in Whole ERUs);
- ▲ Exemptions;
- ▲ Public and Private Roadways;
- ▲ Apartments;
- ▲ Condominiums;
- ▲ Mobile Home Parks;
- ▲ Strip Malls/Office Parks/Malls;
- ▲ Special Situation, Pools, Railroad yards etc;
- ▲ Tax Exempt Properties;
- ▲ ERU Determination;
- ▲ Miscellaneous Issues;
- ▲ Customer Service;
- ▲ Technical Advisory Committee (TAC) Duties and Responsibilities;
- ▲ Stormwater Advisory Committee (SWAC) Duties and Responsibilities;
- ▲ Residential Properties with more than one (1) parcel containing impervious area.

Task 10—Update and Finalize the Stormwater Strategic Business Plan

Implementing a successful stormwater utility program requires developing a formal, flexible strategic business plan that provides guidance both now and in the future. The purpose of this task is to formulate a long-term strategic plan that is the basis for the "Stormwater Business Plan".

- 10.a Strategic Business Plan Paper.** The KEM/ERC Team will document updates to the strategic business plan paper based on input from the TAC, SWAC and City Council.

Task Products:

1. KEM/ERC will provide the City of Oberlin with a final version of the Stormwater Strategic Business Plan Policy Paper.
2. Two meetings with the TAC will be held to review, discuss and revise the Stormwater Strategic Business Plan and update the level of service/cost of service analysis noted under Task 11.

Task 11 – Update and Finalize the Level of Service / Cost of Service Analysis

The KEM/ERC Team will update the level of service /cost of service analysis based on input from the TAC, SWAC and City Council and will reflect the services outlined in the Stormwater Strategic Business Plan.

- 11.a Stormwater Functional Elements.** Based upon input from City staff through the data collection process, and from the KEM/ERC Team's previous experience assisting other Ohio communities, a specific description of program elements will be developed and used to meet the stormwater utility program goals.
- 11.b Identify "Required Minimum" Level of Service/Cost of Service.** The KEM/ERC Team will update the "required minimum" level of service/cost of service plan for the City of Oberlin Stormwater Utility Program and develop a five (5)-year plan.
- 11.c NPDES Permit Activities.** The KEM/ERC Team will incorporate the City of Oberlin Stormwater Utility Program NPDES Permit plan and cost assumptions into the cost of service computer model. It will be the responsibility of the City to provide cost associated with the NPDES permit activities.

1. The City will make its resources and data available to the KEM/ERC Team. This will include all reports, photographs, videos, complaint records, policies (written and unwritten), and media responses on stormwater issues and problems.
2. Any and all programming associated with and/or necessary for implementing and uploading the Base Master Billing File will be supplied by the City at no cost to the KEM/ERC Team. All land records, parcel information, and mapping will be made available at no charge to the KEM/ERC Team.
3. The cost estimate is based on the ERU rate structure method.

Task14--Rate Study Analysis

The KEM/ERC Team will evaluate revenue levels and project revenue requirements for the five-year period during which the rates and funding plan will be in effect. The purpose of this task is to develop and project utility revenue requirements including all cost of service functional activities, debt service and capital requirements, growth and expense estimations.

- 14.a **Project Utility Expenses.** Based upon at least two years of historical financial information, currently applicable budgets, and reasonable assumptions concerning growth, new costs for the Utility, City reports, and cost escalations, a projection of total utility expenditures for City services funded through the stormwater utility enterprise fund will be developed.
- 14.b **Project Utility Revenues.** The KEM/ERC Team will project revenues and allow for growth in the stormwater customer base.
- 14.c **A Rate Structure Policy Paper will be presented by KEM/ERC Team.** The KEM/ERC Team will prepare a policy paper using impervious areas as the rate structure for City review.

Task Products:

1. A Microsoft Excel™ electronic spreadsheet file will be furnished to City staff for ease and use in modifying assumptions used during the Rate Study. A Rate Study and Cash Flow Analysis "Financial Fact Sheet" Paper will document the results of this task.

Task15--Cash Flow Analysis

The KEM/ERC Team will develop a five-year cash flow analysis that will be incorporated in a user friendly computer model.

- 15.a **Develop Cash Flow Analysis.** Based on the results of the revenue requirements as a result of the rate study analysis, a five-year cash flow analysis will be developed for the five-year period the rates will be in effect.
- 15.b **Develop a Computer Model for the Analysis.** A computer cash flow model will be used in this analysis for the City. A five-year pro forma (computer model) which is the basis for the action plan will be developed and used to assist in analyzing and implementing the detailed five-year revenue requirements and cost of service program. The "required minimum" will be included in this analysis.

Task Products:

1. A Microsoft Excel™ electronic spreadsheet file will be furnished to City staff for ease and use in modifying assumptions used for the cash flow analysis.

Task 16 - Development and Implementation of Billing and Collection Procedures For Every Parcel

The KEM/ERC Team will develop an account structure and assign a land use designation for every active parcel based on billing policies established by the TAC.

- 16.a **Determine and Prepare the Base Master Account File Structure.** The KEM/ERC Team will develop an account structure and assign a land use designation for every active parcel based on billing policies established by the TAC. All billing parcels will be designated as either single-family residential or non-residential. Examples of non-residential accounts include industrial, commercial, and institutional categories.
- 16.b **Parcel Areas.** The KEM/ERC Team will collect Lorain County Auditor and/or City GIS mapping data for all parcels located within the City of Oberlin stormwater utility service area.

Task 18 – The KEM/ERC Team will assist the City in Organizing a Stormwater Advisory Committee (SWAC)

The KEM/ERC Team will assist the City in the formation of a Stormwater Advisory Committee (SWAC) to assist in reviewing and/or revising program decisions, policies and procedures developed by the TAC in establishing the stormwater management program, and in gaining public support. This task includes preparation of a menu of stormwater management goals, the SWAC meeting agendas, and attendance reports for up to four (4) meetings. The SWAC will give participants the opportunity to participate during the formation of the stormwater utility and will assist the City in the following:

- Obtaining support from the general public as well as support from professional, civic and special interest groups within the general public; and
- Building consensus and gauge the level of interest in public participation in stormwater program activities within the community in order to set meaningful measurable goals for these aspects of the program.

The Stormwater Advisory Committee (SWAC) will be comprised of representatives from the City, local residents, businesses, schools, churches, and civic groups to provide input into the development of the City's stormwater utility program. The KEM/ERC Team will facilitate the meetings, provide education for the committee members, and utilize other materials such as guidance documents to assist in the utility formation. Committee recommendations will be noted and incorporated into the appropriate documents.

- 18.a Organize a Stormwater Advisory Committee (SWAC).** The KEM/ERC Team will assist the City in developing a Stormwater Advisory Committee (SWAC) that will be charged with reviewing and providing input on all relevant issues and policies relating to the stormwater utility program and implementation plan.
- 18.b Prepare Presentation Material for SWAC Meetings.** The KEM/ERC Team will prepare presentation materials for all four (4) SWAC meetings.
- 18.c Facilitate and Reach Consensus at SWAC Meetings.** The KEM/ERC Team will facilitate up to four (4) Stormwater Advisory Committee (SWAC) meetings and solicit input and consensus building on all relevant issues and stormwater policies for the stormwater utility program, including developing a definition for consensus.

Task Assumptions:

1. The KEM/ERC Team will attend and facilitate 4 SWAC meetings.
2. Meeting minutes will be documented through the policy papers PowerPoint presentations discussed at each meeting. If separate meeting minutes are necessary, they will be prepared by City staff.

Task Products:

1. The KEM/ERC Team will recommend agencies, departments, businesses and other organizations that should be represented on the Stormwater Advisory Committee. City staff will be responsible for identifying individuals to participate on the SWAC and submitting its recommendations to the Administration. The SWAC should serve at the pleasure of the Administration.
2. The KEM/ERC Team will review and comment on meeting agendas, which will be prepared and distributed by the City staff.

Task 19 - Design and Prepare a Public Involvement/Education Outreach Program.

The purpose of the Public Involvement/Education Program is to develop a process to inform, educate, and generate public support for the overall stormwater utility program. The KEM/ERC Team has identified activities to support and promote the stormwater program. This includes developing a program brochure, and developing FAQ's for the City web site and working with the web master to create a new stormwater utility page on the City web site.

- 19.a Communications Launch Plan.** A communications plan will be developed for the overall stormwater utility program as follows:

- Develop a plan and attend one public meeting to allow the public to provide input on the stormwater utility program.

Task 21 – TAC Meetings

- 21.a Prepare and Hold TAC Meetings.** The KEM/ERC Team will prepare and distribute meeting agendas and documents to be reviewed and discussed for 6 on site TAC meetings. The monthly TAC meetings will be used to review, present, discuss, and develop draft program recommendations. The TAC meetings will vary in time length from 2 to 3 hours per meeting. Longer than usual meetings are required to minimize costs and maximize meeting time with City staff and consultant team.

Task 22 – City Council Presentation

- 22.a Prepare City Council Presentation.** A formal PowerPoint™ presentation will be made to City Council on the stormwater program implementation.

Task 23 – Final Report

- 23.a Document and Prepare Draft Executive Summary Final Report.** The purpose of this task is to prepare a draft executive summary report with results, findings, conclusions, and recommendations to City Staff in digital PDF format only.
- 23.b Document Prepare and Finalize Executive Summary Final Report.** The purpose of this task is to incorporate all city staff comments and prepare a final executive summary report to submit to City Staff in digital PDF format only.

The County's Responsibility:

1. Furnish to the KEM/ERC Team all existing records and reports, and other financial and billing information pertinent to the stormwater management utility rate analysis at no cost to the KEM/ERC Team. It shall be the City's responsibility to provide the KEM/ERC Team with this information as requested within a reasonable time frame and in an organized manner. The KEM/ERC Team shall rely on this information as being complete and accurate.
2. Furnish the KEM/ERC Team with office space, telephone, and proper work area when the KEM/ERC Team is on-site.
3. Assistance from the Legal Department, Finance/Accounting Department, Planning and the Utility staff, in providing and developing the information, statistics, etc., required for the purpose of the study.
4. The City will make its resources and data available to the KEM/ERC Team. These resources include, but are not limited to: staff; studies; documents; policies (written and unwritten); strategies; etc. Specifically, we expect that the City will provide details of data and methodologies employed in developing the provisional rates.
5. The City accepts the process/method of "estimating" and/or "forecasting" the number of ERU's based on the data conditions analysis, for the needs analysis phase of the project

Oberlin Co-Permittee Services (MCM 3 and 6)

MCM#3 – Illicit Discharge Detection & Elimination (\$24,000)

1. Inventory current Illicit Discharge Detection & Elimination Program (IDDE) practices within the City.
2. Based on the inventory of current practices develop an Illicit Discharge Detection & Elimination (IDDE) Program.
3. Forward model legislation consistent with existing County legislation to implement IDDE Program.
4. Screen outfalls within the City and apply its protocols as established in its IDDE Program.
5. Provide results of number of screenings, and data related to screenings.

MCM#6 – Pollution Prevention / Good Housekeeping (\$15,000)

1. Utilize Lorain County Operation and Maintenance Manual and update as needed to incorporate the City of Oberlin

STANDARD TERMS AND CONDITIONS

SECTION 1 - SCOPE

1.1 Scope of Services. The ENGINEER shall provide the services identified in "Scope of Services" (SERVICES), as identified as the responsibility of the "Project Team" which shall be defined as the ENGINEER, its agents and employees.

1.2 Notice to Proceed. SERVICES required under this AGREEMENT shall not commence until the ENGINEER receives a signed AGREEMENT from the CLIENT.

1.3 Changes in the Scope of Services. The CLIENT may, at any time, by executing an "Amendment to CLIENT-ENGINEER Agreement", make changes within the general scope of the AGREEMENT or SERVICES to be performed. If such changes cause increases or decreases in the ENGINEER'S costs, an equitable adjustment shall be made and this AGREEMENT shall be amended. The costs of such changes shall be negotiated prior to performance of the SERVICES and in a manner consistent with this initial agreement.

1.4 Opinion of Probable Construction Cost. Since ENGINEER has no control over cost of labor, materials, equipment or services furnished by others, over contractors methods of determining prices, or over competitive bidding or market conditions, its estimates of project construction cost will be made on the basis of its employees experience and qualifications and will represent their best judgment as experienced and qualified professionals, familiar with the construction industry. ENGINEER does not guarantee that proposals, bids or actual construction cost will not vary from its Opinion of Probable Construction Cost. If the CLIENT wishes an additional opinion as to the probable construction cost, the CLIENT shall employ an independent cost estimator.

1.5 Time Period. *The ENGINEER shall complete its obligation within a reasonable time. Specific periods of time for rendering services are set forth or specific dates by which services are to be completed are provided in "ENGINEER's Scope of Services", and are hereby agreed to be reasonable. If, through no fault of ENGINEER, such periods of time or dates are changed, or the orderly and continuous progress of ENGINEER's services is impaired, or ENGINEER's services are delayed or suspended, then the time for completion of ENGINEER's services, and the rates and amounts of ENGINEER's compensation, shall be adjusted equitably. If CLIENT authorizes changes in the scope, extent, or character of the PROJECT, then the time for completion of ENGINEER's services, and the rates and amounts of ENGINEER's compensation, shall be adjusted equitably. CLIENT shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the ENGINEER's performance of its services*

1.6 Delays. ENGINEER is not responsible for delays due to factors beyond its control. If CLIENT requests changes in project, compensation for, and time of performance of ENGINEER's services shall be adjusted appropriately. Promptly notify ENGINEER when CLIENT learns of any development that affects scope of timing of ENGINEER's services.

1.7 Substantial Completion. SERVICES shall be considered substantially complete for statute of limitation purposes on the date of the final invoice submitted by ENGINEER to CLIENT.

SECTION 2 - CLIENTS RESPONSIBILITIES

The following are the responsibility of the CLIENT, including but not limited to:

2.1 Designate CLIENT'S representative with authority to receive information and transmit instructions for CLIENT. Changes in this individual may require additional fees.

2.2 Designate CLIENT'S requirements for project, including objectives and constraints, design and construction standards, bonding and insurance requirements and contract forms.

2.3 Provide available information pertinent to project, upon which ENGINEER may rely.

2.4 Arrange for safe access by ENGINEER upon public and private property as required.

2.5 Examine documents presented by ENGINEER, obtain legal and other advice as CLIENT deems appropriate, and render written decisions and approvals within reasonable time.

2.6 Obtain consents, approvals, licenses, and permits necessary for project and not included in ENGINEER'S Scope of Services.

2.7 Advertise for, and open, bids when scheduled. ENGINEER may assist in these procedures.

2.8 Provide, or arrange to have provided, other services necessary for project but not within scope of ENGINEER'S services.

4.2 Indemnity. CLIENT and ENGINEER each agree to indemnify and hold harmless, each other and their respective officers, directors and employees from and against liability for all claims, losses, damages, and expenses, including reasonable attorneys' fees and costs of defense to the extent covered by insurance, and to the extent such claims, losses, damages, or expenses are caused by the indemnifying party's negligent acts, errors, or omissions. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of the CLIENT and ENGINEER, they shall be borne by each party in proportion to its negligence. The ENGINEER shall not be responsible for any loss, damage, or liability arising from any acts by CLIENT, its agents, staff, and other sub-consultants or subcontractors employed by it.

4.3 Limitation of Liability. In recognition of the relative risks and benefits of the Project to both the CLIENT and ENGINEER, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit ENGINEER's liability to the CLIENT to \$25,000 or amount of fee whichever is greater on this project, due to ENGINEER's professional negligent acts, errors or omissions, and breach of contract and to the fullest extent permitted by law.

SECTION 5 - ALTERNATIVE DISPUTE RESOLUTION

5.1 Dispute Resolution. If a dispute arises between the parties relating to this AGREEMENT, the parties agree to promptly schedule meetings between the parties, attended by individuals with decision-making authority regarding the dispute, to attempt in good faith to negotiate a resolution of the dispute.

5.2 Mediation. In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the CLIENT and the ENGINEER agree that all disputes between them arising out of or relating to this AGREEMENT or the Project shall be submitted to nonbinding mediation.

The CLIENT and the ENGINEER further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the Project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with their subcontractors, sub consultants, suppliers and fabricators, thereby providing for mediation as the primary method of dispute resolution among the parties to all those agreements.

If mediation is unsuccessful, the parties may proceed to litigation in the jurisdiction of the courts in the location of the ENGINEER's office.

SECTION 6 - TERMINATION

6.1 Termination for Cause. The CLIENT may terminate this AGREEMENT, or any part thereof, for cause in the event the ENGINEER defaults in performing thereunder or in providing the CLIENT upon written request with adequate assurance of due performance, or if the ENGINEER breaches any term or condition of the AGREEMENT; provided, the ENGINEER fails to cure the alleged default within five (5) calendar days of receipt of written notice from the CLIENT specifying the alleged default. In the event of termination for cause, subject to payment by the CLIENT, the ENGINEER will be paid for SERVICES which have been completed and which were not a reason for the termination, less a reasonable amount CLIENT shall determine will be necessary to cure the default. CLIENT shall not be liable to the ENGINEER for any amount otherwise payable to the ENGINEER under the AGREEMENT, and the ENGINEER shall be liable to the CLIENT for any and all direct damages which result from the default or breach.

6.2 Termination for Convenience. The CLIENT may at any time and for any reason terminate the AGREEMENT, or any part thereof, for its sole convenience. At the time specified by the CLIENT in writing to the ENGINEER, ENGINEER shall immediately cease performance of SERVICES under the terminated AGREEMENT and shall immediately cause all suppliers and sub consultants to cease performance thereunder. Subject to payment to the CLIENT, the ENGINEER shall be paid for services completed under this AGREEMENT to the point of ENGINEER's receipt of the written notice of termination. The ENGINEER shall not be paid for any SERVICES performed subsequent to the receipt of the written notice of termination nor for any costs incurred by the ENGINEER which the ENGINEER could have reasonably avoided.

SECTION 7 - ELECTRONIC MEDIA

7.1 File Maintenance. ENGINEER is not required to maintain copies of the electronics files beyond 60 days after project completion. Project completion is defined as final payment to the contractor(s) for all work performed.

7.2 Data Files. *When transferring documents in electronic media format, the transferring party makes no representations as to long-term compatibility, usability, or readability of such documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the documents' creator.*

7.3 Acceptance Period. The CLIENT agrees that ENGINEER will not be held liable for the completeness or correctness of the electronic media after an acceptance period of 30 days after delivery of the electronic files. ENGINEER'S the sealed drawings that accompany submittal to the CLIENT shall govern over electronic media. During this period, the CLIENT may review and examine these files; any errors detected during this time will be corrected by ENGINEER as part of the basic agreement. Any changes requested after the Acceptance Period will be considered additional services to be performed on a time and materials basis, at ENGINEER's standard cost plus terms and conditions.

8.15 Equal Employment Opportunity. The ENGINEER agrees not to discriminate against any employee or applicant for employment because of race, religion, color, handicap, sex, age, national origin, or status as veteran.

8.16 Taxes, Royalties and Expenses. The ENGINEER shall pay all taxes, royalties and expenses incurred in connection with its SERVICES under this AGREEMENT.

8.17 Subject Headings. The subject headings of the Sections and Subsections of this AGREEMENT are included for convenience only and shall not affect the construction or interpretation of its provisions.

8.18 Continuing Obligation. Whenever necessary or reasonable to carry out the intention of the parties, the provisions of this AGREEMENT shall survive the expiration or termination of this AGREEMENT and shall continue in full force and effect.

8.19 Successors and Assigns. Neither the CLIENT nor the ENGINEER may assign, sublet or transfer any rights under or interests in this AGREEMENT without the written consent of the other. Except for the nonassignability of this AGREEMENT as herein provided, it shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns, and each represents to the other that the undersigned are authorized to execute this AGREEMENT on behalf of the respective parties.

8.20 Books and Records. The ENGINEER agrees to maintain proper books, records, documents, papers and shall apply consistent accounting practices to properly reflect actual transactions on its accounting books and records in accordance with the rules and regulations of the national accounting governing board. Additionally, the ENGINEER shall use such books and records to provide accurate historical cost data as a basis for pricing this AGREEMENT. The ENGINEER agrees to save and make available all such records for audit or review by the CLIENT, or any other governmental funding agency at all reasonable times during the term of this AGREEMENT and for a period of three years after final payment is made to the ENGINEER.

8.21 Deficiencies. CLIENT shall not be responsible for discovering deficiencies in the technical accuracy of ENGINEER's services. However, CLIENT shall promptly notify the ENGINEER of any known or suspected deficiencies by CLIENT in ENGINEER's services. ENGINEER shall correct any deficiencies in technical accuracy without additional compensation except to the extent such corrective action is directly attributable to deficiencies in CLIENT furnished information.

8.22 Survival. All express representations, waivers, indemnifications and limitations of liability included in this Agreement will survive its completion or termination for any reason.

8.23 Waiver of Consequential Damages. Notwithstanding any other provision to the contrary, and to the fullest extent permitted by law, neither the CLIENT nor the ENGINEER shall be liable to the other for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or this Agreement. This mutual waiver of consequential damages shall include, but not be limited to, loss of use, loss of profit, loss of business or income or any other consequential damages that either party may have incurred from any cause of action whatsoever.

8.24 Hidden Conditions. A condition is hidden if concealed by existing conditions or structure or is not capable of investigation by reasonable visual observation. If the ENGINEER has reason to believe that a condition may exist, the CLIENT shall authorize and pay for all costs associated with the investigation of such a condition. If (1) the CLIENT fails to authorize such investigation after such notification, or (2) the ENGINEER has no reason to believe that such a condition exists, the ENGINEER shall not be responsible for the existing conditions or any resulting damages or losses resulting therefrom.

8.25 Betterment. If a required item or component of the Project is omitted from the ENGINEER's documents, the ENGINEER shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been included or required in the ENGINEER's original documents. In no event will the ENGINEER be responsible for any costs or expense that provides betterment or upgrades or enhances the value of the Project.

8.26 Construction Activities. The ENGINEER shall not be responsible for the acts or omissions of any person performing any construction Work or for instructions given by the CLIENT or its representatives to any one performing any construction Work, nor for construction means and methods or job-site safety. The ENGINEER has authority to reject the Work of the contractor(s) that does not conform to the construction documents, but only the CLIENT has the authority to stop the Work of the contractor(s).

8.27 ENGINEER's Status during Construction. If the "ENGINEER's Scope of Services" includes Construction Phase Services, The ENGINEER shall act as the CLIENT's representative in accordance with EJCDC C-700 "Standard General Conditions of the Construction Contract" except as limited by the "ENGINEER's Scope of Services". A resident project representative will only be used if specifically included in the "ENGINEER's Scope of Services".

8.28 Design without Construction Phase Services. If the "ENGINEER's Scope of Services" does not include Construction Phase Services, it is understood that the ENGINEER's services do not include Construction Phase Services, and as such the services will be provided by the CLIENT. The CLIENT assumes all responsibility for interpretation of the ENGINEER's documents and construction observation, and CLIENT waives any claims

OBERLIN CITY**1315.14 EROSION AND SEDIMENT CONTROL, LANDSCAPING, TREES.**

(a) Erosion and Sediment Control. Measures shall be taken to minimize erosion and its impacts during subdivision construction activity. Erosion control plans shall be designed to control erosion on-site and with the object of eliminating or minimizing erosion and sedimentation impacts off-site.

Detailed erosion control plans setting forth the techniques to be used both temporarily (during construction) and permanently, and a schedule for implementing or installing same shall be submitted with the Improvement Plans. All erosion control devices shall be in place at the start of construction and other measures implemented according to the approved schedule. Techniques, devices, or measures used shall be as approved by the Director based on site conditions and the Public Works Standards.

(b) Landscaping. All areas of disturbed soil shall be restored in a manner approved by the Director. Restoration shall include shaping to approved grades and seeding or planting in a manner to control erosion and to be reasonably maintained. Any unpaved areas of rights-of-way or pedestrian ways shall be graded, seeded, and planted as approved by the Director. Such landscaping shall be as described in the Improvement Plans.

(c) Trees. The subdivider shall install trees in the public right-of-way in conformance with the Public Works Standards. Trees shall be planted in the curb lawn of each lot and in such a manner as not to impair visibility at any corner or corners. Species of trees shall be chosen and trees planted according to the requirements of the ordinances of the City. Tree installation shall be as described in the Improvement Plans.

(Ord. 96-82 AC. Passed 9-16-96.)

results in an attractive residential environment on each frontage.
(Ord. 96-82 AC. Passed 9-16-96.)

ATTACHMENT F

POST CONSTRUCTION RULES RESOLUTION

RESOLUTION NO. 09-806

In the matter of approving the amendments to the Lorain County Post Construction Rules (Comprehensive Storm Water Management) November 19, 2009

WHEREAS, the public hearings for the Lorain County Post Construction Rules (Comprehensive Storm Water Management) were held on November 5 and 19, 2009 and there was no public comment; and

WHEREAS, the notice for said hearings were published in the Chronicle Telegram on November 23 and 30, 2009; and

WHEREAS, Nancy Funni, Administrator, Lorain Soil & Water Conservation District presented the amendments to the Lorain County Post Construction Rules (Comprehensive Storm Water Management) as follows:

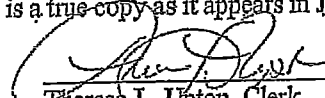
- Lorain Soil and Water Conservation District will be administrator of these Rules in cooperation with the Lorain County Engineer's Office.
- Purpose of this regulation is to establish technically and economically reasonable storm water management standards to achieve a level of storm water quality and quantity control that will minimize damage to property and degradation of water resources for Lorain County. This is disturbing one (1) acre or larger. However less than one (1) are not exempt from compliance with all other provisions of these Rules.
- This is for development or re-development.
- Will help reduce water quality impacts to receiving water resources that may be caused by new development or re-development
- Help control storm water runoff, incorporate storm water quality and quantity controls into site planning
- Maximize use of storm water management practices to help with flood and erosion control.

NOW, THEREFORE BE IT RESOLVED, by the Lorain County Board of Commissioners that we hereby approve the amendments to the Lorain County Post Construction Rules (Comprehensive Storm Water Management).

Motion by Kokoski, seconded by Kalo to approve the Resolution. Upon roll call the vote taken thereon resulted as: Ayes: Kokoski & Kalo / Absent: Blair out sick.

Motion carried. _____ (discussion was held on the above)

I, Theresa L. Upton, Clerk to the Lorain County Board of Commissioners do hereby certify that the above Resolution No. 09-806 is a true copy as it appears in Journal No. 09 on date of November 19, 2009.


Theresa L. Upton, Clerk

2015 LC SOIL & WATER PLAN REVIEWS/INSPECTIONS/ENFORCEMENT

Township	2015 plan reviews (homes)	2015 plan reviews (Comm/Sub)	No. Active home sites	No. home site visits
Amherst	7	2	7	29
Carlisle	12	0	12	55
Columbia	50	3	50	242
Eaton	28	2	28	83
Elyria	0	0	0	0
Grafton	2	0	2	6
Sheffield	1	0	1	2

	Active Comm sites	No. Comm site visits	Def. letters (homes)	Def. Letters (comm)
Amherst	2	11	1	1
Carlisle	0	0	2	0
Columbia	3	6	21	6
Eaton	2	8	16	2
Elyria	0	0	0	0
Grafton	0	0	0	0
Sheffield	0	0	0	0

	lot splits	Post Construct sites plan review	Post construct site visit
Amherst	0	0	0
Carlisle	1	0	0
Columbia	0	0	0
Eaton	0	0	0
Elyria	0	0	0
Grafton	0	0	0
Sheffield	0	0	0

ATTACHMENT H

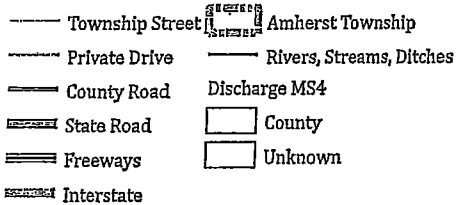
ATTACHMENT H

MS4 HSTS Discharges

PIN	Stan_addr	Dischg_MS4	Dischg_To
0300112101062	1161 NORTH RIDGE RD E	County	N. Ridge Rd CR1
0621005101043	6285 LAKE AVE	County	unknown
0621005102015	6326 LAKE AVE	County	Lake Avenue CR204
0621005102017	6340 LAKE AVE	unknown	Railway ditch or Lake Ave
0623011101032	41763 GRISWOLD RD	Elyria	unknown
0623011101070	6788 LAKE AVE	County	Lake Avenue CR204?
0623011101073	6868 LAKE AVE	County	Lake Avenue CR204
0623011102025	6856 LAKE AVE	County	Lake Avenue CR204
0623014000010	41436 GRISWOLD RD	Elyria	Griswold Rd TR
0624036104049	7444 LAKE AVE	County	Lake Avenue CR204?
0624037104033	7284 LAKE AVE	County	Lake Avenue CR204?
0624038101023	6968 LAKE AVE	County	Lake Avenue CR204
0624038103004	41713 GRISWOLD RD	Elyria	Griswold Rd TR
0624038103007	41625 GRISWOLD RD	unknown	unknown/railway ditch?
1000003124022	635 OBERLIN RD	County	Hall Rd CR199
1000003124028	617 OBERLIN ELYRIA RD	County	Hall RD CR199
1000003124030	613 OBERLIN ELYRIA RD	County	Hall RD CR199
1000003124034	675 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000003124035	701 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000003124039	639 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000003125011	705 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000003129003	602 OBERLIN ELYRIA RD	County	check discharge pt cord

PIN	Stan_addr	Dischg_MIS4	Dischg_To
1000003131009	618 OBERLIN ELYRIA RD	County	unknown
1000003131057	674 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000003131059	672 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000004120018	1425 EAST AVE	County	Fuller Rd CR174 or CR205
1000004139003	9685 EAST RIVER RD	County	East River Road CR34
1000004139007	9715 EAST RIVER RD	County	East River Road CR34
1000006109003	2023 GRAFTON RD	County	Grafton Rd CR205
1000006110037	2020 GRAFTON RD	County	Grafton Rd CR205
1000008102005	41304 OBERLIN ELYRIA RD	County	Russia Rd CR57
1000008111004	780 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd
1000009116023	41790 OBERLIN ELYRIA RD	County	Oberlin-Elyria Rd CR231
1000013000107	40980 BUTTERNUT RIDGE RD	County	Butternut Ridge Rd CR12
11000890000118	37550 BUTTERNUT RIDGE RD	unknown	Unknown. SR10?
1200021105001	24393 SPRAGUE RD	County	Sprague Road CR10
1200098000069	11388 ROOT RD	County	Root Rd CR24

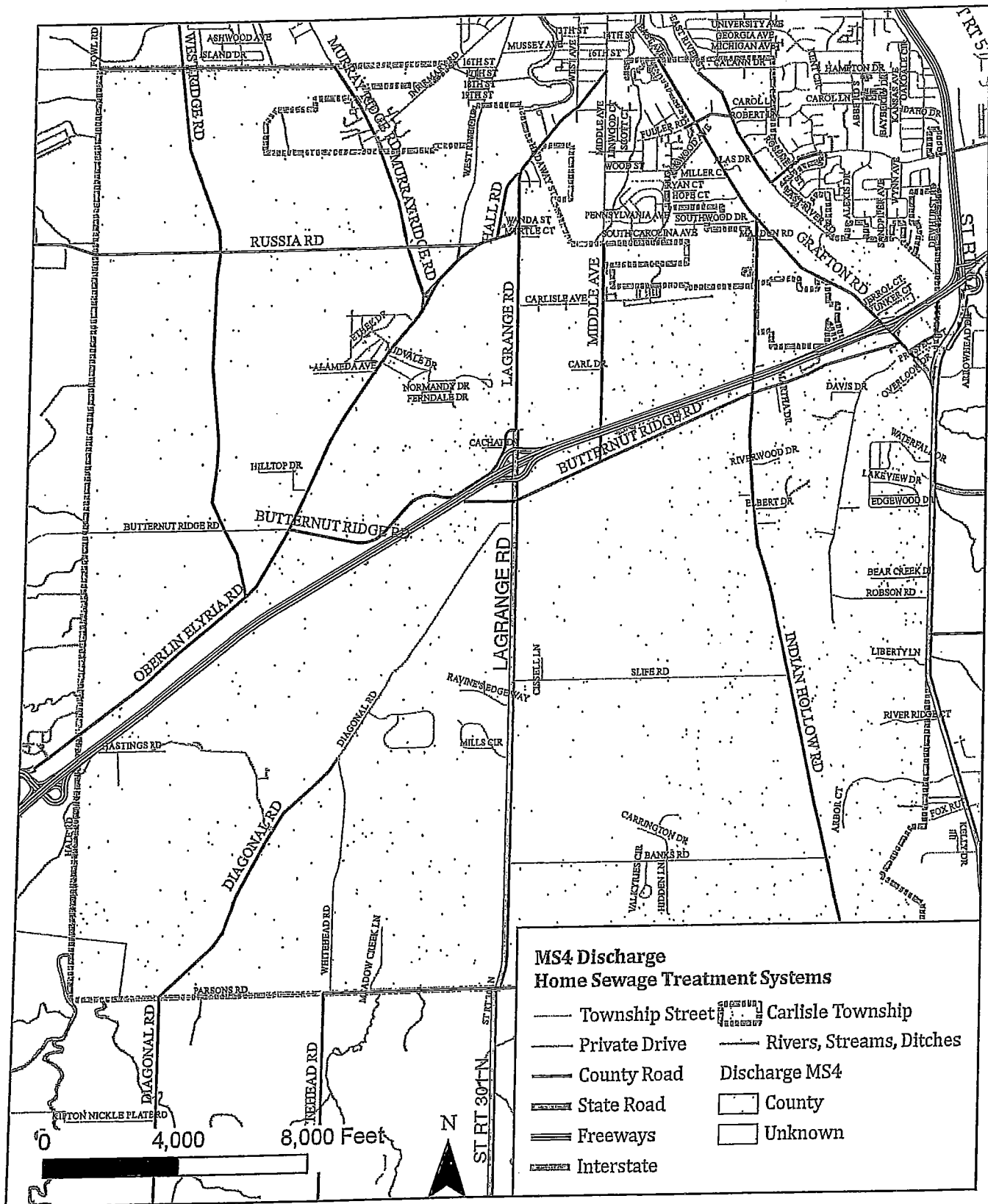
Offsite MS4 Discharge



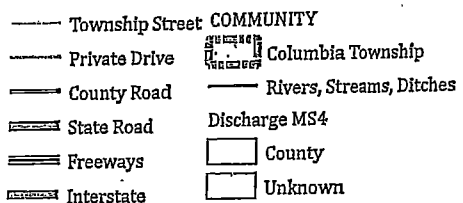
Carlisle Township, Ohio

Home Sewage Treatment System

Offsite MS4 Discharge



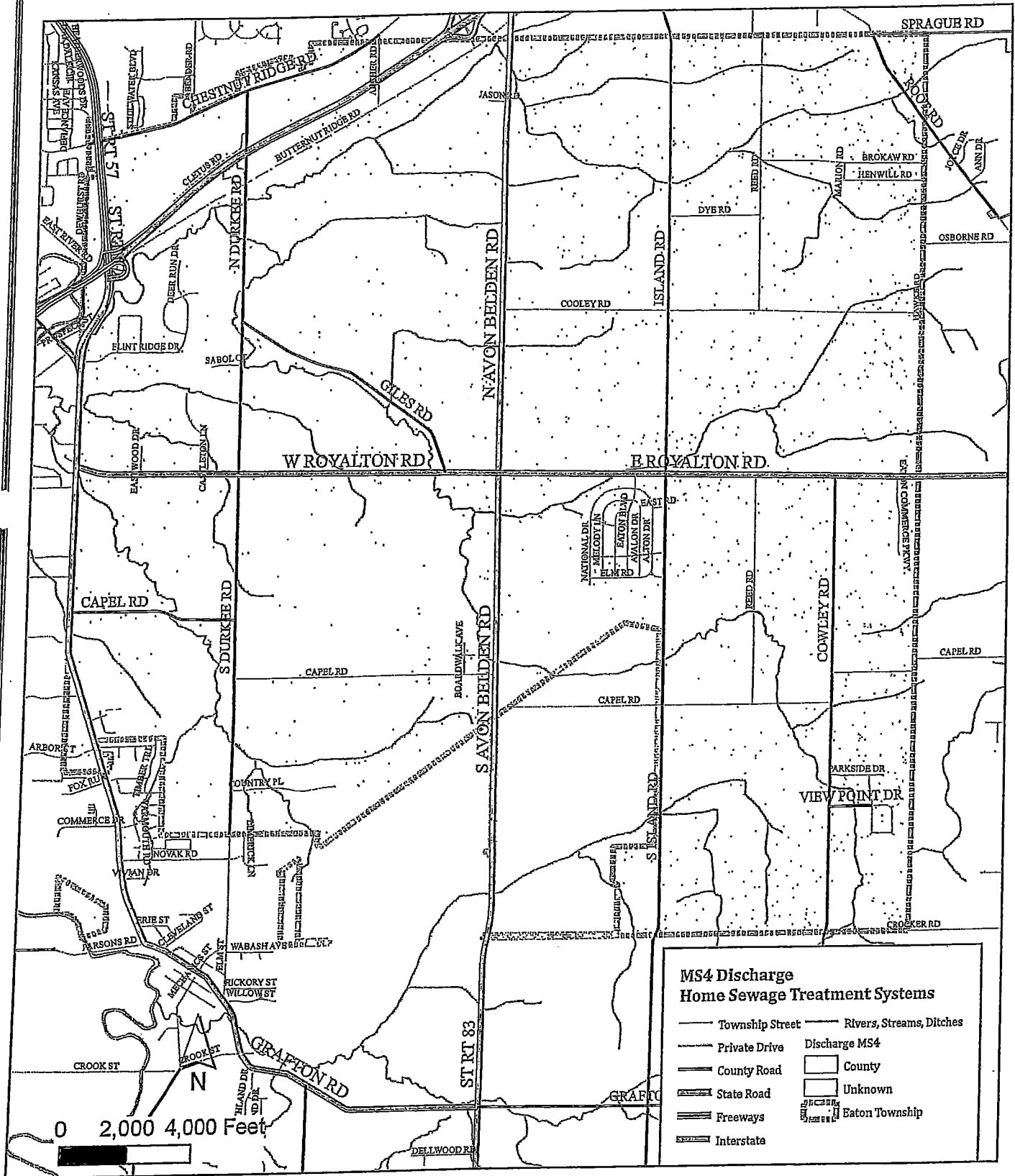
Offsite MS4 Discharge



Eaton Township, Ohio

Home Sewage Treatment System

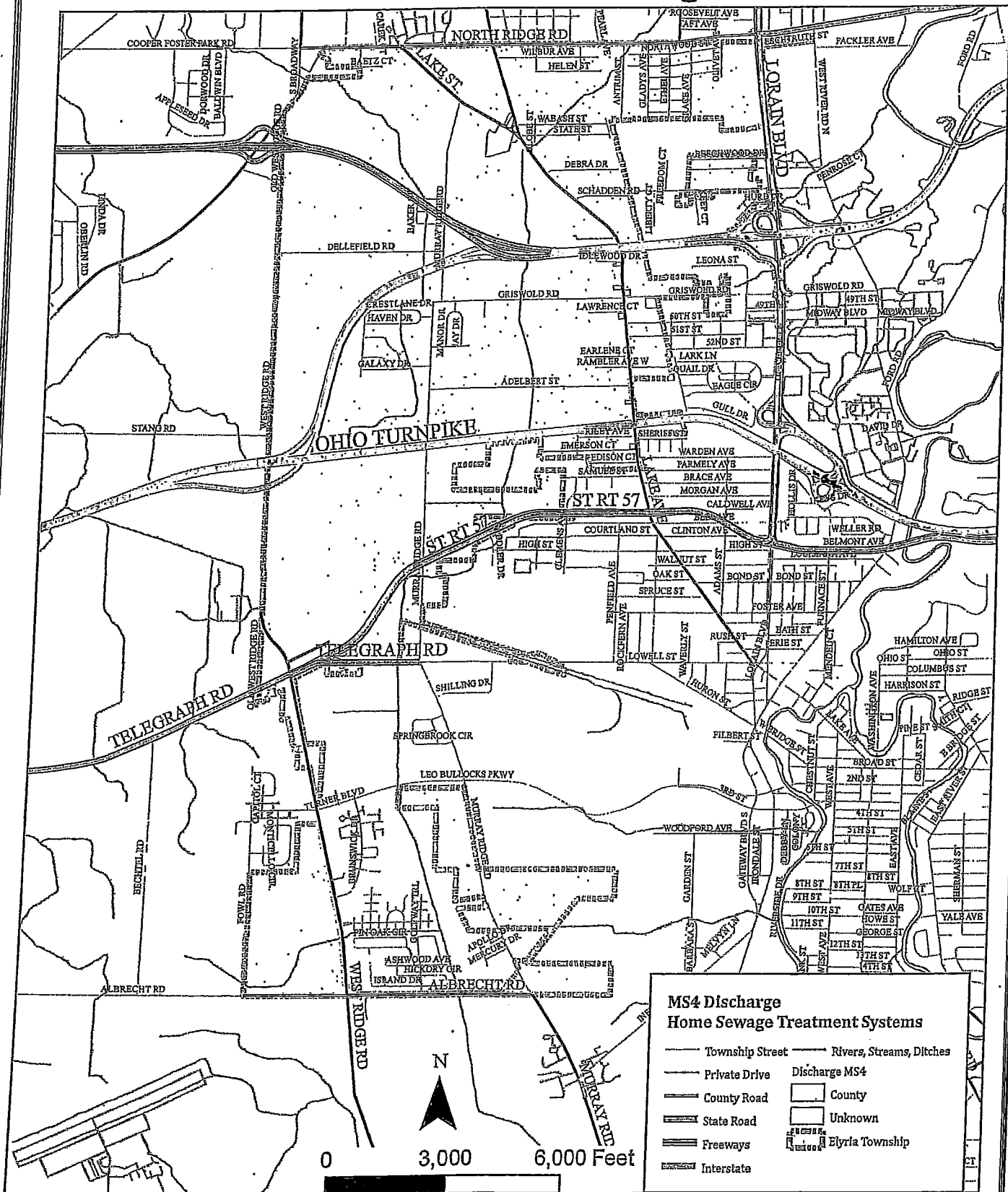
Offsite MS4 Discharge



Elyria Township, Ohio

Home Sewage Treatment System

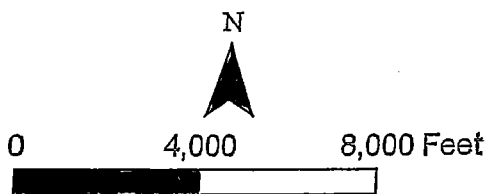
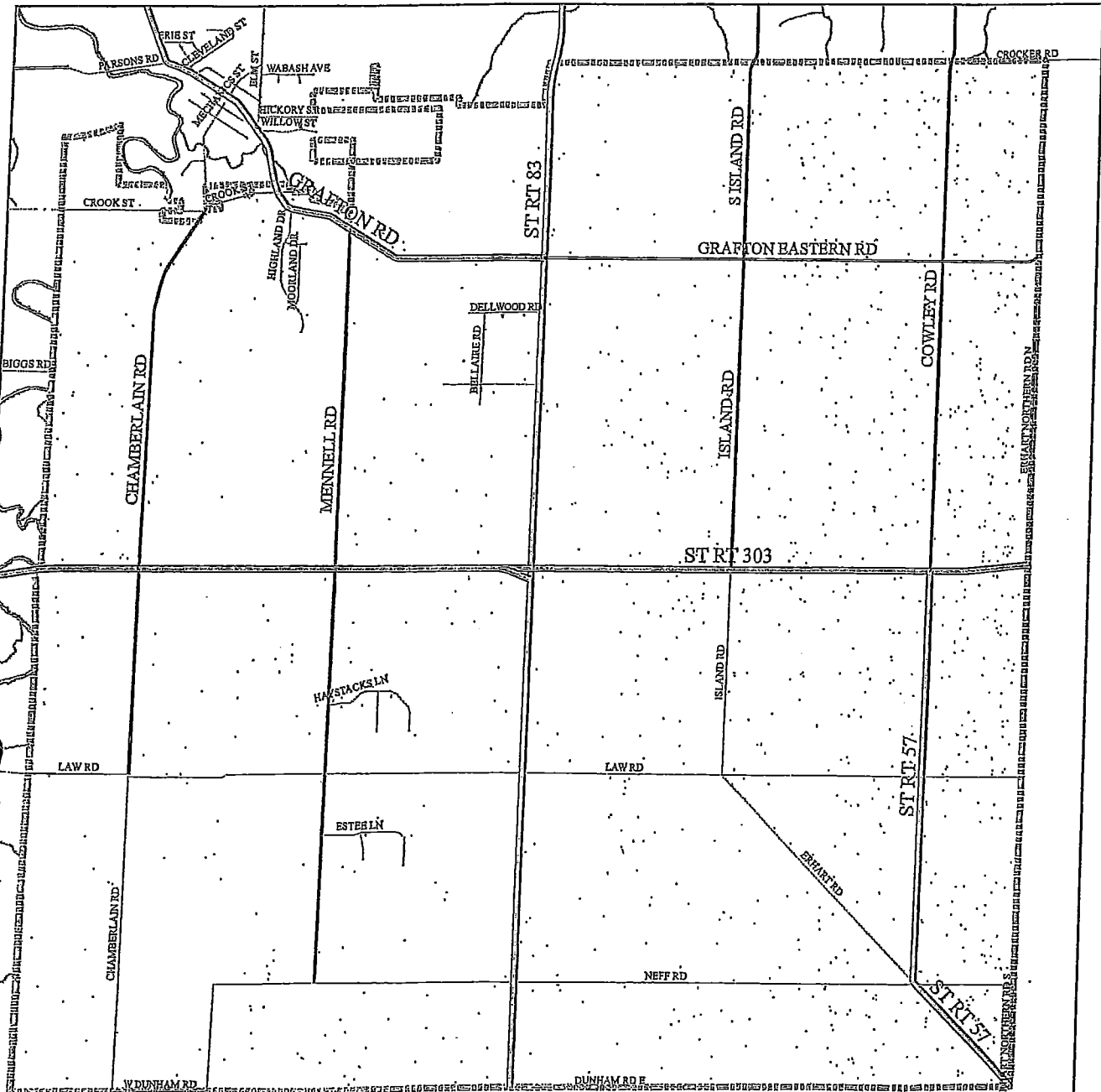
Offsite MS4 Discharge



Grafton Township, Ohio

Home Sewage Treatment System

Offsite MS4 Discharge

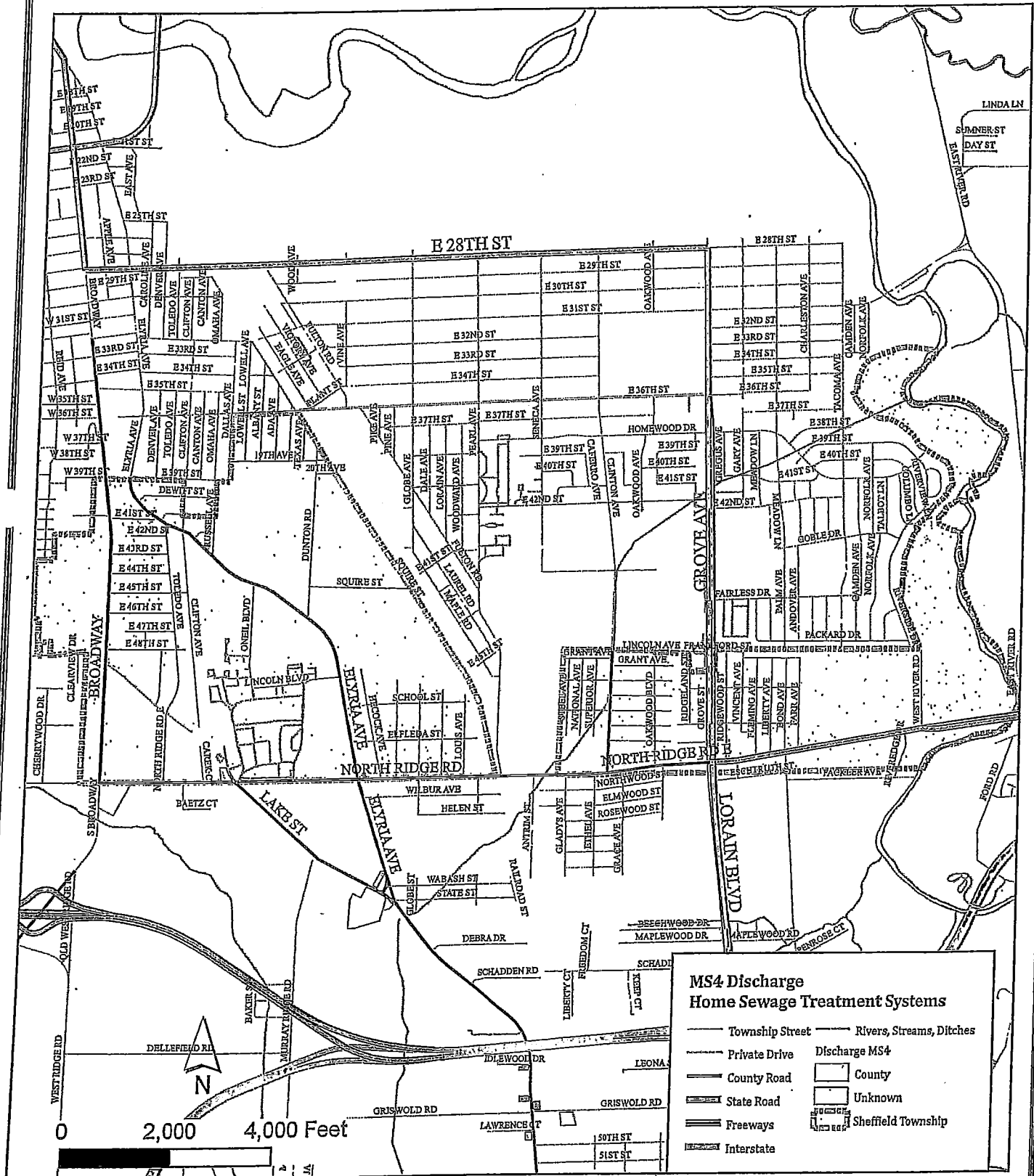


- MS4 Discharge**
Home Sewage Treatment Systems
- | | |
|-------------------|--------------------------|
| — Township Street | COMMUNITY |
| — Private Drive | Grafton Township |
| — County Road | Rivers, Streams, Ditches |
| — State Road | Discharge MS4 |
| — Freeways | County |
| — Interstate | Unknown |

Sheffield Township, Ohio

Home Sewage Treatment System

Offsite MS4 Discharge





MEMORANDUM OF UNDERSTANDING

Between

Lorain County Engineer, Lorain County, Ohio

and

Lorain County Commissioners, Lorain County, Ohio

and

Lorain Soil & Water Conservation District

On this 23 day of September 1986, this Memorandum of Understanding was entered into by and between the Lorain Soil and Water Conservation District, State of Ohio, hereinafter called the District; the Lorain County Commissioners, State of Ohio, hereinafter called the County; and the Lorain County Engineer, State of Ohio, hereinafter called the Engineer.

Recognizing the need for close working relationships in carrying out the responsibilities for which each is charged, the County, Engineer, and District enter into this Memorandum of Understanding as the foundation for the enduring cooperative working relationship. Such cooperation allows for joint effort in the solution of problems relating to the planning and development of soil and water resources in Lorain County.

Whereas, the Ohio Drainage Law designates specific authorities and responsibilities to the Engineer and the County for the purpose of constructing and maintaining improvements enhancing water management in Lorain County, and the District has judged the construction and maintenance of such improvement to be necessary and complimentary to the conservation and development of the land and water resources of Lorain County,

Within the limitations of authorities, resources, and established policies of the District and its cooperating agencies,

The District will:

1. Make technical assistance available to the County and the Engineer, as requested.
2. Provide information and educational materials to guide proper land use patterns.
3. Provide materials and secretarial help to prepare soil and water resource plans, as funds permit.
4. Advise the County on planning and development programs dealing with soil, water and land uses.
5. Inform the County of proposed watershed projects and works of improvement that affect land use planning.

6. Provide the County and Engineer with plans and specifications on proposed group drainage projects for approval and recording.
7. Cooperate with the County and Engineer in promoting maintenance on District group projects.
8. Coordinate with the Engineer for the purpose of construction, maintenance of drainage improvements and other water improvements initiated through petition or mutual agreements the following:
 - a. Design criteria and engineering or other data at its disposal, that is pertinent to proposed improvements.
 - b. Policies and procedures, as set up for mutual agreement improvements.
 - c. Construction and inspection of completed mutually agreed to improvements for adherence to approved design, as requested by the Engineer.
 - d. The organization of lay committees for the purpose of viewing improvements regularly, determining maintenance needs, and reporting the same to the Engineer.
 - e. Information activities for public understanding and acceptance of improvements and their maintenance.
 - f. Recommendations for adjustments in the procedures for improved services.
 - g. The gathering of watershed and other resource data to expedite the construction and maintenance of improvements under the provisions of the Ohio Drainage Laws.
9. Provide assistance to the County and Engineer with the interpretation of the Lorain County Soil Survey.
10. Review water disposal and erosion problem areas. Recommend vegetative and/or structural measures necessary to alleviate the problem.
11. Predict potential water disposal and erosion problems that will be created by uncontrolled urban development and other changes in land use. Recommend the need for and type of control measures that should be incorporated in a development plan.
12. Provide consultive assistance in the investigation, design criteria, specifications, and construction procedures for conservation measures.
13. Make recommendations on the installation of project measures.
14. Assist in conducting inventories of resources.
15. Counsel with the planning commission and planning consultants on the County's objectives for long-range development.

16. Follow established procedures in contacting the Ohio Utilities Protection Service and other utility companies about the location of utility lines within proposed construction areas.

The County will cooperate with the District in the development and implementation of long-range land and water use programs, utilizing such resource information as that made available by the Soil Conservation Service and other cooperating resource agencies.

The County will:

1. Observe principles of sound soil and water conservation, giving consideration to the need for water disposal and drainage, erosion control measures, stabilization of sediment producing areas, proper disposal of pollutants, beautification and maintenance of these practices.
2. Consult with the District in the development of future plans concerning long-range development for the County. Use the soil interpretation maps made available by the District and the Soil Conservation Service in preparing the plans.
3. Provide the necessary funds to employ personnel, furnish office space, and equipment, mutually agreed to by the County and the District.
4. Expedite the legal function and procedures required for the construction and maintenance of improvement under the provisions of the Ohio Drainage Laws.
5. Participate annually in a general field inspection in cooperation with the District and the Engineer, for the purpose of viewing improvements and evaluating maintenance conditions.
6. Refer to the District any proposed future urban and rural development projects for review and for technical opinions on the effect that the project may have on the land use, the soil and water problems that may develop, and the measures that may be needed to alleviate them.
7. Adopt and apply those recommendations made by the District which are acceptable to the County and in compliance with any ordinances.
8. Follow policies and procedures set up for mutual agreement improvements.
9. Be responsible for seeing that builders and developers incorporate into their plans, any soil and water resource plans and interpretive material supplied to them by the District and the Soil Conservation Service.

The Engineer will cooperate with the District in establishing policy and procedures to expedite the improvement and maintenance of drainage and other works of improvement initiated through the mutual agreement or petition process in Lorain County.

The Engineer will:

1. Cooperate with the District in establishing acceptable standards for the design of water management improvements and their maintenance.
2. Consult with the District in establishing the basic criteria for determining benefits to property owners from a drainage improvement that was constructed by mutual agreement or the petition process of the Ohio Drainage Law.
3. Observe the principles of a sound soil and water conservation program by considering the need for water disposal and drainage, erosion control measures, stabilization of sediment producing areas, the proper disposal of pollutants, and the maintenance and beautification of these practices.
4. Make available to the District engineering or other information that would be useful in conducting an information or education program.
5. Consult with the District at least annually, to explore improved methods for the construction and maintenance of soil and water improvements.
6. Follow policies and procedures set up for mutual agreement improvements.
7. Follow established procedures in contacting the Ohio Utilities Protection Service and other utility companies about the location of utility lines within proposed construction project areas.

It is mutually agreed that:

1. The District, County, and Engineer will meet periodically to review, and where possible, coordinate their individual programs and activities for maximum mutual benefit.
2. That the type of materials and technical data needed to give competent consultative service will be agreed upon, and prior to the publication of this material will be reviewed by all parties and credit will be given in the publication to the County, Engineer, District, or other cooperating agencies.
3. To place all group drainage projects under maintenance, as specified in the Ohio Drainage Laws.
4. This Memorandum of Understanding may be amended or terminated at any time by mutual consent of the parties involved. It may be terminated by any one of the parties involved by giving written notice to the other parties a sixty (60) day notice of their intent to terminate the agreement.

It is further understood that this Memorandum becomes effective on the signing of all parties involved, and that each party is obligated by this Memorandum only to the extent that funds and personnel are available for carrying out the provisions of this Memorandum.

This Memorandum does not alter or relieve the Engineer or the County from the legal responsibilities assigned by the existing Ohio Drainage Laws.

This Memorandum is executed and agreed to on the 23 day of September 1986.

Lorain County Commissioners

By: Richard J. Jacoby

Title: President - Lorain County Commissioners

Date: 9/23/86

Lorain County Engineer

By: Lawrence V. McElroy

Title: Lorain County Engineer

Date: October 1, 1986

Lorain Soil & Water Conservation District

By: Russell J. Edwards

Title: Chairman, Board of Supervisors

Date: October 28, 1986

Reviewed by the Lorain County Prosecutor's Office

By: John J. Keresi

Assistant County Prosecutor

Date: 9/23/86



"For The Health of Us All"

DAVID COVELL, R.S. M.P.H.
HEALTH COMMISSIONER

LORAIN COUNTY GENERAL HEALTH DISTRICT
9880 SOUTH MURRAY RIDGE ROAD
ELYRIA, OHIO 44035

TELEPHONE
Area Code 440
Elyria 322-6367
Lorain 244-3418
244-2209

Fax Line 322-0911
www.loraincountyhealth.com

January 8, 2016

Mark Rufener, P.E., CPESC, CPSWQ
General Civil Services Manager
K.E. McCartney & Associates, Inc.
526 E. Broad St.
Elyria, Ohio 44035

RE: Year to date report for Carlisle Township's SM-125 tracking reports.

As part of the Carlisle Township's OEPA Phase II Municipal Separate Storm Sewer System (MS4) permit, dry weather screening and sampling of the city storm sewer outfalls are routinely conducted. Storm water often contains pollutants in quantities that could adversely affect water quality.

Carlisle Township has asked for our assistance in tracing these illicit discharges back to their source, and by using BMP (best management practices) reduce or eliminate illicit discharges.

The following results are what the Lorain County General Health District has collected to date:

- **11167 Robson Rd.** - System summary: NPDES off-lot discharging system. These systems are OEPA approved to discharge to the waters of the State. Burnett's Septic Services conduct the required services and reported (9/26/15) excessive detergent usage. They suggested system be cleaned prior to next service. Inspections were performed by this office on 11/9/15 and 12/1/15. The system was operational and no flow was detected in the catch basin in question.
- **174 & 178 Jerrol Ct.** - Systems summary: 1,000 gal. or less septic tanks followed by filter beds discharging to a common storm tile running along the property line, from the roadside catch basin to the river. The systems were installed in 1951 and 1952. The following information was collected during a site visit on 12/9/15: 174 Jerrol Ct. is vacant and has been for approximately a year. 178 Jerrol Ct. is occupied and the system was cleaned in August 2014. There was no flow noted into the river at the time of the inspection however; there was evidence of some form of discharge noted on the surface of the river. 174 Jerrol Ct. is not contributing any water flow into the river due to being vacant and the septic tank and filter bed condition could not be evaluated since they are buried. The condition of the septic tank and filter bed at 178 Jerrol Ct. could not be determined due to being buried. It also could not be determined if there was flow at the roadside catch basin that may have been contributing to the discharge noted in the river.



- **11759 Indian Hollow Rd.** – System summary: Repaired system consisting of an aeration tank followed by a “BK” filter discharging to the Riverwood roadside catch basin. An inspection performed on 12/9/15 revealed that the aerator was not operational and the “BK” filter appeared to be being bypassed. Notice sent to the homeowner 12/15/15 requiring them to clean the system, repair/replace the aerator and clean and if needed level the BK filter. Received verbal conformation of service completion on 12/16/15. Still awaiting copies of requested service receipts. **12/29/15 – Received receipts of pumping, filter cleaning and aeration service as well as confirmation of a contract to regularly have the “BK” cleaned.**
- **38700, 38696 & 38694 Overlook Dr.** – Systems summary: aeration tanks followed by upflow filters discharging to a common tile running along the backyards and discharging into the Alexander Ditch. On 12/16/15 a notice was sent to the residents informing them of an upcoming inspection.

If you have any questions or comments, please feel free to contact me at any of the numbers listed below.

Best regards,

Robert J. Goard, R.S., MPH

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