

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.
- Do not 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

General Information

Small MS4 Annual Report for Year: 2021	Ohio EPA Facility Permit Number: 3GQ10012*CG
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Name of MS4: Lorain County SWMD

Mailing Address: 226 MIDDLE AVE 5TH FL

City: ELYRIA	State: OH	Zip Code: 44035
Country: USA	County: LORAIN	
Primary Contact: DONALD ROMANCAK	Title: Assistant Director	
Email Address: romancakd@loraincounty.us	Phone: (440) 328-2325	Fax:

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.

1. Lorain County
2. Amherst Township
3. Village of South Amherst
4. Elyria Township
5. Eaton Township
6. Carlisle Township
7. Columbia Township
8. Grafton Township
9. Henrietta Township
10. Sheffield Township
11. City of Oberlin

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 possibility of fine and imprisonment for knowing violations.

Applicant Name: Donald Romancak	Title: Storm Water and Community Development Coordinator
Signature: Electronically submitted by dromancak	Date: Electronically submitted on 03/30/2022

PUBLIC EDUCATION AND OUTREACH

Estimate Your Permit Area of Total Population: 49375

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	% Target Audience	Effective
Lorain County Fair	LCSWMD	Number of brochures handed out	Storm water and recycling	Lorain County Residents	50	Yes

Summary of Results: 120,000 attendees at the Lorain County Fair with 1,600 promotional item giveaways, 1,100 educational brochures, and 359 rain barrel raffle entries

Comments:

Amherst Township Publication	Amherst Township	Mail out township publication to residents	Changes	Residents	100	Yes
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Summary of Results: Mailed Township Publication to 2,600 Households

Comments: The Township mails out newsletter to its residents providing information on a variety of subjects with stormwater having a section of its own.

Informational Mailings	Lorain County Storm Water District, PIPE	Mail Informational and Educational Brochures to 50% of permit area in a 5 year permit cycle	Rooting for clean water	Public/ Residents	50	Yes
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Summary of Results: Mailed 5,205 brochures and flyers to residents within the permit area

Comments: Mailed in December 2019.

LCSWMD Website	Lorain County Storm Water District	Number of visits, up to date information, Feed back from public	Storm Water management, flooding, projects, information	Residents of Permit Area	50	Yes
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Summary of Results: Has been kept up to date and new features added that benefit managers and public

Comments:

Eaton Township LED Sign	Eaton Twp	Visible to visitors and motorists	Vegetate stream & pond banks to prevent erosion, recycle yard waste, recycle papers, magazines, & flattened cardboard at our drop-offs here, Eaton Township roadside leaf collection, protect our rivers & lakes allow only rain in the storm drain, non-phos fertilizer minimizes algae in ponds & lakes	Residents	100	Yes
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Summary of Results: Themes were changed throughout the year, many recyclables and yard wastes were brought to township for disposal

Comments:

Facebook site	Lorain County Storm Water Management District	Likes and Engaged Users	Storm Water District Activities	Residents	6	Yes
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Summary of Results: The District Facebook page reached 2,611 people with 141 page likes and 42 link clicks.

Comments: Posts included project updates, bidding opportunities, awards of grants and pertinent news relating to the District

3rd grader outreach	Eaton Township	Learning	Recycling	3rd graders at Midview	100	Yes
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Summary of Results: educated 3rd graders at Midview school on the importance of recycling through art

Comments:

S. Amherst Newsletter	South Amherst Village	Number of households	Stormwater and recycling	Village Residents	100	Yes
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Summary of Results: Mailed town newsletter with stormwater and recycling topics to all 680 households in the village

Comments:

Informational and Educational Brochures Distributed	Lorain County and Co-Permittees, PIPE, NEOPipe	Lorain County and Co-Permittees distributed information at public events and provided in public spaces at town halls, public libraries, storm water offices, and engineers offices and mailed to households	Storm Water Spread It Out Sink It In, Lake Erie Starts Here, After the Storm, Septic System Care, Sensible Salting, green lawns	Public	20	Yes
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Summary of Results: Approximately 5,205 Informational and Educational pieces of literature were mailed out to households as well as posted on the LCSWMD website and Facebook pages.

Comments:

Sheffield Township Publication	Sheffield Township	number of mailings	Stormwater and recycling	Township residents	100	Yes
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Summary of Results: Mailed Township Publication to 2,945 households in the township

Comments:

Rural-Urban Record	Grafton Township & Carlisle Township	Township news published	Township News	Public	100	Yes
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Summary of Results: Mailed to Grafton Twp residents

Comments:

PUBLIC EDUCATION & OUTREACH

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

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	% Target Audience	Proposed Schedule
Facebook Page	Lorain County Storm Water Management District	Likes and Engaged Users	Storm Water District Activities	Residents	2	The District Proposes to post at least 52 times this year

Summary of Planned Activities: Page will begin posting educational snippets from our library of brochures, news items, project updates and meeting notices

Comments: This is a mechanism to enable the District to reach out and communicate in a different mode than broadcast and printed media.

Informational Mailings	Lorain County	Mail informational literature to 50% of households within the permit area per a year	Lake Erie Starts Here, Water shed, Backyard Conservation, Trees, Waste Management and Recycling	residents within permit area	20	Mail 10% spring, 10% fall
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Summary of Planned Activities: mail literature to 20% of residents within permit area

Comments: Included on the brochures are webpage address; phone number and Facebook page address. Made changes in content to include a DIY recipe which has generated more interest in the literature

Lorain County Fair	LCSWMD	Number of brochures handed out, Number of people interacted with	Stormwater and recycling	Lorain County Residents	50	1 week during August for Lorain County Fair
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Summary of Planned Activities: Staff a table during open hours of the Lorain County Fair with employees, information, rain barrel raffles, rain garden information

Comments:

Eaton Township LED sign	Eaton Twp.	Number of people who see the displayed sign	Changes throughout the year, promotes public participation in cleanups, recycling, fall leaf cleanup, Watershed Protection, Fertilizer Use	Residents within the permit area	20	Theme of sign changes monthly with a message always displayed
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Summary of Planned Activities: Display signs to advertise recycling, storm water and watershed themes etc.

Comments: The sign is located on SR 83 just south of SR 82. This is a highly traveled corridor that generates an impact beyond the local community.

Amherst Township Publication	Amherst Township	Number of households reached	Storm Water, Recycling, Dumpster Days, Battery Disposal, Road and Drainage Projects	Residents of Amherst	100	Quarterly
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Summary of Planned Activities: Create and Distribute Quarterly Township Newsletter To All Households in Amherst Twp.

Comments: Using the mail it is ensuring 100% of residents are reached.

LCSWMD Website	Lorain County	Keep up to date, continue to add more useful features	Storm Water Management	Residents in Permit Area	100	Weekly updates
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Summary of Planned Activities: Update and continue with GIS system

Comments: The website is the main repository of information for the district. It is a place for all interested parties to gather information to comply with rules and regulations, access information about managing storm water and how to contact the District. It is undergoing continuous updates with the GIS Portal being the latest innovation for the site.

Annual Event	Lorain County Stormwater District	Attendance	Storm Water Management	Co-Permittees, Managers, Contractors	100	Spring 2022
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Summary of Planned Activities: Plan projects, goals, and yearly activities.

Comments: This is an opportunity for District members to gather, hear updates on the district, presentations on methods to control storm water and interact with governing board and staff. It has been very successful in attendance by our key partners.

Informational and Educational Brochures	Lorain County	Number handed out or received by public	Lake Erie Starts Here, Backyard Conservation, Waste management and recycling, Trees, Sensible Salting	Residents of Permit area	20	Check local libraries and public locations quarterly to stock literature and make sure there are some still available. Provide to Co-Permittees for distribution in public locations within their areas.
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Summary of Planned Activities: Design and make available literature for educational and informational purpose geared toward responsible storm water and watershed practices. Make available to local libraries, co-permittees and public events.

Comments: District delivers new brochures as they become available and fulfills requests for additional materials as requested at a variety of publicly accessible locations.

PUBLIC INVOLVEMENT AND PARTICIPATION

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate Of People Participated	Effective
SWAC Meetings	Lorain County Storm Water District	Participation, Effectiveness	Storm Water Advisory	Local Officials, Business Owners, Residents	100	Yes

Summary of Results: SWAC Meetings held approximately once a month, open to public to discuss storm water management within the county and its stakeholders

Comments: Zoom Platform with less meetings this year due to Covid. Transitioned to in person meetings with increasing attendance mid year.

Storm Water Annual Event	Lorain County Storm Water District	Attendance, Discussion	Storm Water Management	Public Officials, Local Businesses, Stake Holders	0	Yes
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Summary of Results: Hold Storm Water Annual Event Once per year for education and participation by local officials and stakeholders by invitation

Comments: Cancelled due to Covid.

Dumpster Days	Lorain County and Co-Permittees	Amount of participation and collection	Recycling and Responsible Disposal	Residents	560	Yes
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Summary of Results: Dumpster Days was promoted and supported by at least 3 townships with volunteers and approximately 279 people participated. At least 560 cubic yards of solid waste, 1,970 gallons of liquid, and 2 tons of scrap metal were collected for proper disposal. Pride day was promoted in at least 1 township and the city of Oberlin where local trash cleanup and recycling is promoted.

Comments:

Lorain County Fair	Lorain County Storm Water District	Number of interactions with attendees	Storm Water and Recycling	Lorain County Residents	3000	Yes
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Summary of Results: 120,000 people attended the fair with 1,600 promotional items given away, 1,100 educational brochures, and 359 entries into the rain barrel raffle

Comments: LCSWMD set up a booth that was tended by at least 1 employee during fair operational hours for 1 week during August.

Fall Farm Tour	Lorain County Storm Water District	Number of interactions and materials handed out	Storm Water and Recycling	Lorain County Residents	800	Yes
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Summary of Results: 380 informational brochures and promotional items were given away and there were 149 entries into the rain barrel raffle

Comments:

PUBLIC INVOLVEMENT AND PARTICIPATION

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

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate of People to Participate	Proposed Schedule
Rain Barrel Raffles and Setup	LCSWMD	Number of raffles and participants	Water conservation and recycling	District Residents	500	2 times per a year at L.C. Fair, and Fall Farm Tour

Summary of Planned Activities: Hold rain barrel raffles during public events to raise awareness of water conservation

Comments:

Storm Water Annual Event	Lorain County	Number of Attendees	Storm Water Management	Public Officials, Businesses, Stakeholders	100	Once Per Year
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Summary of Planned Activities: Discuss Goals, Accomplishments, Past, Present, and Future of Storm Water Management

Comments:

Dumpster Days	Lorain County and Co-Permittees	Amount of Solid Waste Collected	Recycling and Proper Disposal of Solid Waste	Residents of Permit Area	200	Promote and Hold at least 1 Dumpster Day Through out the Year
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Summary of Planned Activities: Advertise and Promote "Dumpster Days" to Local Residents

Comments:

Master Rain Gardener Program	LCSWMD	Number of Participants	Rain Gardens and Water Quality	District Residents	200	Hold at least 1 rain gardener program during the calendar year
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Summary of Planned Activities: Develop and hold master rain gardener program to certify residents who can continue to teach others

Comments:

Training Events for Storm Water BMPs	Lorain County and Co-Permittees	Attendance	Stormwater management and best practices	Townships, Contractors	50	One time per a year
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Summary of Planned Activities: Training Event with speakers and props for best management practices

Comments:

SWAC Meetings	Lorain County	Number of Meetings Held and Public Participation	Storm Water Management	Local Officials, Businesses, Stakeholders, and Public	35	Once Per Month as needed, a minimum of two per year are required. To operate our programs we meet at least 4 times per year.
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Summary of Planned Activities: Hold SWAC Meetings Once a Month to Discuss Storm Water Management, Develop Strategies, and Receive Public Feedback/ Participation

Comments: Meetings are open to public and the Lorain County Township Association distributes agendas and minutes to its membership.

Lorain County Fair	Lorain County Storm Water District	Number of interactions and educational brochures given away	Storm Water and recycling	Lorain County Residents	3000	1 week during August
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Summary of Planned Activities: Information on storm water, recycling, and pollution. Rain barrel raffle

Comments:

Fall Farm Tour	Lorain County Storm Water District	Number of attendees and interactions	Storm Water, Recycling, Pollution	Lorain County Residents	1000	1 Saturday in September as scheduled by Farm Bureau
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Summary of Planned Activities: Provide information on storm water, recycling, and pollution.

Comments:

ILICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Cite Local Code(s) Being Used (If available, web link for code(s))	Effective
Ordinance or Other Regulatory Mechanism	Lorain County Storm Water Management District, Oberlin City, Village of South Amherst	Maintain compliance with regulatory mechanism to prohibit illicit discharges.	Yes	Lorain County Resolution No. 10-417 (June 23,2010), 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, Henrietta Twp. 2016-11-01, Sheffield Twp. 002-2015, Oberlin City Codified Ordinance 915.07 Wastewater Treatment Required. www.conwaygreen.com/oberlin.htm	Yes

Summary of Results or Activities: This regulatory mechanism has been created and implemented.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
Storm Sewer System Map	Lorain County Engineer, Oberlin City, Village of South Amherst	Complete required mapping by the end of current permit cycle	Yes	A map of ditches and storm sewers for the county MS4s has been created. Provided townships with maps of their known existing MS4 infrastructure. Oberlin has GIS- based map of receiving waters, piped storm sewer system and catch basin, some tributary ditches, public storm water quality facilities and some private storm water quality facilities.	Yes

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
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HSTS Mapping and List	Lorain County Health District, Oberlin City, Village of South Amherst	Map and List of HSTS within county	Yes	A map has been created of all HSTS within the county. This map has been refined to show the HSTS"S that discharge to the county MS4.	Yes
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Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
IDDE Plan	Lorain County Storm Water District, Oberlin, Village of South Amherst	Screen outfalls to detect and identify illicit discharges, trace them, eliminate them or pass them on to the regulating authority	Yes	Identify and trace potential illicit discharges	Yes

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Total # of Outfalls	# of Outfalls Screened	# of Dry-Weather Flows Identified	# of Identified Illicit Discharges	# of Eliminated Illicit Discharges	Effective
Dry-Weather Screening of Outfalls	Lorain County Storm Water District	Screen all outfalls by end of permit cycle	Yes	909	242	33	27	0	Yes

Comments: Illicit Discharges were traced to potential source, then contacted the person or agency responsible for regulating the source activity. ex. Health Department

Upload File Name for the Illicit Discharges: IDDE Schedule.docx

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Planned Activities	Comments	Effective
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No records found

ILLICIT DISCHARGE DETECTION & ELIMINATION (IDDE)

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

BMP (mechanism)	Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Storm Sewer System Map	Lorain County Storm Water Management District, Oberlin, Village of South Amherst	Continue to update existing maps and transfer from paper to GIS	Update and transfer to GIS	Ongoing

Comments:

HSTS Mapping and List	Lorain County Storm Water Management District, Oberlin, Village of South Amherst	Maintain and update HSTS	Update as necessary	Ongoing and Annually
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Comments:

IDDE Plan	Lorain County, Oberlin, Village of South Amherst	Identify, Trace, and Elimination	Continue to identify and respond to identified IDDEs within the county and eliminate them or report them to the regulating authority who can help eliminate them.	As reported or found. As soon as possible when one is identified.
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Comments:

Oufall Screening	Lorain County	Screen at least 20% of outfalls per year, re-screen outfalls with dry weather flow	Continue to map and screen approximately 20% of outfalls per year with 100% of outfalls screened during 5 year permit cycle	Begin screenings when weather allows and complete by end of October to provide opportunities to trace if necessary within plan year.
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Comments:

CONSTRUCTION SITE RUNOFF CONTROL

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Cite Local Code(s) Being Used (If available, web link for code(s))	Effective
Ordinance or Other Regulatory Mechanism	Lorain County Storm Water Management District	Develop regulatory mechanism to control construction site runoff	Yes	Resolution 09-805 (November 19, 2009) Ordinance covers MS4 Townships, Resolution 19-713 (Updated 10/30/2019) Adoption of Erosion and Sediment Control Rules, Resolution 19-714 (10/30/2019) Post Construction Rules, Oberlin City Codified Ordinances Chapter 916 (916.20-916.25, 916.30-916.34, 916.80-916.82, 916.98-916.99)	Yes

Summary of Results or Activities: The regulatory mechanism has been implemented.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Standards Being Used	Effective
Sediment and Erosion Control Requirements	Lorain County Engineers, Lorain County Soil and Water Conservation District	Develop sediment and erosion control regulations, revise as needed	Yes	Lorain County Erosion and Sediment Control Rules, ODNR Rainwater and Land Development manual	Yes

Summary of Results or Activities: The regulatory mechanism has been implemented. Updates were added to comply with the new permit requirements for frequency of inspections and TMDL requirements.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Number of Complaints Received	Number of Complaints Followed Up On	Effective
Complaint Process	Lorain County Storm Water Management District, Lorain County Soil and Water Conservation District	Record and respond to all complaints.	Yes	41	41	Yes

Summary of Results or Activities: Any complaints were investigated and handled in the appropriate manner

Comments: We receive complaints via website, facebook, calls and referrals from partners.

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Sites Requiring Plans	# of Plans Reviewed	Effective
Site Plan Review Procedures	Lorain County Soil and Water Conservation District	Review all site plans with a disturbed area greater than or equal to one acre for the county and the MS4 townships	Yes	253	275	Yes

Summary of Results or Activities: All site plans with a disturbed area greater than or equal to one acre were reviewed for the county and MS4 townships

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites	# of Sites Inspected	Average Frequency	Effective
Site Inspection Procedures	Lorain County Soil and Water Conservation District (SWCD)	Visit each active site at least once per month for county and MS4s to check BMP and compliance with ESC rules and permits	Yes	92	174	1	Yes

Summary of Results or Activities: Visit each active site at least once per a month for the county and MS4 townships to check for compliance

Comments:

Upload File Name(s) for Applicable Sites: 2021 Soil & Water Chart.pdf

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Violation Letters	# of Enforcement Actions	Effective
Enforcement Procedures	Lorain County Board of Commissioners	Develop plan to ensure compliance with Erosion and Sediment Control regulations for the county and MS4 townships	Yes	92	90	Yes

Summary of Results or Activities: Sent letters and notices of violation in appropriate manner with follow up inspections to check for corrective actions taken to maintain compliance.

Comments: Notice of Violation letters with increased frequency of inspections until compliance is achieved. If failure to come into compliance after first steps, then a Stop Work Order is issued for the site.

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Measurements	Effective
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No records found

CONSTRUCTION SITE RUNOFF CONTROL

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

BMP (mechanism)	Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Site Inspections	Soil and Water Conservation District, Oberlin	Visit each active site for the county and MS4 townships once per month or more frequently depending on compliance status	Use standard inspection forms to evaluate sites	Throughout the year

Comments:

Enforcement Procedures	Lorain County Board of Commissioners, Storm Water Management District, Oberlin, South Amherst Village	Develop plan to ensure compliance with ESC regulations for the county and MS4 townships. Require sign offs on subdivisions prior to Planning Commission Approval.	Continue to follow enforcement procedures outline in the ESC requirements for the county and MS4 townships	Throughout the year
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Comments:

Site Plan Review	Soil and Water Conservation District, L. C. Engineers, Oberlin	Review all site plans with a disturbed area greater than or equal to one acre for the county and MS4 townships	Continue with site plan reviews with a disturbed area greater than or equal to one acre for the county and MS4 townships	Throughout the year
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Comments:

Ordinance or Other Regulatory Mechanism	Storm Water Management District/ Oberlin	Regulatory mechanisms have been created for the county and MS4 townships	Regulatory mechanisms have been created for the county and the MS4 townships	Throughout the year
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Comments:

Sediment and Erosion Control Requirements	Storm Water Management District, Soil and Water Conservation District, Oberlin	Provide plan review in accordance with the sediment and erosion control requirements	Provide plan review in accordance with the sediment and erosion control requirements	Throughout the year
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Comments:

Complaint Process	Storm Water Management District, Oberlin	Record and respond to all complaints and review sites for violations, standardize a formal process	Continue addressing complaints as they come in for the county and MS4 townships	Throughout the year
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Comments:

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Cite Local Code(s) Being Used (If available, web link for code(s))	Effective
Ordinance or Other Regulatory Mechanism	Lorain County Storm Water Management District, Oberlin, Village of South Amherst	Developed regulatory mechanism for post construction that applies to the county and MS4 townships	Yes	Resolution 16-794 (Updated 12/14/16) Lorain County Post Construction Rules, Resolution 09-806 (November 19, 2009) Includes MS4's: Amherst Twp., Carlisle Twp., Columbia Twp., Eaton Twp., Elyria Twp., Grafton Twp., Henrietta Twp., Sheffield Twp., Oberlin City Ord. 96-82 AC. (Amended 11/18/2019) Chapter 916, 916.20-916.25, 916.30-916.34, 916.80-916.82, 916.98-916.99	Yes

Summary of Results or Activities: Complied with post-construction requirements

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Structural and/or Non-Structural Standards Being Used		Effective		
Post-Construction Requirements	Soil and Water Conservation District, Oberlin, Lorain County Engineer, Village of South Amherst	Developed post construction rules that apply to the county and MS4 Townships, Performed Reviews and Inspections as required	Yes	Lorain County Post Construction Rules, Oberlin City Post Construction Rules		Yes		
Summary of Results or Activities: Complied with post construction requirements								
Comments:								
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Effective		
Site Plan Review Procedures	Soil and Water Conservation District, Lorain County Engineers, Oberlin, Village of South Amherst	Review all site plans with post construction requirements for the county and the MS4 townships	Yes	7	7	Yes		
Summary of Results or Activities: Reviewed all site plans with post construction BMP's for the county and MS4 Townships								
Comments:								
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites	# of Inspections Performed	Average Frequency		
Site Inspection Procedures	Soil and Water Conservation District, Oberlin, Lorain County Engineers, Village of South Amherst	Perform inspections after construction is complete for the county and MS4 townships	Yes	7	14	1		
Summary of Results or Activities: Performed post construction inspections where applicable, reviewed post construction storm water controls where applicable. Performed inspections on average 1 before construction and 1 after construction								
Comments:								
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Violation Letters	# of Enforcement Actions	Effective		
Enforcement Procedures	Soil and Water Conservation District, Oberlin, Lorain County Engineers, Village of South Amherst	Continue to ensure compliance with ESC rules for the county and MS4 townships	Yes	0	0	Yes		
Summary of Results or Activities: Followed enforcement procedures								
Comments:								
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Sites Requiring Plans/Agreements	# of Plans Developed/Agreements in Place	Effective		
Long-Term O&M Plans/Agreements	Lorain County Engineers	Perform plan and site reviews, require and review O&M agreements where applicable, Maintain O&M agreements, Number of Inspections and Reports	Yes	8	8	Yes		
Summary of Results or Activities: 8 sites have applicable O&M agreements, Lorain County Engineers work with site developers/owners to create and maintain the O&M agreements								
Comments: Received reports 6 I&M facilities, Inspected 4. Continue to inspect and request maintenance reports and inspection after 1 year or more of completed construction.								
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Measurement 1	Measurement 2	Effective		

No records found

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

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

BMP (mechanism)	Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Long-Term O&M Plans/Agreements	Storm Water Management District, Oberlin, Lorain County Engineers	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. GIS map SCM's for better monitoring in future.	Require O&M agreements where applicable as part of the planning process, Ensure O&M agreements are in place and continue to maintain areas that have an agreement in place.

Comments:

Enforcement Procedures	Lorain County Storm Water Management District, Oberlin, Village of South Amherst	Continue to ensure compliance control requirements for the county and MS4 townships	Enforcement procedures have been created. Continue to follow procedures and revise as needed for county and MS4 townships	Throughout the year
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Comments:

Post- Construction Requirements	Lorain County Storm Water Management District, Lorain County Engineers, Oberlin	Comply with post construction requirements for the county and MS4 townships	Comply with post construction requirements	Throughout the year
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Comments:

Site Plan Review Procedures	Storm Water Management District, Lorain County Soil and Water Conservation District, Lorain County Engineers, Oberlin	Review all site plans with post construction requirements for the county and MS4 townships	Continue with site plan review for both the county and MS4 townships	Throughout the year
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Comments:

Site Inspection Procedures	Storm Water Management District, Lorain County Engineers, Lorain County Soil and Water Conservation District, Oberlin, Village of South Amherst	Inspect all sites after final stabilization for compliance with post construction requirements for the county and the MS4 townships	Perform inspections as required for permitting, planning, and post construction to check compliance with adopted rules.	Throughout the year
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Comments:

Ordinance and Other Regulatory Mechanisms	Storm Water Management District, Oberlin	Comply with ordinances in place for the county and MS4 townships	Comply with ordinances in place	Throughout the year
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Comments:

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Storm Water Conference	Lorain County	Number of attendees and Knowledge gained	Yes	Flood Management, Conservation, Water Quality, Best Practices, Latest Science and Technology	Storm Water Managers	3	Yes

Summary of Activity: Attended Seminars with latest information on Storm Water Management, network with peers and colleagues

Comments:

BMP (mechanism)	List of Municipal Facilities Subject to Program			O&M Procedures Developed?	# of Inspections Performed	Frequency of Inspections				
Municipal Facilities	Elyria Twp Maintenance Facility, Lorain County Engineers Maintenance Facility, Oberlin Cemetery, Oberlin Compost Facility, Oberlin Municipal Light and Power, Oberlin Service Complex, Sheffield Twp Maintenance Facility, South Amherst Village (2 facilities)			Yes	50	quarterly and annually				
BMP (mechanism)	Summarize Maintenance Activities and Schedules			Summarize Activities Performed						
MS4 Maintenance	Ditches, Culverts, Storm Sewers, and Catch Basins are cleaned, repaired, or replaced as needed.			4,345 ft of ditches were cleaned, 11,125 feet of storm sewers were cleaned, 1,245 ft of storm sewers were replace/ repaired, 1,396 catch basins were cleaned, 53 catch basins were repaired/ replaced						
BMP (mechanism)	Procedures Developed?	Document Amounts of Wastes Properly Disposed								
Disposal of Wastes	Yes	Lorain County Solid Waste Management District- Collection Center: Received 1,698,931 pounds of solid wastes that consisted of household hazardous waste, light bulbs, electronics, and also collected 689 tons of Scrap Tires Co-Permittee Efforts with dumpster days, yard waste transfer stations, and town recycling centers.								
BMP (mechanism)	Covered?	Tons Used	Summarize Measures Taken to Minimize Usage							
Road Salt	Yes	2745 Tons	State of the art computerized truck applicators in some locations that apply minimum, other locations use spot salting techniques and only salt areas identified as hazards.							
BMP (mechanism)	Procedures Developed?	Gallons Used	Summarize Measures Taken to Minimize Usage							
Pesticide & Herbicide Usage	Yes	57 Gallons	Spot spray in some locations by licensed applicators during optimal conditions							
BMP (mechanism)	Procedures Developed?	Pounds Used	Summarize Measures Taken to Minimize Usage							
Fertilizer Usage	Yes	4045 Pounds	Fertilizers used by City of Oberlin Only through a commercial contractor for athletic fields							
BMP (mechanism)	Procedures Developed?	Document Amount of Material Collected and Properly Disposed								
Street Sweeping	Yes	48 tons								

BMP (mechanism)	Summarize Any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality
Flood Management Projects	<p>1. King ditch in Lagrange Township was cleaned and restored to manage flooding and erosion issues. Engle Ditch Ph 3 was cleaned and restored to manage flooding in Amherst Township and reduce erosion of stream banks.</p> <p>2. Purchased 50 acre parcel for flood management facility. Began Surveying and planning project with City of North Ridgeville for improving Fortune Ditch to relieve flooding and increase capacity of ditch. More than 30 log jams were removed in stretches of waterways throughout the county to prevent flood damages to homes, businesses, and roadways as well as reduce erosion and bank cutting.</p>
BMP (mechanism)	Summary
No records found	

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

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

BMP (mechanism)	Responsible Party	Measurable Goal	Summary of Planned Activities	Proposed Schedule
Disposal of Wastes	Lorain County and Co-Permittees	Amount Collected and Amount of Participation	Promote use of Lorain County Solid Waste Collection Center and local recycling centers for use by residents to properly dispose of wastes.	2-4 times yearly advertise the resources available to residents for disposal.

Comments:

Pesticide and Herbicide Usage	Lorain County and Co-Permittee	Amount Used	Continue to Minimize Herbicide Usage by Spot Spraying and Mowing. No Pesticide is Currently Used and Try to Maintain This Practice.	Mow areas that are accessible and spot spray where necessary to minimize herbicide use.
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Comments:

Municipal Facilities	Elyria Twp., Lorain County Engineers, Oberlin City, Sheffield Twp., South Amherst Vlg.	Complete all Quarterly and Annual inspections and reports in a reasonable quarterly and annual fashion	Have each responsible entity complete their quarterly and annual inspections on time and turn the reports into Lorain County Storm Water Management District	quarterly and annually
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Comments: Lorain County Storm water Management District will provide ongoing training through KEM and staff.

MS4 Maintenance	Lorain County and Co-Permittees	Number of Ditches, Storm Sewers, and Catch Basins Cleaned	Continue to Maintain and Clean As Needed	Clean and Repair as Needed Throughout Service Area
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Comments:

Employee Trainings	Lorain County and Co-permittees	At least 1 employee from each organization attends at least 1 training per a year	Attend training pertaining to stormwater and MS4 management 1 time per a year.	throughout the year
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Comments:

Road Salt	Lorain County and Co-Permittees	Amount of Salt Used	Continue to Reduce Road Salt Usage by Spot Salting and Investing in Modern Equipment with Better Application Rates	Spot Salt As Needed During Snow and Ice
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Comments:

Fertilizer Usage	Lorain County and Co-Permittees	Amount Used	Continue to Use Little or No Fertilizers	Use Fertilizer Only if Necessary
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Comments:

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.

Removed requirement for quarterly visual inspections at MS4 facilities but quarterly routine inspections remain in place as well as annual facility inspections. Added updated requirements of the new phase of the NPDES permit such as increased inspection frequency of sites in violation, TMDL requirements.

VARIANCES GRANTED (IF ANY)

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

ADDITIONAL INFORMATION

Please add any additional comments or attachments below.

Additional Information attachment(s): [SWMP 2021 update R04 with signed SWPPPs.pdf](#)