



Division of Surface Water
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.
- 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: 1GQ10002*CG	
Name of MS4: Clermont County & Others			
Mailing Address: 101 E Main St			
City: Batavia		State: OH	Zip Code: 45103
Country: USA		County: CLERMONT	
Primary Contact: John McManus		Title: Administrator	
Email Address: jmcmanus@clermontcountyohio.gov		Phone: (513) 732-7075	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.

Upload File Name for Table of Organization: OrgChart.docx
 See attached

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: John Mcmanus	Title: Program Manager
Signature: Electronically submitted by mcmanus	Date: Electronically submitted on 04/01/2022

PUBLIC EDUCATION AND OUTREACH

Estimate Your Permit Area of Total Population: 144560

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	% Target Audience	Effective
General Storm Water Education - Social Media	Clermont SWCD, Regional Storm Water Collaborative	Minimum of 4 postings per year	Various Messages / Multiple Themes	Those who live or work in Clermont County	41	Yes

Summary of Results: Clermont SWCD had 52 Facebook posts related to storm water management; topics included information on rain barrels, pond management, nutrient runoff reduction, fertilizer applications, plants for storm water control, rain gardens, trees as storm water BMPs, volunteer litter cleanups, tire collection events and household hazardous waste disposal. Facebook posts had a total reach of 27,770 and 1,987 engaged users, including a post for Tire Amnesty Days that reached 11,634 people and had 1,052 engagements. Facebook page followers increased by 123 to 858, and page likes increased by 93 to a total of 820. The Regional Storm Water Collaborative's Facebook page (SaveLocalWaters.org) has 1,404 followers, a reach of 8,516 and 10,515 impressions.

Comments:

Storm Water Education Programs for Clermont K-12 School Children	Clermont SWCD	50 Storm Water Related Programs	Teach impacts of land use and storm water runoff on water quality and stream biota.	K-12 School Children	12	Yes
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Summary of Results: 6 total programs conducted reaching an estimated 180 people. The number of programs given were still down drastically due to the COVID pandemic, with only one in-school program given (Goshen HS). The SWCD Education Coordinator also gave programs to Boys & Girls Clubs, library groups, and people training to become certified volunteer naturalists. During 2021, the Education Coordinator focused on developing curriculum for new programs, and drafting the education strategy for the new permit cycle.

Comments:

Web Site Education Materials	Clermont SWCD, Office of Environmental Quality, Regional Storm Water Collaborative	Maintain information on current news/events, BMP and pollution prevention fact sheets, educational materials, regulations & more. Create new website with virtual education programs for teachers.	Storm water educational materials for a variety of topics at www.clermontswcd.org , www.oeq.net and www.savelocalwaters.org . New teacher website created at https://sites.google.com/view/swohioedresources .	Those living and doing business in Clermont County; educators	100	Yes
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Summary of Results: Working with educators from Butler, Hamilton and Warren SWCDs and in response to the COVID-19 pandemic, the Clermont SWCD Education Coordinator helped create a new website where teachers can download education programs on a wide variety of topics, including those related to watersheds, water quality and storm water management. The site can be viewed at <https://sites.google.com/view/swohioedresources> (registration is required). In 2020, 167 unique participants requested access, and 125 unique participants did access the site, including 24 individuals from Clermont County. There were a total of 270 page views.

www.oeq.net: 1Q - 3,804 users, 7,512 page views; 2Q - 3,702 users, 8,032 page views; 3Q - 5,742 users, 10,632 page views; 4Q - 2,902 users, 5,641 page views; 2021 totals - 16,150 users, 31,817 page views

www.clermontswcd.org: 1Q - 2,750 users, 5,980 page views; 2Q - 2,754 users, 5,215 page views; 3Q - 2,806 users, 5,307 page views, 4Q - 2,192 users, 4,278 page views; 2021 totals - 10,502 users; 20,780 page views

Regional Storm Water Collaborative (www.savelocalwaters.org): 12,005 users, 16,270 sessions, 23,534 page views.

Comments: N/A

Concrete Washout Webinar	Regional Storm Water Collaborative, Clermont SWCD	1 Concrete Washout webinar	Concrete washout regulations and protocols	Contractors/builders, MS4s	100	Yes
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Summary of Results: On July 16, the Regional Storm Water Collaborative, of which Clermont SWCD is an active member, hosted a virtual Concrete Washout webinar which was attended by 49 people. The webinar included an overview of regulations, the impacts of improper washout discharges into local streams, violations and fees, protocols for large and small construction sites, industry best management practices, and alternative uses for washout material.

Comments:

Home Sewage Treatment Systems	Clermont County Public Health	Conduct 1 homeowner training session, distribute 3500 information cards to homeowners before inspections; maintain educational web site	Proper installation of new or replacement HSTSS; Proper care and maintenance of existing HSTSS	HSTSS owners	100	Yes
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Summary of Results: Public Health hosted a training session on mound systems for homeowners on August 3, which was attended by 9 people.

5,815 information cards were sent to HSTS owners.

Web site maintained at <https://ccphohio.org/septic-system-operation-permits/>

Comments:

Storm Water Field Day	Regional Storm Water Collaborative, Clermont SWCD	1 storm water management field day	Construction and post-construction BMPs	Development community, MS4s	100	Yes
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Summary of Results: After being forced to cancel the event in 2020 due to the pandemic, the Regional Storm Water Collaborative was again able to host the annual Storm Water Management Field Day on September 23. The event included a field demonstration of BMPs and an update given by John Mathews (Ohio EPA) on Ohio storm water permits. 88 people attended.

Comments:

Newsletter Articles	Clermont SWCD, Clermont OEQ, Clermont County Office of Public Information; Goshen Twp, Miami Twp, Union Twp, Williamsburg V	Minimum 4 storm water-related articles per year in county newsletter; 1 per year for partners with newsletters	Present timely information on storm water-related news and events	Those living and doing business within Clermont County	100	Yes
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Summary of Results: Clermont SWCD - 12 articles: Shrink Your Lawn (Spring), Why Plant Native (Spring) Summer Litter Cleanup Update (Spring), Rain Barrel and Conservation Plant Sale (Spring), "Summer" Litter Clean-up Design Logo Winner (Summer), Ohio River Sweep Update (Summer), Pond Management Video Series (Summer), Shor Park Restoration Project (Fall), Don't Dump! What to do with Household Hazardous Waste (Winter), 2022 Spring Litter Cleanup (Winter), Rain Barrel Art Call for Designs (Winter), Master Rain Gardener Course (Winter). 472 printed newsletters, 1,468 electronic editions (564 opened, open rate of 38.4%), 340 web site views.

Clermont OEQ E-Newsletter: Tire Amnesty Days (7/30) - 323 (111 opened, 37% open rate); Don't Dump! What to do with Household Hazardous Waste (9/28) - 377 (118 opened, 31.3% open rate)

Green Classroom Blog - National Green Week education materials (2/2) - 85 sent, 19 opened (23% open rate)

Clermont County - Spring Litter Cleanup Logo Design Contest (April) County Seeks Input on Storm Water Program (June), Summer Litter Cleanup (June), Ohio River Sweep (June), Summer Litter Cleanup Results (August), Tire Amnesty Results (November). Est 1100 per newsletter

Goshen Township - "County Seeks Input on Storm Water Program" (6/7) - Est. 1000 people reached per article.

Miami Township - Article on Spring Litter Cleanup (Spring) - 14,700 newsletters + web site

Union Township - The Importance of Clean Storm Drains (Spring) - 500 printed + web site

Williamsburg Village - "It's a Green Day" Summer Litter Cleanup.

Comments:

Pond / Retention Basin Management Clinic	Clermont SWCD	1 pond clinic, 50 attendees	Pond and retention basin maintenance	Pond / basin owners	14	Yes
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Summary of Results: Unfortunately, Clermont SWCD was again forced to cancel the event due to the COVID-19 pandemic. In its place, Clermont SWCD developed the first in a series of planned pond management videos, which can be viewed at <https://www.youtube.com/watch?v=Ec0yRfUruwI> (7 views)

Comments:

HHW Disposal Education Campaign	Regional Storm Water Collaborative, Clermont SWCD	1 television and digital advertising campaign promoting proper HHW disposal; 1 utility bill message	Proper disposal of household hazardous waste	Those living and doing business in Clermont County and greater Cincinnati area	100	Yes
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Summary of Results: The advertising campaign directed people to the TakeBackYourHome.org web site which provides information on reuse/recycling/proper disposal of HHW materials. A past advertisement on deck stain was recirculated and a new ad on pool chemicals was created. The campaign ran on WKRC-TV (Local12), iHeart Media and YouTube. Through Local 12, the advertisement received 1,818,200 impressions, and 181,499 impressions through Over-the-Top advertising on streaming TV. The iHeart Media digital radio advertising campaign resulted in 380,481 impressions. The YouTube campaign had 1,393 views and 17,029 impressions with 60.3 hours watched.

In late summer 2021, Clermont County Water Resources Department included an educational message on its utility bills with information on how to properly drain swimming pools. Bills were mailed to over 40,000 water & sewer customers.

Comments:

Rain Garden / Rain Barrel Education Program	Clermont SWCD, Regional Storm Water Collaborative	Conduct 1 presentation; sell 10 rain barrels; 1 rain barrel art event, develop Master Rain Gardener course, maintain rain garden web site	Rain garden and rain barrel education	Clermont County property owners	100	Yes
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Summary of Results: Clermont SWCD gave a presentation on its school rain garden program to the Regional Watershed Network on 11/5. Approximately 25 people attended.

17 rain barrels sold as part of 2021 conservation plant sale and single sales throughout the year

Rain Barrel Art event - 69 students (1st grade-college) and 65 individuals/business groups submitted artwork to participate in the 2021 project. 40 designs were selected and 40 rain barrels were painted by local artists. The 40 painted barrels were displayed at the Cincinnati Zoo through the month of April, with over 100,000 visitors in attendance during the barrel display period. The event received news coverage from Fox19-TV, and the on-line auction raised \$12,386 for environmental education.

The Regional Storm Water Collaborative developed materials for the first Master Rain Gardener course to be held beginning in March 2022.

The Rain Garden Central web site was maintained at www.clermontswcd.org/rain-gardens-barrels/. There were 233 Page Views for the home rain garden/rain barrel page.

Comments: N/A

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
Take Back Your Yard Campaign	Clermont SWCD, Regional Stormwater Collaborative	Conduct one television/internet advertising campaign	Replacing turf grass with native plants	Residential property owners	100	Summer 2022

Summary of Planned Activities: Clermont SWCD, working with the Regional Storm Water Collaborative, will develop and conduct an advertising campaign encouraging homeowners to "take back their yard" by replacing sections of turf grass with native plants which will improve infiltration and reduce the need for herbicides and fertilizer.

Comments:

Pond / Retention Basin Management Clinic	Clermont SWCD	Conduct 1 pond / basin management clinic, goal of 50 attendees	Pond and retention basin maintenance	Pond / basin owners	100	Summer 2022
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Summary of Planned Activities: Conduct one pond / storm water basin maintenance clinic for private landowners

Comments: N/A

Plastic Litter Reduction	Clermont SWCD, Regional Storm Water Collaborative	Institute Single Use Plastic Conservation Initiative, purchase and utilize Litterati app	Plastic Litter Reduction	All Clermont residents	100	Single Use Plastic Conservation Initiative - mid 2022; Litterati app to be used at the Spring Litter Cleanup in April and the Ohio River Sweep in June.
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Summary of Planned Activities: Working with the WAVE Foundation at the Newport Aquarium, Clermont SWCD and the Regional Storm Water Collaborative will create and implement a Single Use Plastic Conservation Initiative where WAVE staff will share information on the problems associated with single use plastics with families visiting the Aquarium, and then ask them to commit to reducing the amount of plastic used in their household. Families that sign a commitment form will be given an "infrastructure kit" that includes materials such as reusable flatware, sandwich bags and straws to help them meet their commitment. The Collaborative will purchase the Litterati app which will allow its members, including Clermont County, to use the app during volunteer litter cleanups. Details are included in the March 2022 SWMP.

Comments:

Storm Water Survey	Clermont SWCD, Regional Storm Water Collaborative	Conduct one survey to measure general public awareness and involvement in regards to storm water management issues.	Public education program evaluation	All Clermont County residents	100	Early 2022
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Summary of Planned Activities: In an effort to track the success of our education programs, Clermont SWCD and the Regional Storm Water Collaborative will conduct a survey in 2022 to measure general public awareness and involvement in regards to storm water management issues. A follow-up survey will be conducted at the end of the permit cycle in 2026.

Comments:

Rain Garden / Rain Barrel Education Program	Clermont SWCD, Regional Storm Water Collaborative	Sell 10 rain barrels; 1 rain barrel art event, maintain rain garden web site, institute Master Rain gardener program	Rain garden and rain barrel education	Clermont County property owners	100	March - Master Rain Gardener class; April - Rain Barrel Art Project, rain barrel sales December - Rain garden video Year-round - maintenance of demonstration rain gardens, rain barrel sales, maintenance of web site
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Summary of Planned Activities: Sell 10 rain barrels, annual rain barrel art event with Regional Storm Water Collaborative (RSWC), maintain rain garden web site at <http://www.clermontswcd.org/rain-gardens-barrels/>, host first Master Rain Gardener class with RSWC

Comments: N/A

Home Sewage Treatment Systems	Clermont County Public Health	Distribute 3500 HSTS education postcards to homeowners before inspections; maintain educational web site	Proper care and maintenance of existing HSTSs	HSTS owners	100	HSTS education postcards distributed year-round
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Summary of Planned Activities: Distribute 3500 HSTS education postcards to homeowners before inspections; maintain educational web site

Comments: N/A

Streambank Protection/Stabilization Guide	Clermont SWCD	Develop 1 streambank protection/stabilization guide for private property owners	Streambank erosion/stabilization	Clermont County riparian landowners	100	June 2022
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Summary of Planned Activities: Clermont SWCD will develop 1 streambank protection/stabilization guide for private property owners. The guide will be made available on SWCD's website, through the individual Clermont County MS4 permit partners, and distributed to landowners during field visits by SWCD staff.

Comments: N/A

Community Outreach Programs	Clermont SWCD, Clermont OEQ	Publish minimum of 4 newsletter articles, 12 social media posts, 1 educational message on utility bills, maintenance of web sites	Various Messages / Multiple Themes	Those who live or work in Clermont County	100	Year-round
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Summary of Planned Activities: Clermont SWCD will publish a minimum of 4 newsletter articles and post a minimum of 12 storm water related messages on its social media sites, and include 1 educational message on Clermont County water and sewer utility bills. Both SWCD and OEQ will maintain storm water-related pages on their respective web sites.

Comments: N/A

Water Quality	Clermont SWCD, Park District	1 educational canoe float	Water quality monitoring, macroinvertebrates as a water quality indicator	Clermont County residents	100	Late September 2022
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Summary of Planned Activities: One educational canoe float on the East Fork Little Miami River will be held during the Great Outdoor Weekend (pandemic and flow dependent).

Comments: N/A

Youth Storm Water Education Programs	Clermont SWCD	Conduct 20 school programs in 5 school districts	Teach about impacts of land use and storm water runoff on water quality and stream biota.	K-12 School Children, General Public	100	Year-round
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Summary of Planned Activities: Conduct 20 school programs that teach about the impacts of land use and storm water runoff on water quality and stream biota

Comments: N/A

Storm Water Management Field Day	Regional Storm Water Collaborative	1 Storm Water Management Field Day	Erosion and sediment control and post-construction BMPs	Development community, local government inspectors	100	September 22, 2022
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Summary of Planned Activities: The Regional Storm Water Collaborative is planning to host an Erosion & Sediment Control Field day for members of the development community and municipal storm water inspectors in SW Ohio on September 22. It is possible that the COVID pandemic may preclude the possibility of hosting the field day.

Comments: N/A

PUBLIC INVOLVEMENT AND PARTICIPATION

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate Of People Participated	Effective
Household Hazardous Waste Voucher Program	Clermont OEQ	Availability of year round disposal and recycling opportunities for household hazardous wastes	Proper disposal of hazardous waste materials, prevention of illicit discharges/illegal dumping	Clermont County residents	105	Yes

Summary of Results: Est. 2 lbs. of mercury collected by OEQ and given to Environmental Enterprises for proper disposal; 103 vouchers for disposal of various household hazardous waste items at Environmental Enterprises in Cincinnati.

Comments:

East Fork Watershed Cooperative	Clermont OEQ, Clermont SWCD	Quarterly meetings to development and implementation of yearly stream monitoring and sampling program	Water quality monitoring and sampling, illicit discharge detection, source water protection, harmful algal blooms, bioretention, TMDL development	Clermont Co Water Resources Dept, Clermont OEQ, Clermont SWCD, USEPA-ORD, US ACE, Ohio EPA, Ohio Department of Agriculture	30	Yes
<p>Summary of Results: Four meetings were held in 2021 (Feb 25, May 20, Sep 29 and Nov 18). The 9/29 meeting involved field visits to potential wetland treatment system sites. In between meetings, EFWCoop members stay in close contact via calls, emails and one-on-one meetings. EFWCoop meetings focused on coordinating sampling efforts in the EFLMR watershed and exploring causes/sources of HABs in Harsha Lake. Clermont SWCD received grant funds from several different sources to construct a nutrient removal wetland treatment system at the site of the old Williamsburg reservoir. Bids for construction were opened in December 2021. The EFWCoop also continues to exploring the feasibility of a watershed trading program in the upper East Fork watershed using unconventional trading partners, and green infrastructure research in the lower EFLMR watershed, among other projects.</p>						
Comments:						
Storm Water Management Plan Update	Clermont SWCD	Public comment period for the current SWMP	Update of the Clermont County Storm Water Management Plan	Residents/those doing business in Clermont County	0	Yes
<p>Summary of Results: On April 27, Clermont SWCD distributed a press release and posted on the county's web site that announced the opening of the public comment period on the County's current Storm Water Management Plan. The press release noted that the County would be working to update the SWMP by April 1, 2022 and is seeking feedback on how the existing programs can be improved. The press release resulted in an article in the Clermont Sun on April 29. The public comment period lasted through June 1, 2021. Unfortunately, no comments were received.</p>						
Comments:						
Antifreeze and Motor Oil Recycling Program	Clermont County Fleet Maintenance	Availability of year round disposal and recycling opportunities for automotive fluids	Proper disposal of automotive fluids, prevention of illicit discharges/illegal dumping	Clermont County residents	153	Yes
<p>Summary of Results: Fleet maintenance collected 600 gallons of used motor oil and 120 gallons of antifreeze from 70 residents.</p>						
Comments:						
Conservation Plant and Rain Barrel Sale	Clermont SWCD	Hold one conservation plant and rain barrel sale	Stream bank stabilization, benefits of native plants, rain barrels	Those living and working in Clermont County	130	Yes
<p>Summary of Results: Each year, Clermont SWCD hosts a conservation plant sale, where people can buy tree seedlings and native perennials as well as rain barrels for small areas of reforestation, streambank protection/stabilization, and for creating native plant areas that help improve infiltration and reduce the area of turf grass in addition to benefits for pollinator species. Clermont SWCD was able to successfully hold the plant sale despite the pandemic. A total of 130 customers purchased 2,441 plants and 14 rain barrels.</p>						
Comments:						
Spring Litter Cleanup	Clermont SWCD	Annual volunteer river bank and parks clean-up	Litter prevention, reduction of solids and floatables in local waterways; general awareness of East Fork as a natural resource	Residents and those doing business within Clermont County	100	Yes
<p>Summary of Results: 120 entries were submitted by K-12 students for the Summer Litter Cleanup logo design contest. The winning logo, designed by a student from New Richmond HS, was printed on reusable water bottles which were given to event volunteers.</p> <p>Because of the pandemic, the event was again held as a Do-it-Yourself event, where volunteers could choose a location of their own to clean-up. A special cleanup event was held for members of the Southern Ohio Association of Realtors, a regular sponsor of the event. Clean-up supplies were provided upon request, as were the water bottles with the event logo. Volunteers were asked to report the amount of litter collected and to submit photos of their cleanup. In total, about 165 volunteers participated, collecting 150 bags of trash along Clermont County streams and lakes.</p>						
Comments:						

Pierce Township Greenspace Committee	Pierce Township	Monthly meetings of Green Space Committee	Preserve land via acquisition, conservation easements, conservation development, covenants or other methods that has ecological significance, natural corridor potential, aesthetic or scenic value, or inherent traits that contribute to the positive character of the Township.	Pierce Township landowners	52	Yes
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Summary of Results: 52 people participated in 12 monthly meetings during 2021. Pierce Township has 209.79 acres of greenspace preserved.

Comments:

Municipal/Township Clean-up Days	Batavia Twp/Village, Goshen Twp, Miami Twp, Stonelick Twp./Owensville, Union Twp, Tate Twp, Williamsburg Twp	Offer residents no-cost opportunity to properly dispose of hard-to-get-rid-of items on an annual basis	Prevention of illegal dumping/illicit discharges	Residents of participating municipalities and townships	3000	Yes
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Summary of Results: Batavia Twp/Village - Batavia Township's contract with Republic Services provides year-round curbside pickup of large items and other items typically accepted at Clean-up Days. In addition, a Clean-up Days event was also held on June 26, with approximately 75 people bringing waste that filled 7 dumpsters.

Goshen Twp - Event held on June 5. Material filled 5 Rumpke rear load trucks, 6 40-yard roll offs and 5 30-yard metal recycle dumpsters. Number of participants unavailable. Partners included Rumpke, Phipps Auto Recycling, Goshen Lyons Club, Goshen Local Schools, Graffiti Screen-printing and Evans Funeral Home.

Miami Township - Held on September 17-18. 62.4 tons of trash collected in roll-off dumpsters, 115.7 tons of trash in packer trucks, 19,200 lbs of recyclable metal, 1,124 lbs of lead batteries for recycling, 180 gallons of waste oil collected.

Stonelick Twp/Owensville - Held on April 30 and May 1. 12. Approximately 82 tons of material were collected from 376 residents, plus 4 roll-off bins of recyclable 275 gallons of used motor oil.

Union Township - In 2020, Junk Days were held October 18th - 23rd. Items included 61 refrigerators, with 14 garbage trucks, and 29-30 yard dumpsters filled with furniture, clothes, bicycles, electronic equipment, and lawn equipment. Spring Junk Days were cancelled due to the pandemic.

Tate Twp - Cleanup Days held on June 11-12. Collected 110.77 tons of waste, including 21.31 tons of metal and 2,149 lbs of misc. recyclables, using 5 30-cu. yd. roll-off dumpsters and 10 compactor trucks. Also collected 228 tires. Number of participants unknown.

Williamsburg Twp/Village - Held on June 10-22. Collected approximately 86 tons of material. An estimated 250 people participated.

Comments:

Rain Barrel Art Event	Regional Storm Water Collaborative	Once annually, offer 40 rain barrels to local artists for painting; display and auction barrels at Cincinnati Zoo	Promote the use of rain barrels throughout the Ohio River Valley through a creative and educational medium	Greater Cincinnati artists of all levels	134	Yes
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Summary of Results: 69 individuals and 65 individuals and businesses submitted artwork to participate in the 2021 project. 40 designs were selected and 40 rain barrels were painted by local artists. 49 people participated in the rain barrel painting workshop held on February 4. Results from the display/auction at the Cincinnati Zoo are presented under the Public Education section of this report.

Comments:

Ohio River Sweep	Clermont OEQ, Clermont County Park District	Annual clean-up of Ohio River shores on the 3rd Saturday in June	Litter prevention, reduction of solids and floatables, general awareness of Ohio River as a natural resource	Residents and those doing business within Clermont County	36	Yes
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Summary of Results: Due to the pandemic, there were only two public cleanup sites along the Ohio River in Clermont County this year. At these sites, 36 volunteers cleaned 50 bags of trash, 12 tires and other miscellaneous items from the banks of the Ohio River. An estimated 100 bags of trash were also collected by people doing individual "mini-Sweeps" which were promoted as an alternative.

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
Public Comment on SWMP Revisions	Clermont SWCD	30-day public comment period on Storm Water Management Plan revisions	Opportunity for public input on SWMP revision	Those living in doing business in Clermont County	5	Feb-Mar 2022

Summary of Planned Activities: Prior to final approval of the revised Storm Water Management Plan, Clermont County will publish a final draft for public comment. The public comment period will last at least 30 days.

Comments:

Public Hearings for WMSC Revisions	Clermont County Commissioners, Clermont County Building Department, Clermont SWCD	Conduct two public hearings on proposed revisions to WMSC regulations	Provide opportunity for public input on proposed WMSC revisions	Those living and doing business in Clermont County	25	April 2022
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Summary of Planned Activities: The Board of County Commissioners will hold two public hearings on proposed revisions to the Water Management & Sediment Control regulations prior to final adoption.

Comments:

Master Rain Gardener Program	Clermont SWCD, Regional Storm Water Collaborative	Host first class of Master Rain Gardener program; goal of 25 students	Rain gardens	Private property owners	25	1st quarter 2022
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Summary of Planned Activities: The Regional Storm Water Collaborative will host its first class of the newly created Master Rain Gardener program. The class will be open to 25 participants. Each will be required to build a new rain garden or volunteer to maintain/rehab an existing rain garden for one year.

Comments:

Volunteer Litter Cleanups	Clermont SWCD, Clermont OEQ, Park District, MS4 Townships and Municipalities	1 Spring Litter Cleanup, 1 Ohio River Sweep	Litter prevention, reduction of solids and floatables, general awareness of Ohio River as a natural resource	Residents and those doing business within Clermont County	1000	Spring Litter Cleanup - April 23, 2022; Ohio River Sweep - June 18, 2022
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Summary of Planned Activities: The annual Spring Litter Cleanup will be held along the East Fork Little Miami River and in public parks in April 2022. The Ohio River Sweep will be held on the 3rd Saturday in June.

Comments:						
Antifreeze and Motor Oil Recycling Program	Clermont County Fleet Maintenance	Availability of year round disposal and recycling opportunities for automotive fluids	Proper disposal of automotive fluids, prevention of illicit discharges/illegal dumping	Clermont County residents	50	Year round
Summary of Planned Activities: Clermont County Fleet Maintenance will continue to accept used motor oil, antifreeze, other automotive fluids and used cooking oil from Clermont County residents. Antifreeze will be recycled and oil collected will be used in the oil burning furnace to heat the fleet garage.						
Comments:						
Municipal/Township Clean-up Days	Goshen Twp, Miami Twp, Stonelick Twp./Owensville, Union Twp, Tate Township, Williamsburg Twp/Village	Offer residents no-cost opportunity to properly dispose of hard-to-get-rid-of items on an annual basis.	Prevention of illegal dumping/illicit discharges	Residents of participating municipalities and townships	3000	Schedules vary by community, but generally range from May through September.
Summary of Planned Activities: Several townships and villages will host Junk Days or Cleanup Days for their residents, which offers them a no cost opportunity to properly dispose of hard-to-get-rid-of items. These collection days help to reduce illegal dumping and illicit discharges.						
Comments:						
East Fork Watershed Cooperative meetings	Clermont OEQ, Clermont SWCD	Quarterly meetings; development and implementation of yearly stream monitoring and sampling program	Water quality monitoring and sampling, illicit discharge detection, source water protection, harmful algal blooms, bioretention, TMDL development	Clermont Co Water Resources Dept, Clermont and Brown SWCDs, USEPA-ORD, US ACE, UDSA-NRCS, USGS, Ohio EPA, Univ. of Cincinnati	25	Quarterly meetings. Monitoring and modeling work year round.
Summary of Planned Activities: Four quarterly meetings of the Cooperative, year round implementation of monitoring and modeling efforts.						
Comments:						
Pierce Township Greenspace Committee	Pierce Township	Monthly meetings of Green Space Committee	Preserve land via acquisition, conservation easements, conservation development, covenants or other methods that has ecological significance, natural corridor potential, aesthetic or scenic value, or inherent traits that contribute to the positive character of the Township.	Pierce Township landowners	25	Monthly
Summary of Planned Activities: Monthly meetings of Green Space Committee						
Comments:						

Household Hazardous Waste Voucher Program	Clermont OEQ	Availability of year round disposal and recycling opportunities for household hazardous wastes	Proper disposal of hazardous waste materials, prevention of illicit discharges/illegal dumping	Clermont County residents	60	Year round
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Summary of Planned Activities: Clermont OEQ will offer vouchers to Clermont County residents that will allow them to properly dispose of certain household hazardous wastes at Environmental Enterprises in Cincinnati

Comments:

Rain Barrel Art Event	Regional Storm Water Collaborative	Once annually, offer 40 rain barrels to local artists for painting; display and auction barrels at Cincinnati Zoo	Promote the use of rain barrels throughout the Ohio River Valley through a creative and educational medium	Greater Cincinnati artists of all levels	125	January through April 2022
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Summary of Planned Activities: Area artists of all ages and skill levels will be invited to submit designs for the annual Rain Barrel Art Contest. The artists with the 40 best designs will be provided a rain barrel on which to create their design. The barrels will be displayed at the Cincinnati Zoo through the month of April and will be sold via an online auction toward the end of the month.

Comments:

ILLICIT 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	Clermont SWCD	Enforce illicit discharge regulations	Yes	Section 8 of Clermont County Water Management & Sediment Control Regulations, http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/	Yes

Summary of Results or Activities: Rules and Regulations Regarding Illicit Discharges and Illegal Connections to the Separate Storm Sewer System are established as Article 8.0 of the WMSC regulations. At the time of this report, draft revisions have been completed, and the County is working to schedule two public hearings. It is expected that the Board of County Commissioners will hold the public hearings and adopt changes to the regulations in April 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
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Storm Sewer System Map	Clermont SWCD	Develop and maintain comprehensive map of storm water conveyance system serving Clermont County	Yes	A GIS geodatabase has been completed for the entire county (both urban and rural areas) that includes location information for storm sewers, ditch lines, catch basins, manholes, inlets, outlets and BMPs, as well as attribute information for each structure (such as size, material and condition). Updates to the database were made throughout 2021 as system upgrades were made and new systems installed. As of the end of 2021, the MS4 (both public and private, countywide) had 33,694 segments of pipe (544.9 miles), along with 25,190 catch basins, 2,672 inlets (excluding simple culverts), 5,642 outfalls, 6,108 culverts, 5,385 manholes, and 999 BMPs. Data and metadata for the Clermont County Storm Water Inventory, water bodies, and watersheds can be downloaded at http://www.clermontswcd.org/storm-sewer-inventory-data-and-metadata/	Yes
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Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
HSTS Mapping and List	Clermont County Public Health	Develop inventory, including location and parcel ID, for discharging and non-discharging HSTSs in Clermont County	Yes	Clermont County Public Health tracks both discharging and non-discharging septic systems through its Operation Permit Assessment (OPA) database. Maps showing locations of both discharging and non-discharging systems have been developed for the various watersheds within the Phase II urbanized area. A total of 21,935 HSTSs have been identified throughout Clermont County. Clermont County Public Health offers an online search tool that allow users to research data from Septic System Operation Permit and Loan Inspection results at https://ccphohio.org/septic-system-operation-permits/septic-system-search/ .	Yes

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
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<p>IDDE Plan</p>	<p>Clermont SWCD, Clermont County Public Health, County Engineer's Office, Townships & Municipalities</p>	<p>Develop and institute an illicit discharge detection and elimination plan.</p>	<p>Yes</p>	<p>Clermont SWCD has assumed responsibility for dry weather screening of all public outfalls (i.e., those outfalls within the public road right-of-way or on publicly owned property). A watershed by watershed schedule has been developed where outfalls in a particular watershed are screened along with inspections of post-construction BMPs. Clermont SWCD has also developed a list of both public and private outfalls that have been determined to have a high potential for illicit discharges which are screened during dry weather at least once a year.</p> <p>The Industrial Pretreatment Program Coordinator for the County's Water Resource Department looks for indications of illicit discharges during annual Significant Industrial User facility inspections and drive by inspections. If an illicit discharge is noted, the Coordinator either works directly with the responsible party to eliminate the discharge, or notifies Clermont SWCD, which conducts follow-up inspections and enforcement.</p> <p>Clermont County Public Health (CCPH) is responsible for addressing problems with discharging HSTs. They inspect HSTs with electrical components once every 19 months and those without once every 38 months. In general, a time limit of 30 days is given to correct any violations found; however, CCPH will accommodate various time frames given the seriousness of the nuisance or violation, the level of cooperation of the homeowner, the time of year, or the cost of the repair. This is done on a case-by-case basis. For homeowners who lack the ability to pay for a complete system replacement, Public Health has developed the Sewage Nuisance Abatement and Remediation Plan which allows homeowners to make gradual improvements to their systems.</p>	<p>Yes</p>
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Public Health inspectors also look for signs of illicit discharges at and around solid waste and grease dumpsters outside of restaurants and other food establishments. Level 1 and 2 operations (primarily those that deal with pre-packaged foods) are investigated on an annual basis, while Level 3 and 4 operations, including those that generate oil and grease wastes, are inspected twice a year. CCPH is responsible for enforcing violations related to restaurant operations and waste disposal. If material is found to have entered the MS4, CCPH investigators will inform Clermont SWCD of the illicit discharge.

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	Clermont SWCD, Clermont County Public Health, County Engineer's Office, Townships & Municipalities	Screen a minimum of 250 outfalls annually.	Yes	5642	137	13	7	6	Yes

Comments: In 2021, Clermont SWCD staff screened 119 outfalls and high risk locations, including 39 industrial sites and other sites on the County's annual inspection list, 70 storm water basin outlets, and 10 as the result of complaints. Clermont County Water Resources Department conducted 18 additional inspections during regularly scheduled visits to industries holding industrial waste pre-treatment permits. During these inspections, 7 incidents of spills or illicit discharges were identified. All but one of these were eliminated in 2021. On November 9, Miami Township and Clermont SWCD identified an illicit discharge of washwater coming from a Mike's Car Wash on Montclair Blvd. At the end of December, Clermont SWCD was working with Ohio EPA, the County's Water Resources Department and Building Department, and representatives from Mike's Car Wash to resolve the matter. A report documenting the investigations and actions taken for each complaint is attached.

Upload File Name for the Illicit Discharges: 2021 dry weather overflow investigations.pdf

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Planned Activities	Comments	Effective
HSTS Inspections	Clermont County Public Health	Inspect individual/commercial HSTSs with electrical components once every 19 months and those without electrical components once every 38 months.	Yes	Clermont County Public Health inspected 6,597 home sewage treatment systems throughout Clermont County in 2021. Inspection results for all HSTSs are now available on line. Anyone interested in viewing an inspection report for a particular system can visit https://ccphohio.org/septic-system-operation-permits/septic-system-search/ and enter the address of the property.		Yes

Septic System Rehabilitation - Community Development Block Grant (CDBG) Program	Clermont County Public Health	Track # of CDBG applications for septic system rehabilitation and number of rehabilitation projects completed	Yes	This program utilizes CDBG funds to assist homeowners with repairs on malfunctioning septic systems and to replace systems that are beyond repair. The program can also assist homeowners in connecting to accessible public sewer systems. Each qualifying homeowner can receive up to \$14,000 toward the cost of HSTS repair or replacement, or toward connecting to public sewer. In 2021, 31 CDBG applications were received and 9 systems were either replaced or pending by the end of the year.		Yes
HSTS Remediation Program	Clermont County Public Health	Track # of people enrolled in the Remediation Program, including those moving toward full system replacement.	Yes	The Remediation Program provides homeowners with an opportunity to gradually make improvements to their system and possibly avoid or delay a full replacement of the septic system, as long as the plan abates the sewage nuisance. For details, visit https://ccphohio.org/septic-systems/snarp/ . In 2021, the Health District received 30 separate applications. A total of 24 remediation projects were completed.		Yes

Stream Monitoring and Sampling Program	Clermont OEQ, Clermont SWCD	Conduct annual stream monitoring and sampling program	Yes	The 2021 stream monitoring and sampling program conducted by the Clermont OEQ and SWCD involved continuous physical parameter monitoring (temp, pH, conductivity, and ORP or turbidity) at four long term monitoring stations. Monitoring of organic compounds, stage, discharge, temperature, and conductivity was completed in Pleasant Run, upstream and downstream of CECOS. Seven wet weather events were sampled at two edge-of-field monitoring stations to determine nutrient loads from farm field with BMPs. Additional monitoring and sampling was conducted by the US EPA Office of Research & Development and U.S. Army Corps of Engineers as part of the joint program being conducted by the East Fork Watershed Cooperative. Clermont County is a Level 3 Quality Data Collector. All data collected are being submitted to Ohio EPA through its Volunteer Monitoring Program.		Yes
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ILLCIT 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
HSTS Remediation Program	Clermont County Public Health	Track # of people enrolled in Remediation Program, including those moving toward full system replacement.	Public Health will continue to offer the Remediation Program which allows homeowners an opportunity to gradually make improvements to their systems and possibly avoid or delay a full replacement of the septic systems, as long as the plan abates the sewage nuisance.	Year-round

Comments:

Illicit Inspections at Restaurants	Clermont County Public Health	Inspect all restaurants in county for possible oil and grease discharges	During inspections of restaurants and other food establishments, Clermont County Public Health inspectors will look for signs of illicit discharges at and around solid waste and grease dumpsters outside of the facility.	Level 1 and 2 operations (primarily those that deal with pre-packaged foods) will be investigated on an annual basis, while Level 3 and 4 operations will be inspected twice a year.
Comments:				
Industrial Site Inspections	Clermont County Water Resources Department	Annual inspections of each Significant Industrial User	The Water Resources Department's IWPT Coordinator will conduct annual inspections of each Significant Industrial User connected to the County's sanitary sewer system. The IWPT Coordinator will look for signs of illicit discharges during these inspections.	Generally from January to July
Comments:				
Storm Sewer and HSTS Mapping	Clermont SWCD, Clermont OEQ, Clermont Public Health	Update maps within 6 months of new improvements	Clermont SWCD and OEQ will continue to maintain the existing GIS geodatabase of the separate storm sewer system throughout Clermont County. Existing maps will be kept up to date by adding new systems installed as the result of new developments or road improvements. Clermont County Public Health will continue to maintain and update its HSTS database.	Year-round
Comments:				
HSTS Inspections	Clermont County Public Health	Inspect individual/commercial HSTSs with electrical components once every 19 months and those without electrical components once every 38 months.	Public Health will continue to inspect individual/commercial HSTSs with electrical components once every 19 months and those without electrical components once every 38 months.	Year-round
Comments:				
Update and enforce illicit discharge regulations	Clermont SWCD, Milford	Eliminate discharges as they occur	As part of the overall revisions to the Water Management & Sediment Control regulations, Clermont County will update its regulations on illicit discharges. Clermont SWCD will continue its efforts to detect illicit discharges through its screening and stream monitoring program, and will work with the responsible parties to eliminate them as they are found.	Regulation revisions in April 2022, inspections and enforcement year round
Comments:				
Dry Weather Screening	Clermont SWCD	Screen a minimum of 250 public outfalls, including all those on the annual inspection list.	Clermont SWCD will continue to inspect public outfalls for signs of illicit discharge. In 2022, SWCD will screen a minimum 250 outfalls during dry weather.	Screening efforts will take place year round during dry weather conditions.
Comments:				

Stream Monitoring and Sampling	Clermont OEQ, Clermont SWCD	Stream and lake sampling within the East Fork Little Miami River watershed	Clermont OEQ and SWCD will continue to coordinate monitoring and sampling efforts with other members of the East Fork Watershed Cooperative. Possible changes from the 2021 monitoring program will be discussed and made in early 2022.	Year-round
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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	Clermont County Building Inspection Department	Revise sediment and erosion control regulations; continue enforcement of existing regulations until revision completed	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/WMSCRegulations.aspx	Yes

Summary of Results or Activities: In 2021, Clermont County drafted revisions to the WMSC regulations and presented them to a public advisory in December for review and comment (see Public Involvement section for more detail). At the time of this report, the comments of the advisory committee have been addressed and a final draft of the revised regulations has been completed and published for public comment. It is anticipated that the Board of County Commissioners will adopt the regulations in April 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Standards Being Used	Effective
Sediment and Erosion Control Requirements	Clermont County Building Inspection Department	Established sediment and erosion control regulations	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, https://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/	Yes

Summary of Results or Activities: The County's sediment and erosion control requirements are contained in the Water Management & Sediment Control (WMSC) Regulations, primarily within Article 6. In 2021, Clermont County drafted revisions to the regulations and presented them to a public advisory in December for review and comment (see Public Involvement section for more detail). At the time of this report, the comments of the advisory committee have been addressed and a final draft of the revised regulations has been completed and published for public comment. It is anticipated that the Board of County Commissioners will adopt the regulations in April 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Number of Complaints Received	Number of Complaints Followed Up On	Effective
Complaint Process	Clermont County Building Inspection Department, Milford	Achieve 50% resolution of valid complaints	Yes	28	28	Yes

Summary of Results or Activities: Of the 27 complaints received, the Clermont County Building Department resolved 18 (67% of the complaints) as of the end of 2021. Milford received one complaint at 777 Garfield Avenue on 8/6/21. Corrective actions were made to BMPs and the site was brought into compliance.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Sites Requiring Plans	# of Plans Reviewed	Effective
Site Plan Review Procedures	Clermont County Building Inspection Department, Milford	Established site plan review and approval procedures	Yes	588	588	Yes

Summary of Results or Activities: Clermont County conducted 584 plan reviews; Milford conducted 4 (777 Garfield -South Milford Residential Development; 841 Riverside Drive, renewal, minimal activity noted on site; 816 US 50 - WMSC plans reviewed, no permit issued in 2021, issued 2022; 5 Water Street, WMSC plans reviewed, no permit issued in 2021, issued 2022). Details of plan requirements are provided in WMSC Regulations. Specific review procedures are contained in the March 2022 Storm Water Management Plan.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites	# of Sites Inspected	Average Frequency	Effective
Site Inspection Procedures	Clermont County Building Inspection Department, Milford	Established site inspection procedures	Yes	1703	3991	0.2	Yes

Summary of Results or Activities: Clermont County conducted 3,969 inspections at 1,697 sites, while Milford conducted 22 inspections at 6 sites (777 Garfield - 12 inspections; 951 Chamber - 1 Inspection, final construction of detention basin; 841 Riverside Drive - 1 inspection; 410 Chamber Drive - 2 inspections; 308 High Street - 4 inspections; 310 Mill Street - 2 inspections). The average number of inspections per site was 2.3. The average frequency listed above was calculated by dividing the average # of inspections per site by 12 months; however, the actual frequency is much higher, as not all sites were under construction for a full 12 months.

Comments:

Upload File Name(s) for Applicable Sites: 2021-WMSCInspectionActivity.pdf

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Violation Letters	# of Enforcement Actions	Effective
Enforcement Procedures	Clermont County Building Inspection Department, Milford	Established procedures for enforcing violations of WMSC Regulations	Yes	385	0	Yes

Summary of Results or Activities: For purposes of this annual report, conditional occupancy certificates are considered to be violation letters, and stop work orders are considered to be enforcement actions. In 2021, the Clermont County Building Department issued 384 conditional occupancy certificates; 186 of these have been resolved. No stop work orders were issued. Milford had 1 violation for work conducted at 777 Garfield (enforcement action dated 7/1/2021, prior to WMSC permit issuance).

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Measurements	Effective
Storm Water Management Field Day	Clermont SWCD, Regional Storm Water Collaborative	Host 1 storm water management field day for members of the development community	Yes	No. of field days (1), No. of participants	Yes

Summary of Activities or Updates: The Regional Storm Water Collaborative hosted the annual Storm Water Management Field Day on September 23. The event included a field demonstration of BMPs and an update given by John Mathews (Ohio EPA) on Ohio storm water permits. 88 people attended.

Comments:

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
Enforce WMSC Violations	Clermont County Building Inspection Department, Milford	Achieve compliance with regulations at all construction sites.	If violations are not corrected after verbal notification, the Building Department may use Stop Work Orders, withholding a Certificate of Occupancy, or permit revocation. Milford may issue written notifications with time periods for compliance, stop work orders or citations.	Year-round

Comments:

Update Water Management & Sediment Control (WMSC) Regulations	Clermont County Building Inspection Department, Clermont SWCD	Identify areas where existing WMSC regulations are not consistent with the updated Ohio EPA Construction General Permit	Clermont County began the process of updating the WMSC regulations in 2021 as required by the MS4 permit. Draft revisions were completed and reviewed by a public advisory committee. In 2022, comments received by the advisory committee will be addressed and a final draft completed. The Board of County Commissioners will hold two public hearings before final adoption of the revised regulations.	January - April 2022
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Comments:

Storm Water Management Field Day	Clermont SWCD, Regional Storm Water Collaborative	Host 1 erosion & sediment control field day for members of the development community	The Regional Storm Water Collaborative is planning to host a Storm Water Management Field Day, which will include presentation and discussion of erosion and sediment control BMPs, for members of the development community and municipal storm water inspectors in SW Ohio in the fall.	September 2022
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Comments:

Plan Review	Clermont County Building Inspection Department, Milford	Review sediment and erosion control plans for all construction activities disturbing 1 or more acre	Both Clermont County and Milford will follow the plan review process described in the Clermont County Storm Water Management Plan (March 2022)	Year-round
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Comments:

Inspect Construction Sites Disturbing 1 Acre or More	Clermont County Building Inspection Department, Milford	Inspect installation of BMPs prior to construction, conditions of BMPs during construction, and conduct final inspection after construction to ensure site stabilization	Inspect installation of BMPs prior to construction, conditions of BMPs during construction, and conduct final inspection after construction to ensure site stabilization	Year round
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Comments:

Plan Review and Inspection Checklists	Clermont County Building Department, Clermont SWCD	Revise checklists currently used for reviewing SWPPPs and inspecting construction sites	Clermont County Building Department and Clermont SWCD will work together to update checklists currently used for reviewing SWPPPs and inspecting construction sites	1st quarter 2022
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Comments:

Respond to Erosion and Sediment Runoff Complaints	Clermont County Building Inspection Department, Milford	Achieve 50% resolution of valid complaints	The Building Department will continue to respond to complaints submitted by Clermont County residents, generally within two business days of receiving the complaint, and work to address an valid issues found during inspection.	Year-round
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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	Clermont County Building Inspection Department	Revise regulations for post-construction storm water management; enforce current regulations until revisions are complete	Yes	Clermont County Water Management and Sediment Control (WMSC) Regulations, http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/	Yes

Summary of Results or Activities: In 2021, Clermont County drafted revisions to the WMSC regulations and presented them to a public advisory in December for review and comment (see Public Involvement section for more detail). At the time of this report, the comments of the advisory committee have been addressed and a final draft of the revised regulations has been completed and published for public comment. It is anticipated that the Board of County Commissioners will adopt the regulations in April 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Structural and/or Non-Structural Standards Being Used	Effective
Post-Construction Requirements	Clermont County Building Inspection Department	Established requirements for post-construction BMPs	Yes	The County's WMSC regulations contain requirements for the following BMPs: infiltration basin, enhanced water quality swale, dry and wet extended detention basins, constructed wetlands, sand and other media filtration practices, bioretention cells, pocket wetlands and vegetated filter strips. The regulations encourage vegetative buffers of 25 feet.	Yes

Summary of Results or Activities: The County's post-construction storm water management requirements are contained in the Water Management & Sediment Control (WMSC) Regulations, primarily within Article 5. In 2021, Clermont County drafted revisions to the regulations and presented them to a public advisory in December for review and comment (see Public Involvement section for more detail). At the time of this report, the comments of the advisory committee have been addressed and a final draft of the revised regulations has been completed and published for public comment. It is anticipated that the Board of County Commissioners will adopt the regulations in April 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites Requiring Plans	# of Plans Reviewed	Effective
Site Plan Review Procedures	Clermont County Building Inspection Department, Milford	Established site plan review procedures for developments requiring post-construction BMPs	Yes	46	46	Yes

Summary of Results or Activities: Plans reviewed to ensure BMPs are designed in compliance with County's WMSC Regulations. The County Building Department reviewed plans for 43 developments requiring post-construction BMPs. Milford reviewed 3 plans requiring BMPs, including plans for projects at 777 Garfield Ave, 308 High Street and 951 Chamber Drive.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Applicable Sites	# of Inspections Performed	Average Frequency	Effective
Site Inspection Procedures	Clermont County Building Dept., Clermont County Engineer's Office, Clermont SWCD, Milford	Established inspection procedures for post-construction BMPs during construction and after completion of construction	Yes	158	109	0.08	Yes

Summary of Results or Activities: The Building Department inspected 1 BMP upon completion of construction of new developments; this failed inspection. All required corrections have been made. Milford inspected two basins upon completion of construction. No violations were noted.

The County Engineer's Office annually inspects and maintains 29 basins in 25 subdivisions under the public watercourse (ditch petition) program. The Engineer's Office also maintains storm sewer infrastructure for four subdivisions that have created storm water management utilities. This includes 2 detention basins in Harvest Ridge and 3 basins (2 detention, 1 retention) in Prestwick Place). The Engineer's office does not maintain any BMPs in the other two districts (Orchard Valley and Miami Trails). As of December 2021, the 3 district basins are still maintained by the developer (Prestwick Farms) until final inspections are completed and the bonds are released in 2022. Maintenance activities for all basins include mowing, seeding bare areas, cleaning silt/debris from inlet/outlet structures and basin bottom, maintaining rip rap at outlet, cutting trees around headwalls and on dam, and conducting necessary repairs. In 2021, Fiscus Excavating was hired to extend 20 feet of 12-inch storm sewer, re-set the headwall and install 100 tons of rip rap due to undercutting of the headwall at 877 Miamiridge Drive. Mullins Maintenance was hired to insert a 24" x 20' double wall "sanitite" pipe inside a 30-inch corrugated metal pipe at 825 Miamiridge Drive due to bottom deterioration of the metal pipe.

Three storm water basins that were formerly maintained by the Village of Amelia (Shank Park, Deercreek Drive and Eastridge Lane) are now maintained by Pierce Township since the village dissolved at the end of 2019.

Under an agreement with the Board of County Commissioners, Clermont SWCD conducts post-construction inspections of all BMPs except those that are inspected and maintained by the County Engineer's office under the public watercourse or storm water district programs, and those within the City of Milford. Clermont SWCD has established an inspection schedule based on watersheds, with the intent of inspecting all BMPs at least once during a permit cycle. If issues are seen that need corrective action, SWCD sends a notice to the post-construction owner detailing the work that is needed. In 2021, SWCD staff inspected 69 BMPs

In Milford, 35 property owners receive utility fee credit for 60 post-construction BMPs, including 20 detention basins, 16 grass channel/filter strips, 9 water quality ponds, 5 dry wells, 2 infiltration basins and 8 forested buffer strips. Milford was able to inspect only 2 of these in 2021.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	# of Violation Letters	# of Enforcement Actions	Effective
Enforcement Procedures	Clermont County Building Inspection Department, Milford	Establish enforcement procedures for ensuring post-construction BMPs are built according to specifications	Yes	1	0	Yes

Summary of Results or Activities: The Building Department noted 1 violations during inspections of BMPs constructed in 2021. The violation was corrected. Milford did not record any violations.

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	Clermont County Engineer's Office, Amelia, Milford	# of long-term O&M plans and agreements for maintenance of private BMPs under Ohio "ditch petition" laws	Yes	93	93	Yes

Summary of Results or Activities: Public Watercourse agreements established with 25 subdivisions for Clermont Engineer's Office to maintain 29 storm water basins. Storm water districts have also been created in 4 subdivisions (Orchard Valley, Miami Trails, Harvest Ridge and Prestwick Place), under which the Engineer's Office maintains all storm sewer infrastructure outside the public road right-of-way, including five storm water management basins.

Pierce Township maintains three detention basins - one at Shank Park, one on Deercreek Drive and one on Eastridge Lane. These were visually inspected and mowed monthly at a minimum.

In Milford, 35 applicants received utility fee credit for 60 post-construction BMPs, including 20 detention basins, 16 grass channel/filter strips, 9 water quality ponds, 5 dry wells, 2 infiltration basins and 8 forested buffer strips.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Measurement 1	Measurement 2	Effective
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Batavia Main Street Rain Garden Planters	Batavia Village	Maintenance of 52 bioretention/rain garden planters along Main Street, 2nd Street and 4th Street	Yes	52 rain garden planter inspections	N/A	Yes
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Summary of Activities or Updates: In 2014, the Village of Batavia completed construction of major improvements to Main Street and portions of 2nd and 4th Streets. As part of the overall improvements, Batavia installed 52 curb-cut rain gardens that help treat street runoff prior to discharge to the East Fork Little Miami River. General maintenance (weeding, trash removal) was performed on all bioretention cells in 2021.

Comments:

Detention Basin Maintenance Manual	Clermont SWCD	Print 100 copies of detention basin manual	Yes	100 copies printed	N/A	Yes
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Summary of Activities or Updates: After distributing all copies of "Maintaining Your Detention Basin: A Guidebook for Private Owners in Clermont County," Clermont SWCD completed a second printing of 100 copies of the manual in 2021.

Comments:

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
Inspection of Private BMPs Having no Public Maintenance Agreements	Clermont SWCD	Inspect approximately 200 privately-owned BMPs	Under an agreement with the County Commissioners, Clermont SWCD will continue to conduct inspections of privately-owned post-construction BMPs to help ensure that they are properly maintained. The goal of this program is to inspect each BMP once over the five year permit cycle.	Year-round

Comments:

Inspect Private BMPs with Long-term Agreements	Clermont County Engineer's Office, Milford	Conduct annual inspections of all privately-owned post-construction BMPs that are publicly maintained or receive utility credits	The County Engineer's Office will conduct annual inspections of all detention basins and other structures that it maintains under the public watercourse program or within an established storm water management district. Milford will conduct annual inspections of any BMP which receives a credit under the city's storm water utility (currently 61 BMPs)	Primarily Spring through Fall 2022
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Comments:

Plan Review	Clermont Building Department, Engineer's Office, Planning Dept, SWCD; City of Milford	Review post-construction storm water management plans for all construction activities disturbing 1 or more acre	Both Clermont County and Milford will follow the plan review process described in the Clermont County Storm Water Management Plan (March 2022)	Year-round
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Comments:

Plan Review and Inspection Checklists	Clermont County Building Department, Clermont SWCD	Revise checklists currently used for reviewing SWPPPs and inspecting post-construction BMPs	Clermont County Building Department and Clermont SWCD will work together to update checklists currently used for reviewing SWPPPs and inspecting post-construction BMPs	1st quarter 2022
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Comments:

Update Water Management & Sediment Control (WMSC) Regulations	Clermont County Building Inspection Department, MS4 Municipalities	Identify areas where existing WMSC regulations are not consistent with the updated Ohio EPA Construction General Permit	Clermont County began the process of updating the WMSC regulations in 2021 as required by the MS4 permit. Draft revisions were completed and reviewed by a public advisory committee. In 2022, comments received by the advisory committee will be addressed and a final draft completed. The Board of County Commissioners will hold two public hearings before final adoption of the revised regulations.	Jan-Apr 2022
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Comments:

Inspect Post-Construction BMPs Upon Completion	Clermont County Building Inspection Department	Inspect all post-construction BMPs upon completion of construction	The Building Department will continue to inspect all post-construction BMPs upon completion of construction to ensure that they are built according to approved plans.	Year-round
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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
Employee Training Program 6	Ohio Township	Participate in training webinar on sediment settling ponds	Yes	Design of sediment settling ponds	Service Department	1	Yes

Summary of Activity: The director of Ohio Township's Service Department participated in WMAO's online webinar titled "Designing Active Construction Sediment Settling Ponds" on February 23

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 5	Milford	View training video on road salt reduction	Yes	Road salt reuction	Public Works Department	1	Yes

Summary of Activity: One Milford department head viewed the online video "The Road Map to Road Salt Reduction: Success Stories from Lake George."

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 7	Clermont SWCD	Attend conferences held by the Environmental Education Council of Ohio	Yes	Environmental education	SWCD Education Coordinator	1	Yes

Summary of Activity: From January 29-30, the Clermont SWCD Education Coordinator attended the Environmental Education Council of Ohio's (EECO) winter conference. From April 15-18, the SWCD Education Coordinator also attended EECO's annual conference

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 8	Clermont OEQ	Attend training session on SWPPP development	Yes	SWPPP development	OEQ	1	Yes

Summary of Activity: On February 11, the OEQ Program Manager attended a webinar held by Ohio EPA titled "Preparing a Storm Water Pollution Prevention Plan."

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 9	Clermont SWCD	Attend presentation on stream mitigation banking	Yes	Stream mitigation banking	Clermont SWCD	1	Yes

Summary of Activity: On April 4, the Clermont SWCD administrator attended a meeting of the Regional Watershed Network where a representative from SD#1 of Northern Kentucky gave a presentation titled "Storm Water Projects for Stream Mitigation Credits in Northern Kentucky."

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 11	Clermont SWCD	Attend training session on invasive species management along streambanks	Yes	Invasive species management along streambanks	Clermont SWCD	1	Yes

Summary of Activity: On October 20, the SWCD Administrator attended a WMAO webinar titled "The Why and How of Honeysuckle Removal Along Waterways."

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 12	Clermont SWCD	Attend "Train the Trainers" workshop for Master Rain Gardeners program	Yes	"Train the Trainers" workshop for Master Rain Gardeners program	Clermont SWCD	1	Yes

Summary of Activity: The Clermont SWCD Education Coordinator attended a "Train the Trainers" workshop hosted by Washtenaw County (MI) for the new SW Ohio Master Rain Gardeners program.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 2	Batavia Township, Ohio Township	MS4/SWMP overview training	Yes	MS4 permit and SWMP responsibilities	Batavia Township, Ohio Township	6	Yes

Summary of Activity: On May 10, the Clermont SWCD administrator presented information to the Ohio Township Board of Trustees on the township's responsibilities under the MS4 permit and the County's Storm Water Management Plan. On May 13, the SWCD Director met with the outgoing and incoming directors of Batavia Township's Service Department to review the township's responsibilities under the MS4 permit and the Storm Water Management Plan.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
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Employee Training Program 10	Clermont SWCD, Clermont OEQ	Attend the annual Ohio Stormwater Conference	Yes	Storm water BMPs, stream restoration, watershed and land management issues	Storm water management professionals	1	Yes
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Summary of Activity: From May 20-21, the SWCD Administrator attended the annual Ohio Storm Water Conference, held virtually in 2021 due to the pandemic. The conference included multiple sessions on BMPs, stream restoration, storm water management, watershed and land use issues.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Storm Water Management Field Day	Clermont SWCD, Miami Township, Pierce Township	Attend the annual Storm Water Management Field Day	Yes	Construction and post-construction storm water BMPs	MS4s, development community	4	Yes

Summary of Activity: The Clermont SWCD administrator, two employees from Pierce Township's public works department and the director of Miami Township's service department attended the Storm Water Management Field Day hosted by the Regional Storm Water Collaborative on September 23.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 4	Clermont SWCD, Milford	Attend a concrete washout training webinar	Yes	Concrete washout BMPs	MS4's contractors	2	Yes

Summary of Activity: The Clermont SWCD administrator and the storm water consultant for the City of Milford attended a concrete washout webinar hosted by the Regional Storm Water Collaborative on April 15

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 1	Clermont SWCD, Clermont Engineer's Office, OEQ, Batavia Twp, Batavia V, Goshen Twp, Miami Twp, Pierce Twp, Stonelick Twp, Union Twp	One pollution prevention workshop for Clermont MS4 co-permittees	Yes	Erosion & sediment control for ditch maintenance activities, turf management and storm water pollution prevention, MS4 program updates	Clermont County MS4 Co-permittees	14	Yes

Summary of Activity: On October 28, Clermont SWCD staff hosted a pollution prevention workshop for all Clermont MS4 co-permittees. The Clermont SWCD Director provided an update on the MS4 permit, SWMP revisions and WMSC regulations. The president of Coyle SWPPP Professionals gave a presentation on erosion and sediment control practices for ditch maintenance activities. The Ag & Natural Resource Agent for the Clermont OSU Extension office gave a presentation on turf management and storm water pollution prevention. 14 employees from 10 MS4s attended along with one resident from Williamsburg Village.

Comments: N/A

BMP (mechanism)	List of Municipal Facilities Subject to Program	O&M Procedures Developed?	# of Inspections Performed	Frequency of Inspections
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Municipal Facilities	Facilities include 1,,102 miles of county, township and municipal roads and associated storm sewers and roadside ditches, service department facilities for each of the 15 co-permittees, 44 parks, nature preserves and greenspaces, and 41 cemeteries	Yes	23600	Varies by facility. See individual P2 reports for co-permittees.
BMP (mechanism)	Summarize Maintenance Activities and Schedules		Summarize Activities Performed	
MS4 Maintenance	In general, storm sewers are cleaned on an as needed basis, determined by inspections, and resident complaints. Catch basin grates are regularly inspected and cleaned, especially after significant storms. Repairs to MS4 infrastructure are done on an as-needed basis. The County Engineer's Office uses Flexamat in some roadside ditches that are subject to severe erosion. For more detailed information, refer to the individual P2 reports for each co-permittee.	Ditch cleaning, storm sewer cleaning, catch basin grate cleaning, use of Flexamat in ditches to reduce erosion, infrastructure repair and replacement, dry well cleaning (Milford)		
BMP (mechanism)	Procedures Developed?	Document Amounts of Wastes Properly Disposed		
Disposal of Wastes	Yes	Uncontaminated sediment cleaned from the MS4 is typically used as fill in parks, cemeteries or other public properties, other waste collected from the MS4 is disposed of as solid waste unless contaminated, and then is disposed of as hazardous waste. For more detailed information, refer to the individual P2 reports for each co-permittee.		
BMP (mechanism)	Covered?	Tons Used	Summarize Measures Taken to Minimize Usage	
Road Salt	Yes	12304 Tons	Three co-permittees (County Engineer, Miami and Union) also used 48,150 gallons of brine and Mimai Township used an additional 2,800 gallons of an Ice B Gone-brine mixture during the 2021-22 winter season. Measures differ among co-permittees, but range from training and dry weather runs before the winter season begins, careful monitoring of weather forecasts and road conditions, pre-treatment with brine, calibrating spreader equipment, minimizing settings on spreaders, narrow spreading along the road centerline, and treating only intersections, curves and hills. See individual co-permittee P2 reports for specific measures.	
BMP (mechanism)	Procedures Developed?	Gallons Used	Summarize Measures Taken to Minimize Usage	
Pesticide & Herbicide Usage	Yes	3632 Gallons	Note that some co-permittees track usage of undiluted pesticides while others report the mixed amount. Measures to minimize usage varies. Seven co-permittees did not use any pesticides in 2021. Those that do have staff that have received training and a commercial applicators license, or contract with a private applicator who is licensed. Some co-permittees only use pesticides in very limited areas (such as around guardrails). Care is taken to avoid applications before, during and immediately after wet weather events, and windy conditions. Refer to the individual co-permittee P2 reports for specific measures.	
BMP (mechanism)	Procedures Developed?	Pounds Used	Summarize Measures Taken to Minimize Usage	
Fertilizer Usage	Yes	19400 Pounds	Not all co-permittees use fertilizers - 9 applied none in 2021. Those that do may conduct the applications themselves or hire a contractor. Care is taken to avoid applications before, during and immediately after wet weather events, and windy conditions. Some apply fertilizers only in small specific areas, such as cemeteries when establishing graves sites. See the individual co-permittee P2 reports for specific measures.	
BMP (mechanism)	Procedures Developed?	Document Amount of Material Collected and Properly Disposed		
Street Sweeping	Yes	47 cubic yards. Only the City of Milford and Batavia Village own and operate street sweepers. Others use Municipal Court Community alternative sentencing individuals to clean litter and large items from roadways.		
BMP (mechanism)	Summarize Any New or Existing Flood Management Projects that were Assessed for Impacts on Water Quality			
Flood Management Projects	No flood management projects were conducted in 2021			
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
Inspections of Municipal Facilities	All Clermont County MS4 Co-permittees	Inspections of individual MS4 systems, service department grounds, fleet maintenance facilities, parks, cemeteries and other facilities according to their existing schedules	Each co-permittee will continue to inspect their individual MS4 systems, service department grounds, fleet maintenance facilities (if they exist), parks, cemeteries and other facilities according to their existing schedules. Those co-permittees with full fleet maintenance facilities (County Engineer, Miami Twp, Union Twp) conduct formal facility inspections and visual screening of outfalls on a quarterly basis, and an end-of-year comprehensive inspection with the SWCD Administrator.	Inspection schedules vary by co-permittee. Activities will be conducted year-round.
Comments: N/A				
Employee Training	All Clermont County MS4 Co-permittees, Clermont SWCD	Each co-permittee will attend a minimum of one training session related to storm water management	Known training includes the Ohio Storm Water Conference, Regional Storm Water Collaborative's Storm Water Management Field Day, and the annual training session hosted by Clermont SWCD for all permit partners. Clermont SWCD will purchase a pollution prevention training video and make it available to all Clermont County co-permittees to allow them to train new service department staff	Ohio Storm Water Conference - May 2022; Clermont SWCD Training Seminar - October 2022, Storm Water Management Field Day - September 2022
Comments: N/A				
Minimize Pesticide Runoff	All MS4 Co-permittees that conduct spraying	Obtain training needed to maintain commercial applicators license, or contract with licensed applicator. Apply only during appropriate conditions	All MS4 Co-permittees that conduct spraying will either obtain training needed to maintain their commercial applicators licenses, or contract with a licensed applicator. Applications will not be made during or immediately after wet weather, or when significant rain is forecast, or during excessively windy conditions.	Spring through Fall 2022
Comments: N/A				
Disposal of Wastes Collected from MS4	All Clermont County MS4 Co-permittees	Proper disposal of waste collected from the MS4	Waste collected from the MS4 may be disposed of in one of three ways. If the waste is uncontaminated soil/sediment or vegetation, this may be used as fill or mulch on public properties such as parks and cemeteries (excluding swales, ditches and streams). Any garbage/trash collected will be disposed of as solid waste. Any waste contaminated with oil or other hazardous material will be disposed of as hazardous waste.	Year round
Comments: N/A				
Minimize Fertilizer Runoff	All MS4 Co-permittees that use fertilizers	Use fertilizer only where needed; apply only in appropriate conditions	MS4 co-permittees that use fertilizer will apply it only in areas needed, and will not conduct applications during wet weather, or when significant rain is forecast.	Spring through Fall 2022
Comments: N/A				

Road Salt Minimization	All MS4 Co-permittees	Reduce salt usage to the greatest extent possible while still maintaining safe driving conditions and protecting public safety.	Strategies vary among co-permittees, but range from training and dry weather runs before the winter season begins, careful monitoring of weather forecasts and road conditions, pre-treatment with brine, calibrating spreader equipment, minimizing settings on spreaders, narrow spreading along the road centerline, and treating only intersections, curves and hills.	Winter season
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Comments: N/A

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.

Clermont County's Storm Water Management Plan was updated and approved by the Board of Clermont County COmmissioners on March 28, 2022. A copy of the SWMP is attached to this report.

VARIANCES GRANTED (IF ANY)

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

No variances were granted.

ADDITIONAL INFORMATION

Please add any additional comments or attachments below.

Attachments include the revised Clermont County Storm Water Management Plan, revisions to the Clermont County Water Management and Sediment Control regulations, and individual pollution prevention reporting sheets for each Clermont County co-permittee.

Additional Information attachment(s): [2021 Phase II Annual Report_Pollution Prevention.pdf](#), [SWMP 2022_final.pdf](#), [WMSC Regulations_2022 revisions_final draft clean.pdf](#)