



**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**

<b>Small MS4 Annual Report for Year:</b> 2024		<b>Ohio EPA Facility Permit Number:</b> 1GQ10002*DG	
<b>Name of MS4:</b> Clermont County & Others			
<b>Mailing Address:</b> 101 E Main St			
<b>City:</b> Batavia		<b>State:</b> OH	<b>Zip Code:</b> 45103
<b>Country:</b> USA		<b>County:</b> CLERMONT	
<b>Primary Contact:</b> John McManus		<b>Title:</b> Director	
<b>Email Address:</b> jmcmanus@clermontcountyohio.gov		<b>Phone:</b> (513) 732-7075	<b>Fax:</b>

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.

<b>Applicant Name:</b> John Mcmanus	<b>Title:</b> Program Manager
<b>Signature:</b> Electronically submitted by mcmanus	<b>Date:</b> Electronically submitted on 03/31/2025

**PUBLIC EDUCATION AND OUTREACH**

**Estimate Your Permit Area of Total Population: 192688**

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	% Target Audience	Effective
Storm Water Field Day	Regional Storm Water Collaborative, Clermont SWCD	1 storm water management field day	Erosion & Sediment Control BMPs	Development community, MS4s	98.00	Yes

Summary of Results: The Regional Storm Water Collaborative hosted its annual Storm Water Management Field Day (aka the Stormwater Float) on September 19. The event included presentations on utilizing public open spaces for stormwater source control, detention basin retrofits, bioretention cells, and MS4 program updates given by Justin Reinhart of Ohio EPA. 112 people attended.

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 <a href="http://www.clermontswcd.org">www.clermontswcd.org</a> , <a href="http://www.oeq.net">www.oeq.net</a> and <a href="http://www.savelocalwaters.org">www.savelocalwaters.org</a> . New teacher website created at <a href="https://sites.google.com/view/swohioedresources">https://sites.google.com/view/swohioedresources</a> .	Those living and doing business in Clermont County; educators	100.00	Yes
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Summary of Results: [www.clermontswcd.org](http://www.clermontswcd.org): Numbers not available. Clermont County having trouble accessing Google Analytics at the time of this report.

[www.oeq.net](http://www.oeq.net): 2023 totals - 18,474 users, 33,013 page views

Regional Storm Water Collaborative ([www.savelocalwaters.org](http://www.savelocalwaters.org)): 20,755 page visits.

Comments: N/A

K-12 School Programs	Clermont SWCD	20 programs per year in 5 school districts	Community Outreach and Education Programs (multiple topics)	K-12 School Children	100.00	Yes
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Summary of Results: In 2024, Clermont SWCD gave 90 school programs that reached approximately 2000 students. Additionally, the SWCD Education Specialist gave an additional 6 programs reaching 170 adults. Programs included Incredible Journey, Water Wonders, Water Safari, Water Cycle, Macroinvertebrates and general stormwater management. Also, new field trip programs were created that address fish, macroinvertebrates, habitat, water chemistry and soils.

In 2024, Clermont SWCD began shifting the focus of its education programs to high school students and adults. To assist with this, and still allow us to reach K-8 students, the SWCD Education Specialist created "loaner trunks" that include educational materials for five different topics, including watersheds for 4-8 students (primarily Enviroscene), water cycle (K-3), soil, wildlife and worms.

Comments:

Pond / Retention Basin Management Clinic	Clermont SWCD	1 pond clinic, 50 attendees	Pond and retention basin maintenance	Pond / basin owners	40.00	Yes
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Summary of Results: Clermont SWCD held its annual pond management clinic on April 16. Topics include maintenance, aeration and weed control. 20 people attended.

Comments:

Newsletter Articles	Clermont SWCD	Minimum 4 storm water-related articles per year in Clermont Conservation Quarterly newsletter	Community Education and Outreach	Those living and doing business within Clermont County	100.00	Yes
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Summary of Results: Quarterly newsletters posted to <https://www.clermontswcd.org/newsletters/>, sent electronically through Constant Contact (1,895 sent, 984 opened, 52% open rate) and direct mailed (480 mailed in 2024).

16 total articles (6 educational, 10 event notices) in 2024: The spring newsletter included an article on rain gardens, the Williamsburg nutrient removal wetland, and notices for the upcoming Pond Clinic, Spring Litter Cleanup, rain barrel art project and the 2024 Landowner Conservation Series. The summer newsletter included an article on woodlot management, the East Fork Riparian reserve stream restoration project, and rain barrels for sale through Clermont SWCD. The fall newsletter included an article on native plants suitable for streambank stabilization, information on new educational loaner trunks and field days for local schools, and a notice on a free tire disposal event. The winter newsletter included articles announcing the 2025 Landowner Conservation Series, the 2025 Spring Litter Cleanup logo contest, a call for rain barrel artists for the 2025 event, and information on how to schedule school programs in 2025.

Comments:

Rain Garden / Rain Barrel Education Program	Clermont SWCD, Clermont Park District, Butler, Hamilton and Warren SWCDs	Host 1 rain barrel workshop, Sell 50 rain barrels; 1 rain barrel art event, maintain rain garden web site	Yard Care / Residential Runoff	Clermont County property owners	100.00	Yes
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Summary of Results: On May 8, Clermont SWCD and the Clermont Park District hosted a rain barrel workshop attended by 44 people. Attendees learned how to assemble and install a rain barrel, and took home a total of 44 rain barrels. Clermont SWCD sold an additional 24 rain barrels as part of its 2024 conservation plant sale and single sales throughout the year.

Rain Barrel Art event - The Regional Stormwater Collaborative received 130 artwork entries for the 2024 event. 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 an estimated 193,181 visitors in attendance during the barrel display period. The on-line auction raised \$12,750 for environmental education.

The Regional Storm Water Collaborative hosted the first two cohorts of the five-day Master Rain Gardener course in the spring and fall of 2022. A total of 30 students completed the course and submitted plans for new rain gardens. Seven students completed their rain gardens by the end of the year, with several others nearly complete.

The Rain Garden Central web site was maintained at [www.clermontswcd.org/rain-gardens-barrels/](http://www.clermontswcd.org/rain-gardens-barrels/). There were 216 Page Views for the home rain garden/rain barrel page, and 425 Page Views for the school rain garden activity guide.

Comments: N/A

Water Management & Sediment Control (WMSC) Education Programs	Clermont County Building Department, Clermont SWCD	Conduct 1 training session on WMSC regulations for county inspectors	Erosion and Sediment Control BMPs	Construction site inspectors	100.00	Yes
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Summary of Results: On March 21, the Building Department and the SWCD WMSC inspector hosted a morning workshop to review the WMSC regulations and site inspection procedures and expectations with county inspectors. A total of 14 people attended.

Comments:

Group Education Programs	Clermont SWCD	3 group education programs per year	Community Education and Outreach Programs (multiple topics)	General Public	100.00	Yes
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Summary of Results: Clermont SWCD conducted 8 group education programs in 2024, including 4 for Ohio Certified Volunteer Naturalists (OCVN) programs that addressed watersheds, aquatic life and stormwater management (147 total participants - 67 in Feb 8 class, 30 in Apr 9 class, 30 in Apr 13 class, and 20 in Jun 18 class), and 3 for the Landowner Conservation series (described separately in this report).

Comments:

Landowner Conservation Series	Clermont SWCD, Clermont Park District	Conduct two workshops	Yard care / residential runoff	Urban landowners	100.00	Yes
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Summary of Results: In 2024, Clermont SWCD and the Park District, in cooperation with OSU Extension Clermont, hosted the 2nd annual Landowners Conservation Series. Monthly events were planned, four of which were related to stormwater management (total attendance of XX). On April 3, Clermont SWCD led a "Dealing with Heavy rains" workshop attended by 7 people. A Sustainable Yard Care workshop was held on May 1, attended by 3 people. On Sept 4, Clermont SWCD led a Caring for your Trees workshop attended by 11 people, On October 2, a Southwest Ohio Native Plantings workshop was attended by 4 people.

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	HSTS Education	HSTS owners	100.00	Yes
Summary of Results: CCPH held 1 homeowner mound service provider training session on March 6. Five people attended. A total of 8,482 information cards were distributed to HSTS owners. Web site maintained at <a href="https://ccphohio.org/septic-system-operation-permits/">https://ccphohio.org/septic-system-operation-permits/</a>						
Comments:						
Williamsburg Off-Channel Nutrient Removal Wetland	Clermont SWCD, Williamsburg Village	1 project tour, 1 presentation, 1 educational video	Post-construction BMPs	Elected officials, environmental professionals, general public	100.00	Yes
Summary of Results: In 2024, Clermont SWCD gave 3 presentations on the Williamsburg Off-Channel Nutrient Removal Wetland. The SWCD Director gave presentations on the project during the Ohio Federation of SWCD's Partnership meeting on Jan 24 (1 during the general session and 1 during a breakout session); at the Ohio Stormwater Conference on May 9, and to the Lake Erie and Aquatic Research Network (LEARN) on July 30. Tours were also given to the LEARN group and to the Greater Cincinnati Regional Watershed Network on July 30. The project video was presented at the OFSWCD meeting and to date has 369 views on YouTube ( <a href="https://www.youtube.com/watch?v=WaslpfQcPZ4">https://www.youtube.com/watch?v=WaslpfQcPZ4</a> ).						
Comments:						
General Storm Water Education - Social Media	Clermont SWCD, Regional Storm Water Collaborative	Minimum of 4 postings per year	Community Outreach and Education	Those who live or work in Clermont County	100.00	Yes
Summary of Results: Clermont SWCD had 31 Facebook posts related to storm water management; topics included information on rain barrels, pond management, streambank management, plants for storm water control, rain gardens, proper waste disposal, and volunteer litter cleanups. The Facebook posts had a total reach of 31,948 and 384 interactions. Facebook page followers increased by 256 to 1,521.						
The Regional Storm Water Collaborative's Facebook page (SaveLocalWaters) had 1,610 followers and a reach of 357,197, while its Instagram page had 110 followers and a reach of 367,441. Four YouTube videos were created which had a combined reach/views of 97,828. The YouTube channel has 110 followers.						
Comments:						
Riparian Zone Protection and Restoration	Clermont SWCD, Regional Stormwater Collaborative	Conduct 1 social media advertising campaign	Stream buffers	Streamside landowners	100.00	Yes
Summary of Results: In cooperation with the Regional Stormwater Collaborative, Clermont SWCD assisted with the development and conduct of a social media advertising campaign encouraging streamside landowners to "Buffer the Banks" Three separate videos were created that encouraged the establishment of stream buffers (no mow, plant native and lawn debris disposal) and posted/advertised on the Collaborative's Facebook, Instagram and YouTube pages. The total reach for each of the videos was 8,617, 15,218 and 7,038, respectively. A Buffer the Banks page was also created on the Collaborative's web site ( <a href="http://www.savelocalwaters.org/buffer-the-banks.html">www.savelocalwaters.org/buffer-the-banks.html</a> ) that included the videos along with more detailed information about establishing stream buffers, and an interactive map that allows people to see if they live near a stream.						
Comments:						
Community Outreach & Education Programs	Clermont SWCD, Regional Stormwater Collaborative	Conduct 1 community-based social marketing seminar	Community-based social marketing to achieve sustainable behavior change	Environmental organizations	100.00	Yes
Summary of Results: Clermont SWCD received an Ohio Environmental Education Fund grant to have noted environmental psychologist Dr. Doug McKenzie-Mohr conduct a three-day seminar on community-based social marketing which focuses on establishing environmental education programs that overcome barriers to the adoption of various conservation actions in order to achieve long-term, sustainable behavior changes. A total of 70 people attended the seminar from June 25-27.						
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
Stormwater Education Programs	Clermont SWCD	Conduct 20 programs	Teach about impacts of land use and storm water runoff on water quality and stream biota.	K-12 School Children, General Public	100.00	Year-round

Summary of Planned Activities: Conduct 20 programs that teach about the impacts of land use and storm water runoff on water quality and stream biota

Comments: N/A

Erosion & Sediment Control 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	100.00	September 25, 2025
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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 25.

Comments: N/A

Regional stormwater advertising campaign	Clermont SWCD, Regional Stormwater Collaborative	Conduct one advertising campaign	Stormwater management - topic TBD	Greater Cincinnati residents	100.00	Fall 2025
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Summary of Planned Activities: Clermont SWCD, working with the Regional Storm Water Collaborative, will develop and conduct an advertising campaign on a theme to be decided at the beginning of 2025.

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	100.00	April 15, 2025
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Summary of Planned Activities: Conduct one pond / storm water basin maintenance clinic for private landowners

Comments: N/A

Riparian Zone Protection	Clermont SWCD	Conduct 1 presentation on riparian zone connection	Riparian Zone Protection	Greater Cincinnati Homebuilders Association	100.00	May 6, 2025
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Summary of Planned Activities: Clermont SWCD will conduct 1 presentation on the importance of protecting riparian corridors to the Greater Cincinnati Homebuilders Association

Comments:

Rain Garden / Rain Barrel Education Program	Clermont SWCD, Regional Storm Water Collaborative	Sell 20 rain barrels; 1 rain barrel art event, maintain rain garden web site	Lawn Care / Landscaping	Clermont County property owners	100.00	April - Rain Barrel Art Project, rain barrel sales; Summer - rain garden workshop for landscapers; October - Master Rain Gardener class; Year-round - maintenance of demonstration rain gardens, rain barrel sales, maintenance of web site
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Summary of Planned Activities: Sell 20 rain barrels, annual rain barrel art event with Regional Storm Water Collaborative (RSWC), hold rain garden workshop for landscapers, host Master Rain Gardener class, maintain rain garden web site at <http://www.clermontswcd.org/rain-gardens-barrels/>.

Comments: N/A

Stormwater Basin Maintenance Video	Clermont SWCD	Develop an instructional video on the maintenance of stormwater basins	Post-Construction BMPs	Stormwater basin owners	100.00	By December 2025
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Summary of Planned Activities: Clermont SWCD will work with the Clermont County Office of Public Information to develop an instructional video on the maintenance of stormwater basins and post it on the SWCD You-Tube channel

Comments:

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 HSTSs	HSTS owners	100.00	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

Community Outreach Programs	Clermont SWCD, Clermont OEQ	Publish minimum of 3 newsletter articles, 12 social media posts, 1 educational message on utility bills, maintenance of web sites	Community Education and Outreach	Those who live or work in Clermont County	100.00	Year-round
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Summary of Planned Activities: Clermont SWCD will publish a minimum of 3 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

**PUBLIC INVOLVEMENT AND PARTICIPATION**

BMP (mechanism)	Responsible Party	Measurable Goal	Theme or Message	Target Audience	Estimate Of People Participated	Effective
Antifreeze and Motor Oil Recycling Program	Clermont County Fleet Maintenance Program	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	75	Yes

Summary of Results: Fleet maintenance collected 600 gallons of used motor oil, gasoline and diesel fuel combined, and 150 gallons of antifreeze from an estimated 75 residents.

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
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Summary of Results: Three meetings were held in 2022 (Feb 29, May 30 and Aug 29). 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. 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.

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	17	Yes
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Summary of Results: 17 people participated in 12 monthly meetings during 2024 (The April meeting was cancelled due to severe weather). Pierce Township has 209.79 acres of greenspace preserved. No new land was acquired.

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	175	Yes
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. In 2024, a total of 175 customers purchased approximately 4,050 plants and 13 rain barrels.						
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
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 from April 18-20, with approximately 300 people bringing waste that filled 16 30-yd dumpsters.						
Goshen Twp - Event held on June 1. Material filled 5 rear compact Rumpke trucks, 6 40-yard roll-off Dumpsters, 6 metal recycling Dumpsters, 400+ Participants.						
Miami Township - Held on April 26-27 and September 20-21. In April, 146.96 tons of trash were collected, along with 12,020 lbs of recyclable metals and 573 lbs of recyclable lead batteries. In September, 107.5 tons of trash, 8,521 lbs of recyclable metals and 212 lbs of recyclable lead batteries were collected.						
Stonelick Twp/Owensville - Held on August 24. 41.76 tons of material were collected from 203 residents. 350 gallons of used motor oil were also collected.						
Tate Twp - Cleanup Days held on June 7-8. Collected 69.49 tons of waste and 239 tires from an estimated 300 people.						
Union Township - Junk Days were held April 18-20 and October 24-26. In April, 26 30-yard dumpsters and 8 packer trucks were filled, and 74 refrigerators and 9 window AC units were collected. In October, 23 30-yard dumpsters and 8 packer trucks were filled, and 60 refrigerators and 25 window AC units were collected.						
Williamsburg Twp/Village - Held from June 6-8 2024. Collected approximately 90 tons of material. An estimated 325 people participated.						
Comments:						
Master Rain Gardener Program	Clermont SWCD, Regional Storm Water Collaborative	Host two Master Rain Gardener cohorts	Rain gardens	Landowners in Clermont County	21	Yes
Summary of Results: The Regional Stormwater Collaborative conducted separate programs in the spring and fall. 21 students completed the program, which involves either creating their own rain garden or rehabilitating an existing one. Six of the 21 participants planted new rain gardens.						
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	170	Yes
Summary of Results: 50 entries were submitted by K-12 students for the Summer Litter Cleanup logo design contest. The winning logo, designed by a 7th grader at Milford Junior High School, was printed on reusable plastic water bottles which were given to event volunteers.						
The 2024 spring litter clean-up event was held on Saturday, April 20, with a combination of in-person clean-ups at various sites across Clermont County and the East Fork Little Miami River watershed. Over 120 volunteers participated and collected a combined 150 bags of trash.						

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	130	Yes

Summary of Results: 130 individuals and groups submitted artwork to participate in the 2024 project. 40 designs were selected and 40 rain barrels were painted by local artists. Results from the display/auction at the Cincinnati Zoo are presented under the Public Education section of this report.

Comments:						
Ohio River Sweep	Clermont SWCD, 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	140	Yes

Summary of Results: A total of 140 volunteers helped clean trash from the banks of the Ohio River at seven sites in Clermont County. Volunteers collected 412 bags of trash, along with 19 tires and lots of other miscellaneous trash.

Comments:						
Household Hazardous Waste Voucher Program	Adams-Clermont Solid Waste District	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	85	Yes

Summary of Results: Clermont OEQ issued 88 vouchers, 63 of which were used for disposal of household hazardous waste items at Environmental Enterprises in Cincinnati. Additionally, the Solid Waste District had 22 HHW drop-offs at its new building between Oct – Dec. One person drop off 2 lbs. of mercury back, and a few old mercury thermometers that weighed less than ½ lb total were collected.

Comments:						
Volunteer Monitoring	Clermont SWCD, Izaak Walton League	Re-establish volunteer monitoring program in Little Miami River watershed	Volunteer monitoring	Clermont residents in the LMR watershed	417	Yes

Summary of Results: Clermont SWCD assisted the Izaak Walton League with an OEEF grant application to re-start the Saturday Stream Snapshot volunteer water quality monitoring program in the Little Miami River watershed. The grant was awarded and monthly sampling started in March and continued through November. Samples collected are analyzed for pH, conductivity, turbidity, in vivo chlorophyll-a, optical brighteners, nitrates, phosphates, total coliforms, and E.coli. A total of 16 sites in Clermont County were monitored, and an estimated 417 people participated.

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
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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.
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Summary of Planned Activities: Tentative - Four quarterly meetings of the Cooperative, year round implementation of monitoring and modeling efforts. Due to the uncertainty surrounding several of our federal partners, and the ultimate existence of the USEPA Office of Research & Development, it may not be possible to hold regular meetings, and it's conceivable that the EFWCoop will disband.

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
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Summary of Planned Activities: Monthly meetings of Green Space Committee

Comments:

Catch Basin Labeling	Clermont SWCD	Work with volunteers to label 200 catch basins with Don't Dump, Drains to River message	Illicit discharge prevention	Clermont County residents	15	Summer 2025
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Summary of Planned Activities: Clermont SWCD will work with a group of volunteers to label 200 catch basins with "Don't Dump, Drains to River" messages

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 2025
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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:

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 and other automotive fluids from Clermont County residents.						
Comments:						
Municipal/Township Clean-up Days	Batavia Twp/Village, 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:						
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 26, 2024; Ohio River Sweep - June 28, 2024
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 2024. The Ohio River Sweep is tentatively scheduled for the 3rd Saturday in June.						
Comments:						
Volunteer Monitoring	Clermont SWCD, Izaak Walton League	Conduct volunteer monitoring program in Little Miami River watershed	Stream quality	General public	400	3rd Saturday of the month, March through November
Summary of Planned Activities: Conduct volunteer monitoring program in Little Miami River watershed						
Comments:						

**ILLCIT 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, <a href="http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/">http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/</a>	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. Revisions to the regulations were approved by the Board of County Commissioners on July 7 and went into effect on August 7, 2022.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
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 the year as system upgrades were made and new systems installed. As of the end of 2024, the MS4 (both public and private, countywide) had 35,181 segments of pipe (570 miles), along with 26,420 catch basins, 2,309 inlets and 5,630 outfalls (excluding simple culverts), 6,085 culverts, 5,593 manholes, and 1,106 BMPs.	Yes

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective
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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 21,915 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 <a href="https://clermontcountyoh-energopub.tylerhost.net/Apps/SelfService#/search">https://clermontcountyoh-energopub.tylerhost.net/Apps/SelfService#/search</a>	Yes
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Comments:					
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Summary of Activities or Updates	Effective

IDDE Plan	Clermont SWCD, Clermont County Public Health, County Engineer's Office, Townships & Municipalities	Develop and institute an illicit discharge detection and elimination plan.	Yes	<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>	Yes
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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 250 outfalls annually/1000 over course or permit.	Yes	5576	181	6	9	9	Yes

Comments: In 2024, Clermont SWCD staff screened 181 outfalls and high risk locations, including 30 industrial sites and other sites on the County's annual inspection list, 123 storm water basin outlets, and 13 as the result of complaints. Clermont County Water Resources Department conducted 15 additional inspections during regularly scheduled visits to industries holding industrial waste pre-treatment permits. A total of 9 incidents of spills or illicit discharges were identified. All incidents were closed in 2024. A report documenting each of the illicit discharges identified and the steps taken to eliminate them is attached.

Upload File Name for the Illicit Discharges: 2024 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 10,498 home sewage treatment systems throughout Clermont County in 2024. Inspection results for all HSTSs are now available on line. Anyone interested in viewing an inspection report for a particular system can visit <a href="https://ccphohio.org/septic-system-operation-permits/septic-system-search-2/">https://ccphohio.org/septic-system-operation-permits/septic-system-search-2/</a> 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 2024, 19 CDBG applications were received and 19 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 <a href="https://ccphohio.org/septic-systems/snarp/">https://ccphohio.org/septic-systems/snarp/</a> . In 2022, the Health District received 26 separate applications. A total of 4 remediation projects were completed (most are choosing a full system replacement).		Yes

**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 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:

Enforce illicit discharge regulations	Clermont SWCD, Milford	Eliminate discharges as they occur	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.	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 2024, SWCD will screen a minimum 250 outfalls during dry weather.	Year-round during dry weather conditions.
Comments:				
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:				
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:				
<b>CONSTRUCTION SITE RUNOFF CONTROL</b>				

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, <a href="http://permit.clermontcountyohio.gov/WMSCRegulations.aspx">http://permit.clermontcountyohio.gov/WMSCRegulations.aspx</a>	Yes

Summary of Results or Activities: The Board of County Commissioners approved revisions to the Water Management and Sediment Control Regulations on July 7, 2022, with the changes going into effect on August 7, 2022. Prior to approving the revised regulations, public hearings were held on May 25 and June 1. One county resident submitted comments at the June 1 public hearing, neither in support or opposition of the changes, but to voice concerns about problems on his property. No other comments were received.

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, <a href="https://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/">https://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/</a>	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 2022, The Board of County Commissioners approved revisions to the Water Management and Sediment Control Regulations on July 7, with the changes going into effect on August 7.

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	49	49	Yes

Summary of Results or Activities: Of the 45 complaints received, Clermont SWCD's inspector and the Clermont County Building Department have followed up on each, and 29 have been documented as resolved (64%).

Milford received 4 valid complaints in 2024. The city continued to receive complaints at 777 Garfield Avenue (10 total). There is ongoing progress to fix issues (silt fence, inlet protection, slope erosion protection). A stop work order has been issued. Other complaints include: 841 Riverside (WMSC renewal denied due to site fill intrusion into Little Miami floodway); 118 High, 409 Garfield, 413 Garfield (stop work order filed, required new site grading and WMSC plan, ongoing progress to fix issues (silt fence, inlet protection, grading of emergency flood route); 302 High (3 complaints, no WMSC plan, property owner updated BMPs at road).

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	565	707	Yes

Summary of Results or Activities: Clermont County conducted 700 reviews for 558 sites requiring plans (including re-reviews of plans not approved after first review); Milford conducted 7 reviews for 7 plans in 2024. 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	1496	3435	0.2	Yes

Summary of Results or Activities: Clermont County conducted 3,383 inspections at 1,490 sites, while Milford conducted 52 inspections at 6 sites (777 Garfield -12, 405 Garfield - 5, 118 High - 10, 409 Garfield - 10, 413 Garfield – 10, 302 High - 5)

The average number of inspections per site was 0.2. 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: 2024 WMSC Inspection Activity.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	250	4	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 2024, the Clermont County Building Department issued 250 conditional occupancy certificates; 136 of these have been resolved. One stop work orders was issued. This case was unresolved and the stop work order still in effect at the end of 2024. Milford issued 2 stop work orders for sites at 777 Garfield, Roselawn Estates (118 High, 409 Garfield, 413 Garfield), 841 Riverside.

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 its annual Storm Water Management Field Day (aka the Stormwater Float) on September 19. The event included presentations on utilizing public open spaces for stormwater source control, detention basin retrofits, bioretention cells, and MS4 program updates given by Justin Reinhart of Ohio EPA. 112 people attended.

Comments:

WMSC Regulations Workshop	Clermont Building Department, Clermont SWCD	Host one workshop on the Clermont County Stormwater Regulations for the development community	Yes	One workshop attended by 14 people	Yes
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Summary of Activities or Updates: On March 21, the Building Department and the SWCD WMSC inspector hosted a morning workshop to review the WMSC regulations and site inspection procedures and expectations with county inspectors. A total of 14 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
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 2024

Comments:

Plan Review	Clermont County Building Inspection Department, Clermont SWCD, 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
Comments:				
Inspect Construction Sites Disturbing 1 Acre or More	Clermont SWCD, 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
Comments:				
Respond to Erosion and Sediment Runoff Complaints	Clermont SWCD, 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
Comments:				
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:

**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, <a href="http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/">http://permit.clermontcountyohio.gov/water-management-sediment-control-regulations/</a>	Yes

Summary of Results or Activities: The Board of County Commissioners approved revisions to the Water Management and Sediment Control Regulations on July 7, 2022, with the changes going into effect on August 7, 2022. Prior to approving the revised regulations, public hearings were held on May 25 and June 1. One county resident submitted comments at the June 1 public hearing, neither in support or opposition of the changes, but to voice concerns about problems on his property. No other comments were received.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Structural and/or Non-Structural Standards Being Used	Effective
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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
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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. The Board of County Commissioners approved revisions to the Water Management and Sediment Control Regulations on July 7, 2022, with the changes going into effect on August 7, 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	39	39	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 39 developments requiring post-construction BMPs. No new developments in Milford required post-construction BMPs.

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	1166	155	8	Yes

Summary of Results or Activities: A total of 1,093 post-construction BMPs have been identified in Clermont County (excluding the City of Loveland).

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). In June of 2021, the County Engineer became responsible for the maintenance of Woods at Miami Trails and Estates at Miami Trails in Miami Township Storm Sewer District. There are 10 detention basins in this development and approximately 13,600 ft of storm sewer. The Engineer's office does not maintain any BMPs in the other two districts (Orchard Valley and Miami Trails). 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 2024, Elam Excavating cleared and opened channels and placed Geotech mat and rip rap through the detention basin (Hunter's Ridge Farms) at 1501 Corbin Drive. Mullins Maintenance reduced the window size in a catch basin to 6"x 24" behind 6597 Trailwoods Drive due to a safety concern by the resident. They replaced 25' of damaged 12" ADS storm pipe and repaired a 6" sag in the pipe on the same run at 885 Miami Ridge Drive. Mullin's also removed logs in the waterway of the detention basin (Whitmore/Shayler) at 1077 Valleywood Drive.

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 2024 SWCD staff inspected 123 BMPs and sent 27 corrective action letters. As of the end of 2024, Clermont SWCD has an additional staff person dedicated to basin inspections and is in the process of revising the field inspection form.

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. These were not inspected in 2024.

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	10	10	Yes

Summary of Results or Activities: The Building Department noted 9 violations during inspections of BMPs constructed in 2023. In Milford, there have been multiple issues with the basin at 777 Garfield. A stop work order which detailed 12 separate violations was issued on March 17.

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	69	69	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 6 subdivisions (Orchard Valley, Miami Trails, Harvest Ridge, Prestwick Place, Woods at Miami Trails and Estates at Miami Trails), under which the Engineer's Office maintains all storm sewer infrastructure outside the public road right-of-way, including 15 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	
No records found							
<b>POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT</b>							
<i>Summarize activities you plan to undertake for the next reporting cycle.</i>							
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	
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	
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	
Comments:							
<b>POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS</b>							
BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 1	Batavia Twp, Batavia V, Goshen Twp, Miami Twp, Milford, Pierce Twp, Tate Twp, Union Twp, Williamsburg Twp, Williamsburg V, Clermont SWCD	Illicit discharge detection & elimination; updating storm sewer maps	Yes	Illicit discharge detection & elimination	Clermont County MS4 co-permittees	15	Yes
Summary of Activity: On November 7, Clermont SWCD hosted a training session on illicit discharge detection and elimination, and on the process for updating storm sewer system maps.							
Comments:							

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 2	Clermont SWCD	Attend OKI Regional Conservation Council annual meeting	Yes	Conservation subdivisions, stream and wetland mitigation	Environmental professionals	2	Yes

Summary of Activity: On May 17, two Clermont SWCD employees attended OKI Regional Conservation Council's annual meeting titled "Conservation in the Tri-State." Topics included compensatory mitigation and watershed monitoring

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 3	Clermont Engineer's Office, Clermont SWCD	Attend the annual Storm Water Management Field Day	Yes	Construction and post-construction storm water BMPs	MS4s, development community	4	Yes

Summary of Activity: Three employees from the Engineer's Office and one from Soil & Water attended the Storm Water Float (formerly called Storm Water Management Field Day) hosted by the Regional Storm Water Collaborative on September 19.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 4	Clermont SWCD	Attend annual Environmental Education Council of Ohio conference	Yes	Environmental education	SWCD Education Coordinator	1	Yes

Summary of Activity: From April 12-14, the SWCD Education Coordinator attended EECO's annual conference.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 5	Clermont SWCD, Clermont OEQ, Clermont Building Inspection Department	Attend the annual Ohio Stormwater Conference	Yes	Storm water BMPs, stream restoration, watershed and land management issues	Storm water management professionals	4	Yes

Summary of Activity: From May 9-10, the SWCD Director and Urban Technican, OEQ Project Manager, and the Building Department's stormwater engineer attended the annual Ohio Storm Water Conference in Sandusky, OH. 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
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Employee Training Program 6	Ohio Twp	Obtain Inspection and Maintenance Certification of Stormwater Control Measures	Yes	Illicit discharge detection, pollution prevention, MS4 permit responsibilities	Ohio Twp Service Department	1	Yes
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Summary of Activity: On Feb 20, the Clermont SWCD provided a one-on-one training session with Ohio Township's new (and only) service department employee. The training session focused on the recognition and reporting of illicit discharges, stormwater pollution prevention for township activities, and the township's responsibilities under the MS4 permit. On Nov 15, the Ohio Township service department employee viewed a stormwater pollution prevention training video produced by Excal Visual.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Employee Training Program 7	Clermont SWCD, Clermont OEQ	Attend Regional Watershed Network program hosted by USACE	Yes	US Army Corps of Engineers regulatory and enforcement programs	Environmental professionals	1	Yes

Summary of Activity: On Feb 2, the Clermont SWCD attended a meeting of the Greater Cincinnati's Regional Watershed Network which was highlighted by a presentation from the US Army Corps of Engineers on the agency's regulatory and enforcement programs.

Comments:

BMP (mechanism)	Responsible Party	Measurable Goal	Completed	Topic(s)	Targeted Audience	# of Employees Attended	Effective
Construction Site Inspections	Clermont Building Dept, Clermont SWCD	Conduct construction site inspection training for Building Dept inspectors	Yes	Inspection of erosion and sediment control practices	Building Department inspectors	14	Yes

Summary of Activity: On March 21, the Building Department and the SWCD WMSC inspector hosted a morning workshop to review the WMSC regulations and site inspection procedures and expectations with county inspectors.

Comments:

BMP (mechanism)	List of Municipal Facilities Subject to Program	O&M Procedures Developed?	# of Inspections Performed	Frequency of Inspections
Municipal Facilities	Facilities include 1,054 miles of county, township and municipal roads and associated storm sewers and roadside ditches, service department facilities for each of the 15 co-permittees, 45 parks, nature preserves and greenspaces, and 41 cemeteries	Yes	13550	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	9721 Tons	Four co-permittees (Batavia Village, Miami Twp, Union Twp, Clermont County) also used 15,773 gallons of brine. The County Engineer also used 13,950 gallons of the more environmentally friendly Beet Heet deicer. 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	3650 Gallons	Miami Township also used 62.5 lbs of dry herbicide. Note that some co-permittees track usage of undiluted pesticides while others report the mixed amount. Measures to minimize usage varies. Six co-permittees did not use any pesticides in 2024. 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	69010 Pounds	Miami Township also used 515 gallons of liquid fertilizer. Not all co-permittees use fertilizers - 10 applied none in 2024. 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	145 cubic yards. Only the City of Milford and Villages of Batavia and Williamsburg conducted street sweeping. 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 2023		
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
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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				
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 2025
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 2025; Clermont SWCD Training Seminar - October 2025, Storm Water Management Field Day - September 2025
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 2025
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				
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
Comments: N/A				
<b>PROPOSED CHANGES TO YOUR SWMP (IF ANY)</b>				

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.

N/A

**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.

Additional Information attachment(s): [2024 annual program assessment.pdf](#), [2024 Phase II Annual Report\\_Pollution Prevention.pdf](#)