

**Oakland CDC MS4  
NPDES Permit No. MI0060089  
FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)**

**Action/Activity**

**Public Participation Program (PPP)**

Stormwater Management Plan (SWMP) Homepage	<p>The Oakland County Stormwater Management Plan (SWMP) is available on the WRC's SWMP website at: <a href="https://oakgov.com/government/water-resources-commissioner/stormwater/stormwater-management-program-swmp">https://oakgov.com/government/water-resources-commissioner/stormwater/stormwater-management-program-swmp</a></p> <p>As of FY 2025, no comments have been received on the County's SWMP.</p> <p>There were <b>989</b> hits to the SWMP website in FY 2024 and <b>1,028</b> website hits in FY 2025.</p>
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**Public Education Plan**

Art-Fish-Fun Festival	<p>In FY 2024, the 10th annual Art Fish Fun festival was held on June 8, 2024 with approximately 600 attendees and a variety of vendors and environmental activities representing 70 people from 33 different companies, non-profits and community organizations. A park cleanup was also held from 11 am to noon with 16 volunteers that collected 18 bags of garbage from the park. There were a total of 18 event sponsors, including both monetary and in-kind, which helped to keep the event free to the public!</p> <p>In FY 2025, the 11th annual festival was held on June 7, 2025 with more than 500 people and 25 local organizations that joined the WRC to celebrate River Day. Since 2013, Commissioner Nash has brought people together at Beaudette Park in the City of Pontiac to kick off the summer by learning about the environment, fishing, making crafts, playing games and enjoying a delicious barbecue lunch. Events like this deepen our personal connections with the residents in the communities we serve and give us a chance to make learning about water fun and interactive. Special thanks to volunteers from Nowak &amp; Fraus and Lawrence M. Clarke who joined us all day to assist with serving food during lunch and garbage removal from the park cleanup.</p> <p>The festival was hosted in collaboration with WRC, Pure Oakland Water, Clinton River Watershed Council, The Art Experience in Pontiac and the City of Pontiac.</p>
Blue Planet Jobs: Careers in Water Event	<p>WRC, in partnership with the Oakland Schools Career Readiness Program and the Cranbrook Institute of Science: Freshwater Forum, hold an annual event for 10th and 11th grade students to engage with industry experts to learn about the important careers available related to the natural resource of water. Students participate in four (4) 25-minute interactive presentations from water industry professionals in the areas of engineering, environmental science, and education, non-profits, government, facility operations and the trades. In FY 2024, a total of 242 students from 11 schools attended on March 18, 2024 (from schools in Auburn Hills, Birmingham, Ferndale, Madison Heights, Pontiac, Oakland Schools' Technical Campus' Northwest and Southwest, and Royal Oak). In FY2025, a total of 202 students and chaperones attended the Blue Planet Jobs event.</p>
Bulletin Boards	<p>Throughout FY 2024 and most of 2025, the WRC had a variety of information related to storm drain awareness on display in its main lobby. Information on the "Seven Simple Steps to Clean Water", and copies of the "Waterfront Wisdom" Booklet, "Kids Clean Water Calendar" and "Oakland County 24-Hour Pollution Hotline" brochure are available year-round. The Alliance of Rouge Communities developed a variety of seasonal posters on protecting water quality with tips to consider for spring, summer, winter and fall. That poster was framed and hung in the WRC lobby beginning in FY 2017 and is rotated out seasonally.</p> <p>At the end of FY 2025, the WRC lobby is undergoing an update. A new temporary display features content on stormwater pollution prevention awareness, benefits of native plants, proper disposal of fats, oils and grease, proper septic system maintenance and invasive species management. The WRC will continue to have handouts available on various environmental-related resources.</p>
Commercial, Industrial and Institutional Entities Stormwater Education	<p>The WRC added information on its website on pollution prevention best practices information for commercial, industrial and institutional properties in FY 2022. Best management practices to prevent nonpoint source pollution from machine shops, food service companies, composting facilities, concrete washout areas, marinas and general boating, commercial car washes, landscaping and lawn care, auto care facilities, school properties, homeowner associations and general businesses is accessible on WRC's website at: <a href="https://www.oakgov.com/government/water-resources-commissioner/resources/education/pollution-prevention-for-commercial-industrial-and-institutional-properties">https://www.oakgov.com/government/water-resources-commissioner/resources/education/pollution-prevention-for-commercial-industrial-and-institutional-properties</a>.</p> <p>In FY 2024, there were <b>57</b> website hits and <b>67</b> website hits in FY 2025.</p>

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Dirt Doctors Program	<p>-Approximately 3,689 students, adults and teachers in 749+ different presentations at 17 different events throughout Macomb, Oakland, Washtenaw and Wayne Counties were reached in FY 2024. The Dirt Doctors attended events in Ann Arbor, Bloomfield Hills, Detroit, Macomb, Pontiac, Rochester Hills, Royal Oak, Southfield, West Bloomfield and Ypsilanti.</p> <p>-Approximately 2,600 students, adults and teachers in 675+ different presentations at 18 different events were reached in FY 2025. The Dirt Doctors attended events in Ann Arbor, Bloomfield Hills, Davisburg, Detroit, Macomb, Monroe, Pontiac, Rochester Hills, Royal Oak, Trenton, Village of Milford, Walled Lake, Waterford, West Bloomfield Twp and Ypsilanti.</p> <p>-A pre-recorded Dirt Doctors program was put together in September 2020 and as of September 30, 2025, it has been viewed <b>287</b> times. The pre-recorded program is available online at: <a href="https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&amp;v=aOOQjrSD8vg&amp;feature=youtu.be">https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&amp;v=aOOQjrSD8vg&amp;feature=youtu.be</a></p> <p>All of WRC's Environmental Education program descriptions are available on its website at: <a href="https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs">https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs</a>. In FY 2024, the site received <b>129</b> visits and in FY 2025 it received <b>184</b> visits.</p>
Drain Detectives Program	<p>There were two (2) presentations of the Drain Detectives in FY 2024 for University of Ferndale high school students on 10/9/2023 and 5/6/2024 reaching approximately 38 12th grade science students and 2 teachers. In FY 2025, the Drain Detectives program reached approx. 275 students (3rd, 4th and 5th grades) in 12 presentations during two (2) events in Detroit and West Bloomfield.</p> <p>All of WRC's Environmental Education program descriptions are available on its website at: <a href="https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs">https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs</a>. In FY 2024, the site received <b>129</b> visits and in FY 2025 it received <b>184</b> visits.</p>
E-newsletter Articles	<p>The WRC's various online publications can reach up to approximately 9,000 individuals via e-mail and includes the following groups:</p> <ul style="list-style-type: none"> <li>-State Representatives</li> <li>-State Senators</li> <li>-SWAGs</li> <li>-County Commissioners</li> <li>-City Council members including Mayors</li> <li>-Township &amp; Village Trustees/Council</li> <li>-Township Supervisors</li> <li>-Township Clerks</li> <li>-Township &amp; City Treasurers</li> <li>-WRC Staff</li> <li>-Media contacts</li> <li>-Folks that have signed up for various updates on our WRC web site subpages (a lot of overlapping emails and a number of CVT DPW folks)</li> </ul> <p>-In FY 2024/2025, the following newsletters and media releases were shared with the following recipients:</p> <p>5/31/2024: News from Jim Nash - A summary of the success of the RainSmart Rebates program was shared with 2,940 recipients</p> <p>6/13/2024: Press Release announcing Jim Nash received the Lifetime Contribution Award from teh Detroit Metropolitan Chapter of the American Society for Public Administration was shared with 1,706 recipients</p> <p>6/25/2024: Press Release announcing that the RainSmart Rebates program earned the National Achievement Award was shared with 2,929 recipients</p> <p>9/18/2024: News from Jim Nash - Press Release refuting claims from Macomb County regarding water quality and infrastructure issues from Oakland County systems was shared with 1,706 recipients</p> <p>9/30/2024: Information on WRC's Harship Assistance Program was shared with 3,309 recipients</p> <p>10/28/2024: WRC's Hardship Assistance Newsletter was shared with 3,322 recipients</p> <p>12/9/2024: News from Jim Nash - Press Release hihlightina the impoortance of Water and Wastewater Professionals Workforce Week was shared with 8.587 recipients</p>

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	<p>1/13/2025: Press Release announcing the successes of the RainSmart Rebates Program first year of implementation was shared with 1,764 recipients          2/18/2025: News from Jim Nash - Oakland County Enhances the City of Pontiac's Water and Sewer Infrastructure was shared with 2,894 recipients          5/12/2025: News from Jim Nash - Notice of invitation to community leaders to tour and ask questions about the operations at the George W. Kuhn Retention Treatment Basin in Madison Heights was shared with 2,977 recipients          7/1/2025: Save the Date for the 2025 Stormwater Summit was shared with 4,213 recipients          8/26/2025: Notice that registration was open for the 2025 Stormwater Summit was shared with 3,449 recipients          9/5/2025: News from Jim Nash - Green Infrastructure Brings Pontiac Neighborhood Together shared details about the recently completed Augusta Drain GSI project with 1,013 recipients</p>
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<p>Enviroscape Watershed Model Program</p>	<p><b>WRC:</b>          - Approximately 940 students and 322 adults in more than 100 presentations at five (5) different events were reached in FY 2024.          - WRC staff presented the Enviroscape watershed model at events in Bloomfield Hills, Ferndale, Macomb, Rochester Hills, and Wayne County Parks.</p> <p>In FY 2025, the program reached approx. 700 students, teachers and parents in more than 112 presentations at four (4) different events in Bloomfield Hills, Rochester Hills and West Bloomfield.</p> <p>In order to reach people virtually, a 32 minute pre-recorded Enviroscape Watershed Model demonstration was created in September 2020 and is available online at: <a href="https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&amp;v=ipllgsx1Zvc&amp;feature=youtu.be">https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&amp;v=ipllgsx1Zvc&amp;feature=youtu.be</a>. As of September 30, 2025, the video has been viewed <b>480</b> times.</p> <p>All of WRC's Environmental Education program descriptions are available on its website at: <a href="https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs">https://oakgov.com/government/water-resources-commissioner/resources/education/educational-school-programs</a>. In FY 2024, the site received <b>129</b> visits and in FY 2025 it received <b>184</b> visits.</p>
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Green Stormwater Infrastructure  
(GSI) Education

The WRC hosts a website on GSI: <https://oakgov.com/government/water-resources-commissioner/stormwater/green-infrastructure>  
-There were **297** website hits in FY2024 and **247** in FY2025 to the GSI website.

In FY2024, the 4th annual Master Rain Gardener Certification Program was held virtually from Jan. 25 - Feb. 22, 2024. The course is taught virtually, with in person rain garden tours, with many project partners including: Washtenaw County Water Resources, Huron River Watershed Council, Friends of the Rouge, River Raisin Watershed Council, Clinton River Watershed Council, Oakland County Water Resources, Friends of the Detroit River, and the Huron-Clinton Metroparks. There were a total of 100 participants in the 2024 virtual class.

In FY2025, the 5th annual Master Rain Gardener Certification Program was held virtually from Jan. 30 - Feb. 27, 2025. The course is taught virtually, with in person rain garden tours, with many project partners including: Washtenaw County Water Resources, Huron River Watershed Council, Friends of the Rouge, River Raisin Watershed Council, Clinton River Watershed Council, Oakland County Water Resources, and the Huron-Clinton Metroparks. There were a total of 92 participants in the 2025 virtual class representing the following watersheds and other areas in MI and outside of MI: Raisin River Watershed: 3, or 3.3%; Rouge River Watershed: 30, or 32.6%; Clinton River Watershed: 10, or 10.9%; Huron River Watershed: 35, or 38%; Detroit River Watershed: 5, or 5.4%; Outside of Southeast MI: 9, or 9.8% (included one person from PA and one from NC).

More information about the program can be found online at: [www.MasterRainGardener.org](http://www.MasterRainGardener.org).

A mapping application developed by Washtenaw County is available to view projects submitted by those that have installed rain barrels, rain garden, native plant gardens and more at: <https://gisappsecure.ewashtenaw.org/public/rainscaping/?page=Home>

As of FY 2025, a total of **546,200** gallons of stormwater are managed annually in Oakland County via **135** green infrastructure practices (native habitat gardens, rain gardens, trees and rain barrels) that have been installed and mapped through the application in Oakland County.

Oakland County hosts a website with a host of education resources on native plants and their benefits at: <https://www.oakgov.com/community/oakland-county-parks/get-involved/native-plant-information>. In FY 2024, there were **8,896** website hits and **9,396** website hits in FY 2025. That's a remarkable amount of interest in the Native Plant Giveaway over previous years of the program!

OC Parks:

In FY 2025, Parks staff hosted a Green Stormwater Infrastructure Training with guest speaker Dr. Don Carpenter from Drummond Carpenter. There were approx. 60 attendees present. Dr. Carpenter shared the benefits of GI, provided an overview of GI BMPs and concluded with a field trip to show interested attendees how to conduct a soil infiltration test. A variety of useful resources were shared with attendees, including info sheets on the benefits of GI and questions to ask when considering new GI projects. Both resources are included in **Appendix 1**.

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Household Hazardous Waste Recycling Program

In FY 2024, the Oakland County Planning & Local Business Development Dept. sponsored four (4) household hazardous waste disposal days: April 27, June 1, July 20 and September 14, 2024. The April 27 event was held at the Oakland County Service Center in Pontiac, the June 1 event at Oxford Middle School in Oxford, the July 20 event at Kensington Church in Orion Township, and the September 14 collection event at the Oakland County Service Center in Pontiac. A total of **513,065 pounds** of household hazardous waste was collected from 3,733 participants during the four collection events. Of that total, **86,360 pounds** of electronics were collected and recycled during the April and September 2024 NoHaz events.

In FY 2025, the Oakland County Planning & Local Business Development Division sponsored four (4) household hazardous waste disposal days: April 12, June 7, July 19 and September 13, 2025. The April 12 event was held at Pine Knob Music Theatre in Clarkston, the June 7 event at Oxford Middle School in Oxford, the July 19 event at Kensington Church in Orion Township, and the September 13 collection event at the Oakland County Service Center in Pontiac. A total of **567,914 pounds** of household hazardous waste was collected from 4,045 participants during the four collection events. Of that total, **179,410 pounds** of electronics were collected and recycled during the 2025 NoHaz events.

Since the program began in 2003, residents of more than 76,000 households have disposed of more than **10.2 million pounds** of hazardous materials which have been recycled or disposed of properly.

There are two solid waste authorities in the southern portion of the county that handle the waste for several member communities. One of these authorities holds several household hazardous waste collection events for residents, while the other offers year-round service for residents of its member communities.

A few communities offer their own collection events each year.

Information on household hazardous waste disposal in Oakland County is available online at: [www.nohaz.com](http://www.nohaz.com).

There were **32,051** website hits in FY 2024 and **34,436** website hits in FY 2025 to the County's Household Hazardous Waste Recycling Information.

Inland Lake Education Program

**MSU-Extension:**  
Several educational programs were held on understanding lake ecology and the importance of natural shorelines on inland lakes. Programs were held for lake residents, natural resource professionals, lake managers, elected and appointed government officials, and educators.

The Introduction to Lakes Online course ran two times; once between January- March 2024 with 50 out of 285 participants from Oakland County and January- March 2025 with 26 of 318 participants from Oakland County. Topics included lake ecology, watersheds, shorelines, water law, aquatic plants, and citizen involvement. There were also three live chat sessions during each course.

Lake ecosystem content was also included in the Michigan Conservation Stewards Programs held in Fall 2023 in which 25 individuals were enrolled in the Oakland cohort. The program was also held in Fall 2025 in which 30 individuals were enrolled in the Oakland cohort. See MCSP section below for details.

MSU, in partnership with the Michigan Natural Shoreline Partnership, offered the Michigan Certified Natural Shoreline Professional Training and Certification Program. This training is designed specifically for professional landscape, natural resource, and marine contractors to design, implement and maintain natural shoreline landscapes on inland lakes. A Michigan Natural Shoreline Partnership training (2 days of in-class training and one summer field installation day) for contractors was held on March 12-13, 2024 to train 23 shoreline contractors how to design and install natural shorelines on inland lakes, with the field day on June 12, 2024. Another training was held on March 19-20, 2025 at Lake St. Clair Metropark in which 51 contractors were trained, with the field demonstration taking place on June 10, 2025 at Stony Creek Metropark in Shelby Township.

In 2023, the Clean Boats, Clean Waters Program, funded through the Great Lakes Initiative and is a partnership between MSU Extension and the Michigan Department of Great Lakes and Energy, awarded up to \$3,000 to organizations communicating aquatic invasive species prevention information through outreach materials and in-person educational events to boaters. In 2023, the Lakeville Property Owners Association received funding to support installing a CD3 roadside boat cleaning station at the Lakeville Lake DNR Boat launch, hosting educational events, and sharing information and resources with property owners. The CBCW Boat Wash unit made visits to the following visits to Oakland County Lakes: Walled Lake in 2023; Walled Lake and Maceday Lake in 2024; and Walled Lake and Maceday Lake in 2025.

MSU-Extension hosts a website dedicated to learning all about Michigan inland lakes at: <https://www.canr.msu.edu/michiganlakes/online-learning>

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Interpretive Signage	<p><b>OCPRC:</b> In FY2022, OCPR Maintained Aquatic Invasive Species (AIS) Interpretive Signs at Addison Oaks, Groveland Oaks, Highland Oaks, Independence Oaks, Orion Oaks and Rose Oaks - all parks with fishing access. Interpretive signage detailing a CMI-funded Waterford Oaks Storm water Improvements Project and associated BMPs installed at the park were also maintained. Brochures regarding state boating law changes related to AIS continued to be distributed and permanent stand holders were installed at Addison Oaks and Independence Oaks with AIS information. Additionally, a stormwater-specific brochure was created to support ongoing efforts at Springfield Oaks to update stormwater infrastructure. That brochure was distributed to the public via the Oakland County Fair staff.</p> <p>OCPR is currently in the process of developing and updating all of the interpretive signage throughout the park system. This will include approximately 4 signs with water-related content, including a dedicated stormwater sign.</p>
Invasive Species Management and Education and Outreach	<p><b>OCPRC:</b> OCPR maintains a sizable invasive species management program within the Natural Resources Department, responsible for strategic management of invasive species throughout the park system's 6,800 acres.</p> <p>OCPR holds blanket contracts with aquatic spray and biocontrol contractors for the purposes of combating identified locations of aquatic invasive species inhibiting recreational use or ecological health of OCPR's inland lakes. Blanket contracts for upland invasive species control are also held.</p> <p>As part of OCPRC's invasive species management program, OCPRC requires contractors involved in natural resource vegetation management to perform equipment-cleaning good housekeeping practices to limit the introduction and spread of upland and aquatic invasives in park natural areas.</p> <p>In FY 2024, approximately 1,562 acres of invasive species were treated. In FY 2025, approximately 76 acres of aquatic invasive species were treated, 1,438 acres of terrestrial invasive species were treated chemically, and 788 acres were treated physically (forestry mowing/ hand pulling, etc).</p> <p>The Oakland County CISMA is a partnership of county and local governments, non-profit organizations and universities with a focus on managing the spread of numerous invasive species. Information on the Oakland County Cooperative Invasive Species Management Area (CISMA) is available online at: <a href="https://www.michiganinvasives.org/occisma/">https://www.michiganinvasives.org/occisma/</a>, <a href="https://oaklandinvasivespecies.org/">https://oaklandinvasivespecies.org/</a>, and at <a href="https://www.sixriversrlc.org/oakland-county-cisma">https://www.sixriversrlc.org/oakland-county-cisma</a>.</p> <p><b>OCFM:</b> FY 2024 - Continued mowing of European Buckthorn seedlings and <i>Phragmites</i> FY 2025 - continued mowing of European Buckthorn seedlings and <i>Phragmites</i></p> <p><b>WRC:</b> In FY 2024 and 2025, the WRC treated the following drains and basins for <i>Phragmites australis</i> : Caddell Drain and associated North and South Basins – 10.12 acres Tribute Drain Basins – 1.9 acres Maple Creek Drain Basin A - .36 acres Hidden Creek Drain Basin - .15 acres Bishop Drain Basin – 1.5 acres Wyndgate Basin 2 - .13 acres Arthur Drain – 4.75 Acres Upper Straits Lake Level Structure - .05 acres Randolph Street Inter-County Drain .04 acres Reid and Branch Drain - .78 acres Bunny Run Lake Level Structure - .12 acres</p>

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Kids' Clean Water Calendar Contest

FY 2024:  
-A total of 570 4th and 5th graders across Oakland County participated in the 2024 Kids' Clean Water Calendar Contest.  
-A total of 5,500 calendars were distributed across Oakland County.  
-Drawings were submitted from students representing 32 classes from 26 schools in 11 districts. This included 22 separate entries from individual residents.  
-An online gallery of the 2024 contest winners is available at: <https://www.oakgov.com/government/water-resources-commissioner/about/education/kids-clean-water-calendar-contest/2024-contest-gallery>

FY2024 Press on the 2024 and 2025 Calendars:  
- <https://oaklandcounty115.com/2023/12/20/clean-water-calendar-contest-winners-announced-plus-how-to-get-yours/>  
- [https://www.theoaklandpress.com/2023/12/28/troy-student-continues-streak-of-winning-entries-for-county-calendar/?utm\\_email=C49EF481C5F35428443A545035&utm\\_source=istrak&utm\\_medium=email&utm\\_term=https%3a%2f%2fwww.theoaklandpress.com%2f2023%2f12%2f28%2ftroy-student-continues-streak-of-winning-entries-for-county-calendar%2f&utm\\_campaign=michigan-oakland-press-morning-update&utm\\_content=automated](https://www.theoaklandpress.com/2023/12/28/troy-student-continues-streak-of-winning-entries-for-county-calendar/?utm_email=C49EF481C5F35428443A545035&utm_source=istrak&utm_medium=email&utm_term=https%3a%2f%2fwww.theoaklandpress.com%2f2023%2f12%2f28%2ftroy-student-continues-streak-of-winning-entries-for-county-calendar%2f&utm_campaign=michigan-oakland-press-morning-update&utm_content=automated)  
-WRC promoted the 2025 Kids Clean Water Calendar Contest on its Facebook page weekly during the month of September. An example ad posted on 9/6/2024 can be viewed at: <https://www.facebook.com/share/p/9b7zPZjVsB9cbsax/>  
-An article promoting the 2025 contest was published in the LegalNews.com online publication on September 25, 2024 at: <https://legalnews.com/Home/Articles?DataId=1548015>

In FY 2024, there were a total of **2,928** hits to the Calendar Contest website.

FY 2025:  
-A total of 734 4th and 5th graders across Oakland County participated in the 2025 Kids' Clean Water Calendar Contest.  
-A total of 5,500 calendars were distributed across Oakland County.  
-Drawings were submitted from students representing 32 classes from 22 schools in 14 districts. This included 22 separate entries from individual residents.  
-An online gallery of the 2025 contest winners is available at: <https://www.oakgov.com/government/water-resources-commissioner/about-us/education/kids-clean-water-calendar-contest/2025-contest-gallery>

2025 Calendar Press:  
9/25/2024: The LegalNews.com online publication published an article highlighting how to enter the 2025 Kids Clean Water Calendar and is available online at: <https://legalnews.com/Home/Articles?DataId=1548015>  
12/15/2024: The artwork of the 12 monthly winners of the 2025 Kids Clean Water Calendar Contest were featured on WRC's Facebook page: <https://www.facebook.com/share/r/1DyFUs7huv/>  
12/15/2025: Highlights from the 2025 Kids Clean Water Calendar Contest award ceremony and luncheon at the Cranbrook Institute of Science on Dec. 14, 2024 was shared on WRC's Facebook page: <https://www.facebook.com/share/p/1J2JU1rY7i/>  
1/24/2025: An AI-generated online article via the Citizen Portal was published featuring details about the 2025 Kids Clean Water Calendar Contest grand prize winner, Vipra Parilesh Jain, being honored at the January 2025 Board of Commissioner's meeting and is available online at: <https://citizenportal.ai/articles/2176682/Oakland-County/Michigan/Rochester-Hills-student-Vipra-Jain-wins-Kids-Clean-Water-Calendar-cover-art-contest>  
1/27/2025: The Rochester Community Schools Facebook page recognized the grand prize winner's recognition event at the January Board of Commissioner's meeting at: <https://www.facebook.com/share/p/1HU7zZZ25B/>  
1/28/2025: The grand prize winner of the 2025 contest and her recognition at the January 2025 Board of Commissioner's meeting was highlighted on WRC's Facebook page at: <https://www.facebook.com/share/p/1XTm7F79mG/>  
1/30/2025: The C&G Newspapers published an online article featuring details about the 2025 Kids Clean Water Calendar Contest and the other great work that the WRC does to protect our natural resources. It's available online at: <https://www.candgnews.com/news/oakland-county-board-recognizes-winners-in-ecofriendly-calendar-contest-7521>

In FY 2025, there were a total of **1,156** hits to the Calendar Contest website.

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Lake Improvement Board Assistance	<p>-The WRC continues to serve as one of the members on designated Lake Improvement Boards. Within Oakland County, there are currently 48 Lake Improvement Boards that have been established to address relevant lake improvement issues, including the oversight of aquatic weed control programs, nuisance control and other riparian homeowner educational activities.</p> <p>WRC Lake Improvement Board meetings and related information are posted on the WRC Web site at: <a href="https://www.oakgov.com/government/water-resources-commissioner/resources/public-meetings/lake-improvement-board-meetings">https://www.oakgov.com/government/water-resources-commissioner/resources/public-meetings/lake-improvement-board-meetings</a></p> <p>There were <b>1,364</b> website hits in FY 2024 and <b>1,119</b> website hits in FY 2025 to WRC's lake improvement boards website.</p>
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Master Rain Gardener Certification Program (Virtual)	<p>In FY2024, the 4th annual Master Rain Gardener Certification Program was held virtually from Jan. 25 - Feb. 22, 2024. The course is taught virtually, with in person rain garden tours, with many project partners including: Washtenaw County Water Resources, Huron River Watershed Council, Friends of the Rouge, River Raisin Watershed Council, Clinton River Watershed Council, Oakland County Water Resources, Friends of the Detroit River, and the Huron-Clinton Metroparks. There were a total of 90 participants in the 2024 virtual class.</p> <p>In FY2025, the 5th annual Master Rain Gardener Certification Program was held virtually from Jan. 30 - Feb. 27, 2025. The course is taught virtually, with in person rain garden tours, with many project partners including: Washtenaw County Water Resources, Huron River Watershed Council, Friends of the Rouge, River Raisin Watershed Council, Clinton River Watershed Council, Oakland County Water Resources, and the Huron-Clinton Metroparks. There were a total of 92 participants in the 2025 virtual class with representation in the area watersheds as follows: Raisin - 3.3% (3 students), Rouge - 32.6% (30 students), Clinton - 10.9% (10 students), Huron - 38% (35 students), Detroit - 5.4% (5 students) and 9.8% (9 students) from folks outside of SE Michigan, including two from out of state (North Carolina and Pennsylvania)!</p> <p>More information about the program can be found online at: <a href="http://www.MasterRainGardener.org">www.MasterRainGardener.org</a>.</p> <p>A mapping application developed by Washtenaw County is available to view projects submitted by those that have installed rain barrels, rain garden, native plant gardens and more at: <a href="https://gisappsecure.ewashtenaw.org/public/rainscaping/?page=Home">https://gisappsecure.ewashtenaw.org/public/rainscaping/?page=Home</a> As of FY 2025, a total of <b>546,100</b> gallons of stormwater are managed annually in Oakland County via <b>169</b> green infrastructure practices (native plantings, trees, rain gardens, shoreline restoration and rain barrels) that have been installed and mapped through the application in Oakland County.</p>
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Michigan Green Schools Program	<p>For the 2023-2024 school year, the 17th year for the program in Oakland County, 92 Oakland County schools earned the Michigan Green School designation by participating in a minimum of 10 out of 20 environmental and/or energy saving activities. 18 of the schools received the special designation of Emerald Schools by successfully participating in 15-19 activities and 55 schools participated in 20 or more activities to earn the special designation of Evergreen status.</p> <p>For the 2024-2025 school year, the 18th year for the program in Oakland County, 94 schools were designated a Michigan Green School. There were 16 schools that also received the special designation of Emerald status by successfully earning an additional 15 points for extra activities and 62 schools earned the Evergreen status, by receiving an extra 20 points.</p> <p>Information on the program for Oakland County is available on Oakland Schools' Web site at: <a href="https://www.oakland.k12.mi.us/student-programs/environmental">https://www.oakland.k12.mi.us/student-programs/environmental</a></p>
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Natural Resources Education Program	<p><b>OCPRC:</b> <b>**See also activities described under 'workshops/ seminars' and 'presentations/ displays'</b></p> <p>OCPR continues to display and distribute OCPR 'Stop Aquatic Hitchhikers' Brochures and educational items which provide ID and control information for the top AIS found at OCPR parks and species of emerging concern including Eurasian watermilfoil, purple loosestrife, curly leaf pondweed, European Frogbit, starry stonewort and Red Swamp Crayfish. These brochures are kept and distributed via contact stations and boathouses at parks that have public boat access. OCPR also operated two mobile boat wash stations (CD3-Clean, Drain, Dry Dispose Mobile Boat Cleaning Station) across the County from late May to late September that provided educational information about aquatic invasive species including prevention, identification and decontamination practices.</p>
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Action/Activity	<p style="text-align: center;"><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
Oakland County Environmental Stewardship and Water Resource Websites	<p>WRC, OCPLBD, OCPRC and MSU-Extension Oakland County maintain environmental stewardship and/or water resource information on their Web sites at:            OCPLBD: <a href="https://www.oakgov.com/community/community-development/environmental-stewardship">https://www.oakgov.com/community/community-development/environmental-stewardship</a> (a total of <b>1,427</b> website hits in FY 2024 and 2025)            WRC: <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a> (a total of <b>7,061</b> website hits in FY 2024 and 2025)            WRC 24-Hour Pollution Hotline: <a href="https://oakgov.com/government/water-resources-commissioner/stormwater/24-hour-pollution-hotline">https://oakgov.com/government/water-resources-commissioner/stormwater/24-hour-pollution-hotline</a> (a total of <b>467</b> website hits in FY 2024 and 2025)            OCPRC: <a href="https://oakgov.com/community/oakland-county-parks/get-involved/natural-resources-management">https://oakgov.com/community/oakland-county-parks/get-involved/natural-resources-management</a> (a total of <b>1,943</b> website hits in FY 2024 and 2025)            MSU-Extension: <a href="https://www.canr.msu.edu/natural_resources/">https://www.canr.msu.edu/natural_resources/</a> (website hit data unavailable)            Office of Sustainability: <a href="https://www.oakgov.com/community/sustainability">https://www.oakgov.com/community/sustainability</a> (a total of <b>15,739</b> website hits in FY 2024 and 2025)</p> <p>In FY 2018, Oakland County Information Technology developed a Seven Simple Steps to Clean Water Story Map and that is available at: <a href="https://oakgov.maps.arcgis.com/apps/Cascade/index.html?appid=1676f95c659d408e94bf73096db93387">https://oakgov.maps.arcgis.com/apps/Cascade/index.html?appid=1676f95c659d408e94bf73096db93387</a>; a link to the Story Map is on WRC's "Seven Simple Steps to Clean Water" website at: <a href="https://oakgov.com/government/water-resources-commissioner/resources/education/seven-simple-steps-to-clean-water">https://oakgov.com/government/water-resources-commissioner/resources/education/seven-simple-steps-to-clean-water</a>. The page also promotes the 24-Hour Pollution Hotline and viewers can explore land use changes from 1940 vs. 2017 imagery within Oakland County.</p> <p>There were <b>127</b> website hits in FY 2024 and <b>166</b> website hits in FY 2025 to the WRC's Seven Simple Steps to Clean Water website. The Storymap received <b>3,831</b> hits in FY 2025. To date, the Storymap has received <b>5,244</b> views. Website visits for FY 2024 were unable to be retrieved.</p>
Oakland County Trail Network (OakRoutes) Mapping	<p>-The OakRoutes map is available electronically at: <a href="https://www.oakgov.com/home/showpublisheddocument/44/638023898641100000">https://www.oakgov.com/home/showpublisheddocument/44/638023898641100000</a>. The Oakland County 24-Hr Pollution Hotline information is on this updated map.</p> <p>-The OakRoutes map and additional Regional Trail information is highlighted on an updated website available at: <a href="https://oakgov.com/community/oakland-county-parks/parks-trails/trails">https://oakgov.com/community/oakland-county-parks/parks-trails/trails</a>.</p> <p>There were <b>2,077</b> website hits in FY 2024 and <b>2,250</b> website hits in FY 2025 to OCPRC's parks and trails website.</p> <p>-In FY 2016, Oakland County IT created an interactive Trails Map that can be found at: <a href="https://oakgov.maps.arcgis.com/apps/Profile/index.html?appid=c75cbb32f63c41d4aedb51fae76f7c22">https://oakgov.maps.arcgis.com/apps/Profile/index.html?appid=c75cbb32f63c41d4aedb51fae76f7c22</a>. In FY 2024 and 2025, Countywide location-specific GIS updates were made to the Trail Path and Recreational Land feature classes as needed.</p> <p>In FY 2018, SEMCOG completed 360-degree Mapping of several land and water trails in Oakland County. The Southeast Michigan Trail Explorer site is available at: <a href="https://www.semcoq.org/trailexplorer">https://www.semcoq.org/trailexplorer</a>.</p>
OCSC Facilitation and Participation	<p>WRC maintained correspondence with the OCSC via email related to permit compliance activities and information sharing.</p> <p>The County was issued its new MS4 permit from EGLE, effective January 1, 2021 and expiring on October 1, 2023. It has been extended beyond FY 2023 until the next permit is issued by EGLE which is anticipated in FY 2026.</p>
	<p><b>OCHD:</b>            OCHD offers a septic system installer education class that instructs on the Oakland County Sanitary Code and policies related to onsite wastewater treatment systems. The class is open to contractors wishing to complete installations in Oakland County as well as private homeowners wishing to install their own septic system. There were 11 classes totaling 49 attendees in FY 2024 and 11 classes with 77 attendees in FY2025. Licenses were issued to 283 sewage disposal system installers in FY 2024 and 310 installers in FY 2025.</p>

**Action/Activity**

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Onsite Sewage Disposal  
(Septic System)  
Maintenance Education

**MSUE:**

Topics covered in this programming included introduction to septic systems, proper maintenance, what to do if a system fails including discussion of alternative systems along waterways, implications of onsite wastewater on Michigan's water quality, and water conservation tips to help extend the life of onsite systems. Finally, septic concepts were also taught to youth and adults as part of groundwater model presentations given throughout the year.

MSUE partners each year with a statewide coalition of wastewater professionals to put on the Michigan Onsite Wastewater Conference. In 2024, this conference occurred on January 9-10, 2024 in East Lansing serving 308 participants. In 2025, the conference occurred January 7-8, 2025 in East Lansing, with 287 total participants. Two sessions were focused on Oakland County: "Addressing homeowners and their septic systems" presented by Bindu Bhakta (MSUE) and Mark Hansell (Oakland County Health Division) & "The MI Beach Program: Investigating sources of contamination" presented by Shannon Briggs and Mark Hansell (Oakland County Health Division).

In addition, septic information was provided via MSU Extension news articles and the Septic Education web site ([https://www.canr.msu.edu/septic\\_system\\_education/](https://www.canr.msu.edu/septic_system_education/)). Septic content was included in the following FY 2024-2025 programs: Introduction to Lakes Online Courses, Extension Master Gardener Volunteer Training, and Foundations of Gardening. Several resident inquiries were also fielded on various aspects of septic system management throughout the year.

**WRC:**

-WRC provided displays for two (2) events in FY 2024 that highlighted the public education programs and water resource-related programs offered by Oakland County. The events were held in Bloomfield Hills and Southfield.  
- Office of Sustainability staff tabled at the 4-H Discovery Day event in Davisburg in April 2024 and shared information on hazardous waste disposal, recycling and compost.

In FY 2024:

- 1/9/2024: WRC staffer presented on the RainSmart Rebates Program at the Royal Oak Iron Brewhouse with ~30-40 attendees
- 1/10/2024: WRC staffer presented on the RainSmart Rebates Program at the Royal Oak Library with ~30-40 attendees
- 4/27/2024: WRC staffer presented on the RainSmart Rebates Program at the Royal Oak Garden Club with ~10-15 attendees
- March 2024: WRC staff from the Drinking Water Quality unit answered questions posed from 5th graders at Kingsbury Country Day School related to safe drinking water for their Academic Showcase project.
- July 2024: WRC staff tabled the Oakland County Earth Day event and shared information related to its RainSmart Rebates program and distributed information on watershed education and their annual Kids Clean Water Calendar Contest.
- 8/12/2024: WRC staff attended the Environmental Outreach Expo at the Cranbrook Institute of Science to share resources and environmental education opportunities with K-12 teachers. WRC attended with its Dirt Doctors program and also shared details about its other outreach programs including the EnviroScape Watershed Model, Drain Detectives and Clean Water Calendar Contest. Watershed posters were also distributed to those interested. Approximately 25 teachers were reached at the Expo.

In FY 2025:

- December 2024: Oakland County's Office of Sustainability organized the "Community Conversations: Sustainability Event" in early December 2024. The event serves as a resource and information-sharing conference for leadership from municipalities within Oakland County and neighboring counties. The 2024 event drew 70 attendees from 19 different communities across Southeast Michigan and featured speakers from the US Green Building Council, Great Lakes Water Authority, Oakland County's Planning and Economic Development Dept, WRC and SEMCOG. Representatives from the cities of Southfield, Royal Oak, Ferndale and Wixom also sat on the Organic Waste Panel to discuss options for communities wanting to start a composting program. Lastly, a representative from the University of Michigan's Graham Sustainability Institute and 5 Lakes Energy shared upcoming funding and application opportunities for communities to advance their sustainability initiatives. Details on the event are available on Oakland County's blog at: <https://oaklandcountyblog.com/2024/12/10/community-conversations-sustainability-event-recap-2024/>.
- 3/18/2025: Three (3) WRC staffers presented on the WRC's Stormwater Standards Design Manual and its Soil Erosion and Sedimentation Control Manual updates. The webinar garnered much interest with a total of 174 people either attending the webinar or requesting the information shared during the webinar.
- 5/8/2025: Seven (7) WRC staffers presented "How Water Works - Water Resources Education for Elected and Appointed Officials" to showcase how the WRC office works daily to safeguard water quality, improve infrastructure and make a lasting impact on the residents of Oakland County. A total of 18 officials were able to attend the 2025 event.
- In FY 2025, Commissioner Nash participated in 67 speaking engagements, reaching more than 3,200 people (and likely many more that weren't trackable due to public broadcasting venues) and sharing info on the WRC's role in protecting water resources and the environment.

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Presentations and Displays

**OCPRC CISMA:**

- 1/29/24 - The Stewardship Network Conference Presentation on aquatic invasive species - 15 attendees
- 2/25/24 - Ferndale Think Spring Event – aquatic invasive species - 25 attendees
- 3/30/24 - Spring Invasive Species Summit - aquatic invasive species - 35 attendees
- 4/29/24 - Village of Bingham Farms - aquatic invasive species - 12 attendees
- 5/15/24 – NOWO - aquatic invasive species - 28 attendees
- August – September 2024 - EFB outreach individual contacts - aquatic invasive species - 22 attendees
- 10/29/24 - Oakland Twp talk - aquatic invasive species - 23 attendees
- 2/23/2025 - Ferndale Think Spring Tabling - Aquatic Invasive Species - 47 attendees
- 3/13-3/16/2025 - Novi Boat Show - Aquatic invasive species, GSI practices, aquatic native plants - 476 attendees
- 5/30-5/31/25 - Spring Native Plant Events - GSI practices - 476 attendees
- 7/10/2025- EFB mailers - Aquatic Invasive Species information - 1612 mailers sent
- 8/1/2025 - Forest and field foray - Aquatic invasive species - 30 attendees
- 9/20/2025 - Fall Native Plant Event - GSI practices - 104 attendees

**OCPLBD:**

FY 2024:

- 10/19/2023, 11/29/2023, 12/5/2023, 1/24/2024, 2/28/2024, 3/27/2024, 4/30/2024, 5/22/2024, 6/26/2024, 7/24/2024, 8/20/2024, 9/24/2024 – Hosted Planner’s Gathering workshops with the following topics: The Trail Planning Process, SEMCOG 2050 Regional Forecast – Oakland County By the Numbers, Holiday Gathering – Community Updates, Water Resources Commissioners Office Groundwater Standards – Draft MEPs, Sidewalk System Programs, DTE/Consumers/ITC – Utility Coordination, Oakland County Workforce Development, Malls/Big Box Stores – What to do with them when they go dark, Oakland County Brownfield Program, Tiny Homes – Cass Community Social Services, Oakland County Materials Management Plan Update Process.
  - 10/5/2023, 3/8/2024, 6/24/2024 - Hosted the Trail, Water & Land Alliance (TWLA) meetings with the following topics: Bowers School Farm, Incorporating Naturally Sustainable Improvements into Urban Park Design, Davisburg Mill Pond Dam Removal and River Restoration, Nine Mile Corridor Urban Trail Feasibility Study, Detroit Wildflower Nursery, HCMA Metropark Trail Connections, Clinton River Watershed Updates, Go Beyond Beauty Program, Washtenaw County Land Preservation, Fish Lake Landing Water Trail Project.
  - Green Infrastructure Vision Presentation to Independence Township Residential Open Space Advisory Committee
  - Green Infrastructure Vision Presentation to Auburn Hills Planning Commission
  - Guest Lecturer at Michigan State University Trail Building, Trail Policy Class
- All Planner’s Gathering Presentations were recorded and are available online at: <https://www.oakgov.com/community/community-development/planning-services/planning-events-trainings/planners-gathering>

FY 2025:

- On 3/18/2025 - Water Resources Commission – New Soil Erosion and Stormwater Standards Manuals (Recording available online at: <https://www.youtube.com/watch?v=C5EXA0V7HGY>)
- On 6/26/2025 - A Walk Through Local Woodland and Wetland Ordinances (Recording available online at: <https://www.youtube.com/watch?v=-5bEdC-P1OY>)
- 10/3/2024, 3/6/2025, 6/9/2025 - Hosted the Trail, Water & Land Alliance (TWLA) meetings with the following topics: Transforming Milford’s Central Park; A River Runs Through It-A Family Legacy Heavner Canoe Rental; Composting Success: Stories from a Growing Field Spurt Industries; Get Into Going Outside with Oakland County Parks; Community Habitat Improvement Project-Kimball Preserve; Using LiDAR to Survey Park and Trail Infrastructure; Bird City Designation Program; Heritage Park and Woodland Hills Restoration-Farmington Hills; Urban Wetland Restoration and Trail Design in Pontiac; Environmental Council of Waterford Overview.
- Began discussions with Milford Township and Huron River Watershed Council to host a Green Infrastructure Visioning Session and Presentation to key stakeholders and update information in Township’s master plan.
- Guest Lecturer at Michigan State University Trail Building, Trail Policy Class

Action/Activity	<p style="text-align: center;"><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
	<p><b>OCHD:</b> FY 2024: - OCHD presented at the Clinton River Water Festival in May 2022. - OCHD presented on the topic of beach safety and water quality monitoring at the Rouge River Water Festival at the Cranbrook Institute of Science on September 17 and 19, 2024. A total of 7 presentations were given and approximately 200 students, teachers and chaperones were reached during the event.</p> <p>FY 2025: OCHD presented at the following festivals to speak with grade school students about our beach monitoring program: - Clinton River Water Festival at Oakland University in Rochester Hills, May 16, 2025 - Rouge River Water Festival at Cranbrook Institute of Science in Bloomfield Hills, September 16 and 18, 2025</p> <p><b>MSUE:</b> Educational material on a variety of topics (soil testing, inland lake management, fertilizer management, stormwater management) were provided at the following events: 2025 Oakland County Native Plant Giveaways in Waterford (5/30/2025) and Milford (5.31.2025); Oakland County Fair (7/12/24 to 250 families); and MSU Science Festival (4/13/24 to 500 participants and 4/5/2025 to 250 participants); Oakland County Bring Your Child to Work Day (4.25.24).</p>
Publicize Environmental-Related Events	<p>In 2024, WRC published 588 posts on Facebook related to natural resource engagement and education. WRC currently has 1,360 followers and made a total of 155,431 impressions.</p> <p>In 2025, Oakland County hosted and publicized 62 events related to natural resources engagement and education. WRC published 278 posts on Facebook related to natural resource engagement and education. WRC currently has 1,573 followers and made a total of 179,696 impressions.</p>
	<p><b>OCPRC:</b> <i>Project List - Projects that improved and/or increased public access to freshwater resources and/or related public education tools on freshwater ecology and storm water quality:</i></p> <ul style="list-style-type: none"> <li>• Catalpa Oaks GSI Installation on-going; Davisburg Dam Removal - dam removed, restoration on-going; Independence Oaks GSI Installation and shoreline restoration on-going; Pontiac Oaks shoreline restoration on-going; Southfield Oaks Floodplain Restoration on-going; Springfield Oaks culvert daylighting - completed; White Lake Oaks culvert daylighting on-going</li> </ul>

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Recreational Use/Access	<p><b>OCPLBD:</b> FY 2024:</p> <ul style="list-style-type: none"><li>• Participated in Healthy Pontiac, We Can Coalition Meetings.</li><li>• Assisted the City of Pontiac with request for proposals, public engagement sessions, preliminary design and graphics for the Columbia Ave Neighborhood Greenway project that will include a trail connector and new pedestrian crossing and HAWK beacon on Telegraph Road to link the residents with Pontiac Oaks County Park. The city plans to seek grant funding to implement the project.</li><li>• Assisted the Polly Ann Trailway Management Council with grant writing assistance to resurface and modernize 16.9 miles of trail in northeast Oakland County. Currently awaiting grant award announcements from Federal Highway.</li><li>• Participated in the Huron Clinton Metroparks trail visioning sessions to link the Metroparks in the region with walking/biking paths.</li><li>• Assisted with the Huron Valley Trail Safety Audit.</li><li>• Assisted Huron Valley Trail with new mile markers.</li><li>• Assisted City of Rochester to write grants and prepare graphics to notify public of two major washouts on the Clinton River Trail.</li><li>• Attended Trail Council Meetings for the Huron Valley Trail, MI Air Line Trail, Polly Ann Trail, Clinton River Trail.</li><li>• Provided grant letters of support for various trail and park projects</li></ul> <p>FY 2025:</p> <ul style="list-style-type: none"><li>• Participated in Healthy Pontiac, We Can Coalition Meetings.</li><li>• Collaborated with the City of Pontiac to host The Conservation Fund's Peer Exchange with about 100 participants from around the country. The Columbia Ave Neighborhood Greenway project and Norton Street Green Space were featured on the tour. The City intends to seek grant funding to implement the Columbia Ave Greenway project.</li><li>• Assisted the DNR with grant writing assistance to resurface and modernize 37 miles of the Polly Ann Trail in northeast Oakland County and Lapeer County. Funding was awarded from the MI Health Endowment Fund for Preliminary Engineering.</li><li>• Continue to assist the City of Rochester to mitigate two major washouts on the Clinton River Trail. Funding has been secured, contract has been awarded, and construction is anticipated late 2025-2026.</li><li>• Construction is underway on the Clinton River Trail-North Spur project in the City of Pontiac anticipated to be complete in 2026.</li><li>• Collaborated with Oakland Bird Alliance, Oakland County Parks, and others to seek a Bird City designation from Michigan Audubon.</li><li>• Attended Trail Council Meetings for the Huron Valley Trail, MI Air Line Trail, Polly Ann Trail, Clinton River Trail.</li><li>• Provided grant letters of support for various trail and park projects.</li></ul>
Recreational Vehicle Waste Dumpsites	<p>The WRMD website has a link to RV dumpsites in MI and is available at: <a href="https://www.oakgov.com/community/community-development/waste-recycling/waste-recycling-resources">https://www.oakgov.com/community/community-development/waste-recycling/waste-recycling-resources</a> (under the "Statewide" dropdown, then click on "Recreational Vehicle Dump Stations in Michigan").</p> <p>A searchable list of RV dump sites in Michigan is also available online at: <a href="https://www.sanidumps.com/">https://www.sanidumps.com/</a>.</p> <p>There were <b>40,563</b> website hits in FY 2024 and <b>41,741</b> website hits in FY 2025 to the County's Waste and Recycling Resources website.</p>

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<p>Regional Public Education Efforts</p>	<p>The WRC Environmental Team staff regularly attend meetings of the Southeast Michigan Partners for Clean Water. Material developed through the Ours to Protect campaign is used in ongoing public education efforts. A Web site for the public education campaign has been developed and is located at: <a href="http://www.semcoq.org">www.semcoq.org</a>. The Web site includes actions the public can take to protect our water resources. The WRC has a web site with information on the Seven Simple Steps to Clean Water at: <a href="https://www.oakgov.com/government/water-resources-commissioner/resources/education/seven-simple-steps-to-clean-water">https://www.oakgov.com/government/water-resources-commissioner/resources/education/seven-simple-steps-to-clean-water</a>. SEMCOG's web site is available at: <a href="https://www.semcoq.org/what-you-can-do/to-protect-our-waterways">https://www.semcoq.org/what-you-can-do/to-protect-our-waterways</a>. Oakland County is an active member of SEMCOG and provides ongoing financial support to continue these regional educational programs.</p> <p>SEMCOG is a crucial partner to the County in implementing the Phase II stormwater permit. A complete listing of all of SEMCOG's supporting programs can be found in <b>Appendix 3</b>, "Partners for Clean Water Annual Report, 2024 and 2025".</p> <p>In a partnership between SEMCOG, the Great Lakes Water Authority and the Cranbrook Institute of Science, a regional public education campaign was unveiled in FY 2019 called "One Water". The goal of the campaign is to bring greater awareness of the connection between our drinking water, wastewater and stormwater systems and how it is all "One Water" and a resource that must be cared for with a shared responsibility. The tools of that campaign include: educational videos, Public Service Announcements on television and radio, billboard advertisements, tip cards, a blog series (one article on each topic of stormwater, wastewater and drinking water), an online resource center and giveaways including FOG disposal bags, reusable water bottles and pet waste baggies. The resource materials are available online at: <a href="https://www.semcoq.org/mionewater">https://www.semcoq.org/mionewater</a>.</p> <p>Commissioner Nash was featured in a OneWater video highlighting programs and best practices in Oakland County and is available online at: <a href="https://www.youtube.com/watch?v=W0JHQ1XSNmI">https://www.youtube.com/watch?v=W0JHQ1XSNmI</a>. As of September 30, 2025, the video has received 581 views.</p>
<p>Regional Stormwater Summit</p>	<p>In FY 2024, the 10th Annual Stormwater Summit was held at Lawrence Technological University in Southfield on October 20, 2023 with approximately 210 attendees. Agenda and registrant list is available upon request.</p> <p>In FY 2025, the 11th Annual Stormwater Summit was held at Lawrence Technological University in Southfield on October 4, 2024 with nearly 200 attendees. Event details are available online at: <a href="https://www.mi-stormwatersummit.com/">https://www.mi-stormwatersummit.com/</a>. Agenda and registrant list is available upon request.</p>
<p>Riparian Information Distribution</p>	<p>-To date, more than 17,800 Waterfront Wisdom booklets have been distributed. The Waterfront Wisdom booklet was updated in FY2026. The digital version can be found online at: <a href="https://heyzine.com/flip-book/f50ec5c94f.html">https://heyzine.com/flip-book/f50ec5c94f.html</a> and 500 copies were printed in hard copy for distribution. An excel spreadsheet that details the distribution list is available upon request</p> <p>-There were <b>4,421</b> website hits during FY 2024 and <b>2,640</b> website hits in FY 2025 to WRC's website on riparian education.</p>

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River Day Events

**WRC:**

In FY 2024, the 10th annual Art Fish Fun festival was held on June 8, 2024 with approximately 600 attendees and a variety of vendors and environmental activities representing 70 people from 33 different companies, non-profits and community organizations. A park cleanup was also held from 11 am to noon with 16 volunteers that collected 18 bags of garbage from the park. There were a total of 18 event sponsors, including both monetary and in-kind, which helped to keep the event free to the public.

In FY 2025, the 11th annual festival was held on June 7, 2025 with more than 500 people and 25 local organizations that joined the WRC to celebrate River Day. Since 2013, Commissioner Nash has brought people together at Beaudette Park in the City of Pontiac to kick off the summer by learning about the environment, fishing, making crafts, playing games and enjoying a delicious barbecue lunch. Events like this deepen our personal connections with the residents in the communities we serve and give us a chance to make learning about water fun and interactive. Special thanks to volunteers from Nowak & Fraus and Lawrence M. Clarke who joined us all day to assist with serving food during lunch and garbage removal from the park cleanup.

The festival was hosted in collaboration with WRC, Pure Oakland Water, Clinton River Watershed Council, The Art Experience in Pontiac and the City of Pontiac.

**OCPRC:**

OCPR did not participate in any River Day events in FY 2024 or 2025.

**CRWC:**

In FY 2024, the CRWC publicized and promoted 19 recreation and stewardship events in celebration of River Day (Saturday, June 8th) within the watershed. There were approximately 1,181 attendees watershed-wide, and 459 t-shirts were distributed to the public. CRWC hosted a non-native watercress pull with volunteers to continue managing a thick mat of watercress growing in Avon Creek. Other events included a paddling race, community beautification, trash clean ups, fishing derbies, and family fun events.

In FY 2025, 15 recreation and stewardship events within the watershed were promoted and publicized with approximately 1,061 attendees watershed-wide. See Appendix E of **Appendix 20** for a complete list of River Day activities and event locations for FY 2024 & 2025.

School Program - Clinton River Water Festival at Oakland University

In FY 2024, the 18th annual festival was held on May 17, 2024 at Oakland University in Rochester Hills. A total of 34 classes from 14 schools attended – a total of approximately 851 students and 174 teachers and chaperones were educated about the importance of water in their daily lives in the Clinton River watershed. A total of 35 different stations were visited by the classes represented by a variety of public and private water resource professional organizations.

- WRC Dirt Doctors presented to 5 classes, approximately 131 students and 26 teachers/chaperones
- WRC Enviroscope presented to 5 classes, approximately 127 students and 25 teachers/chaperones
- MSU-Extension Oakland County presented "All of Our Water is Connected and Ours to Protect" to 5 classes, approx. 127 students and 25 teachers/chaperones
- MSU-Extension 4H presented "Wetland Wonders" to 5 classes, approx. 127 students and 25 teachers/chaperones

In FY 2025, the 19th annual festival was held on May 16, 2025 at Oakland University. A total of 38 classes from 17 schools attended – reaching a total of more than 900 students and 175 teachers and chaperones. A total of 39 different stations were visited by the classes represented by a variety of public and private water resource professional organizations.

Planning partners for the annual Clinton River Water Festival include the WRC, Clinton River Watershed Council, Cranbrook Institute of Science, and Oakland University's department of Pre-College Programs with sponsorship funding provided by Pure Oakland Water and WM. Special thanks also to Shawn Keenan, Planner with the City of Sterling Heights, whom continued to help with the Water Festival on his own personal time after his departure from the City of Auburn Hills.

- WRC Dirt Doctors presented to 5 classes, approximately 126 students
- WRC presented the Enviroscope Watershed Model to 5 classes, approx. 117 students
- Oakland County Sheriff's Office presented "Water Safety" to 5 classes, approx. 146 students
- Oakland County Health Dept. presented "Beach Monitoring" to 5 classes, approx. 146 students
- MSU-Extension Oakland County presented "All Our Water is Connected" to 5 classes, approx. 118 students

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<p>School Program - Detroit River Water Festival on Belle Isle in Detroit</p>	<p>In FY 2024, the festival was held on September 25 and 26, 2024. A total of 22 classes from 9 schools participated. The festival was open to 4th and 5th graders in the Detroit Public Schools. A total of 653 students and 71 teachers and chaperones attended. There were 15 organizations that presented, 53 volunteers and 10 Friends of the Detroit River staff to make the 2024 festival a success.</p> <p>Photos and video of the 2024 Festival are available online at: <a href="https://drive.google.com/drive/folders/1s5D5AKemr3wvcZh68-MnA-7zP3Dchblk">https://drive.google.com/drive/folders/1s5D5AKemr3wvcZh68-MnA-7zP3Dchblk</a>.</p> <p>The WRC Dirt Doctors presented to 4 classes, approximately 247 students and 4 teachers.</p> <p>In FY 2025, the festival was held on Sept. 23 and 24, 2025. A total of 746 4th, 5th grade and high school students from Detroit were engaged in outdoor, interactive presentations! The festival also reached 53 teachers and chaperones. A total of 11 schools representing 26 classes were able to participate. Fifteen (14) different organizations presented at the festival. Forty-five (45) volunteers and 9 staffers from the Friends of the Detroit River were also integral to the success of the 2025 festival. Photos and videos from this year's festival are available online at: <a href="https://drive.google.com/drive/folders/16ysgKehuVNaAKgNWJrnJXfhCDS28YOcc">https://drive.google.com/drive/folders/16ysgKehuVNaAKgNWJrnJXfhCDS28YOcc</a>.</p> <p>The WRC Dirt Doctors presented to 8 classes, approximately 225 students and 8 teachers.</p> <p>The WRC also presented the Drain Detectives program to 8 classes, approximately 201 students and 8 teachers.</p>
<p>School Program - Detroit River Water Festival - Detroit River International Wildlife Refuge in Trenton</p>	<p>In FY 2024, the inaugural Detroit River Water Festival in Trenton on the grounds of the Detroit River International Wildlife Refuge was held on May 7, 2024. A total of 217 Downriver 4th and 5th grade students and 17 teachers/chaperones from three (3) different schools attended. Eight (8) organizations presented on a variety of topics related to water resources and the environment. Event photos are available on line at: <a href="https://drive.google.com/drive/folders/1B7JHwkRcyH_bK9PEQpYpRE6BBR9Yy1Kz">https://drive.google.com/drive/folders/1B7JHwkRcyH_bK9PEQpYpRE6BBR9Yy1Kz</a>.</p> <p>The WRC Dirt Doctors presented to four classes, approx. 100 students and 8 teachers/chaperones.</p> <p>In FY 2025, the 2nd annual Detroit River Water Festival in Trenton on the grounds of the Detroit River International Wildlife Refuge was held on May 6 and 7, 2025. A total of 409 Downriver 4th and 5th grade students and 41 teachers/chaperones from five (5) different schools attended. Eight (8) organizations presented on a variety of topics related to water resources and the environment. Event photos are available on line at: <a href="https://drive.google.com/drive/folders/1mgae3XalrbsC1eZNIPop9BSI49bC3N9">https://drive.google.com/drive/folders/1mgae3XalrbsC1eZNIPop9BSI49bC3N9</a>.</p> <p>The WRC Dirt Doctors presented to eight (8) classes, approx. 224 students and 32 teachers/chaperones.</p>
<p>School Program - Lake Erie Water Festival at IHM Motherhouse in Monroe</p>	<p>Unfortunately the 2024 event was the same day as the Lake St. Clair Water Festival in Macomb so the WRC's Dirt Doctors were unable to attend.</p> <p>In FY 2025, the Lake Erie Water Festival was held on May 14, 2025. The event brought in 236 students from 4 different schools.</p> <p>The WRC Dirt Doctors presented to four (4) classes from two (2) different schools, approximately 117 students.</p>
<p>School Program - Lake St. Clair Water Festival at Macomb Community College</p>	<p>In FY 2024, the 17th annual festival was held on May 14, 2024. 1,267 participants attended including 1,125 students, 44 teachers/chaperones, and 26 volunteers.</p> <p>The WRC Dirt Doctors presented to 5 classes, approximately 125 students and 5 teachers.</p> <p>WRC presented the Enviroscope watershed model to 5 classes, approximately 125 students and 5 teachers.</p> <p>MSU-Extension Oakland County presented "All of Our Water is Connected and Ours to Protect" to 5 classes, approximately 125 students and 5 teachers.</p> <p>In FY 2025, the 18th annual festival was held on May 13, 2025. The event brought in 1,025 students from 13 different schools and 44 different classes. An additional 45 teachers/chaperones and 30 volunteers were in attendance.</p> <p>The WRC Dirt Doctors presented to 6 classes, approximately 153 students and 6 teachers.</p>

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School Program - Rouge River Water Festival at Cranbrook Institute of Science

In FY 2024, the festival was held from Sept. 17-20, 2024 at the Cranbrook Institute of Science. Approximately 1,303 students from 54 classes and 21 different schools in 10 communities attended (Bingham Farms, Birmingham, Bloomfield Hills, Bloomfield Twp, Commerce Twp, Farmington Hills, Novi, Roseville, Troy and Walled Lake). Twenty-eight (28) organizations presented during this year's Water Festival.

The following **WRC** staff presented at the 2024 Festival:

**Dirt Doctors:** Three staff members presented Dirt Doctors to 16 classes, approximately 395 students

Two staff members from the **OCHD** presented "Beach Safety and Water Quality" to 7 classes, approximately 181 students

Three staff members from **OCPRC** presented "Macroinvertebrate Mayhem" to 8 classes, approximately 184 students

One staff member from **MSU-Extension** presented "All Our Water is Connected & Ours to Protect" to 8 classes, approximately 196 students

Two **WRC** staff members attended and worked the registration area all four days of the festival.

In FY 2025, the festival was held from Sept. 16-19, 2025 at the Cranbrook Institute of Science. Approximately 1,334 students from 56 classes and 22 different schools in 12 communities attended (Bingham Farms, Birmingham, Bloomfield Hills, Bloomfield Twp, Farmington Hills, Lake Orion, Novi, Roseville, Royal Oak, Southfield, Troy and Walled Lake). Twenty-four (24) organizations presented during this year's Water Festival.

The following **WRC** staff presented at the 2025 Festival:

Dirt Doctors: 6 staff members presented Dirt Doctors to 14 classes, approximately 334 students and 30 teachers/chaperones

Enviroscape: 1 staff member presented to 4 classes, approx. 95 students and 8 teachers/chaperones.

Two staff members from **OCPRC** presented "Duck, Duck, Goose" to 3 classes, approximately 67 students and 6 teachers/chaperones, and "Macroinvertebrate Mayhem" to 4 classes, approximately 96 students and 6 teachers/chaperones

One staff member from **MSU-Extension** presented "Invasive Species" to 7 classes, approximately 192 students and 20 teachers/chaperones and "Macroinvertebrates and Water Quality" to 8 classes, approximately 173 students and 24 teachers/chaperones.

Two staff members from the **Oakland County Health Department** presented "Beach Monitoring" to 7 classes, approx. 170 students and 14 teachers/chaperones.

Two **WRC** staff members attended and worked the registration area all four days of the festival.

Seven Simple Steps to Clean Water Facebook Outreach Campaign

In FY 2024, with the elimination of the Oakland Lakefront Lifestyles magazine and the associated Seven Simple Steps to Clean Water ad campaign, the WRC transitioned to utilizing Facebook for public engagement related to several topics related to the Seven Simple Steps to Clean Water campaign. The following topics were covered in the FY 2024 outreach campaign: Clean Up After Your Pet, Only Rain in the Drain (Storm Drain Awareness), and Earth-Friendly Landscaping (Plant Native Plants).

The campaign generated:

- 396 "link clicks" (the amount of people that clicked on the "Learn More" button and went to our Seven Simple Steps to Clean Water Storymap)
- 52,035 people "reached" (the number of people that saw the ad)
- 80,379 impressions were made (the number of times the ad appeared on someone's page).
- 42 total post reactions
- 11 total post shares
- 4 post comments

The FY24 campaign had a cost of \$209.15.

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	<p>In FY 2025, the campaign was expanded to include the three topics covered in FY 2024 as well as the topics of Car Care, Household Hazardous Waste Disposal, Septic System Maintenance and Fats, Oils and Grease (FOG) disposal. The campaign was extremely successful and very engaging, including:</p> <ul style="list-style-type: none"> <li>- 7,231 "link clicks" (the amount of people that clicked on the "Learn More" button and went to our Seven Simple Steps to Clean Water Storymap)</li> <li>- 185,744 people "reached" (the number of people that saw the ad)</li> <li>- 387,316 impressions were made (the number of times the ad appeared on someone's page).</li> <li>- 1,125 total post reactions</li> <li>- 167 total post shares</li> <li>- 115 post comments</li> </ul> <p>The FY25 campaign had a cost of \$1,704.96. A summary of the results is included in <a href="#">Appendix 5</a>.</p>
<p>Solid Waste Plan (Materials Management Plan)</p>	<p>In late 2022, the Michigan legislature passed a package of bills to update Michigan's solid waste management laws. The old Solid Waste Management Plans will become Materials Management Plans with an emphasis on using materials to the fullest and best use before discarding them. The Director of the MI Department of Environment, Great Lakes &amp; Energy (EGLE) officially called for these Plans to be initiated on January 8, 2024. This process is expected to take 3-4 years. In 2024, Oakland County established the Materials Management Planning Committee (MMPC) and, in 2025, hired a consultant to assist in developing the new MMP. Meetings, public and stakeholder engagement, discussions on goals and strategies are underway. The draft plan is expected to be completed in late 2026.</p> <p>In FY 2025, Oakland County Planning received a grant from EGLE for preparation of the Materials Management Plan. This plan is required by the State to help divert materials from landfills, increase access to recycling, improve recycling rates, and improve data collection methods.</p> <p>Information on the Materials Management Planning process is available at <a href="http://Oakgov.info/MMP">Oakgov.info/MMP</a>.</p> <p>There were <b>343</b> website hits in FY 2024 and <b>287</b> website hits in FY 2025 to the County's MMP website.</p>
<p>Storm Drain Markers/Stenciling Program</p>	<p>There were no additional storm drain markers installed on the County Campus in FY 2024/2025.</p> <p>There was one (1) storm drain stencil/marker inquiry made by an Orion Township resident in Oakland County in FY 2024. She was interested to help coordinate a storm drain stenciling/marketing effort in a subdivision and at the DPW in her community. WRC provided the following items to Ms. Muzzy on 7/18/2024:</p> <ul style="list-style-type: none"> <li>• 100 Plastic Storm Drain Markers</li> <li>• 20 Aluminum Storm Drain Markers</li> <li>• 25 Rivets for Aluminum Storm Drain Markers</li> <li>• Instructions for how to install the plastic and aluminum storm drain markers</li> <li>• One of each of the storm drain stencils (1 – "Stormwater Only – Drains to River" and 1 – "No Dumping – Drains to River" with fish)</li> </ul> <p>-WRC Storm Drain Manhole Cover specifications were updated in FY 2010 and now require that all new storm drain manhole covers are stamped with the message "Stormwater Only - Dump No Waste! Drains to Waterway!" with a custom logo showing a heron, frog and fish.</p>

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Watershed Group/CVT Support	<p>WRC staff regularly attend SEMCOG's Southeast Michigan Partners for Clean Water meetings.</p> <p>WRC staff sent numerous emails to watershed group/stormwater contacts to help publicize upcoming events related to water-resource management. In FY 2024/2025, a total of seven (7) emails were sent to watershed/stormwater contacts promoting various educational/stormwater-related events/opportunities.</p> <p>Oakland County provides a summary to communities to supplement their stormwater reporting. A digital copy of the summary provided for FY 2024/FY 2025 is available at: <a href="https://www.oakgov.com/government/water-resources-commissioner/stormwater/phase-ii-stormwater-reports">https://www.oakgov.com/government/water-resources-commissioner/stormwater/phase-ii-stormwater-reports</a></p> <p>There were <b>989</b> website hits in FY 2024 and <b>1,028</b> in FY 2025 to the WRC's Phase II Stormwater website.</p>
Technical Support	<p>-WRC staff responded to four (4) different requests for natural resource-related information throughout FY 2024/2025. An excel spreadsheet that summarizes all of the information requests is available upon request.</p> <p>Oakland County provides a summary to communities to supplement their stormwater reporting. A link to access the summary provided for FY 2024/2025 is: <a href="https://www.oakgov.com/government/water-resources-commissioner/stormwater/phase-ii-stormwater-reports">https://www.oakgov.com/government/water-resources-commissioner/stormwater/phase-ii-stormwater-reports</a></p>
Wastewater Treatment Plant/RTB Tours	<p>Throughout FY 2024/2025, the WRC hosted the following tours of its wastewater treatment plants:</p> <p>Clinton River Water Resource Recovery Facility in Pontiac: FY 2024: 119 visitors from 6 separate tours FY 2025: 52 visitors from 7 separate tours</p> <p>Walled Lake-Novu WWTP facility: FY 2024: 68 visitors from Oakland Community College during 4 separate tours FY 2025: 206 visitors from 12 separate tours (OCC Environmental Science Field Trips made up the bulk of the visitors)</p> <p>Commerce WWTP facility: FY 2024: 107 visitors from 6 separate tours FY 2025: 128 visitors from 8 separate tours <b>***Note: The Commerce WWTP is now privately owned and operated as of 12/15/2025 and will not be included in future reporting.</b></p> <p>Details about scheduling tours of WRC facilities is available on the WRC website at: <a href="https://www.oakgov.com/government/water-resources-commissioner/facility-tours">https://www.oakgov.com/government/water-resources-commissioner/facility-tours</a></p> <p>The WRC also has some videos explaining the processes that takes place at a wastewater treatment plant on its YouTube channel available at: <a href="https://www.youtube.com/@wrc.oakgov/videos">https://www.youtube.com/@wrc.oakgov/videos</a></p>
Watershed Council Support	<p>In FY 2024/2025, the WRC contributed the following in annual membership dues:</p> <ul style="list-style-type: none"> <li>- Clinton River Watershed Council: \$10,250.00 + \$6,788.33 = \$17,038.33</li> <li>- Huron River Watershed Council: \$8,906.34 + \$8,897.30 = \$17,803.64</li> </ul>

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<p>Watershed Signage</p>	<p>To date, the WRC has helped coordinate the purchase and installation of more than 650 watershed signs throughout the Flint, Clinton, Rouge and Huron River Watersheds in Oakland County, including:</p> <ul style="list-style-type: none"> <li>• 215 signs throughout the Huron, Clinton and Flint Watersheds in 2007-2008</li> <li>• 206 Clinton River Watershed signs in 2005</li> <li>• 230 Rouge River Watershed signs in 2001-2003</li> </ul> <p>In FY 2023, the Alliance of Rouge Communities staff completed a watershed signage inventory in the Rouge River watershed to see where signs may need to be replaced or added in the watershed. A total of 140 new or replacement watershed signs were installed and mapped throughout the Rouge River Watershed.</p>
<p>Workshops/Seminars/ Webinars</p>	<p><b>WRC:</b></p> <ul style="list-style-type: none"> <li>• 3/12/2025 - Three WRC staff presented on updates to the WRC's Stormwater Design Standards and Soil Erosion and Sedimentation Control (SESC) Manual updates. The webinar recording is available online at: <a href="https://www.youtube.com/watch?v=C5EXA0V7HGY">https://www.youtube.com/watch?v=C5EXA0V7HGY</a>.</li> </ul> <p><b>OCPR:</b></p> <p>October 18, 2023 – Bears: Fur, Feathers, Ferns – 16 attendees          October 26, 2023 – Juniors: Animal Habitats – 20 attendees          November 9, 2023 - Animal Habitats FT – 32 attendees          February 17, 2024 – Daisy: Rosie - 17 attendees          March 1, 2024 – Morning Munchkins: Just Ducks – 15 attendees          March 27, 2024 – Spring into Science at Cranbrook – 280 attendees          March 28, 2024 - Spring into Science at Cranbrook – 234 attendees          May 10, 2024 – First Green at Lyon Oaks Macroinvertebrates – 60 attendees          May 15, 2024 - First Green at Lyon Oaks Macroinvertebrates- 100 attendees          May 18, 2024 – Wander Through the Wetlands – 0 attendees          June 7, 2024 – Morning Munchkins: Over in a River, Flowing Out to the Sea – 14 attendees          June 8, 2024 – Art, Fish &amp; Fun NT – 108 attendees          June 8, 2024 – Fishing Derby - 15 attendees          June 15, 2024 – Water Wonderland – 8 attendees          June 25-27, 2024 – Where the Wild Things Live Summer Camp -13 attendees          June 29, 2024 – Full Stream Ahead – 0 attendees          July 27, 2024 - Full Stream Ahead - 9 attendees          August 17, 2024 – Pond Study 101 – 17 attendees          August 24, 2024 - Full Stream Ahead – 0 attendees          September 18, 2024 – Rouge River Water Festival Macro Mayhem – 131 attendees          September 20, 2024 – Rouge River Water Festival Macro Mayhem - 102 attendees</p>

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November 26, 2024 – Erosion Field Trip - 78 attendees  
 March 28, 2025 – Salamander Stroll – 28 attendees  
 April 25, 2025 – Watershed Modeling and Macro Invertebrate Mayhem - 42 attendees  
 May 6, 2025 – Water Quality Talk & Macro Invertebrate Study – 68 attendees  
 May 13, 2025 – Water Quality Talk & Macro Invertebrate Study – 77 attendees  
 May 16, 2025 – Water Quality Talk & Macro Invertebrate Study – 59 attendees  
 May 17, 2025 – Wetland Animals Table at Oak in the Hills - 600 attendees  
 June 7, 2025 – Art, Fish & Fun Festival – 192 attendees  
 June 8, 2025 – Fishing Derby – 17 attendees  
 July 12, 2025 – Full Stream Ahead Paddle Program – 5 attendees  
 July 13, 2025 – Damselflies and Dragonflies - 13 attendees  
 September 18, 2025 – Rouge River Water Festival - Duck, Duck, Goose! - 73 attendees  
 September 19, 2025 – Rouge River Water Festival - Macroinvertebrate Mayhem – 102 attendees

**Illicit Discharge Elimination Plan**

**Adopt-A-Road/Adopt-a-Highway  
Clean-up Program**

**OCFM** participated in MDOT's Adopt-a-Highway program beginning in FY 2012. They adopted Telegraph Rd between Dixie Highway and Elizabeth Lake Roads. There were no cleanup events in FY 2024 or 2025.

The **WRC** adopted a one-mile stretch of Pontiac Lake Road from Telegraph to Scott Lake Road in FY 2011.

In FY 2024, one (1) clean-up event took place:  
 - June 20, 2024 with 10 bags of trash and 10 volunteers (a total of approximately 0.6 cubic yards of trash in FY 2024 collected).

In FY 2025, one (1) clean-up events took place:  
 - Wednesday, August 27, 2025 with 8 bags of trash and 8 volunteers (a total of approximately 0.48 cubic yards of trash in FY 2025 collected).

In FY2024, a total of 100 beaches on 74 different lakes were sampled for *E. coli*. The primary sampling program lasted 10 weeks and began the week of June 3, 2024. A total of 1,286 sampling events were conducted between June 3 and August 9, 2024 (Several beaches were sampled past August 9 due to persistent elevated results and resulted in additional sampling events.) A list of beaches sampled is available upon request.

At the beginning of each bathing beach season, OCHD sends notifications to the individual cities, villages or townships in which the beach is located as notification that sampling will occur. These same letters are also mailed to the contact person on record for the individual bathing beaches.

There were 33 beaches closed during the 2024 season. Some beaches were closed multiple times, and length of closure varied. Beach closure information is available on the Health Dept. Beach website.

Beach sampling information is available online at: <https://www.oakgov.com/community/health/public-health-services/environmental-health/beaches> and the EGLE BeachGuard website at <https://www.egle.state.mi.us/beach/>. The BeachGuard website also contains historical information.

The Health Department also allows residents to bring in their own samples for testing and the results will be provided for a nominal fee.

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**Beach Monitoring Program**

In FY 2025, a total of 100 beaches on 70 different lakes were sampled for *E. coli*. The primary sampling program lasted 10 weeks and began the week of June 2, 2025. A total of 1,443 sampling events were conducted between June 2 and August 8, 2025. (Several beaches were sampled past August 8 due to persistent elevated results and resulted in additional sampling events.) A list of beaches sampled is available online at: <https://www.oakgov.com/home/showpublisheddocument/11970/638804961479130000>.

At the beginning of each bathing beach season, OCHD sends notifications to the individual cities, villages or townships in which the beach is located as notification that sampling will occur. These same letters are also mailed to the contact person on record for the individual bathing beaches.

There were 38 beaches closed during the 2025 season. Some beaches were closed multiple times, and length of closure varied.

Current beach sampling information is available on OCHD's website at <https://www.oakgov.com/community/health/public-health-services/environmental-health/beaches> and the EGLE BeachGuard website at <https://www.egle.state.mi.us/beach/>. The BeachGuard website also contains historical information.

The Health Department also allows residents to bring in their own samples for testing and the results will be provided for a nominal fee.

There were **6,291** website hits in FY 2024 and **15,170** website hits in FY 2025 to the OCHD's Beach Monitoring Program website.

**Complaint Tracking, Investigation and Notification and Reporting**

**WRC:**  
The WRC received 59 complaints throughout 24 communities during FY 2024/2025. Complaint investigations resulted in the identification of 43 illicit discharge sources, all of which have been eliminated by FY 2025. See **Appendix 6** for the WRC Pollution Hotline Complaint Summary Tables for FY 2024 and 2025.

**OCHD:**  
The OCHD acted on 82 septic-related customer complaints in FY 2024 and 72 septic-related complaints in FY 2025, as reported to EGLE.

The Oakland County 24-Hour Pollution Hotline was promoted in the following ways in FY 2024/25:

- Published on WRC's "Services" page at: <https://www.oakgov.com/government/water-resources-commissioner/stormwater/24-hour-pollution-hotline>
- Published in WRC E-newsletter that gets sent quarterly to elected officials throughout Oakland County communities
- Published in WRC's Waterfront Wisdom publication
- Published in WRC's annual Kids' Clean Water Calendar
- Published in the Fishing Opportunities in Oakland County Poster
- Hotline brochures are distributed throughout the year to CVTs at SWAG meetings and at special events
- Information about the hotline are shared during presentations at water festivals (Rouge River, Lake St. Clair and Clinton River water festivals) and public education presentations

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<p>Combined Sewer Overflow (CSO) Retention Treatment Basin (RTB) Operation</p>	<p>The WRC operates and maintains the Acacia Park, Birmingham, Bloomfield Village, and George W. Kuhn Retention Treatment Basins (RTBs).</p> <p>For FY 2024, approximately 2,329.92 million gallons (MG) of treated combined sewage was discharged from the four RTBs during 31 Permitted Treated Discharges (PTDs). During this period, all but four (87%) of the PTDs were in compliance with permit limitations and 2,999.03 MG of combined sewage was retained and dewatered from these four facilities.</p> <p>For FY 2025, approximately 1,131.5 MG of treated combined sewage was discharged from the four RTBs during 10 Permitted Treated Discharges (PTDs). During this period, all 10 (100%) of the PTDs were in compliance with permit limitations and 1,448.76 MG of combined sewage was retained and dewatered from these four facilities. These FY 2025 totals represent 67 wet weather events between all four (4) RTBs that collectively received, retained and dewatered an average of 19.3" of rainfall for the year.</p> <p>The WRC has prepared a Public Notification Plan (PNP), dated Aug. 3, 2018, for CSOs in the Red Run Drain and Rouge River in accordance with their NPDES permits and 40 CFR Part 122.38(c). The PNP describes how WRC insures that the public receives adequate notification of CSO occurrences and impacts from its combined sewer system. The plan is available online at: <a href="https://oakgov.com/government/water-resources-commissioner/wastewater/retention-treatment-basins">https://oakgov.com/government/water-resources-commissioner/wastewater/retention-treatment-basins</a></p> <p>WRC remains committed to continued water resource protection and preservation.</p> <p>There were a total of <b>1,055</b> website hits in FY2024 and <b>971</b> website hits in FY2025 to WRC's RTB website.</p>
<p>Dry Weather Screening Activities at Known Outfall and Discharge Point Locations</p>	<p>WRC will continue to follow-up on suspicious discharges identified during FY 2024 and/or 2025 surveys. Follow-up sampling and investigations are scheduled to continue through various IDEP programs in FY 2026.</p> <p><b>WRC:</b> WRC has surveyed and inventoried all MS4 outfalls and discharge points on County Drains. WRC has submitted an Alternative IDEP which includes a schedule for continued dry weather screening of County Drain structures, including outfalls and discharge points, as part of its 5-year inspections. The Alternative IDEP has identified prioritized drains for follow-up investigation and sampling based on dry weather screening results, Microbial Source Tracking (MST) sampling results, complaints and any known pollution issues. WRC will continue dry weather screening, inspections and investigation on drains scheduled for FY 2026.</p> <p>See <b>Appendix 9</b> for the WRC's FY 2024 and 2025 Water Quality Sampling Results Report detailing County drains that have been investigated as of the end of FY 2025 and details moving forward on drains requiring further/ongoing investigation.</p> <p><b>OCPRC:</b> OCPR observes the 5-year permit cycle requirement for MS4 dry-weather screening for all OCPR-operated outfalls (87 locations over 11 parks). 70 outfalls were screened in summer 2024 with the remaining 17 screened in FY 2025. The next round of dry weather screening will be completed by 2029. OCPR will continue to partner with WRC and other permitted County Departments to standardize practices and achieve NPDES Phase II MS4 Permit requirements.</p> <p><b>OCFM</b> will continue to dry weather screen outfalls located on their properties once per the 5-year permit cycle and follow-up on investigation and elimination of any illicit discharges found. WRC will continue to provide support for these activities under the Oakland County Stormwater Committee (OCSC).</p>
<p>Electronics Recycling Event</p>	<p>FY 2024: As part of Oakland County's NoHaz program, electronics can be recycled at some of their annual events. The following totals were collected in 2024: - 4/27/2024: 44,770 pounds - 9/14/2024: 41,590 pounds</p> <p>FY 2025: A total of 179,410 pounds of e-waste were collected and properly disposed of.</p> <p>There was one free document shredding event in Oakland County in FY 2024 on August 30, 2024 where 12,643 pounds of paper was collected and shredded. A total of 281 vehicles turned out to drop off paper items for shredding.</p>

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<b>Goose Management</b>	<p>In an effort to curb nuisance geese populations on County properties to protect water quality from excess nutrients and bacteria, the following properties utilize services as follows:</p> <p><b>OCPRC:</b>  A combination of goose control methods is implemented annually as-needed based on the size of the goose population and associated nuisance levels at the following County Parks:  -Addison Oaks  -Groveland Oaks  -Glen Oaks  -Independence Oaks  -Lyon Oaks  -Orion Oaks  -Red Oaks  -Springfield Oaks  -Waterford Oaks  -White Lake Oaks</p> <p><b>OCFM:</b> As of FY 2025, Facilities employs Gooseworks which utilizes a dog to chase away the geese on Campus property; they are contracted to work in the Spring, two times daily for about 1.5 months and in the Fall, two times daily for about 3 months.</p>
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<b>Household Hazardous Waste Recycling Program</b>	<p>In FY 2024, the Oakland County Planning &amp; Local Business Development Dept. sponsored four (4) household hazardous waste disposal days: April 27, June 1, July 20 and September 14, 2024. The April 27 event was held at the Oakland County Service Center in Pontiac, the June 1 event at Oxford Middle School in Oxford, the July 20 event at Kensington Church in Orion Township, and the September 14 collection event at the Oakland County Service Center in Pontiac. A total of <b>513,065 pounds</b> of household hazardous waste was collected from 3,733 participants during the four collection events. Of that total, <b>86,360 pounds</b> of electronics were collected and recycled during the April and September 2024 NoHaz events.</p> <p>In FY 2025, the Oakland County Planning &amp; Local Business Development Division sponsored four (4) household hazardous waste disposal days: April 12, June 7, July 19 and September 13, 2025. The April 12 event was held at Pine Knob Music Theatre in Clarkston, the June 7 event at Oxford Middle School in Oxford, the July 19 event at Kensington Church in Orion Township, and the September 13 collection event at the Oakland County Service Center in Pontiac. A total of <b>567,914 pounds</b> of household hazardous waste was collected from 4,045 participants during the four collection events. Of that total, <b>179,410 pounds</b> of electronics were collected and recycled during 2025 NoHaz events.</p> <p>Since the program began in 2003, residents of more than 76,000 households have disposed of more than 10.2 million pounds of hazardous materials which have been recycled or disposed of properly.</p> <p>Information on household hazardous waste disposal in Oakland County is available online at: <a href="http://www.nohaz.com">www.nohaz.com</a>.</p> <p>There were <b>32,051</b> website hits in FY 2024 and <b>34,436</b> website hits in FY 2025 to the County's Household Hazardous Waste Recycling Information.</p> <p>There are two solid waste authorities in the southern portion of the county that handle the waste for several member communities. One of these authorities holds several household hazardous waste collection events for residents, while the other offers year-round service for residents of its member communities.</p> <p>A few communities offer their own collection events each year.</p>
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	<p><b>WRC:</b>  During FY 2024, WRC performed 4,859 inspections on structures located along 131 county drains in 27 communities in three (3) watersheds in Oakland County (Clinton, Huron and Rouge). A total of 14 drains were identified with suspect discharges. All 14 drains were investigated and one (1) illicit discharge was discovered. The source of this discharge was found to be an illicit sanitary lead connection to the Owens Relief Drain in Southfield (Rouge River watershed) and correction is pending. This drain will continue to be investigated for additional non-point sources. The other suspect drains will also continue to be investigated into FY 2025.</p>
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Action/Activity	<p style="text-align: center;"><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
IDEP Investigations	<p>During FY 2025, WRC performed 2,991 inspections on structures located along 125 county drains in 19 communities in three (3) watersheds in Oakland County (Clinton, Huron and Rouge). A total of 16 drains were identified with suspect discharges. All 16 drains were investigated and two (2) illicit discharges were discovered. There are currently three (3) drains with a suspected illicit discharge that are still under investigation to determine the source. In FY 2025, WRC staff reconfirmed that the compactor/dumpster issue at the Asian Market on the Henry Graham Drain in Madison Heights is still an issue. WRC is coordinating with the City of Madison Heights to get the issue corrected since the illicit discharge is impacting a private drain within the City.</p> <p>See <a href="#">Appendix 7</a> for the Dry Weather Screening and IDEP Investigations Summary Tables for FY 2024 and 2025. See also, <a href="#">Appendix 8</a>, "2024 and 2025 ECT (Wayne &amp; Oakland County) IDEP Services Report, as well as <a href="#">Appendix 9</a>, "2024 and 2025 Oakland County IDEP Summary Report".</p> <p><b>OCPRC and OCFM:</b> There were no IDEP incidents or investigations in FY 2024 or 2025.</p>
IDEP Training	<p>FY 2024:</p> <ul style="list-style-type: none"> <li>October 2023 - Virtual training on IDEP Alert Observer, IDEP Investigator-level and general Stormwater Pollution Prevention and Good Housekeeping was held in partnership with SEMCOG and ECT, Inc. The following County staff attended the general IDEP awareness training session: OCPRC - 4 staff members. The following County staff attended the IDEP Investigator-level training: OCPRC - 2 staff members. The following County staff attended the Pollution Prevention Good Housekeeping Training: OCPRC - 6 staff members</li> </ul> <p>FY2025:</p> <ul style="list-style-type: none"> <li>October/November 2024 - Training on IDEP Alert Observer, IDEP Investigator-level and general Stormwater Pollution Prevention and Good Housekeeping was held in partnership with SEMCOG and ECT, Inc. The following County staff attended the general IDEP awareness training session: WRC - 3 staff members, OC Parks - 10 staff members. The following County staff attended the IDEP Investigator-level training: OCPRC - 7 staff members. The following County staff attended the Pollution Prevention Good Housekeeping Training: OC Parks - 10 staff members.</li> <li>3/7/2025 - 1 OCFM staff member completed the virtual IDEP Alert Observer training available from SEMCOG</li> </ul>
Illicit Connection and Discharge Elimination	<p><b>WRC:</b> In FY 2024, 25 illicit discharges were discovered by WRC during complaint investigations, outfall/discharge point surveys, stormwater structure inspections and follow-up investigations. Of these, a total of 24 illicit discharges were corrected with the identified sources being eliminated. Twenty-six (26) Pollution Hotline complaints investigated resulted in 96% identification and elimination of a pollutant source.</p> <p>In FY 2025, 19 illicit discharges were discovered by WRC during complaint investigations, outfall/discharge point surveys, stormwater structure inspections and follow-up investigations. Of these, a total of 18 illicit discharges were corrected with the identified sources being eliminated. The remaining illicit discharge source has been identified and was referred to the City of Madison Heights for enforcement (dumpster/trash compactor runoff issue at food market to parking lot catch basin). Thirty-three (33) Pollution Hotline complaints investigated resulted in 100% identification and elimination of a pollutant source (17 of the 33 complaints). Surveys and dry weather screening identified two (2) illicit discharges and both were eliminated. See <a href="#">Appendix 7</a> for the dry weather screening and IDEP investigations summary tables for FY 2024 and 2025.</p> <p>IDEP work was also completed by ECT staff for WRC and is summarized in <a href="#">Appendix 8</a>, "2024 and 2025 ECT (Wayne &amp; Oakland County) IDEP Services Report". WRC also prepared a summary of its IDEP work for stakeholders use in <a href="#">Appendix 9</a>, "2024 and 2025 Oakland County IDEP Summary Report".</p> <p>The efficiency of the number of complaints received and those resulting in the identification and removal of a surface water pollution source shows that the WRC 24-Hour Pollution Hotline program continues to be a valuable tool for staff, citizens and municipalities.</p> <p>Dry weather screening of County Drains continues to be shown as a useful tool for evaluating the presence of upstream sources of illicit discharges. Although only three (3) sources of pollution were found, this procedure continues to be effective in identifying discharges that would not be found otherwise. Dry weather screening procedures for IDEP were detailed in WRC Work Instructions in FY 2020 and are being conducted on all storm water structures during routine storm drain maintenance inspections of open and enclosed county drains. This process will continue to be used and evaluated in FY 2026.</p>

Action/Activity	<p style="text-align: center;"><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
	<p>In summary, during FY 2024/2025, 44 illicit discharges were discovered by WRC during complaint investigations, outfall/discharge point surveys, stormwater structure inspections and follow-up investigations. Of these, a total of 43 illicit discharges were corrected with the identified sources being eliminated. The remaining illicit discharge source has been identified and was referred to the City of Madison Heights for follow-up enforcement (dumpster/trash compactor runoff issue at food market to parking lot catch basin).</p> <p><b>The following pollutant loading estimates were tracked through the County's IDEP in FY 2024 and FY 2025 (see Appendix 10, WRC Pollutant Loading Summary Tables for FY 2024 and 2025, for details):</b></p> <ul style="list-style-type: none"> <li>• 79,564,350 gallons of sewage</li> <li>• 305 gallons of fuel, oil and grease</li> <li>• 3,615 pounds of sediment</li> <li>• 250 gallons of salt brine</li> <li>• 455 gallons of soaps/detergents</li> <li>• 1 gallon of tracer dye</li> <li>• 50 gallons of concrete washout</li> <li>• 50 gallons of hydraulic fluid</li> </ul>
MS4 Discharge Point/Outfall Database	<p><b>As of FY 2025, all outfalls and discharge points for County Departments have been mapped and include:</b></p> <p>Water Resources Commissioner – 420 MS4 outfalls and 69 discharge points  Facilities Maintenance &amp; Operations – 13 MS4 outfalls and 43 MS4 discharge points  Parks and Recreation Commission – 87 MS4 outfalls and 0 discharge points</p>
Oakland Brownfield Initiative	<p>As of FY 2025, there were over 555 projects in the program and 435 projects with environmental assessment work started.</p> <p>To date, there's a total of \$2,560,000,000+ on proposed investment.</p> <p>Information on Brownfield's in Oakland County is available at: <a href="https://www.oakgov.com/community/community-development/brownfield-initiative">https://www.oakgov.com/community/community-development/brownfield-initiative</a>.</p> <p>In FY 2024, there were <b>239</b> website hits and <b>343</b> website hits in FY 2025 to the Brownfields website.</p>

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**Action/Activity**

Oakland County Facilities with OSDS

**OCPRC** maintains six (6) OSDS' as outlined in their respective Operations & Maintenance Manual.

**WRC** operates and maintains several community septic systems and county park disposal systems:

- Woodbridge Lake Estates in Walled Lake
- Belle Ann Falls Estates in Ortonville
- Lower Pettibone Lake Community Septic in Highland Township
- Addison Oaks Park Lagoon System (maintained by WRC)
- Groveland Oaks Park (maintained by WRC)
- Springfield Oaks Park (maintained by WRC)

These systems are visited at least monthly.

Oakland County Onsite Sewage Disposal System (OSDS) Program

OCHD Environmental Health Services (EHS) is responsible for inspection and regulation of septage pumping/hauling trucks. Septage haulers are those businesses that are engaged in servicing, handling and disposing of waste from portable toilets, septic tanks, seepage pits, cesspools and sewage lift stations. Licensed septage haulers require a yearly inspection from the local health department. For FY 2024, EHS conducted 81 septage vehicle inspections of both new haulers and existing vehicles and 3 septage receiving station inspections and 82 vehicle inspections and 3 septage receiving inspections in FY 2025. The unit investigates septage hauler complaints and conducts compliance meetings as necessary.

EHS facilitates land development, including the subdividing of land for subdivisions and site condominiums. Properly planned land use enhances community improvement and ensures groundwater protection during the land development process.

EHS assists local municipalities in assessing a property's ability to support proposed activities as related to onsite sewage disposal and groundwater protection.

OCHD issued 639 on-site sewage disposal system permits for FY 2024 and 680 permits in FY 2025 as reported to EGLE. OCHD completed 429 failure evaluations in FY 2024 and 487 failure evaluations in FY2025.

The OCHD has a website dedicated to information about its OSDS Program at: <https://www.oakgov.com/community/health/public-health-services/environmental-health/onsite-sewage-disposal-system-septic>

There were a total of **5,966** website hits in FY2024 and **6,273** in FY2025 to the OCHD's Septic System website.

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<p>Operation Medicine Cabinet</p>	<p>There are currently 37 drop-off sites throughout Oakland County where unused pharmaceuticals can be properly disposed of, including the following: Oakland County Sheriff's offices (13) in Addison Twp, Brandon Twp, Commerce Twp, Highland Twp, Independence Twp, Lyon Twp, Oakland Twp, Orion Twp, Oxford Twp, Pontiac, Rochester Hills and Springfield Twp; additionally, partner law enforcement agencies Auburn Hills PD, Beverly Hills Village Dept. of Public Safety, Birmingham PD, Bloomfield Hills Dept. of Public Safety, Bloomfield Twp. PD, Clawson PD, Farmington Hills PD, Ferndale PD, Franklin PD, Hazel Park PD, Holly PD, Huntington Woods Dept. of Public Safety, Keego Harbor PD, Madison Heights PD, Oak Park PD, Orchard Lake PD, Oxford Village PD, Rochester PD, Royal Oak PD, South Lyon PD, Troy PD, West Bloomfield PD, White Lake PD and Wixom, who all serve as OMC drop-off sites.</p> <p>In FY 2024, <b>5,902.8 pounds</b> of unused prescription drugs were collected and turned over to the DEA for proper disposal. In FY 2025, <b>2,928</b> pounds of unused prescription drugs were collected and turned over to the DEA for proper disposal.</p> <p>New in FY 2017, a GIS-based online application is available for the public to see drop-off sites throughout the county and is available at: <a href="https://oakgov.maps.arcgis.com/apps/webappviewer/index.html?id=db4052d9ca5c4e1798a7dfd2a54e3c25">https://oakgov.maps.arcgis.com/apps/webappviewer/index.html?id=db4052d9ca5c4e1798a7dfd2a54e3c25</a>.</p> <p>There were <b>389</b> website hits in FY 2024 and <b>40</b> in FY 2025 to the Operation Medicine Cabinet website at: <a href="https://www.oakgov.com/government/sheriff/community-services/domestic-safety/-fsiteid-1#!">https://www.oakgov.com/government/sheriff/community-services/domestic-safety/-fsiteid-1#!</a>.</p> <p>WRC promoted the use of drug takeback programs in Oakland County on its Facebook page in September 2024 at: <a href="https://www.facebook.com/share/p/VZ54iHMqrg2JEqaW/">https://www.facebook.com/share/p/VZ54iHMqrg2JEqaW/</a>.</p>
<p>Spill/Non-Stormwater Release Response</p>	<p><b>WRC:</b> The WRC has the following procedures in place to deal with pollution incidences:</p> <p>-Surface Water Pollution Response Procedure (P-043): The purpose of this Procedure is to describe how the WRC identifies and responds to Oakland County surface water pollution incidents reported through their 24-hour Pollution Hotline (248-858-0931) and other sources. This document was last updated in FY 2015 and is currently under revision; it is available upon request.</p> <p>-Notification and Reporting of SSOs and CSOs (P-036): The purpose of this Procedure is to describe how the WRC handles the notification and reporting of sanitary sewer overflows (SSOs), and combined sewer overflows (CSOs) in accordance with Public Act No. 286 of the Public Acts of 2000. This document is available upon request.</p>
<p>Verify New Connections - Prevent Illicit Connections</p>	<p>WRC currently employs ten (10) full-time trained inspectors to inspect drain and sewer projects throughout Oakland County. The inspector is responsible for inspecting connections and other related items to insure that work is constructed in accordance with the plans and specifications. The inspector is also present to insure that the integrity of the existing system is maintained and that proper compliance with state and local regulations is observed.</p> <p>In FY 2024, WRC inspected a combined 388 house lead and sewer connections and 120 drain permits throughout Oakland County and provided full time inspection on 30 new construction projects.</p> <p>In FY 2025, WRC inspected a combined 423 house lead and sewer connections and 78 drain permits throughout Oakland County and provided inspection on 30 new construction projects.</p>
<p>Wastewater Treatment Plant</p>	<p>For FY 2024, approximately 8.3 billion gallons of treated wastewater was discharged from the WWTP's.</p> <p>For the 14th year in a row, the Walled Lake-Novu WWTP was awarded the highest honor available from the National Association of Clean Water Agencies (NACWA) – the prestigious Platinum Award. The platinum award goes to a facility with perfect compliance with NPDES permits over a consecutive five-year period. The Walled Lake-Novu WWTP has now gone 18 straight years without a non-compliance. At the same time, for the 15th year in a row, the Commerce Township WWTP was awarded the Platinum Award, meaning that the Commerce WWTP has now gone 19 years in a row without a non-compliance. NACWA's Peak Performance Awards Program recognizes facilities for excellence in wastewater treatment as measured by their compliance with their National Pollutant Discharge Elimination System (NPDES) permit requirements.</p>

<b>Action/Activity</b>	<p><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
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Operation	<p>For FY 2025, approximately 6.9 billion gallons of treated wastewater was discharged from the WWTP's.</p> <p>For the 15th year in a row, the Walled Lake-Novu WWTP was awarded the highest honor available from the National Association of Clean Water Agencies (NACWA) – the prestigious Platinum Award. The platinum award goes to a facility with perfect compliance with NPDES permits over a consecutive five-year period. The Walled Lake-Novu WWTP has now gone 19 straight years without a non-compliance. At the same time, for the 16th year in a row, the Commerce Township WWTP was awarded the Platinum Award, meaning that the Commerce WWTP has now gone 20 years in a row without a non-compliance. NACWA's Peak Performance Awards Program recognizes facilities for excellence in wastewater treatment as measured by their compliance with their National Pollutant Discharge Elimination System (NPDES) permit requirements.</p>
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<b>Construction Stormwater Runoff Control</b>	
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Soil Erosion and Sedimentation Control Program	<p><b>WRC:</b> The WRC Soil Erosion Unit currently has four (4) inspectors and is responsible for implementing the SESC program in 21 cities, 9 villages and 18 townships (48 CVT's).</p> <p>The WRC soil erosion unit issued 671 single-family residential soil erosion permits, 170 commercial soil erosion permits and 331 permit exemptions in FY 2024.</p> <p>The WRC soil erosion unit issued 720 single-family residential soil erosion permits, 250 commercial soil erosion permits and 328 permit exemptions in FY 2025.</p> <p>The WRC Soil Erosion Unit has a fee structure that uses a permit class system to identify the severity of earth disruption and assign appropriate inspection priorities. WRC maintains a soil erosion database to retrieve daily inspections as well as provide information utilized in monthly quality assurance monitoring. The soil erosion unit is fully staffed and the inspection scheduling system is in place. The WRC Soil Erosion program is an exceptional program that results in the significant water quality benefits throughout Oakland County.</p> <p>Soil erosion complaints are documented in the county's Collaborative Asset Management System (CAMS) and details are available upon request.</p>
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<b>Post-Construction Stormwater Runoff Controls for Development and Redevelopment</b>	
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Community Master Plan Review	<p>In FY 2024, Oakland County Planning &amp; Local Business Development reviewed six (6) master plans and one (1) master plan amendment. The master plans were from Commerce Township, Springfield Township, Waterford Township, White Lake Township, the City of Orchard Lake Village and the City of Troy. The master plan amendment was from the City of Northville.</p> <p>In FY 2025, Oakland County Planning &amp; Local Business Development reviewed eleven (11) master plans and two (2) master plan amendments. The master plans were from Independence Township, Highland Township, the City of Pleasant Ridge, the City of Royal Oak, the City of Pontiac, the City of Clawson, the City of Novi, Oxford Township, the Village of Milford, the City of Rochester Hills, and the Village of Franklin. The master plan amendments were from the Village Lake Orion and the City of Southfield.</p>
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<p>Dams</p>	<p>Under the provisions of Part 307 of Act No. 59 of 1995, Inland Lake Levels, the Water Resources Commissioner is delegated the responsibility of participating in legal proceedings to establish and maintain normal lake levels for lakes in Oakland County.</p> <p>At present there are 54 lakes within the County that have an established normal level. The Water Resources Commissioner is the delegated authority to maintain the normal levels of these lakes. The lakes are located in four river basins, distributed as follows: 34 in the Clinton, 13 in the Huron, 2 in the Rouge, 3 in the Shiawassee and 2 in the Flint.</p> <p>A staff Engineer heads the Lake Level Program, which involves the operation and maintenance of 36 lake level control structures and 8 lake level augmentation pumps. In some cases, the level of more than one lake is controlled from a single structure. There are three (3) lake level control technicians assigned to monitor the lake levels and perform the day to day operation of the structures.</p> <p>The regulation of a lake level provides for flood control, enhanced recreational use and protection of property values. The Water Resources Commissioner's Office is available to help facilitate the process of establishing a normal lake level with literature and technical expertise.</p> <p>WRC has emergency action plans for eight (8) of the dams as required by the State's Dam Safety Act. These plans are available upon request.</p> <p>Information on lake levels is available on the WRC Web site at: <a href="https://oakgov.com/government/water-resources-commissioner/stormwater/lakes-watersheds/lake-level-information">https://oakgov.com/government/water-resources-commissioner/stormwater/lakes-watersheds/lake-level-information</a>.</p> <p>In FY 2025, WRC re-evaluated the extensive study of publicly and privately owned dams from 2020 within Oakland County. The updated report will be available soon. The 2020 report is available on the WRC's website at: <a href="https://www.oakgov.com/home/showpublisheddocument/7762/638054990610270000">https://www.oakgov.com/home/showpublisheddocument/7762/638054990610270000</a>.</p>
<p>Drainage District Mapping</p>	<p>As of FY 2025, WRC has 459 assessment districts mapped and approved for use. Of these, 30 are Lake Level Assessment Districts, 429 are Drain Assessment Districts.</p>
<p>Stormwater Standards</p>	<p><b>WRC:</b> WRC employs two engineers, two senior engineering systems coordinators, two engineering systems coordinators and one engineering technician to review construction plans for any involvement with County Drains or their respective easements, mobile home parks, platted subdivisions and/or drain district enlargements as required by the Michigan Drain Code.</p> <p>WRC has a written procedure (P-012) to describe the method for the drainage review of construction plans and issuing of drain involvement permits in accordance with the Public Acts of 1956, the Michigan Drain Code, as amended, and WRC's Stormwater Engineering Design Standards.</p> <p>Beginning in FY 2023, WRC began working collaboratively to track post-construction BMPs through a regional post-construction tracker that is hosted by SEMCOG. Reports are generated and sent by SEMCOG to all participating communities, including WRC, for individual compliance submittal. The FY 2024 and 2025 reports for Oakland County are provided in <b>Appendix 11</b>.</p> <p>-WRC Storm Drain Manhole Cover specifications were updated in FY 2010 and require that all new storm drain manhole covers are stamped with the message "stormwater Only - Dump No Waste! Drains to Waterway!" with a custom logo showing a heron, frog and fish.</p> <p>WRC's updated Stormwater Engineering Design Standards are available on the WRC website at: <a href="https://www.oakgov.com/government/water-resources-commissioner/stormwater/stormwater-engineering-design-standards">https://www.oakgov.com/government/water-resources-commissioner/stormwater/stormwater-engineering-design-standards</a></p> <p>There were a total of <b>2,463</b> website hits in FY2024 and <b>2,712</b> in FY2025 to the WRC's Stormwater Standards website.</p>

<b>Action/Activity</b>	<b>Oakland CDC MS4  NPDES Permit No. MI0060089  FY 2024 and 2025  Measurables  (October 1, 2023 - September 30, 2025)</b>
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USGS Stream Flow Gauges	<p>-One (1) continuous-record gage station was financed by WRC in FY 2024 and FY 2025. This station is located at the Clinton River in Auburn Hills, Gage #0416000.</p> <p>-FY 2024 expenditures on gage operation totaled \$12,386 (USGS covered \$3,614 of the total \$16,000 cost)</p> <p>-FY 2025 expenditures on gage operation totaled \$12,500 (USGS covered \$3,500 of the total \$16,000 cost)</p> <p>-The data can be accessed from the USGS Web site at: <a href="https://waterdata.usgs.gov/monitoring-location/04161000/#parameterCode=00065&amp;period=P7D&amp;showMedian=false">https://waterdata.usgs.gov/monitoring-location/04161000/#parameterCode=00065&amp;period=P7D&amp;showMedian=false</a></p>
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WRC Projects Under Development, Under Construction and Recently Completed	<p>A summary report of WRC's drain, sanitary sewer, drinking water systems, and retention treatment basin projects under design, under construction and completed is available online at:</p> <p>FY 2024: <a href="https://www.oakgov.com/home/showpublisheddocument/27011/638814323927230000">https://www.oakgov.com/home/showpublisheddocument/27011/638814323927230000</a></p> <p>The FY 2025 report will be available on the WRC's website in the near future under the "WRC Annual Drain Projects Report" section available at: <a href="https://www.oakgov.com/government/water-resources-commissioner/resources/reports/wrc-reports">https://www.oakgov.com/government/water-resources-commissioner/resources/reports/wrc-reports</a></p>
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<b>Pollution Prevention and Good Housekeeping for Municipal Operations  Employee/Contractor Training</b>
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	<p><b>WRC:</b></p> <p>FY 2024:</p> <ul style="list-style-type: none"> <li>• 23 WRC employees viewed the "Stormwater Management in Oakland County" training course via WorkDay and received a score of 80% or better on the post-training evaluation.</li> <li>• 15 WRC employees from the Clinton River Water Resource Recovery Facility viewed EGLE's online Stormwater Pollution Prevention Training Video</li> <li>• 7 WRC employees from the Walled Lake Novi WWTP viewed EGLE's online Stormwater Pollution Prevention Training Video</li> <li>• 7 WRC employees from the Commerce Twp WWTP viewed EGLE's online Stormwater Pollution Prevention Training Video</li> <li>• October 2023 - Virtual training on IDEP Alert Observer, IDEP Investigator-level and general Stormwater Pollution Prevention and Good Housekeeping was held in partnership with SEMCOG and ECT, Inc. The following County staff attended the general IDEP awareness training session: <b>OCPRC</b> - 4 staff members. The following County staff attended the IDEP Investigator-level training: <b>OCPRC</b> - 2 staff members. The following County staff attended the Pollution Prevention Good Housekeeping Training: <b>OCPRC</b> - 6 staff members</li> </ul> <p>FY2025:</p> <ul style="list-style-type: none"> <li>• 27 WRC employees viewed the "Stormwater Management in Oakland County" training course via WorkDay and received a score of 80% or better on the post-training evaluation.</li> <li>• October/November 2024 - Training on IDEP Alert Observer, IDEP Investigator-level and general Stormwater Pollution Prevention and Good Housekeeping was held in partnership with SEMCOG and ECT, Inc. The following County staff attended the general IDEP awareness training session: <b>WRC</b> - 3 staff members, <b>OC Parks</b> - 10 staff members. The following County staff attended the IDEP Investigator-level training: <b>OCPRC</b> - 7 staff members. The following County staff attended the Pollution Prevention Good Housekeeping Training: <b>OC Parks</b> - 10 staff members.</li> </ul>
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	<p><b>OCPRC:</b></p> <ul style="list-style-type: none"> <li>• Safety Training Packets containing Stormwater Pollution Prevention Good Housekeeping, and Spill Response and Safety Measure Protocols were provided to all park supervisors in May 2022 along with a packet including the following; Overview of the Oakland County Phase II Permit; Overview of potential maintenance facility environmental emergencies and facility response plans; List of vendors for spill response kits; Overview of the MI Turfgrass Environmental Stewardship Program; OCPR Surface Water Pollution Response Cards.</li> <li>• In 2022 OCPR continued implementing 2 standardized forms for documenting inventory and assessment of storm water assets and pollution prevention activities at all park facilities - "OCPR Annual Facility Storm Water Pollution Prevention Inspection Report" and "Annual Storm Water Structure Inspection Sheet". These forms are completed annually by qualified staff at each park facility containing potential pollutants. Additionally, staff are completing their monthly inspections.</li> </ul>
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Action/Activity

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FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)

**OCPRC:**

In FY2024 and 2025, OCPR continued to distribute an internal Best Practices Resource Guide for Parks and Facilities on Water Resource Permitting. Copies were re-distributed to parks supervisors, district chiefs, and project managers in Fall of 2024 and 2025.

Contractors:

As part of the Oakland County Purchasing Procurement and contracting process, all contractors engaging in construction and related activities must be compliant with all EGLE and WRC stormwater regulations, and satisfy all associated permitting requirements. OCPR-hired project inspectors and general contract managers are Certified Stormwater Operators.

See above description for OCPR's annual staff training for IDEP - the annual storm water safety packet contains materials for Pollution Prevention and Good Housekeeping. In addition, each spring parks are required to complete a Pollution Prevention Facility Inspection and update their spill kits as needed.

- At this time OCPR has 3 Certified Industrial Stormwater Operators on staff.
- 30 staff maintained MDARD Pesticide Applicator Certification at OCPR in FY24 and 21 staff maintained MDARD Pesticide Applicator Certification at OCPR in FY25
- 1 Chief of Park Operations holds the UST A Certification and 3 staff hold UST B Certifications for the Park where they work.
- OCPR staff remain compliant with required licenses for job tasks including, but not limited to: pesticide application, underground storage tanks, CDL, etc.

Staff in OCPR that work in maintenance are required to take the SEMCOG/ECT Stormwater Pollution Prevention Training. In FY2024, 153 staff completed the virtual training.

In addition, Park Supervisors and Maintenance Supervisors are required to take SEMCOG IDEP trainings. In FY24:

SEMCOG Illicit Discharge Elimination Plan (IDEP) Alert Observer: 10 staff

SEMCOG Illicit Discharge Elimination Plan (IDEP) Investigator Training: 8 staff

In FY 2025, 12 staff took the training.

In addition, Park Supervisors and Maintenance Supervisors are required to take SEMCOG IDEP trainings. In FY25:

SEMCOG Illicit Discharge Elimination Plan (IDEP) Alert Observer: 7 staff

SEMCOG Illicit Discharge Elimination Plan (IDEP) Investigator Training: 9 staff

**Action/Activity**

**Oakland CDC MS4  
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FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)**

Employee/Contractor Training  
Related to Stormwater Management  
Activities

OCPRC Staff attended the following trainings in FY2024:  
10/18/2023 - Web: SEMCOG Natural & Working Lands: 1 staff  
10/19/2023 - Web: SEMCOG Energy: 1 staff  
10/20/2023 - MI Regional Stormwater Summit: 1 staff  
11/1/2023 - ANCA Connections Meeting: 2 staff  
11/2/2023 - NAA Virtual Conference: 2 staff  
11/3/2023 - EGLE Stormwater Instructor Certification: 1 staff  
12/5/2023 - Virtual PFAS Summit: 1 staff  
1/16/2024 - Web: NAA Best Practices for Discussing Invasive Species: 1 staff  
1/29/2024 - Stewardship Network: 6 staff  
1/30/2024 - MSU Intro to Lakes Online: 1 staff  
2/6/2024 - MWA MI Freshwater Mussels webinar: 2 staff  
2/12/2024 - ArborCon: 2 staff  
2/13/2024 - EGLE MI Virtual Materials Management Conference: 1 staff  
3/3/2024 - WAM Native Plant Conference: 1 staff  
3/18/2024 - ISA Arborist Prep Course & Test: 1 staff  
3/19/2024 - NAI Regional Conference: 5 staff  
4/8/2024 - EMR Workgroup Meeting: 2 staff  
5/3/2024 - Red Swamp Crayfish Training: 4 staff  
5/16/2024 - MI Healthy Climate Conference: 1 staff  
5/29/2024 - MWA Wetland Bird ID: 1 staff  
5/30/2024 - Huron Pines Fire Day: 1 staff  
6/2/2024 - Society of Freshwater Science Conference: 2 staff  
6/11/2024 - MWA: Prairie Fen, Southern Wet Meadow & Mesic Sand Prairie: 2 staff  
8/5/2024 - MISC Summer Field Trip: 1 staff  
8/8/2024 - MWA Freshwater Mussel: 1 staff

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(October 1, 2023 - September 30, 2025)**

**Action/Activity**

OCPRC Staff attended the following trainings in FY2025:  
 10/3/2024MI Sustainability Conference: 1 staff  
 11/20/2024Web: MWA Wetlands Michigan Natural Features Inventory: 1 staff  
 12/3/2024Virtual Great Lakes PFAS Summit: 1 staff  
 1/23/2025Stewardship Network Conference: 5 staff  
 2/4/2025SEMCOG: Green Infrastructure Grant Process: 1 staff  
 2/4/2025MI Prescribed Fire Council Online Training: 1 staff  
 2/10/2025Intermediate Wildland Fire Behavior Training: 2 staff  
 2/11/2025ArborCon: 2 staff  
 2/26/2025Intro to EGLE webinar: 1 staff  
 3/18/2025MISC Annual Meeting: 2 staff  
 4/11/2025Mparks MIOSHA: 2 staff  
 5/9/2025MDNR Red Swamp Crayfish Training: 2 staff  
 6/1/2025IMAGIN Conference: 1 staff  
 8/5/2025MWA Freshwater Mussel: 1 staff  
 9/29/2025Prescribed Burn Workshop: 2 staff

OCFM:  
 In FY 2024, all OCFM staff viewed the Municipal Stormwater Pollution Prevention DVD.  
 In FY 2025, all 29 OCFM staff viewed the PPGH video available from SEMCOG University on 8/27/2025.

As of FY 2025, the following County staff are Certified Industrial Stormwater Operators and/or Certified Construction Site Stormwater Operators - lists of certified staff are available upon request:

**Industrial:**  
 WRC - 10  
 OCPRC - 5  
 OCFM - 2

**Construction:**  
 WRC - 38  
 OCPRC - 1

In FY 2013, Pollution Prevention language was added to the Notes section on the soil erosion and sedimentation control details sheet and is available electronically at: <https://www.oakgov.com/home/showpublisheddocument/5342/63805139342950000> to address the contractor training requirements

**Pollution Prevention and Good Housekeeping for Municipal Operations  
Maintenance Activities for Stormwater Structural Controls**

Bar Screen Cleanout

WRC staff cleaned 2,638 bar screens in FY 2024 and 3,022 in FY 2025.

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**Action/Activity**

<p>Catch Basin Cleaning</p>	<p><b>WRC:</b> In FY 2024, 538 cubic yards of storm debris was properly disposed of and 1,300 cubic yards of storm debris was properly disposed of in FY 2025. There were 35 catch basins cleaned during this timeframe. In FY 2025, WRC procured a Vactor truck to be used solely for catch basin cleaning. A contractor will be procured to address the backlog of catch basins from 2021-2024 in need of cleaning for WRC-maintained systems. It is anticipated that WRC will perform catch basin cleaning on a 6-year, or as-needed, schedule using both internal staff and/or contractors.</p> <p>The WRC Sewer Maintenance Unit properly disposed of approximately 1,172 cubic yards of debris/waste (450.5 yards from sanitary sewer systems and 721.5 yards from storm systems) in FY 2022. A total of 774 yards of debris/waste were properly disposed of in FY 2023 (603 yards from sanitary sewer systems and 171 yards from storm systems).</p> <p><b>OCFM:</b> In FY 2024 - roughly 100 catch basins were cleaned out and 5 catch basins were rebuilt and 5 were added as part of the County Center Dr re-paving project. Between catch basin cleaning and street sweeping, approx. 325 cubic yards of debris was removed and disposed of properly. In FY 2025 - one (1) catch basin was cleaned and rebuilt at the Oakland County Jail</p> <p><b>OCPRC:</b> Beginning in FY2024, the Natural Resources Freshwater Team began conducting annual stormwater asset inspections at their facilities using a standardized inspection form. Standardized annual inspections provide the framework for the development of system-wide maintenance standards for stormwater asset maintenance, as well as, future maintenance budget forecasting. Currently, facility catch basins are cleaned on an as-needed basis that varies by location and operation. OCPR contracts with WRC and alternative Vactor service contractors to perform catch-basin cleaning when needed. In FY 2025, 28 catch basins were vactored.</p>
<p>Pump Station Maintenance</p>	<p>WRC operates and maintains stormwater pumping stations that help prevent flooding during rain events. The stations are inspected on a regularly scheduled interval to verify local/remote alarms are functional and that pump station equipment is working properly. Wet wells and bar screens in the storm and sanitary pump stations are cleaned twice per year. In addition, bar screens in stormwater pumping stations are cleaned after every significant rain event.</p>

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FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)**

**Action/Activity**

Sanitary Sewer Maintenance and Inspections	<p><b>WRC:</b> FY 2024: WRC staff performed 1,538 manhole inspections and 293 manhole repairs, CCTV'd 564,976 linear feet of sewer, and cleaned 592,490 linear feet of WRC-owned or -operated sanitary sewer systems. In addition, there were 472 complaints and 72 plugged sewers logged and addressed. FY 2025: WRC staff performed 700 manhole inspections and 133 manhole repairs, CCTV'd 530,953 linear feet of sewer, and cleaned 537,496 linear feet of WRC-owned or -operated sanitary sewer systems. In addition, there were 438 complaints and 44 plugged sewers logged.</p> <p>WRC Sewer Maintenance Unit properly disposed of approximately 312.5 yards of sanitary and 65.5 yards of storm debris/waste in FY 2024 and 122 yards of sanitary and 1,595 yards of storm debris/waste in FY 2025.</p>
Stormwater Detention/Retention Basin Maintenance and Inspections	<p><b>WRC:</b> In FY 2024, 20 stormwater detention basins were surveyed/inspected. WRC has hired a consultant to assist in the effort. A 10-year inspection cycle is planned for basins maintained by WRC with the hopes of having all basins inspected/surveyed by 2033. In FY 2025, 50 stormwater detention basins were surveyed and three (3) were repaired.</p> <p>Inspections are documented on Form DC-450, "WRC stormwater Detention Basin Field Report" and are available upon request.</p>
Storm Drain Maintenance and Inspections	<p><b>WRC:</b> WRC performs necessary maintenance on County Drains as budget and schedule allow. Maintenance Mechanic I's and above are certified stormwater operators and have completed soil erosion training. WRC complies with proper procedures to protect the drain from erosion, reduce the amount of solids entering the drain, stabilize stream banks and protect aquatic habitat.</p> <p>In FY 2024, WRC inspected 5,060 structures, 96 drains and performed 720 structure repairs. In FY 2025, WRC inspected 4,910 structures, 83 drains and performed 712 structure repairs.</p>

**Pollution Prevention and Good Housekeeping for Municipal Operations  
Controls Used for Reducing or Eliminating Discharges of Water and Pollutants from Streets and Maintenance Garages**

**Action/Activity**

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Fleet Maintenance and Storage  
Yards

**WRC:**

The following WRC facilities have existing SWPPPs, PIPPs and/or SPCCs and have met all eligible requirements to date:

- 8 Mile Road Pump Station - SPCC updated August 2022
- Walnut No. 1 Pump Station - SPCC updated August 2022
- Elizabeth Lake Pump Station - SPCC updated July 2025
- Northeast Sewage Pump Station - SPCC and PIPP last updated January 2020 and currently under review for updates
- 522 S. Opdyke - Water Maintenance North; SWPPP updated October 2025
- Pontiac Water Booster Station - SPCC updated July 2025
- The Pontiac WWTPs - Auburn and E. Blvd Sites updated SWPPPs in May 2023
- The Pontiac WWTPs - Auburn and E. Blvd Sites updated PIPPs in May 2023
- The Pontiac WWTP - Auburn and E. Blvd Sites updated SPCC May 2023
- Pump Maintenance Building - PIPP updated July 2023
- All four (4) Retention Treatment Basins have a PIPP - updated September 2022
- Spill cabinet inventory inspections were conducted at all WRC facilities with a SWPPP/PIPP/SPCC's in April 2024/2025 and November/December 2024/2025

**OCFM:**

FY 2024 and 2025 - Continuing with good housekeeping practices and monthly, quarterly and yearly inspections of shop and chemicals in line with OCFM's Integrated Contingency Plan (ICP) which is a combination of a Spill Prevention, Control & Countermeasure Plan, Pollution Incident Prevention Plan, Storm Water Pollution Prevention Plan, RCRA Contingency Plan and OSHA Emergency Response Plan.

**OCPRC:**

- OCPRC continues (since 2010) to maintain a contract for system-wide purchase and use of 'green' cleaning products.
- As much as possible, park facilities utilize "green" cleaning products that are low in volatile organic compounds, reducing the amount of toxins in the air and reduce water contamination in the environment
- Biofuels and biolubricants are used in heavy equipment, mowers, and utility vehicles in the park fleet when and where the benefits of such products outweigh those of using conventional fuels, oils, and lubricants.
- All park maintenance yards are required to do an annual pollution prevention inspection and refresh their on-site and vehicular spill kits and spill response plans. Inspection reports since FY17 are available upon request.
- Oakland County Parks Natural Resources Department has added 4 electric vehicles to its fleet in FY23/24: 2 Chevy Bolts and 2 Ford Lightnings

Several OCPRC facilities are pursuing certification or recertified under the MTESP program (see below under MTESP activity) which addresses many of the requirements in a SWPPP/PIPP/SPCC plan.

- Currently the following parks achieved lifetime recertification with the MTESP program: Springfield Oaks, Lyon Oaks, White Lake Oaks, Red Oaks, Groveland Oaks, Waterford Oaks, Glen Oaks

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**Action/Activity**

<p>Road Salt Application</p>	<p><b>OCFM:</b> OCFM continues to maintain its covered salt storage structure that holds up to 1,000 tons of salt and its self-contained Salt Brine Maker stored in the Grounds shop which produces salt brine for its use.</p> <p>FY 2024 - 100% Salt brine and Headwaters Hot used on sidewalks, parking areas and roads. Approximately 300 tons of salt were used. OCFM currently has 3 - 1,000 gallon brine sprayers and 1-350 gallon brine sprayer. FY 2025 - 100% Salt brine and Headwaters Hot used on sidewalks, parking areas and roads. Approximately 937 tons of salt were used. OCFM currently has 3 - 1,000 gallon brine sprayers, 1-350 gallon brine sprayer and 4 - 90 gallon sprayers.</p>
<p>Street Sweeping Programs</p>	<p><b>OCFM:</b> OCFM-Grounds Division cleans all county-owned streets and parking lots (approximately 92 acres of parking lots and roadways) throughout the year. A Tymco Regenerative Air Street Sweeper was purchased in 2020.</p> <p>In FY 2024- between catch basin cleaning and street sweeping, approx. 325 cubic yards of debris was removed and disposed of properly. In FY 2025 - from street sweeping, approximately 291 cubic yards of debris was removed and disposed of properly at an off-site facility. A total of 4.69 curb miles were swept at least twice and 50 parking lots were swept at least once.</p>
<p>Waste Reduction Program</p>	<p><b>WRC:</b> In FY 2024 and 2025, no batteries were recycled. In FY 2024 and 2025, WRC prevented a total of 24 pounds of recyclables from entering Michigan landfills.</p> <p><b>OCPRC:</b> - Parks are recycling batteries to match the Oakland County-wide battery recycling program - Parks have received new recycling containers to be implemented once we have a new waste disposal contract - The park system uses 100% recycled paper</p> <p><b>OCFM:</b> FY 2024- Ten "Big Belly" solar powered compacting trash containers are currently in use. There was approx. 615,287 pounds of paper recycled. The Single Stream Recycling Program was implemented beginning in April 2024 on the Oakland County campus. FY 2025 - Ten "Big Belly" solar powered compacting trash containers are still in use. Oakland County still recycles its paper; unfortunately, the new vendor does not track quantities.</p> <p>In FY 2024: 615,287 pounds of paper were recycled. This equates to the following environmental benefits:</p> <ul style="list-style-type: none"> <li>● 5,230 trees saved</li> <li>● 1,08 cubic yards of waste kept out of landfills</li> <li>● 2,153,505 gallons of water saved</li> <li>● 738 barrels of oil saved</li> <li>● 1,224,421 kwh of electricity saved</li> </ul>

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**Action/Activity**

**Managing Vegetated Property**

Fertilizer Use	<p><b>OCFM</b> uses a 50% slow-release granular fertilizer on County property. A soil test is also conducted every three years to determine the soil conditions. OCFM is also using organic fertilizer in four areas as a pilot. Beginning in 2013, Phosphorus has been eliminated from our granular fertilizer program.  FY 2024- Two rounds of slow release fertilizer applied to turf. 20 additional acres of turf were converted to "no mow and no fertilizer" areas. "No Mow" areas are mowed once in the spring.  FY 2025 - Two rounds of slow release fertilizer applied to turf. "No Mow" areas are mowed once in the spring.</p> <p><b>OCPRC</b> adheres to the phosphorus fertilizer regulations with the exception of golf course properties demonstrating exemption through soil test results. OCPR conducts soil testing through MSUE laboratories to inform all planting projects associated with major maintenance and capital improvement projects.</p>
Greenbelt Maintenance	<p><b>OCFM</b> continues to maintain a buffer zone along ditches. The buffers are not fertilized or mowed. These buffer zones were expanded in 2012/2013, as part of a USEPA grant, administered through SEMCOG, as part of the "Regional Green Streets" initiative.  FY 2024 and 2025 - Continued mowing <i>Phragmites</i> infested areas. No controlled burns were used on <i>Phragmites</i> this growing season.</p> <p><b>OCPRC</b> - All parks now have designated "no-mow zones" that decrease the amount of gas and energy used in maintaining park property and allows for natural plant progression and reduces runoff into adjacent waterways. OCPR maintains constructed vegetated swales containing native plant materials or ecoturf for parking lot/ facility stormwater management at the following OCPR parks: Waterford Oaks, Red Oaks, Lyon Oaks, Glen Oaks and Groveland Oaks. New no-mow zones were implemented at Waterford Oaks, Independence Oaks and Addison Oaks in FY 2022.</p>
Irrigation Practices	<p><b>OCFM:</b> In FY 2012, OCFM completed the installation of moisture sensors for the entire 100 acres of irrigated turf on the campus. These moisture sensors monitor the relative humidity, temperature, and rain amounts, and automatically alter the system to run according to a preset amount of moisture. These sensors have already shown a dramatic cut back on water use. OCFM staff have conservatively projected a return on investment of two to three months on this expenditure.  FY 2024 and 2025 - Continuing to install Hydrowise systems.</p>
Mowing Practices	<p><b>OCFM</b> - Mower blades have been set at a height of four inches to follow the Michigan Turf Grass recommendation.  FY2024 - Added another 20 acres as "no mow" areas.  FY2025 - Converted 9.2 acres of "no mow" areas into sunflower areas.</p> <p><b>OCPRC</b> - All parks now have designated "no-mow zones" that decrease the amount of gas and energy used in maintaining park property and allows for natural plant progression and reduces runoff into adjacent waterways.</p>
Pesticide Applications	<p><b>OCFM:</b>  All 9 of the OCFM full-time grounds keeping staff are certified pesticide applicators. Staff are retested every three years to maintain certification. OCFM has had certified pesticide applicators on staff since 1976. In addition, OCFM has been practicing integrated pest management (IPM) techniques for close to 30 years for both indoor and outdoor operations. A Drift Management Plan was developed in 2011 and is available upon request.  FY 2024 - Continued using a steam weeder. The areas around the Executive Office Bldg (EOB) were designated "pesticide-free" zones.  FY 2025 - Continued using the steam weeder in pesticide-free zones, such as areas around the EOB and daycare.</p> <p><b>OCPRC:</b>  Integrated pest management principles are established at all parks to reduce the use of chemical pesticides. In FY24, OCPR NR employed 10 certified pesticide applicators. In FY25, OCPR NR employed 8 certified pesticide applicators. Within the OCPRC Natural Resource Management Department, aquatic-safe herbicides and surfactants are used as a BMP. Park Drift Management Plans are reviewed annually and updated as-needed.</p>

<b>Action/Activity</b>	<p><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
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Prescribed Burn Program	<p>In 2007, Oakland County Parks initiated a Prescribed Burn Program for Natural Area Restoration.</p> <p>To date, prescribed burns have taken place on more than 2500 acres at Addison, Independence, Rose, Groveland, Orion, Highland, White Lake, Springfield, Waterford, and Lyon Oaks where fire is being used to restore both upland and wetland natural areas and improve habitat quality within the parks. The timing of burns is carefully planned to minimize risk to park wildlife. The burns reduce shrubby invasives, release nutrients into the system, and facilitate microhabitat that favors native forbs, grasses, sedges, and wildflowers.</p> <p>Burns take place under the supervision of Oakland County Parks staff and licensed professionals, in cooperation with local fire departments. In 2024, OCPR burned approximately 587.7 acres and approx. 591 acres in FY 2025.</p>
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Turf Management Training	<p><b>OCPRC:</b> Oakland County Parks has partnered with the Michigan Turfgrass Environmental Stewardship Program (<a href="http://www.mtesp.org">http://www.mtesp.org</a>) to increase environmental stewardship and water quality management at several Oakland County Park Golf Courses.</p> <p>Components of the Golf Course Program include:          -Compliance with environmental laws &amp; regulations.          -Reduced herbicide and fertilizer applications.          -Environmentally-sensitive course maintenance.          -Green Purchasing, Energy Conservation &amp; Waste Reduction.          -Wildlife corridors, no-mow zones and prescribed burns.</p> <p>In 2008, Groveland Oaks was the first park in Michigan to be environmentally certified by the Michigan Turfgrass Environmental Stewardship Program. All 5 OCPRC golf courses have been recertified through the program as of FY2019. In addition, Waterford Oaks and Groveland Oaks are certified through MTESP.</p> <p><b>OCFM</b> continues to implement best practices related to mowing, fertilization, pesticide use and irrigation.          FY 2024 and 2025 - Pesticide Applicators have attended seminars for re-certification credits.</p>
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<b>Total Maximum Daily Load (TMDL) Implementation</b>	
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TMDL Plan Implementation	<p><b>WRC:</b>          No TMDL data was collected in FY 2024.          In FY 2025, WRC collected TMDL data on five (5) County drains during eight (8) sampling events at eight (8) different locations for <i>E. coli</i>, Phosphorus, Ammonia and/or TSS. The results are included in <b>Appendix 12</b>.</p> <p><b>Partner TMDL Work:</b>          A number of agencies and partner groups have completed water quality monitoring work to help inform progress towards meeting TMDL requirements in area watersheds. A summary of all the relevant work includes the following documents:          - GLWA Watershed Hub Work Group Annual Monitoring Report, February 2024 and April 2025 (<b>Appendix 13</b>).          - ARC 2024 and 2025 TMDL Report (<b>Appendix 14</b>).          - EGLE 2024 Integrated Monitoring Report (<b>Appendix 15</b>).          - FOTR 2024 and 2025 Monitoring Reports for Fish Studies, Macroinvertebrates and Frog/Toad Surveys (see "Friends of the Rouge Monitoring Activities" referenced below)</p>
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<b>Extra Activities (Not included in SWMP)</b>	
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Adopt-A-Stream Training Workshops	<p>In FY 2024, CRWC conducted 8 Adopt-A-Stream volunteer trainings and 2 Bug ID workshops for the watershed community. A total of 37 people attended these workshops and trainings. Trainings were held both in-person and virtually.</p> <p>In FY 2025, CRWC conducted 8 AAS volunteer trainings, 1 Stonefly Search volunteer training, and 2 bug ID workshops were held with 63 total attendees. See Appendix H of <b>Appendix 20</b> for a complete list of dates, locations, and attendance for AAS trainings for FY 2024 &amp; 2025</p>
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NPDES Permit No. MI0060089  
FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)**

Action/Activity	
Adopt-A-Stream Volunteer Water Quality Monitoring Program	In FY 2024, a total of approximately 307 volunteers participated in the CRWC's Spring and Fall Adopt-A-Stream monitoring and monitored a total of 48 unique stream sites within the watershed. Water quality monitoring data collected through the program is available on CRWC's Adopt-A-Stream webpage: <a href="https://www.crwc.org/adopt-a-stream">https://www.crwc.org/adopt-a-stream</a>  In FY 2025, 45 sites were monitored by approximately 350 volunteers.
Alliance of Rouge Communities Activities	A summary of Alliance of Rouge Communities (ARC) activities throughout FY 2024 and FY 2025 that support the efforts of Oakland County's natural resource protection and preservation efforts are provided in <b>Appendix 16</b> , "ARC Executive Director's 2024 and 2025 Annual Report".  The ARC also prepared a number of summary documents related to progress on its collaborative PEP, PPP, and IDEP plans as follows: - 2024-2025 ARC Collaborative PEP Progress Reports ( <b>Appendix 17</b> ) - 2024-2025 ARC Collaborative PPP Progress Reports ( <b>Appendix 18</b> ) - 2024-2025 ARC Collaborative IDEP Progress Reports ( <b>Appendix 19</b> )
Ask Extension (MSUE)	Through the Ask Extension system, Michigan residents can ask questions and receive expert answers quickly on a broad range of subjects through an online form. University research-based information is provided to help residents improve their quality of life, family, lawn and garden, soil testing, native plants, business, water quality and environment. In 2024, 819 inquiries were received and answered for Oakland County callers. In 2025, 879 inquiries were received and answered for Oakland County residents.
Clinton Cleanup	In FY 2024, CRWC coordinated a total of 15 volunteer trash cleanups within the watershed for Clinton Cleanup. At least 163 volunteers participated and removed over 1,048 pounds of trash and waste. Volunteers included community members, government partners, and sponsors such as Home Depot and Genisys Credit Union.  In FY 2025, 16 volunteer trash cleanups were completed with 272 volunteers and approximately 1,267 pounds of trash were collected. See Appendix E of <b>Appendix 20</b> for a complete list of Clinton Clean Up activities and event locations for FY 2024 & 2025.
Clinton River Watershed Council Collaborative Public Education Plan (PEP)	The CRWC works collaboratively with many municipalities, Macomb and Oakland counties and MSU-Extension within the Clinton River watershed to address the public education goals of the MS4 program. A summary of the FY 2024 and 2025 efforts as part of the Collaborative PEP are available in <b>Appendix 20</b> and on the CRWC's "Stormwater Communities" website at: <a href="https://www.crwc.org/programs/education/communities">https://www.crwc.org/programs/education/communities</a>
Clinton River Watershed Explorer Tool	In FY 2022, a tool was developed to explore issues facing the Clinton River Watershed. The tool allows users to explore the watershed, learn about water-related issues, and evaluate different strategies to manage water now and in the future in the watershed. Parameters including <i>E. coli</i> , water volume and water monitoring in the watershed can be explored with the tool. It's available online at: <a href="https://iwr.msu.edu/clintonriver/home">https://iwr.msu.edu/clintonriver/home</a>
CRWC Weekly Clean Program	In FY 2024, CRWC coordinated a total of 34 cleanups as part of the Weekly Clean volunteer stewardship program. Of the 34 cleanups, 1 concluded early. Volunteers new and old combined their efforts of 890 volunteer hours and collected approximately 4,045 pounds of trash from the Clinton River, its tributaries, and surrounding park areas.  In FY 2025, 30 weekly cleanups were completed with 392 volunteers at parks, green spaces, and other public areas in the watershed. An estimated 4,585.2 pounds of trash were collected. Of the 31 scheduled cleanups, 1 was cancelled due to inclement weather. See Appendix G of <b>Appendix 20</b> for a complete list of cleanup dates and locations for FY 2024 & 2025
EV Charging Station Installation	Facilities Management and the Office of Sustainability partnered to install the first dual port EV Charger on campus within the Board of Commissioners parking lot. Public-facing chargers are expected to debut in 2026.

<b>Action/Activity</b>	<b>Oakland CDC MS4          NPDES Permit No. MI0060089          FY 2024 and 2025          Measurables          (October 1, 2023 - September 30, 2025)</b>
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Flow Monitoring Sensors Initiative	<p>Open-storm.org is an open source blueprint for smart water systems founded by Professor Kerkez and the Real-Time Water Systems Lab at the University of Michigan. The project builds upon the same advances found in cell phones and autonomous cars to transform how we manage our water. From wireless sensors to real-time applications, we combine the flow of water with the flow of information to help watershed managers monitor and manage aging water infrastructure, which can be over decades old, sometimes older than a century. Looking ahead, these advances not only help inform maintenance and alerts (e.g. flood warnings), but also promise a future where existing valves and pumps are operated in real-time to instantly "redesign" existing infrastructure to be used much more effectively.</p> <p>Today we are laying the foundation for smart stormwater systems, starting with a massive network of wireless water level sensors. These sensors enable us to more finely track the movement of water throughout Oakland County and beyond. These efforts are just the first step in a new pilot by the Michigan Department of Environment, Great Lakes, and Energy and its partners to deliver the latest innovations in stormwater management throughout the Clinton River Watershed and Huron River Watershed.</p> <p>WRC has coordinated the installation of 17 sensors in relation to its lake level monitoring sites within the Clinton River Watershed.</p> <p>Currently, there are:</p> <ul style="list-style-type: none"> <li>- 40 sensors in the Clinton River watershed (20 in Oakland County)</li> <li>- 25 sensors in the Huron River watershed (2 in Oakland County)</li> <li>- There are hopes to expand the program into the Rouge River watershed.</li> </ul> <p>In FY 2021, most of the sensors installed were updated to a new model.</p> <p>In FY 2025, WRC's lake level group started to utilize new Hyfi sensors on a day to day basis for operation. With this, we are working with Hyfi and Professor Kerkez on a grant for utilizing AI to better manage lake levels and flows within the watershed.</p>
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Friends of the Rouge Monitoring Activities	<p>A summary of FOTR monitoring activities that help support the natural resource protection and preservation efforts in Oakland County include:</p> <ul style="list-style-type: none"> <li>• 2024 and 2025 Spring Bug Hunt Reports (<b>Appendix 21</b>).</li> <li>• 2024 and 2025 Fall Bug Hunt Reports (<b>Appendix 22</b>).</li> <li>• 2024 and 2025 Winter Stonefly Search Reports (<b>Appendix 23</b>). Bug Hunt Finding Maps for FOTR are available online at: <a href="https://therouge.org/bug-hunt-finding-maps/">https://therouge.org/bug-hunt-finding-maps/</a></li> <li>• 2024 and 2025 Frog and Toad Survey Reports (<b>Appendix 24</b>). The 1998-2025 survey map is available online at: <a href="https://www.arcgis.com/home/webmap/viewer.html?webmap=e4b18f04c7ba41d994ada14baefd717d&amp;extent=-83.7804,42.1809,-82.4346,42.6554">https://www.arcgis.com/home/webmap/viewer.html?webmap=e4b18f04c7ba41d994ada14baefd717d&amp;extent=-83.7804,42.1809,-82.4346,42.6554</a>.</li> <li>• 2024 - FOTR and Wayne County Odonata 2023 Sampling Data Review Summary (<b>Appendix 25</b>)</li> <li>• 2024 and 2025 Rouge River Fish Monitoring Reports (<b>Appendix 26</b>). A summary of all the species of fish found in the Rouge River are available on the FOTR website at: <a href="https://therouge.org/species-of-fish-found-in-the-rouge-river/">https://therouge.org/species-of-fish-found-in-the-rouge-river/</a> A map of the sampling locations is available online at: <a href="https://www.google.com/maps/d/u/0/viewer?mid=1KceRpGBvuwHoMZV8vN08nzkJfXEOGfC&amp;ll=42.4461277191809%2C-83.37838249999997&amp;z=11">https://www.google.com/maps/d/u/0/viewer?mid=1KceRpGBvuwHoMZV8vN08nzkJfXEOGfC&amp;ll=42.4461277191809%2C-83.37838249999997&amp;z=11</a></li> </ul>
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<b>Action/Activity</b>	<b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b>
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George W. Kuhn (GWK) Facility Property Green Stormwater Infrastructure Improvements Project	<p>The GWK Facility Property Green Stormwater Infrastructure Improvements Project, located in Madison Heights (Clinton River Watershed), involved a redesign and expansion of the facility's parking lot that now drains into a new bioretention area (~5,000 sqft), several new shade trees around the parking lot, and the conversion of roughly 3 acres of turf grass into native prairie. Construction began in the spring of 2024 and was substantially complete in the winter of 2024. Partial funding (\$95,000) was provided by EPA via SEMCOG for the bioretention portion of the project. The projects resulted in the following water quantity and quality benefits:</p> <ul style="list-style-type: none"> <li>- GWK Facility Bioretention Area/Rain Garden: 5,174 square feet; 4,139 cu. ft. of storage volume; 200,000 gallons of stormwater treated annually; 0.61 acres of impervious surface managed</li> <li>- GWK Facility Native Prairie: 139,677 square feet; 1,023 cu. ft. of storage volume; 40,000 gallons of stormwater treated annually; 3.21 acres of turf grass managed</li> </ul> <p>A blog post was shared to County employees and beyond about the project at: <a href="https://oaklandcountyblog.com/2023/07/19/oakland-county-water-resources-receives-funding-for-stormwater-improvement-project/#more-59666">https://oaklandcountyblog.com/2023/07/19/oakland-county-water-resources-receives-funding-for-stormwater-improvement-project/#more-59666</a>.</p> <p>The project will result in numerous environmental benefits and aims to:</p> <ul style="list-style-type: none"> <li>- Improve water quality</li> <li>- Help infiltrate water into the ground using native plants</li> <li>- Reduce pollutants from entering the system</li> <li>- Decrease the carbon footprint of the George W. Kuhn Retention Treatment Basin</li> <li>- Provide public education on the impacts of stormwater</li> <li>- Increase climate resilience</li> </ul>
Groundwater Model Program (MSU-Extension)	<p><b>MSUE:</b> Groundwater model demonstrations were conducted at a variety of MSUE-sponsored and partner-sponsored events. A video (located here: <a href="https://mediaspace.msu.edu/id/1_9vwq3qh8">https://mediaspace.msu.edu/id/1_9vwq3qh8</a>) is available for schools to use. In addition to water model demonstrations, hands-on activities focused around macroinvertebrate sampling and water quality, invasive species and the importance of trees were delivered to fourth and fifth graders at local water festivals in 2024 including: Lake St. Clair Water Festival (125 students on 5/14/24), Clinton River Water Festival (103 students on 5/7/24), Rouge River Water Festival (231 students on 9-19 and 9-20-2024), and Detroit River Water Festival (195 students on 9.25.2024). 2025 activities included the following water festivals: Detroit River Water Festival (192 students on 5-6 and 5-7-2025), Lake St. Clair Water Festival (150 students on 5/13/2025), Rouge River Water Festival (374 students on 9-16, 9-17, 9-18, and 9-19), and Detroit River Water Festival (200 students on 9-23 and 9-24-2025).</p>
HomeGuard Program	<p>In FY 2024, WRC created the HomeGuard Program which is a subsidized program with the goal to help prevent wastewater and stormwater from entering homes during heavy, localized rains. The project team works directly with homeowners to install a backwater valve prevention system in homes connected to combined sewer systems. The team is currently implementing a limited pilot program in the City of Berkley. The pilot program area consists of 536 homes. The analytics and success of the pilot program will be used to attract grant funding for a future, larger implementation of HomeGuard. To date, the program has completed over 150 inspections and completed work in 38 qualifying homes. Ongoing activities include continuing home installations as well as compiling data and lessons learned from the pilot program into a summary report. More information is available on WRC's website at: <a href="https://www.oakgov.com/government/water-resources-commissioner/services/homeguard">https://www.oakgov.com/government/water-resources-commissioner/services/homeguard</a></p>
Huron River Watershed Council Programming	<p>A summary of HRWC outreach and monitoring activities for 2024-2025 that help support the natural resource protection and preservation efforts in Oakland County are provided in <b>Appendix 27</b>.</p>
LEED for Cities Gold	<p>Oakland County is certified LEED for Cities Gold. More information on the certification is available at: <a href="https://www.oakgov.com/Home/Components/News/News/1576/2392">https://www.oakgov.com/Home/Components/News/News/1576/2392</a></p>
Master Gardener Volunteer Program (MGVP)	<p>In Fall 2021 and prior, participants were enrolled in the Oakland County Extension Master Gardener Volunteer Program. Each participant received 40+ hours of instruction including a 2-hour water quality presentation and groundwater model demonstration that is part of the Chapter "Gardening Practices to Protect Water Quality." In 2023, the Extension Master Gardener went through an overhaul and no programs were held. In 2023, 98 participants went through the MSU Extension Foundations of Gardening (FOG) online course, which is a comprehensive 10-week online MSU Extension course that explores many aspects of gardening, including Environmental gardening covering gardening practices to help protect water quality. 151 participants completed FOG in 2024, and 135 in 2025.</p>

Action/Activity	<p style="text-align: center;"><b>Oakland CDC MS4 NPDES Permit No. MI0060089 FY 2024 and 2025 Measurables (October 1, 2023 - September 30, 2025)</b></p>
MiCareerQuest	<p>In FY2025, on 11/19/2024, nearly 8,000 students and teachers from 114 high schools in a six-county region (Oakland, Macomb, Wayne, Livingston, Washtenaw and Wayne) came to the Suburban Collection Showplace to attend the fourth annual MiCareerQuest Southeast. This event is the largest one-day career exploration event for high school students held in the region.</p> <p>The public works industry was well represented with folks from the Great Lakes Water Authority, the American Water Works Association and several public works departments. In the construction quadrant, six of WRC's Systems Control and Water Maintenance staff provided hands-on activities to involve students and showcase some of the skills needed to succeed.</p> <p>WRC Systems Control Supervisor Tim Pete, Systems Control Supervisor Jeremy Hunt, and Electronics Technician Adam Steffes talked with students about water safety, and the role of our office to collect, deliver, clean, and release water back to the environment. The team used informational posters, a live SCADA demonstration and a working model to engage the students.</p> <p>WRC Water Maintenance Supervisor David Vicini partnered with Water Maintenance Mechanic Rodney Landrum and Water Maintenance Mechanic Robbert Arder to talk about field maintenance work using a fire hydrant model provided by East Jordan and a water system simulation that was built by David to demonstrate a main break repair.</p> <p>In the health sciences quadrant, WRC Special Projects Manager Carrie Cox led the AWWA exhibit highlighting chemists and lab work with Water Resource Recovery Supervisor Steven Parrish and the City of Ann Arbor Water Utility Supervisor Amanda Carl.</p> <p>MiCareerQuest is a great way to share the important work that we do with the next generation. Not only do students hear about career opportunities, but young minds learn a little more about our greatest resource, water!</p> <p>This event is organized by Oakland County Michigan Works! and the Oakland County Department of Economic Development, with support from the Michigan Department of Labor and Economic Opportunity, and economic development, labor and education partners from Macomb, Wayne, Monroe, Washtenaw and Livingston Counties. For more information, visit <a href="https://oakgov.com/micareerquest">oakgov.com/micareerquest</a>.</p>
Michigan Cooperative Lakes Monitoring Program (CLMP)	<p>The MiCorps' Cooperative Lakes Monitoring Program (CLMP) has been an important component of Michigan's inland lakes monitoring program for 50 years, which makes it the second oldest volunteer monitoring program for lakes in the country. The primary purpose of this cooperative program is to help citizen volunteers monitor indicators of water quality in their lake and document changes in lake quality over time. Data collected by volunteers are used by the local individuals and communities, state and federal agencies, and academics to better understand, manage and enjoy Michigan's lakes. The data is held in a publicly available online database for all stakeholders to readily access. Over 1,000 lakes have participated in the CLMP over the last 50 years. Quick Oakland County Stats: 123 Oakland County lakes have been monitored at least once by volunteers during the last 50 years; Lakeville Lake, Taylor Lake, Sherwood Lake, and White Lake all have over 20 years of data. 21 lakes were sampled by volunteers in 2023; 22 lakes were sampled by volunteers in 2024; 22 lakes were sampled by volunteers in 2025. Full information about the Cooperative Lakes Monitoring Program can be found here: <a href="https://www.micorps.net/">https://www.micorps.net/</a>.</p>
Michigan Conservation Stewards Program (MCSP)	<p>The Michigan Conservation Stewards Program (CSP) is an 8-week, hybrid educational program for adults who are enthusiastic about learning science-based ecosystem management principles and sharing this knowledge with others to help improve their local communities. Through this program, learners will learn essential strategies to understand and help restore and conserve ecosystems in Michigan communities. This program includes field experiences to explore area natural communities, online learning, and indoor classes held in unique places. Participants also put their learning into action by working directly with local conservation groups. Learning cohorts are instructed and organized by MSU Extension, Michigan Sea Grant, Michigan Natural Features Inventory, and/or a variety of local conservation organizations and experts. The MSUE Michigan Conservation Stewards Program and Michigan Naturalist Program offered a joint alumni conference on May 16, 2025 in Mt. Pleasant at the Zibiwing Center attended by 57 alumni.</p> <p>In Fall 2023, the Michigan Conservation Stewards Program was delivered via a hybrid delivery model to 26 participants in the Oakland County cohort. Topics covered included the foundations of conservation (ecology, natural communities, society and conservation, and conservation heritage), aquatic ecosystem (lakes, streams and wetlands), and terrestrial ecosystems (grasslands and forestlands). Participants attended 8 in-person sessions and 1-2 in-person Saturday field sessions. Each student also completed a capstone (applied) project with a community partner. Classes began on September 13, 2023 and concluded on November 15, 2023. In 2025, another cohort of 30 participants completed the program which began on September 4 and concluded on November 13, 2025.</p>
Michigan Green Communities Challenge	<p>Oakland County was certified Gold from the Michigan Green Communities Challenge for FY 2024 and 2025. More information about the certification is available at: <a href="https://www.oakgov.com/Home/Components/News/News/1375/">https://www.oakgov.com/Home/Components/News/News/1375/</a></p>
MSU Extension Lawn and Garden Hotline	<p>The MSU Lawn and Garden Hotline, provided by MSU Extension, offers free, research-based advice to Michigan residents on gardening, pest control, and plant diseases. Call 1-888-678-3464 (888-678-3464) on Monday, Wednesday, and Friday from 9:00 a.m. to 12:00 noon, or submit questions online via the Ask Extension. In 2023, 347 calls were received and answered for Oakland County residents. In 2024, 268 calls were received and answered for Oakland County. In 2025, 276 calls were received and answered for Oakland County.</p>

**Action/Activity**

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<p>MSUE News articles and MSUE Oakland County Conservation Connections Monthly Newsletter</p>	<p>In FY2024-2025, educational articles were written on a variety of subjects related to management of water and natural resources, published by MSU Extension (<a href="https://www.canr.msu.edu/outreach/">https://www.canr.msu.edu/outreach/</a>). Topics include water quality, attracting wildlife to inland lake shorelines, stormwater solutions, conservation success story for Canada geese and septic system management. A list of articles is posted at: <a href="https://www.canr.msu.edu/people/bindu_bhakta">https://www.canr.msu.edu/people/bindu_bhakta</a> and <a href="https://www.canr.msu.edu/natural_resources/index">https://www.canr.msu.edu/natural_resources/index</a></p> <p>MSUE Oakland County also published a Conservation Connections monthly e-newsletter that was delivered monthly to 2,000 individuals who signed up to receive it. Contents focused on natural resource news articles, resources, training opportunities and volunteer opportunities. Due to changes in services provided by the County, no Conservation Connections were published in 2023. Newsletters were sent out periodically in 2024 and 2025.</p>
<p>MSU Extension Smart Gardening "Smart Shorelands" Tipsheet series</p>	<p>MSU Extension Educators, Paige Filice, Erick Elgin and Bindu Bhakta worked with MSUE Consumer Horticulture Educator Rebecca Finneran to develop a series of 5 tipsheets on earth-friendly, Smart Gardening practices targeting waterfront property owners who are engaged in lawn and garden activities that can have a negative or positive impact on lakes, streams and wetlands. The "Smart Gardening for Shorelands" tip sheets was revised in Fall 2023. Smart Gardening Extension Volunteers were also trained on these topics so they could talk to the public about these topics at outreach events held across the state. The tipsheet series can be found at: <a href="https://www.canr.msu.edu/home_gardening/tip_sheets/smart-shorelands">https://www.canr.msu.edu/home_gardening/tip_sheets/smart-shorelands</a>. Additional Smart Gardening tipsheets can be found at: <a href="https://www.canr.msu.edu/home_gardening/">https://www.canr.msu.edu/home_gardening/</a></p>
<p>Native Plant Initiative</p>	<p>In the summer of 2020, the Oakland County Board of Commissioners launched the Native Plant Initiative. The program is designed to educate residents about the ecological benefits of cultivating native plants. Native plants help prevent the spread of invasive species, which can crowd out other local species, contribute to erosion, promote the use of toxic pesticides and cause other problems for natural habitats.</p> <p>Events hosted in 2024 and spring of 2025 have helped distribute more than 1,200 bundles, each containing dozens of native plants, to residents from many cities, villages and townships across Oakland County. Participants signed an environmental stewardship pledge and received kits with native flora along with information on how to plant and care for these beneficial species in their own gardens. More information about the program is available at: <a href="https://www.oakgov.com/community/oakland-county-parks/get-involved/native-plant-information">https://www.oakgov.com/community/oakland-county-parks/get-involved/native-plant-information</a>.</p> <p>In addition, OCPRC staff hosted two Fall native plant events in partnership with the City of Novi and the City of Rochester Hills in FY 2024 and one in Novi in FY2025. The 5th annual Spring native plant event was hosted in partnership with MSU-Extension and the City of Ferndale from June 7-8, 2024. The 5th annual event was held in Waterford and Milford in FY 2025.</p> <p>Educational resources created by MSU Extension for these distributions included webinars on "Selection and Care of your native Plant Kits" and "Pollinator Gardens and Our Food Systems."</p> <p>In April 2025, an outreach video was produced by the Oakland County Board of Commissioner's sharing successes of the Native Plant Initiative and is available to view on YouTube at: <a href="https://www.youtube.com/watch?v=POtbt2PKyR0">https://www.youtube.com/watch?v=POtbt2PKyR0</a></p>
<p>Native Plant Use</p>	<p>OCPRC incorporates MI-genotype native seed and/ or plug material into all restoration projects, as well as in landscaping associated with developed park areas, as much as possible. Two (2) native planting projects took place in FY 2024. In FY 2025, 35 acres of native seeding and planting projects took place. Through Parks' community habitat improvement projects, more than 2,851 native plants were planted (live stakes, plugs, and trees).</p>
<p>Native Plant Seed Ball Activity</p>	<p>In FY 2024 and FY 2025, WRC staff attended seven (7) community events in Davisburg, Ferndale, Pontiac, Waterford and West Bloomfield to share the benefits of native plants with attendees and facilitated a make and take native plant seedball to take home to get their own native plant garden started or enhanced. A total of approx. 600 seedballs were distributed to community members.</p>
<p>Norton Street Innovation Project in Pontiac (Green Infrastructure Project)</p>	<p>The Norton Street Innovation Project is a green stormwater infrastructure project located in Pontiac (Clinton River Watershed) that broke ground in the summer of 2024. Construction was completed in the spring of 2025. The project is located on the Augusta Drain property owned by the Augusta Drain Drainage District and maintained by the Water Resources Commissioner's Office. Goals for the project include the installation of bioretention cells to beautify the space and temporarily capture stormwater runoff before it enters the Augusta Drain, plant native trees and wildflowers to absorb and filter stormwater, reduce pollutants from entering the Clinton River, and create a gathering space for the local community to enjoy. An interactive storymap is available to learn more about the project and discover more about the timeline, goals and history of the space: <a href="https://storymaps.arcgis.com/stories/829aafa6473f491e9f15ae638794736e">https://storymaps.arcgis.com/stories/829aafa6473f491e9f15ae638794736e</a>. The project was funded with a \$1.3 million grant from EGLE's Clean Water State Revolving Fund program with 100% loan forgiveness.</p>
<p>Oakland County Campus Sustainability Plan</p>	<p>The County has prepared a Sustainability Plan that addresses five focus areas: Sustainable Governance, Health &amp; Wellness, Facility and Fleet Decarbonization, High-Performance Buildings, and Open Space, Ecosystems and Connectivity. More information about Oakland county's Sustainability Plan and initiatives are available online at: <a href="https://www.oakgov.com/community/sustainability">https://www.oakgov.com/community/sustainability</a>. An interactive storymap of the County's sustainability plan is available at: <a href="https://storymaps.arcgis.com/stories/b4a34afb87714feda4ce2bafabad2a47/">https://storymaps.arcgis.com/stories/b4a34afb87714feda4ce2bafabad2a47/</a>.</p>
<p>Oakland County Earth Day Events</p>	<p>Oakland County hosted a website showing all Earth Day event activities throughout the County and is available at: <a href="https://oaklandcountyblog.com/things-to-do/oakland-county-earth-day-events/">https://oaklandcountyblog.com/things-to-do/oakland-county-earth-day-events/</a>.</p> <p>Oakland County hosted an Earth Day event in 2024 organized by the Office of Sustainability and Human Resources where participants were able to bring batteries and shoes for recycling. The Sheriff's office was also present to collect unused medications and dispose of them safely. Three raffle winners won rain barrels and two raffle winners won a month of home compost pick-up. This event was for all County employees and their families.</p> <p>In FY 2025, 433 Oakland County Employees and their families attended the Oakland County Earth Day Celebration on April 24, 2025 where the Office of Sustainability diverted 240 lbs. of batteries, 100 pairs of shoes, and over 180 lbs. of composted waste from the landfill.</p>

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Oakland County Freesale Event	In FY 2025, on 9/16/2025, Oakland County hosted this annual resource-sharing event that encourages County Employees to take gently used/never used office supplies items from other departments instead of purchasing them new. Items that were leftover were donated to Pontiac's Grace Centers of Hope for reuse, keeping them out of the landfill. This program is a joint effort between the Office of Sustainability, Facilities Management and Human Resources.
Oakland County Natural Areas	OCPLBD contracted with Michigan Natural Features Inventory to update and enhance our Countywide Natural Area coverage (last updated in 2004). This effort was completed in FY2018 and produced a countywide baseline document that summarizes existing biological survey work and supporting GIS data sets along with recommendations for future surveys and GIS analysis.  In FY 2019, Oakland County reached the goal and was recognized as a Certified Wildlife Habitat by the National Wildlife Federation
Oakland County Tree Planting Initiative on County Campus	In FY 2024, OCFM staff planted 500 trees and in FY 2025, OCFM staff planted nearly 700 trees on the County campus of which will remove an average of 48 pounds, or about 15 metric tons, of carbon dioxide from the atmosphere per year once mature. In addition, these trees will help to reduce stormwater runoff and help promote infiltration with their maturing root systems. To learn more about the effort, an article can be viewed at: <a href="https://www.oakgov.com/home/showpublisheddocument/24652/638641467424530000">https://www.oakgov.com/home/showpublisheddocument/24652/638641467424530000</a> . A dashboard is available to view the current status of tree planting data on the County's campus at: <a href="https://www.arcgis.com/apps/dashboards/7cc110af07b749d58b2505c9749fed99">https://www.arcgis.com/apps/dashboards/7cc110af07b749d58b2505c9749fed99</a>
Oakland SAVES Program	This program served more than 1,090 households with energy efficiency upgrades, resulting in a lifetime emissions reduction of 17,220 MTCO2e. More information is available at: <a href="https://www.oakgov.com/Home/Components/News/News/1526/2882">https://www.oakgov.com/Home/Components/News/News/1526/2882</a>
RainSmart Rebates Program	<p>In FY 2024, the WRC rolled out the implementation of a GSI rebate program for property owners in the GWK Drainage District. The program provides up to a \$2,000 rebate to property owners that install up to two (2) native trees, up to two (2) rain barrels and/or rain gardens on their properties. Details about the program are available at: <a href="http://www.oakgov.com/rainsmart">www.oakgov.com/rainsmart</a>.</p> <p>First-Year Achievements include:</p> <ul style="list-style-type: none"> <li>- 520 applications received; 477 were within the eligible GWK district. From the 477 applications, WRC and CRWC staff conducted 206 site assessments with homeowners.</li> <li>- \$60,000 in rebates were issued, with an average rebate of \$500 per participant.</li> <li>- \$16,000 awarded in grants.</li> <li>- 159 rain barrels were installed.</li> <li>- 98 native trees were planted.</li> <li>- 49 rain gardens were installed.</li> <li>- Projects installed will help collectively manage an estimated 606,000 gallons of stormwater annually.</li> <li>- Received a 2024 Achievement Award from the National Association of Counties.</li> </ul> <p>A press release promoting the success of the program was published on Oakland County's website on 1/13/2025 and available at: <a href="https://www.oakgov.com/Home/Components/News/News/1753/1589?fbclid=IwZXh0bqNhZW0BMQABHdh84YkDc68aarinlwRPJ7qfhA7tCMUcKhTCRPHySDEtBiy5xpHG1Uj-lw_aem_D9gkPeSbTRbEYqsMOt0zza">https://www.oakgov.com/Home/Components/News/News/1753/1589?fbclid=IwZXh0bqNhZW0BMQABHdh84YkDc68aarinlwRPJ7qfhA7tCMUcKhTCRPHySDEtBiy5xpHG1Uj-lw_aem_D9gkPeSbTRbEYqsMOt0zza</a></p> <p>In FY 2025, second-year achievements include:</p> <ul style="list-style-type: none"> <li>- 413 applications received within the eligible GWK district. From the 413 applications, WRC and CRWC staff conducted 276 site assessments with homeowners.</li> <li>- \$75,601.53 in rebates were issued, with an average rebate of \$504.01 per participant.</li> <li>- 220 rain barrels were installed.</li> <li>- 101 native trees were planted.</li> <li>- 56 rain gardens were installed.</li> <li>- Projects installed will help collectively manage an estimated 800,000 gallons of stormwater annually. That's a total of more than 1.4 million gallons of stormwater managed annually as a result of the program.</li> </ul> <p>An interactive map showing RainSmart Rebates completed projects is available at: <a href="https://arcg.is/1PGnrD1">https://arcg.is/1PGnrD1</a></p> <p>The FY2024 and FY2025 RainSmart Rebates Year End Summaries are included in <b>Appendix 2</b>.</p>

**Action/Activity**

**Oakland CDC MS4  
NPDES Permit No. MI0060089  
FY 2024 and 2025  
Measurables  
(October 1, 2023 - September 30, 2025)**

RiverSafe LakeSafe	<p>The RiverSafe LakeSafe program is an education campaign that encourages homeowners to incorporate best management practices for watershed health in and around their home and community.</p> <p>In FY 2024 there were a total of 5 new RiverSafe LakeSafe certifications and in FY 2025 an additional 15 certifications, leading to a total of 173 RiverSafe LakeSafe certified households.</p>
Soil Testing Services	<p>In 2023, 494 soil tests were processed for Oakland County (405 home lawn/garden and 89 farm/commercial). In 2024, 6,196 soil tests were processed in Michigan (4,377 home lawn/garden and 1,819 farm/commercial). Soil test numbers for 2025 were not available at the time of this reporting. The home lawn/garden kits include everything needed to return soil samples to the MSU lab for processing. Kits are available for purchase from the MSU Extension office in Pontiac. In return, the customer receives their fertilizer recommendation generated automatically by the MSU Home Soil Test web site (<a href="https://homesoiltest.msu.edu/">https://homesoiltest.msu.edu/</a>). Kits were also sold through Shop MSU (<a href="http://shop.msu.edu/product_p/bulletin-e3154.htm">http://shop.msu.edu/product_p/bulletin-e3154.htm</a>). At the end of 2022, the MSU Soil Lab closed and processing was continued on at a private lab (A&amp;L Great Lakes).</p>
Solarize Oakland County	<p>Solarize Oakland County is a series of solar education events co-hosted by Oakland County's Office of Sustainability and the renewable energy non-profit GLREA. Each event teaches attendees about solar basics, costs, benefits, and savings. Attendees qualify for a bulk-buy discount and are connected to available federal tax credits. Information is available online at: <a href="https://www.oakgov.com/community/sustainability/energy/solarize">https://www.oakgov.com/community/sustainability/energy/solarize</a></p> <p>In FY 2025, the program was presented at the Community Conversations Sustainability event on 12/3/2024.</p>
SolSmart	<p>SolSmart is a technical assistance and certification program that helps local governments promote solar adoption. Oakland County was awarded SolSmart Bronze in 2025. As part of our certification, we hosted a training for local planning departments and creating a website of solar resources for residents and local municipalities.</p>
Stream Leaders Student River Monitoring Program (CRWC)	<p>In FY 2024, CRWC engaged 1,540 students, 36 teachers and mentors, and 16 schools through the Stream Leaders student water quality monitoring program.</p> <p>In FY 2025, CRWC engaged 2,444 students across 18 schools and 18 locations. 3 new schools were added to the program this year.</p>
Stormwater Education: CRWC Community presentations and workshops	<p>In FY 2024, CRWC hosted a total of 27 stormwater education presentations and reached approximately 479 people within the Clinton River Watershed.</p> <p>In FY 2025, 25 stormwater education presentations were held virtually, or in person, with 450 attendees. See Appendix H of <b>Appendix 20</b> for a complete list of dates, locations, topics, as well as promotional materials, and sign-in sheets for stormwater presentations for FY 2024 &amp; 2025</p>
Stormwater Management Forums	<p>In FY 2024, CRWC hosted four (4) Stormwater Management Forums targeted at municipal staff, elected officials, City Council members, engineers, consultants, planners, and EGLE staff. There were a total of 100 attendees and the meetings were hosted at Clinton Macomb Public Library North Branch on 11/30/23, virtually on 1/16/2024, virtually on 4/18/24, and virtually on 07/18/24.</p> <p>In FY 2025, CRWC hosted four (4) Stormwater Management Forums targeted at municipal staff, elected officials, City Council members, engineers, consultants, planners, and EGLE staff. There were a total of 77 attendees across 4 forums on 7/17/2025, 9/18/2025, 11/20/2025, and 2/19/2026. See Appendix F of <b>Appendix 20</b> for Stormwater Management Forum dates, locations, topics, and sign-in/attendance sheets for FY 2024 &amp; 2025</p>
Stormwater Utility Management Legislation	<p>Stormwater utilities can help provide local governments with a dedicated and sustainable funding source to manage stormwater systems and meet regulatory requirements. While there are an estimated 3,000 stormwater utilities nationwide, Michigan has only a small number due to legal uncertainty arising from the 1998 Bolt v. City of Lansing decision and concerns that stormwater fees could be treated as impermissible taxes under the Headlee Amendment.</p> <p>Since 2014, the Water Resources Commissioner (WRC) has supported a stakeholder workgroup to develop legislation that clarifies statutory authority for user-fee funded stormwater utilities. In November 2023, the Stormwater Management Utility Act was introduced as Senate Bill 660, proposing a clear framework for adopting stormwater management plans and utility fee ordinances.</p> <p>During the 2023–2024 session, SB 660 advanced out of committee but did not reach final passage. In the current 2025–2026 legislative session, this effort has been reintroduced as Senate Bill 441 (Stormwater Management Utility Act). SB 441 would provide a statutory framework for local governments to create stormwater management utilities, adopt stormwater management plans, and establish and collect stormwater utility fees designed to recover the full cost of services. SB 441 was introduced by Senator Rosemary Bayer in June 2025 and was referred to the Senate Committee on Local Government.</p> <p>The WRC continues to support enactment of SB 441 as a mechanism to help communities address aging infrastructure, increased stormwater risks, and regulatory obligations with a dedicated funding source. In parallel, recent favorable judicial rulings in cases from Detroit and Ann Arbor have upheld municipal stormwater fees as lawful user charges, helping to reduce legal barriers and build confidence in the fee-based utility approach.</p>

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Tree Plantings on County Campus	<p>In FY 2023, Oakland County's landscaping services dept. received a \$15,000 grant from the Michigan Department of Natural Resources for its 2023 tree planting program. The funds allowed FMO to purchase 30 additional 6'- 8' trees for an existing spring planting project on the campus rights-of-way. The grant funding will increase the number of trees for the planting project to around 200. This season's tree planting is part of the County's bigger goal to plant 2,027 trees by 2027. Since 2023, an additional 1,326 trees have been planted. Only 701 more trees are needed to meet the goal of 2,027 trees by 2027.</p> <p>A "Tree Dashboard" that shows the location, genus, species and family of each tree can be found at: <a href="https://oakgov.maps.arcgis.com/apps/dashboards/7cc110af07b749d58b2505c9749fed99">https://oakgov.maps.arcgis.com/apps/dashboards/7cc110af07b749d58b2505c9749fed99</a></p> <p>Expanding the tree canopy is a critical strategy to achieve the County's goals of environmental sustainability, livable neighborhoods, and healthy residents through the sequestration of greenhouse gas emissions, reductions in air pollution, reduction of the urban heat island effect, and mitigation of stormwater issues.</p>
"Water by the Quarter" Online Program	<p>"Water by the Quarter" is an online platform whereby Water Resources Commissioner Jim Nash interviews a variety of environmental resource professionals on various topics. The programs are produced by CMNtv. All episodes can be viewed here: <a href="https://www.youtube.com/playlist?list=PL9YdrTm187odc5sh8VQ1GCNhtiY22YM0k">https://www.youtube.com/playlist?list=PL9YdrTm187odc5sh8VQ1GCNhtiY22YM0k</a>. A total of four (4) programs took place and a summary of guests, topics and links to playlists for FY 2024 and 2025 are included in <b>Appendix 4</b>. There were a total of <b>219</b> views for the FY 2024 and 2025 programs.</p>
WaterTowns	<p>FY 2024 was the 12th year of the WaterTowns (WT) initiative with no new communities officially committed at this time, although two additional communities are considering signing on. The WT program now has a total of 32 communities. Ekstein Skate Park is currently undergoing construction, which will include GSI installations to manage stormwater runoff.</p> <p>FY 2025 was the 13th year of the WaterTowns® (WT) initiative, with the City of Birmingham joining the program. The City of Eastpointe received funding to implement another WaterTowns project on 9 Mile, and will begin implementation in 2026. During this time, the Cities of Ferndale and Pleasant Ridge are awaiting funding decisions to each implement WaterTowns projects in 2026. At this time, plans for the City of Mt. Clemens are hopeful for implementation in the near future, as well.</p>
WRC Job Shadow Initiative	<p>In FY 2024, WRC hosted job shadows for eight (8) participants and in FY 2025, hosted 17. Each shadow was customized to meet the interests of the participants relating to careers in water recovery, communications, engineering, chemistry and sustainability work within the water industry. Each shadow lasted four to six hours and included a tour of either our George W. Kuhn Retention Treatment Basin or our Clinton River Water Resource Recovery Facility. Participants were taught about our operations, the water recovery process and saw treatment in action. In addition to the tour, we facilitated round table sessions with industry experts and completed tasks like sampling, lab testing, and site design with BMPs. After the shadow we follow up by sharing additional resources, volunteer opportunities and open positions within the industry as applicable. Other topics include sewer system operations (FOG) and the shared responsibility of clean water.</p>
WRC Facebook Posts	<p>The WRC engages with the public via Facebook throughout the year on a variety of natural resource-related topics including green infrastructure, pollution prevention, invasive species, and more. A summary of the reach of the WRC's Facebook social media campaign for FY 2024 is provided in <b>Appendix 28</b>. WRC marketing staff posted a total of 588 posts in FY 2024 and a total of 155,431 post impressions were made. In FY 2025, there were 278 posts and a total of 179,696 impressions made.</p>
WRC 5-Year Strategic Sustainability Plan	<p>In 2023, Oakland County published a Sustainability Plan for county sites and operations with a goal to reduce operational greenhouse gas emissions by 50% by 2035 and reach net-zero greenhouse gas emissions by 2050. In response to Oakland County's goals, WRC formed the Sustainability Work Group to establish a plan that will help align WRC with the County's overall goals for sustainability. The work group is comprised of over 20 WRC employees across 13 different units. Each work group member was tasked with creating sustainability actions for their respective unit to implement over the next 5 years. Each action included a Focus Area that directly ties to Oakland County's Sustainability plan, the objective, key performance indicators (KPIs), and a timeline benchmark for implementation. All 29 actions were combined to create WRC's Five-Year Sustainability Action Plan. Year 1 of implementation began at the start of fiscal year 2025 in October. At the end of fiscal year 2025, each unit provided an update on their action implementation and reported their KPIs for the year. The work group will continue to expand their sustainability efforts and aim to update the plan at the end of the 5-year timeline.</p>