

**Collaborative Public Education Plan  
Biennial Report for:**

**Clinton River Watershed, Anchor Bay Watershed  
and Lake St. Clair Direct Drainage**

**Reporting Period:**

**FY 2020: October 1, 2019 – September 30, 2020**

**FY 2021: October 1, 2020 – March 31, 2022**

**Submitted: March 25<sup>th</sup>, 2022**

**Submitted by the Clinton River Watershed Council on behalf of Macomb County,  
Oakland County and the MS4 permit holders that participate in the  
Clinton River Watershed Council's Stormwater Education Program**



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## I. INTRODUCTION

This information is part of the watershed-wide Public Education Plan (PEP) developed to inform the public within the Clinton River watershed, Anchor Bay watershed and Lake St. Clair Direct Drainage about their role in protecting water quality and preventing stormwater pollution. The PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) permit administered by the Michigan Department of Environment, Great Lakes, and Energy. The permit regulates stormwater discharges from municipal separate storm sewer systems (MS4), in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41. The goal of the MS4 program is to reduce the discharge of pollutants to surface waters of the State. This plan was created by the municipalities and other partners in the Clinton River watershed with the input of stakeholders, regulatory agencies, and professionals in the environmental education field. This plan outlines the public education goals and messages that must be communicated under the requirements of the NPDES Phase I and Phase II regulations.

## II. PARTNERS

This Biennial Report details the educational activities and programs carried out for FY 2020 and FY 2021 in fulfillment of the watershed wide collaborative PEP and is submitted by the Clinton River Watershed Council (CRWC) on behalf of Macomb County, Oakland County and the MS4 permit holders that participate in the Stormwater Education Program facilitated by CRWC. MS4 permittees generally include the following municipal entities: cities, townships, villages, county agencies, universities, and school districts. Activities facilitated by the CRWC, Macomb and Oakland Counties, and the MSU Extension Office are reported on behalf of the following permit holders and their nested MS4's:

Avondale School District	City of Harper Woods	City of Warren
Charter Township of Chesterfield	City of Hazel Park	Independence Township
Charter Township of Clinton	City of Madison Heights	Macomb Intermediate School District
Charter Township of Harrison	City of Mount Clemens	Macomb Township
Charter Township Orion	City of New Baltimore	Macomb County
Charter Township of Oxford	City of Orchard Lake Village	Oakland County
Charter Township of Shelby	City of Pontiac	Oakland University
Charter Township of Washington	City of Rochester	Oxford Area Community Schools
City of Center Line	City of Rochester Hills	Rochester Community Schools
City of Keego Harbor	City of Roseville	Village of Lake Orion
City of Eastpointe	City of St. Clair Shores	Village of New Haven
City of Fraser	City of Sterling Heights	Village of Oxford
City of Grosse Pointe	City of Sylvan Lake	Village of Romeo
City of Grosse Pointe Farms	City of the Village of Clarkston	
City of Grosse Pointe Park	City of Troy	
City of Grosse Pointe Shores	City of Utica	

### III. WATERSHED WIDE ACTIVITIES

#### Michigan Green Schools Program

##### *Oakland County*

**FY 2020:** For the 2019-2020 school year, 121 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. Twenty-two (22) of the schools received the special designation of Emerald Schools by successfully participating in 15-19 activities and 82 schools participated in 20 or more activities to earn the special designation of Evergreen status. An awards ceremony was unable to be held to honor the schools due to the COVID-19 pandemic. Twenty-one (21) of the 28 public school districts had schools represented. In addition, 10 of the schools were recognized for participation for all 13 years of the program, 19 schools have participated for 10 years, and 7 schools have participated for five (5) years. One new school joined the program this year.

**FY 2021:** For the 2020-2021 school year, 77 schools were designated a Michigan Green School. There were 15 schools that also received the special designation of Emerald status by successfully earning an additional 15 points for extra activities and 39 schools earned the Evergreen status, by receiving an extra 20 points. Seventeen (17) of the 28 public school districts were represented in the program this year. Eight (8) schools have participated for all 14 years of the program, 5 schools were recognized for participating for the last 10 years, and 1 school was recognized for participating the past five years. There were three (3) new schools that joined the program. Twelve (12) schools were awarded the "Green Education Award" which was offered for schools that wanted to participate in an environmental activity but could not meet all of the Green Schools requirements due to COVID-19.

*Information on the program for Oakland County is available on Oakland Schools' Web site at: <https://www.oakland.k12.mi.us/school-districts/services/environmental>*

##### *Macomb County*

**FY 2020:** 114 Macomb County schools earned Official Michigan Green School status for the 2019-2020 academic year.

**FY 2021:** 47 schools were able to take part this year. Less schools participated due to covid concerns.

#### River Day

**FY 2020:** 8 recreation and stewardship events were promoted and publicized with approximately 135 attendees watershed-wide, and 146 T-shirts distributed to the public. Due to the COVID-19 pandemic fewer events were held in observance of public health and safety.

**FY 2021:** 21 recreation and stewardship events were promoted and publicized with approximately 1,099 attendees watershed-wide, and 394 T-shirts distributed to the public.

*See Appendix E for a complete list of River Day activities and event locations for FY 2020 & 2021.*

## **Clinton Cleanup**

**FY 2020:** 17 volunteer trash cleanups, 208 volunteers and approximately 4,700 pounds of trash were collected.

**FY 2021:** 14 volunteer trash cleanups, 236 volunteers and approximately 2,900 pounds of trash were collected. There was also a native planting for bank stabilization as part of the Clinton River restoration project at Yates Cider Mill. 30 volunteers planted 1200 native plants along the river bank.

*See Appendix E for a complete list of Clinton Clean Up activities and event locations for FY 2020 & 2021.*

## **Keeping It Clean – Weekly Clean and Trash Runs**

The Keeping It Clean volunteer stewardship program includes Weekly Clean, paddling Trash Run cleanups, and other scheduled cleanups that fell outside of the Weekly Clean schedule.

**FY 2020:** 42 cleanups, 281 volunteers and approximately 6,300 pounds of trash was collected from the Clinton River, its tributaries and surrounding park areas. Of the 42 scheduled cleanups, 14 were cancelled due to COVID-19 health and safety measures, or inclement weather.

Volunteer numbers were low due to COVID-19 concerns. GM and Stellantis encourage their employees to volunteer with CRWC for cleanups, however they did not allow employees to participate in in-person events in most of 2020 and part of 2021.

**FY 2021:** 52 cleanups, 806 volunteer hours and approximately 18,686 pounds of trash collected from the Clinton River, its tributaries and surrounding park areas. Of the 52 scheduled cleanups, 2 were cancelled due to inclement weather.

*See Appendix G for a complete list of cleanup dates, locations, and sign-in sheets for FY 2020 & 2021*

## **Water Festivals**

*Clinton River Water Festival at Oakland University*

**FY 2020:** Due to the COVID-19 pandemic, the 2020 Clinton River Water Festival was cancelled.

**FY 2021:** Due to the COVID-19 pandemic, the 2021 Clinton River Water Festival was cancelled.

*Lake St. Clair Water Festival at Macomb Community College*

**FY 2020:** The in-person event was cancelled to Covid lockdown restrictions but presentations were handed out to 53 teachers for their classes averaging 30 students per class

**FY 2021:** Virtual presentation viewed live by 1,470 students

## **Stormwater Management Forums**

**FY 2020:** CRWC scheduled 4 Stormwater Management Forums with a total of 46 attendees. Two of the forums were cancelled due to the COVID-19 pandemic. One of the forums took place in person in Macomb County and the other was held virtually.

**FY 2021:** CRWC hosted 6 Stormwater Management Forums with a total of 220 attendees. All forums were held virtually due to COVID-19 concerns. Due to EGLE's updated reporting period, two more forums than required were held in FY 2021.

*See Appendix F for Stormwater Management Forum agendas and sign-in sheets for FY 2020 & 2021*

### **Community Presentations and Workshops**

**FY 2020:** 20 stormwater education presentations were held virtually, or in person, with 830 attendees.

**FY 2021:** 35 stormwater education presentations were held virtually, or in person, with 491 attendees.

*See Appendix H for a complete list of dates, location, and sign-in sheets for stormwater presentations for FY 2020 & 2021*

### **Adopt-A-Stream (AAS) Training Workshops**

**FY 2020:** 8 AAS volunteer trainings, 1 Stonefly Search volunteer training, 3 bug ID workshops, 53 attendees. Of the 8 trainings and 3 bug ID workshops, 5 were cancelled due to COVID-19 precautions.

**FY 2021:** 8 AAS volunteer trainings, 2 Stonefly Search volunteer trainings, 2 bug ID workshops, 137 attendees.

*See Appendix H for a complete list of dates, location, and sign-in sheets for AAS trainings for FY 2020 & 2021*

### **Adopt-A-Stream Water Quality Monitoring Program**

**FY 2020:** Spring monitoring was cancelled in 2020 due to the COVID-19 pandemic and following best practices. Fall AAS monitoring included 200 participating volunteers and 39 stream sites monitored. 50 volunteers monitored 12 sites for the Winter Stonefly Search in January 2020.

**FY 2021:** Spring and Fall AAS monitoring included 400 participating volunteers and 41 stream sites monitored. 75 volunteers monitored 15 sites for the Winter Stonefly Search in January 2021. 60 volunteers monitored 13 sites for the Winter Stonefly Search in January 2022.

*See Appendix H for AAS and Stonefly training and event flyers.*

### **Subwatershed Website**

**FY 2020:** Maintain web pages, update information, and verify participating community's links to this website. <https://www.crowc.org/about/our-watershed/the-clinton-river-watershed>

**FY 2021:** Maintain web pages, update information, and verify participating community's links to this website. <https://www.crowc.org/about/our-watershed/the-clinton-river-watershed>

### **Stream Leaders Student River Monitoring Program and Student Congress**

Students and mentors collect macroinvertebrates, test water chemistry, and observe stream morphology at their stream site to determine water quality. A table of monitoring dates, times, and locations is available from the CRWC upon request. Numbers for participation in the program have been slowly recovering since the COVID-19 pandemic. Since 2021 CRWC has

made the program available in multiple ways to meet the needs of schools and bring the program to a more diverse audience. Live virtual opportunities along with public events have been implemented for this purpose.

**FY 2020:** In the fall of 2019, 822 students, and 8 schools participated in the Stream Leaders Program. There were 2 schools that cancelled, and some that did not schedule due to the threat of the mosquito transmitted virus, Eastern Equine Encephalitis. In the spring of 2020, all Stream Leaders activities were cancelled due to the COVID-19 pandemic. In an effort to provide a virtual learning opportunity for students, CRWC created videos available on the CRWC website, along with interactive learning modules, found here:

<https://www.crwc.org/programs/volunteer/stream-leaders>. This opportunity was sent out through an email to all Stream Leaders teachers.

**FY 2021:** In the fall of 2020 there were no Stream Leaders events due to the COVID-19 pandemic and protocol being followed by schools. In the spring and fall of 2021 and winter of 2022, 783 students from 17 schools participated in the program and Stream Leaders public events.

### **RiverSafe LakeSafe**

The RiverSafe LakeSafe (RSLs) program is a public education campaign that aims to educate and recognize watershed residents who incorporate best management practices at home to keep our freshwater resources clean and healthy. An annual program report and map of certifications is available from the CRWC upon request.

**FY 2020:** 3 new certifications, leading to a total of 108 RSLs certifications since the program's inception in 2016. 2020 was a difficult year for people due to the COVID-19 pandemic and interest in the Riversafe LakeSafe program was low. However, in 2021 the program picked back up and met the required certifications per year.

**FY 2021:** 11 new certifications, leading to a total of 119 RSLs certifications since the program's inception in 2016.

### **Earth Friendly Fertilizer Program**

CRWC distributes fluorescent green "Earth-Friendly Fertilizer" stickers to all participating ACE Hardware Stores to label fertilizers that are zero phosphorous and low or slow-release nitrogen.

**FY 2020:** 450 stickers distributed to 8 ACE Hardware stores within the watershed.

**FY 2021:** 350 stickers distributed to 11 ACE Hardware stores within the watershed.

### **WaterTowns**

**FY 2020:** 8th year of the WaterTowns™ (WT) initiative with a total of 24 communities committed resolutions to participating in the program. Four WT were established in 2020; Berkley, Ferndale, Center Line and Royal Oak.

**FY 2021:** 9th year of the WaterTowns® (WT) initiative with four new communities joining the program; Clinton Township, Independence Township, Madison Heights and Rochester Hills. The WT program now has a total of 28 communities dedicated to enhancing water resources through education, engagement, and green stormwater infrastructure implementation.

### **Stormwater Education for Industrial and Commercial Facilities**

**FY 2020:** Development and distribution of Best Management Practices flyers targeting 1) Auto Maintenance Industries 2) Car Washes 3) Landscaping and 4) Schools. In FY 2020, 44 school districts were mailed a cover letter and a copy of the BMP flyer for schools. A copy of the mailing list is available upon request. Other BMP flyers were distributed digitally via the Stormwater Monday email and as hard copies with the stormwater display. Macomb County mailed BMPs to restaurants and landscape companies. Chamber of Commerce events were not attended in FY2020 due to the COVID-19 pandemic.

**FY 2021:** Development and distribution of Best Management Practices flyers targeting 1) Composting Facilities 2) Homeowners Associations 3) Machine Shops and 4) Scrap Recycling and Auto Salvage Yards. BMP flyers were distributed digitally via Stormwater Monday email and as hard copies when communities host the stormwater display. Macomb County mailed BMPs to restaurants and carpet cleaning companies. In FY 2021 CRWC was awarded an EGLE NPS grant for the translation of 30 BMP and stormwater education flyers. This includes formatting for accessibility, translation into Spanish and Arabic and distribution of materials to communities that CRWC serves within the Clinton River watershed, Lake St. Clair direct drainage and Anchor Bay watershed. Distribution will begin in 2022. Chamber of Commerce events were not attended in FY 2021 due to the COVID-19 pandemic.

*See Appendix D for copies of the BMP fact sheets.*

### **Social Media Outreach**

**FY 2020:** Tracking data available for Facebook: 2,937 Likes; 416 Comments; 779 Shares. Tracking available for Instagram: 416 Likes.

**FY 2021:** Tracking data available for Facebook: 2279 Likes; 170 Comments; 446 Shares. Tracking available for Instagram: 1084 Likes.

## **IV. MACOMB COUNTY SPECIFIC ACTIVITIES**

### **Public Works Presentations**

**FY 2020:** MCPWO gave 20 presentations.

**FY 2021:** MCPWO gave 30 presentations.

### **Clean Boating**

**FY 2020:** MCPWO handed out 100 flyers to the Anchor Bay Yacht Club.

**FY 2021:** MCPWO mailed the local marinas.

### **MSU Extension Understanding Groundwater**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension Water Conservation Program**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension Master Gardener Program**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension Master Composter Program**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension Sea Grant Summer Discovery Cruises**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension 4-H Environmental and Outdoor Education**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**MSU Extension Public Education Classes**

**FY 2020:** awaiting information from the Lansing Office.

**FY 2021:** awaiting information from the Lansing Office.

**Facility Tours**

**FY 2020:** MCPWO conducted a tour of Sterling Relief project.

**FY 2021:** MCPWO conducted tours of Chapaton pump station and the Spillway habitat projects.

**Household Hazardous Waste Collection**

**FY 2020:** The collection was suspended in April 2020 to June of 2021 due to COVID-19 issues.

**FY 2021:** The program collected 187,612 pounds during this reporting period.

**Medication Disposal**

**FY 2020:** This program was suspended at the Health Dept. offices due to COVID-19 restrictions but continued with the partner pharmacies.

**FY 2021:** This program was suspended at the Health Dept. office due to COVID-19 restrictions but continued with the partner pharmacies.

**The Blue Economy Initiative**

**FY 2020:** The annual event was cancelled due to COVID-19.

**FY 2021:** Macomb County Planning hosted a Sprint and Splash event in 2021.

**Lake St. Clair Initiative Circle the Lake Tour**

**FY 2020:** The map was added to a website: [TourLakeStClair.com](http://TourLakeStClair.com)

**FY 2021:** Over 1,200 visitors to the digital map available on the website: TourLakeStClair.com

### **Clinton River Blue Way Water Trail**

**FY 2020:** over 1,500 view a year on the following two sites:

<https://living.macombgov.org/living-onthewater-clintonriver>

<https://living.macombgov.org/living-onthewater-lakestclair>

**FY 2021:** over 1,500 view a year on the following two sites:

<https://living.macombgov.org/living-onthewater-clintonriver>

<https://living.macombgov.org/living-onthewater-lakestclair>

### **Phragmites Invasive Removal**

**FY 2020:** MCPWO attended 4 CISMA meetings.

**FY 2021:** MCPWO staff attended 5 CISMA meetings.

### **Spill Awareness**

**FY 2020:** staff attended the spill response meeting.

**FY 2021:** staff attended the spill response meeting.

### **Bulletin Boards and Displays**

**FY 2020:** Billboards were updated once due to covid building closures.

**FY 2021:** MCPWO was able to update the billboards after the first quarter when the buildings reopened.

### **Macomb County Social Media Sites**

**FY 2020:** over 30,000 reached per month on the following sites: Website:

<https://publicworks.macombgov.org/Publicworks-Home>

Facebook: [https://www.facebook.com/MacombPublicWorksCandiceMiller/?epa=SEARCH\\_BOX](https://www.facebook.com/MacombPublicWorksCandiceMiller/?epa=SEARCH_BOX)

Twitter: [https://twitter.com/millermcpw?lang=en?](https://twitter.com/millermcpw?lang=en) Instagram:

[https://www.instagram.com/macomb\\_public\\_works/](https://www.instagram.com/macomb_public_works/)

**FY 2021:** over 30,000 reached per month on the following sites: Website:

<https://publicworks.macombgov.org/Publicworks-Home>

Facebook: [https://www.facebook.com/MacombPublicWorksCandiceMiller/?epa=SEARCH\\_BOX](https://www.facebook.com/MacombPublicWorksCandiceMiller/?epa=SEARCH_BOX)

Twitter: [https://twitter.com/millermcpw?lang=en?](https://twitter.com/millermcpw?lang=en)

Instagram: [https://www.instagram.com/macomb\\_public\\_works/](https://www.instagram.com/macomb_public_works/)

### **Publications**

**FY 2020:** Distributed over 500 stormwater educational coloring books and reports.

**FY 2021:** Distributed over 600 annual reports, educational coloring books, and educational stormwater pamphlets.

### **Riparian Information**

**FY 2020:** 19 educational letters with educational material were sent out.

**FY 2021:** 392 educational letters were sent out.

### **Board of Commissioners Earth Day Contest**

**FY 2020:** Over 200 students entered the contest. There 3 winners. (MCPWO ran this event).

**FY 2021:** There were 192 entries and 4 winners/ (MCPWO ran this event).

### **Green Macomb**

**FY 2020:** Tree plantings were held in Fraser, Center Line, Sterling Heights and Clinton Township. Over 250 trees were planted.

**FY 2021:** There were planting events held in Armada and Clinton Township. 75 trees were planted.

### **HEART Freshwater Center**

**FY 2020:** The Macomb County Dept of Health worked with the HEART lab on testing more than two times in this reporting period.

**FY 2021:** The Macomb County Dept of Health worked with the HEART lab on testing more than two times in this reporting period.

## **V. OAKLAND COUNTY SPECIFIC ACTIVITIES**

### **Regional Stormwater Summit**

**FY 2020:** For FY 2020, the 7th Annual Stormwater Summit was held on October 3, 2019 with approximately 250 attendees.

The agenda that identifies the featured speakers and topics presented and all PowerPoints and taped video of the event are available at: <http://pureoaklandwater.org/resources>.

**FY 2021:** Due to the COVID-19 pandemic, the event did not take place in FY 2021.

### **Bulletin Boards**

**FY 2020/2021:** Throughout FY 2020/2021, 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.

### **Dirt Doctors Program**

**FY 2020/2021:** Approximately 640 students and adults in 9+ different presentations at 3 different events were reached in FY 2020. The Dirt Doctors attended events in Detroit, Pontiac, and West Bloomfield. Due to the COVID-19 pandemic, 14 scheduled in-person Dirt Doctor events had to be cancelled. As a means to provide the Dirt Doctors educational experience to the public, a pre-recorded Dirt Doctors program was put together in September 2020 and as of September 30, 2021, it has been viewed 136 times. The pre-recorded program is available

online at: <https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&v=aOOQjrSD8vg&feature=youtu.be>

There were no pre-/post-surveys for the program disseminated in FY 2020 or 2021.

### **Drain Detectives Program**

**FY 2020/2021:** There were no Drain Detectives programs requested in FY 2020 or 2021.

### **Enviroscape Watershed Model Program**

**FY 2020:** Approximately 455 students, adults and chaperones in 12 different presentations at three (3) different events were reached in FY 2020. WRC staff presented the Enviroscape watershed model at events in Detroit, Pontiac and White Lake Twp. There were no pre- or post-evaluations administered in FY 2020.

**FY 2021:** In FY 2021, due to the COVID-19 pandemic, in-person events were impacted and two (2) scheduled presentations had to be cancelled as well as several water festivals. 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:

[https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-](https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&v=ipllqxs1Zvc&feature=youtu.be)

[74HawzUbgXk61&v=ipllqxs1Zvc&feature=youtu.be](https://www.youtube.com/watch?list=PLxN0wQGF96CL-c9anor-74HawzUbgXk61&v=ipllqxs1Zvc&feature=youtu.be). As of September 30, 2021, the video has been viewed 351 times. The manufacturer of the Enviroscape watershed model also featured the video in one of its promotional emails as well as on its "Favorites" section of their YouTube channel: [https://www.youtube.com/playlist?list=FL-BzXDjs1BczJNmNMUx\\_jw](https://www.youtube.com/playlist?list=FL-BzXDjs1BczJNmNMUx_jw).

### **E-newsletter Articles**

**FY 2020/ FY 2021:** The WRC's E-Newsletter reaches approximately 2,000 individuals via e-mail and includes the following groups:

- State Representatives
- State Senators
- SWAGs
- County Commissioners
- City Council members including Mayors (that we have emails for)
- Township & Village Trustees/Council (that we have emails for)
- Township Supervisors
- Township Clerks
- Township & City Treasurers
- WRC Staff
- Media contacts (small list)
- 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)

In FY 2020/2021, four (4) "In the Flow" Employee Newsletters were distributed to approximately 318 WRC staff and available upon request

-Throughout FY 2020/2021, the WRC quarterly E-newsletter has advertised the Oakland County 24-Hour Pollution Hotline. Digital copies of the E-newsletters are available upon request.

### **Household Hazardous Waste Information**

**FY 2020:** In FY 2020, the Oakland County Waste Resource Management Division sponsored two (2) household hazardous waste disposal days: October 12, 2019 and September 26, 2020 at the Oakland County Service Center in Pontiac. A total of 2,170 residents participated in these events and a total of 315,384 pounds of household hazardous waste was collected. Due to COVID-19, two (2) other events originally scheduled during the year were cancelled.

**FY 2021:** In FY 2021, the Oakland County Waste Resource Management Division sponsored five household hazardous waste disposal days: October 10, 2020, June 26, 2021 and September 25, 2021 at the Oakland County Service Center in Pontiac, April 24, 2021 at Oxford Middle School in Oxford and July 24, 2021 at Kensington Church in Orion Township. A total of 821,099 pounds of household hazardous waste was collected during the five collection events. Since the program began in 2003, residents of more than 61,000 households have disposed of more than 8 million pounds of hazardous materials which have been recycled or disposed of properly. Information on household hazardous waste disposal in Oakland County is available online at: [www.nohaz.com](http://www.nohaz.com). There were 27,635 website hits in FY2020 and 42,219 website hits in FY2021 to the County's Household Hazardous Waste Recycling Information. 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.

### **Kid's Clean Water Calendar Contest**

**FY 2020:** A total of 715, 4th and 5th graders across Oakland County participated in the 2020 Kids' Clean Water Calendar Contest. A total of 5,500 calendars were distributed across Oakland County. Drawings were submitted from classes representing 18 schools (30 classes). There were also six (6) separate entries from individual residents. An article promoting the 2020 calendar contest was published via the online Oakland County Times on 9/21/2019 (<http://oaklandcounty115.com/2019/09/21/kids-can-enter-art-contest-for-environmental-calendar-deadline-oct-4/>), as well as in the Oakland Press on 9/26/2019, "Fourth and Fifth Graders Invited to Enter Calendar Contest". In FY2020, there were a total of 1,338 hits to the Calendar Contest website.

**FY 2021:** A total of 181 4th and 5th graders across Oakland County participated in the 2021 Kids' Clean Water Calendar Contest. Due to the COVID-19 pandemic and most students learning virtually, the format for submitting entries for the 2021 calendar was changed to an online format. We only received about 20% of the typical participation rate due to the format change. The change did present new opportunities though. We saw a greater diversity of schools represented and we were also able to gain insight into what the students learned by competing in the contest and that information is provided in Appendix 1.

-A total of 5,500 calendars were distributed across Oakland County. A second round of distribution took place in February and March 2021 due to demand across the country from an online website promoting free materials. An additional 2,000 calendars were printed and distributed for a total of 7,500 calendars distributed.

-Drawings were submitted from students representing 25 schools.

-A new website for the contest is available at oakgov.com/calendarcontest. An online gallery of the 2021 contest winners was also added and is available at:

<https://www.oakgov.com/water/resources/education/calendar-contest/Pages/2021.aspx>

-In FY2021, there were a total of 791 hits to the Calendar Contest website.

'2021 Calendar Press:

- An article promoting the purpose of the contest, the 2021 winners and availability of the free 2021 calendar was published in the Oakland County times on January 24, 2021:

<http://oaklandcounty115.com/2021/01/24/students-environmental-art-featured-on-water-resource-calendars/>.

An article was published on January 26, 2021 in the Oakland Press and is available at: [https://www.theoaklandpress.com/news/local/troy-fourth-grader-wins-annual-kids-clean-water-calendar-contest/article\\_d9fe9580-6000-11eb-b08b-7763d298559f.html](https://www.theoaklandpress.com/news/local/troy-fourth-grader-wins-annual-kids-clean-water-calendar-contest/article_d9fe9580-6000-11eb-b08b-7763d298559f.html)

An article was published on February 10, 2021 in the Troy Times and is available at:

<https://www.candgnews.com/news/troy-student-wins-water-resources-commission-calendar-contest-119873>.

The calendar contest winners from the Troy School District's Barnard Elementary were also featured in a Troy School District Board Meeting in March 2021. The students were honored at the meeting and were given an opportunity to share what they learned from participating in the contest. The video is accessible at

<http://vimeo.com/troyschools> and then clicking the link to "Troy Board of Education Meeting

3/16/2021". The calendar contest was featured in the Troy School District's Online Newspaper on Page 5 at:

<https://resources.finalsite.net/images/v1623322212/troyk12mius/rsgjnduggs8cn3owaoyq/TSDNewspaperJune2021-Vol4Issue1.pdf>.

Commissioner Nash developed two commercials to air on the PBS' channel/website, Great Lakes Now, promoting the availability of the 2021 calendar.

Those commercials can be viewed here: 30-second commercial: <https://youtu.be/DkOY1Ity-3A>

15-second commercial:

<https://youtu.be/TCXrkCUdWf4>

### **Natural Resources Education Program**

**FY 2020:** During FY2020, OCPRC hosted and/or participated in one (1) public education and outreach event (approx. 600 attendees) with water resource-related content. OCPR continues to display and distribute OCPR 'Stop Aquatic Hitchhikers' Brochures which provide ID and control information for the top AIS found at OCPR parks - Eurasian watermilfoil, purple loosestrife, curly leaf pondweed, and starry stonewort. These brochures are kept and distributed via contact stations and boathouses at parks that have public boat access.

**FY 2021:** During FY2021, OCPR nature centers were closed until July and all major programs were cancelled due to COVID-19 restrictions. OCPR continues to display and distribute OCPR 'Stop Aquatic Hitchhikers' Brochures which provide ID and control information for the top AIS found at OCPR parks - Eurasian watermilfoil, purple loosestrife, curly leaf pondweed, and starry stonewort. 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 across the County from late May to late September that provided educational information about aquatic invasive species including prevention, identification and decontamination practices.

## **Oakland County Environmental Stewardship and Water Resource Websites**

**FY 2020/FY2021:** WRC, OCPLBD, OCPRC and MSU-Extension Oakland County maintain environmental stewardship and/or water resource information on their Web sites at:

OCPLBD:

<https://www.oakgov.com/advantageoakland/planning/environmentalstewardship/Pages/default.aspx> (a total of 1,440 website hits in FY 2020 and 2021)

WRC: [www.oakgov.com/riparian](http://www.oakgov.com/riparian) (a total of 449 website hits in FY2020 and 2021)

WRC 24-Hour Pollution Hotline:

<https://www.oakgov.com/water/stormwater/Pages/environmental.aspx> (a total of 1,796 website hits in FY 2020 and 2021)

OCPRC: <https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx> (a total of 1,350 website hits in FY 2020 and 2021)

MSU-Extension: <https://www.oakgov.com/msu/programming/Pages/natural-resources.aspx> (a total of 495 website hits in FY 2020 and 2021).

There were 144 website hits in FY 2020 and 226 website hits in FY 2021 to the WRC's Seven Simple Steps to Clean Water website. The Storymap received 159 website hits in FY 2020 and 129 hits in FY 2021.

## **Lakefront Lifestyles Magazine Advertisements and Articles:**

**FY 2020/FY2021:** The Lakefront Lifestyles magazine gets mailed to 15,400 lakefront homeowners on any of 223 inland lakes in west and central Oakland County.

WRC coordinated and funded the publication of the following educational advertisements in the Oakland Lakefront magazine during FY 2020/2021:

April 2020 - Pet Care (pet waste management). May/June 2020 Combined Edition and September 2021 - Septic Maintenance. July 2020/2021 - Car Care. August 2020/2021 - Earth-Friendly Landscaping. September 2020 and May and June 2021 - Storm Drain Awareness (Oakland County's 24-Hour Pollution Hotline is also advertised within this ad)

A total of \$3,975.00 was spent on ads in FY 2020 (five ads at \$795 ea.)

A total of \$3,975.00 was spent on ads in FY 2021 (five ads at \$795 ea.)

Since April of 2020, MSU Extension staff (Bindu Bhakta, Erick Elgin, Jo Latimore, Paige Filice, Terry Gibb, Lois Wolfson and Ruth Kline-Robach) published seven articles highlighting upcoming MSU Extension programs, resources and water quality protection issues relevant to residents on Oakland County lakes. Topics have included using native plants along the shoreline, maintaining septic systems, drinking water, and lake processes in the winter. Each month they highlight a relevant MSU Extension resource or upcoming program, such as the Michigan Inland Lakes Convention or Introduction to Lakes Online. Articles are sometimes reused for MSUE news for further distribution to continue reaching riparian landowners in Oakland County. During FY2020-2021, MSU Extension produced 8 articles in 2020 and 9 articles in 2021. All articles are archived at the Lakefront Lifestyles magazine web site:

<https://www.oaklandlakefront.com/archives/>. The September 1, 2021 article on septic systems, can be found here: <https://www.oaklandlakefront.com/articles/home-sewage-solutions-alternative-onsite-wastewater-solutions-for-difficult-sites/>. Throughout FY 2020/2021, a total of 35 articles and ads related to water and natural resource management were published in the

Lakefront Lifestyles magazine. A summary of all the ads and articles published are provided in Appendix 2.

### **Publicize Environmental Related Events**

**FY 2020/FY 2021:** A total of 22 events were publicized on the bulletin board in the WRC lobby in FY 2020. Due to the COVID-19 pandemic in FY2021, a very limited amount of events were publicized on the bulletin board since the office was closed to the public for a good part of that time. A complete listing of these events is available upon request. Many events were shared via social media during FY 2020/2021 between WRC, OC Parks, OC CISMA and partner organizations.

### **Recreational Vehicle Waste Dumpsites**

**FY 2020/FY 2021:** The WRMD website has a link to RV dumpsites in MI and is available at: <https://www.oakgov.com/advantageoakland/planning/Pages/waste-recycling-resources.aspx> (under the "Statewide" dropdown, then click on "Recreational Vehicle Dump Stations in Michigan"). There were 2,639 website hits in FY2020 and 2,732 website hits in FY2021 to the County's Waste and Recycling Resources website.

### **Riparian Information Distribution**

To date, more than 17,000 Waterfront Wisdom booklets have been distributed. An excel spreadsheet that details the distribution list is available upon request.

**FY 2020:** There were 226 website hits during FY 2020

**FY 2021:** 223 website hits in FY 2021 to WRC's website on riparian education.

### **Solid Waste Plan**

In FY 2014, the County went through the solid waste plan amendment process and approved an amendment to the Oakland County Solid Waste Plan to include a proposed transfer station in Pontiac. The amendment received final approval from the Michigan Department of Environmental Quality in FY 2015. At this point there is no plan to do a full update to the Oakland County Solid Waste Plan unless the need arises and/or the WRMD is instructed to do so by the State of Michigan. Information on the County's Solid Waste Plan is available at: <https://www.oakgov.com/advantageoakland/planning/wasteandrecycling/Pages/Solid-Waste-Plan.aspx>.

**FY 2020:** 493 Web site hits to the County's Solid Waste Plan website.

**FY 2021:** 453 Web site hits to the County's Solid Waste Plan website.

### **Inland Lake Natural Shoreline Education Program**

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. A Michigan Natural Shoreline Partnership training for 43 contractors was held on 3/3/20 to train shoreline contractors how to design and install natural shorelines on inland lakes.

The Introduction to Lakes Online course ran two times, once between January - March 2020 with 189 participants, and January - March 2021 with 286 participants. Topics included lake

ecology, watersheds, shorelines, water law, aquatic plants, and citizen involvement. There were also three live chat sessions during each course.

Bindu Bhakta also presented on Inland Lake shoreline solutions on October 14, 2020 to 53 participants as part of the Wild About Backyard Conservation webinar series.

Lake ecosystem content was also included in the two (2) in-person Michigan Conservation Stewards Programs held in Washtenaw County and the Capital Area in Fall 2019, as well as the Virtual Michigan Conservation Stewards Program in Fall 2021.

In 2019, MSU Extension staff helped enroll 43 Oakland County Lakes in the Cooperative Lakes Monitoring Program (MiCORP). There was no program in 2020 due to the pandemic. 20 lakes were enrolled in the 2021 monitoring program.

A 90-minute session, "Protecting inland lakes: Septic system maintenance, policies, and treatment options" was offered as part of the Michigan Inland Lakes Convention on September 18, 2020. The session recording can be found at:

[https://www.canr.msu.edu/michiganlakes/convention/friday\\_2020](https://www.canr.msu.edu/michiganlakes/convention/friday_2020)

A "Communicating Through Conflict" workshop was also offered at the MILC on 9/17/20 attended by 53 participants. 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 FY2020 & FY2021 programs: Introduction to Lakes Online Courses and Master Gardener Volunteer Trainings. Several resident inquiries were also fielded on various aspects of septic system management throughout the year.

MSU-Extension has a host of information on water management on their website at:

<https://www.oakgov.com/msu/programming/Pages/natural-resources.aspx>.

<https://www.oakgov.com/msu/programming/Pages/natural-resources.aspx>.

**FY 2020:** There were 226 website hits.

**FY 2021:** There were 269 website hits.

### **Operation Medicine Cabinet**

There are currently 36 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, Rochester PD, Royal Oak PD, Southfield PD, Troy PD, West Bloomfield PD, and White Lake PD, who all serve as OMC drop-off sites.

**FY 2020/2021:** 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:

<https://oakgov.maps.arcgis.com/apps/webappviewer/index.html?id=db4052d9ca5c4e1798a7dfd2a54e3c25>. There were 2,284 website hits in FY2020 and 2,043 in FY2021 to the Operation

Medicine Cabinet website at:

<https://www.oakgov.com/sheriff/Community%20Services/domestic/Pages/Operation-Medicine-Cabinet.aspx>.

## VI. COMMUNITY SPECIFIC ACTIVITIES

### Presentations and Displays

MS4 permittees are required to host an education stormwater display at least once during the five-year permit cycle. CRWC circulates a free standing, subwatershed specific display that covers topics relating to stormwater runoff and protecting water quality. The display can be requested via a survey distributed monthly through the Stormwater Monday listserve, via email, or phone call. Presentations are scheduled annually (2) per subwatershed but are also readily available to communities upon request. The table below shows the distribution of the display among the participating MS4 communities.

Municipality/District	Start Date	End Date	Location
Warren	2/4/2020	2/27/2020	Warren Mott High School
Clinton Township	2/27/2020	3/12/2020	Civic Center
Warren	2/27/2020	3/12/2020	Warren Woods Public Schools
Orion Township	2/28/2020	3/13/2020	Orion Center
Fraser	3/13/2020	4/10/2020	Fraser Public Schools
St. Clair Shores	4/28/2020	5/18/2020	Lakeview Public Schools
New Baltimore	5/4/2020	5/18/2020	City Building
Warren	5/4/2020	5/22/2020	Fitzgerald Public Schools
City of Rochester	8/17/2020	8/28/2020	City Building
Anchor Bay Public Schools	12/8/2020	3/1/2021	Early Education Center
Village of Oxford	2/1/2021	3/1/2021	City Building
Chesterfield	3/1/2021	4/7/2021	Chesterfield Municipal Offices
Shelby Township	4/16/2021	5/14/2021	Shelby DPW
St. Clair Shores	8/1/2021	8/31/2021	SCS Town Hall
City of Mt. Clemens	9/20/2021	10/18/2021	Mount Clemens City Hall
Charter Township of Harrison	10/8/2021	11/8/2021	Harrison Twp Sewer Dpt.
Charter Township of Independence	10/4/2021	11/4/2021	Town Hall
City of Roseville	12/20/2021	1/24/2022	City Hall
Charter Township of Washington	1/5/2022	2/5/2022	Township Hall
City of the Village of Clarkston	1/24/2022	2/21/2022	Office Lobby
City of Eastpointe	2/1/2022	3/1/2022	City Hall
Village of Lake Orion	2/1/2022	2/28/2022	Village Hall Police Department
City of Centerline	3/2/2022	3/16/2022	City Hall
Village of New Haven	3/15/2022	4/15/2022	City Hall
City of Hazel Park	3/16/2022	3/30/2022	City Hall
City of Orchard Lake Village	3/21/2022	4/18/2022	City Hall

**Regional Public Education Materials**

Educational materials such as SEMCOG tip cards, dog waste bags with Seven Simple Steps to Clean Water print, and educational flyers are available to communities upon request via a survey distributed monthly through the Stormwater Monday listserve. These materials are also provided when communities host the stormwater display. Permittees track distribution using tracking tool Appendix B.

**Subwatershed Website**

Website link: <https://www.crowc.org/about/our-watershed/the-clinton-river-watershed>

**Community Information**

CRWC will distribute a minimum of (4) educational articles, brochures, or fact sheets annually. Communities and school districts will publish via print or digital media. See Appendix D for resources distributed. Permittees report distribution using tracking tool Appendix B. Resources are also available on the homeowner resources and stormwater education pages of the CRWC website: <http://www.crowc.org/homeownerresources/>, <http://www.crowc.org/programs/stormwater-ed/>

**Household Hazardous Waste Information**

If applicable, permittees provide working links to websites and report via Appendix B.

**Recreational Vehicle Waste Dumpsites**

If applicable, permittees provide working links to websites and report via Appendix B.

**Riparian Information Distribution**

If applicable, permittees provide working links to websites and report via Appendix B.

**VII. APPENDICES**

## **APPENDIX A**

*PEP Activities Table*

### **Contents**

PEP Activities Table

PEP TOPIC	BMP IDENTIFIER	BMP DESCRIPTOR	PARTNER COLLABORATION	TARGET AUDIENCE	Key Message(s) Addressed Green =High Priority Orange= Medium Priority Yellow= Low Priority										FREQUENCY	RESPONSIBLE PARTY	MEASURABLE GOAL	
					PEP Element A - Personal Watershed Stewardship	PEP Element B - Ultimate Storm Water Discharge Locations and Potential Impacts	PEP Element C - Public Reporting of Illicit Discharges	PEP Element D - Car, Pavement PowerWashing	PEP Element E- Pesticides, Herbicides, Fertilizer Education	PEP Element F-Grass Clippings, Leaf Litter, Animal Waste Disposal	PEP Element G - Waste Management Assistance	PEP Element H- Septic System Maintenance	PEP Element I - Benefits of Green Infrastructure LID	PEP Element J - Mgt. of Riparian Lands				PEP Element K - Commercial, Industrial, Institutional Education
Watershed Wide Activities																		
A-C, E-G, I, J	Michigan Green Schools Program	This program was signed into law at the state level in 2006. The program encourages public and private schools to participate in energy savings and environmental activities to be designated as "Michigan Green Schools".	YES	K-12th grade students and teachers	x	x	x		x	x	x		x	x		Annually	Oakland Macomb	Minimum participation of 100 schools annually in each county.
A-G, I,J	River Day	CRWC will recruit, host and promote events. MS4 permit communities will promote River Day events.	YES	Citizens including the general public and county and municipal employees	x	x	x	X	x	x	x		x	x		Annually	CRWC	Promote and publicize a minimum of 15 events annually.
A,B,C,J, K	Clinton Cleanup	CRWC will recruit, host and promote events. MS4 permit communities will promote Clinton Clean Up events. Recruitment of volunteers is targeted to the general public, as wells as commerical, industrial and corporate partners.	YES	Citizens including the general public and corporate employees/volunteers	x	x	x							x	x	Annually In September	CRWC	Host a minumum of 12 events annually 150 volunteers and 150 bags of trash removed.
A,B,C,J, K	Weekly Clean	CRWC will recruit, host and promote weekly clean up in the watershed. Recruitment of volunteers is targeted to commerical, industrial and corporate partners.	YES	Citizens including the general public and corporate employees/volunteers	x	x	x							x	x	36 weeks a year	CRWC	Host a minumum of 36 events with a total volunter count of 375 and approximately 7,500 lbs of trash removed annually.
A-G, I,J	School Program - Clinton River Water Festival at Oakland University	Participate in the Clinton River Water Festival at Oakland University, providing staff for event planning, registration, volunteer guiding, and presentations at the festival. CRWC and Oakland County representatives serve on the planning committee that meets a minimum of 5 times annually. This water festival educates students in the Oakland County portion of the Clinton River watershed.	YES	4th-5th grade students, teachers; corporate volunteers	x	x	x	x	x	x	x		x	x		Annually in May	Oakland CRWC	Maintain a level of 1100 students per year plus 150 adults chaperones and teachers and 100 volunteers.

A-G, I,J	School Program - Lake St. Clair Water Festival at Macomb Community College	Participate in the Lake St. Clair Water Festival, providing staff for event planning, registration, volunteer guiding, and presentations at the festival. CRWC and Macomb County Public Works representatives serve on the planning committee that meets a minimum of 10 times annually. This water festival educates students in the the the Clinton River, Lake. St. Clair, and Anchor Bay (sub)watersheds.	YES	4th-5th grade students,teachers; corporate volunteers	x	x	x	x	x	x	x	x	x	x	Annually in May	Macomb CRWC	Maintain a level of 1500 participants.
A-J	Stormwater Management Forum	CRWC will plan, promote, and host quarterly stormwater management forums. These forums bring decision makers and stakeholders within our watershed together to share information and discuss relevant topics in stormwater management.	YES	County and Municipal Employees, NGO/NPO employees, MS4 permittees, City Councils, engineers, city planners, public works operators, industrial and commercial facilities management and employees.	x	x	x	x	x	x	x	x	x	x	Quarterly	CRWC	Quarterly forums, at least 1 presenter at each forum with a minimum of 15 attendees.
A-K	Stormwater Education: Community Presentations and Workshops	Presentation on watersheds, stormwater pollution, green infrastructure, and lifestyle practices that preserve and protect water resources. (CRWC will host a minimum of 2 in each subwatershed.) Topics will vary and will be based on host subwatershed requests. CRWC will communicate with webmasters and communication staff of the MS4 permittees community to ensure promotion of events.	YES	Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	Annually	CRWC	Minimum 12 per year (2 per subwatershed). Attendance is tracked via sign-in sheets and submitted in the biennial report.
A,B,C,J	Adopt-A-Stream Training Workshops	Adopt A Stream training includes one 3-hour workshop on watersheds, stormwater pollution, watershed friendly practices, and training in volunteer monitoring procedures including macroinvertebrate collection and physical assessment. (Minimum of one 3 hr workshop per subwatershed ) Bug Identification Workshops are also held to ensure that each team has at least one bug certified member.	YES	Citizens including the general public and county and municipal employees	x	x	x						x		Continuous	CRWC	Minimum 6 AAS trainings annually (1 per subwatershed). Minimum 2 Bug ID trainings annually.
A,B,C,J	Adopt-A-Stream Volunteer Water Quality Monitoring Program	Coordination of volunteer monitoring teams at pre-selected sites.	YES	Citizens including the general public and county and municipal employees	x	x	x						x		Biannually	CRWC	Monitor a minimum of 35 locations, with a minimum of 100 volunteers on the first Saturday in May and the first Saturday in October.

A-K	Subwatershed Website	Hosted by CRWC website; features subwatershed map, photos, description, events and links to education resources.	YES	Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	x	Continuous	CRWC	Continue to maintain page and update information and verify participating communities links to this website. Website admin (CRWC) can view number of website hits and will submit in biennial report.
A-C,E,F,I,J	Stream Leaders Student River Monitoring Program	The mission of the Stream Leaders program is to raise young people's awareness of the importance of water quality; and to help cultivate a connection to a Great Lakes stewardship identity. This is accomplished through a multidisciplinary, place-based initiative that provides students with an educational experience in water quality monitoring, data interpretation, and citizen action. Students and teachers perform biological, physical, and chemical stream monitoring assessments. They then interpret and analyze stream data and submit it to CRWC to corroborate.	YES	K-12th grade students, teachers and chaperones	x	x	x		x	x			x	x	Program is continuous; Actual monitoring events in April/May and October.	CRWC	Retain participation of a minimum of 3,100 students and 20 schools per year, weather permitting.	
A, D-F, H-J	RiverSafe LakeSafe	Educational outreach survey tool offering homeowners the opportunity to become certified "RiverSafe LakeSafe" by CRWC if they commit to the series of household water quality BMPs at home that reduce stormwater pollution and protect local fresh surface waters. Encourage MS4 permit communities to become certified and promote through City Council, beautification boards, planning committees, or other local committees.	YES	Home/Property owners	x			x	x	x		x	x	x	Continuous	CRWC	add a minimum of 10 new certifications a year	
I-K	WaterTowns	CRWC's place making initiative focused on connecting communities to their waterways through education, green infrastructure, history, art and ecology. Municipalities are equipped with complete shovel ready green infrastructure project designs custom for their community and are given the opportunity to implement a GI project, providing an educational opportunity for the public to get involved through native plantings, educational signage, etc.	YES	Municipal Employees, property developers, general public									x	x	Continuous	CRWC	bring on a minimum of 2 new communities a year to the WaterTowns program	

I-K	Stormwater Education: Industrial and Commercial Facilities	Provide educational materials and BMP fact sheets to industrial and commercial facilities. Target 2 industrial/commercial sectors per year. Distribute BMP information via email that is created specifically for each sector.	YES	Employees and property owners at industrial and commercial facilities. Property developers, planners, engineers.	x													Macomb; Oakland; CRWC; MS4 Permittes	Target 2 sectors per year. Distribute BMP fact sheets through annual email blast to designated contact at each facility. Track distribution via list of businesses and emails sent.
I-K	Stormwater Education: Industrial and Commercial Facilities	Attend Regional Chamber of Commerce Networking events to build relationships with business owners and share information related to stormwater pollution prevention for business/industry.	YES	Employees and property owners at industrial and commercial facilities. Property developers, planners, engineers.	x													CRWC	Attend a minimum of 2 events annually.
A-K	Social Media Outreach	Use social media platforms (Facebook, Twitter, Instagram) to collaborate among partners for cross promotion of events, fundraisers, news, education, and community announcements.	YES	Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	x	x		CRWC	Track total monthly response and interactions such as likes, comments, and shares on Facebook, likes, responses, and retweets on Twitter, and likes on Instagram.
<b>Macomb County Specific Activities</b>																			
A-K	Public Works Presentations	Presentations are offered to school and adult groups. These presentations educate citizens on pollution prevention in our waterways in order to improve the quality of life and promote economic prosperity with clean water.	YES	General Public in Macomb County	x	x	x	x	x	x	x	x	x	x	x			Macomb	30 presentations per year
A-D,K	Clean Boating	Inform and promote clean boating practices with including pollution prevention, spill notification and invasive species control	YES	General Public	x	x	x	x										Macomb	Meet with local boating association once a year and hand out 50 flyers promoting current pollution prevention initiatives.
A,K	MSU Extension Understanding Groundwater	This presentation targets 4th through 6th graders. Using a groundwater model and hands on activities, students review basic water knowledge, learn what groundwater is, the surface/groundwater connection and the importance of protecting and conserving groundwater resources.	YES	Elementary students and educators	x													Macomb	Participation is tracked, based on school requests for the program and availability of staff
A-D, G,H,K	MSU Extension Water Conservation Program	Designed for 1st through 3rd graders. The children explore water conservation topics such as where water comes from, how to use water wisely, and how to protect and conserve this precious resource.	YES	Elementary students and educators	x	x	x	x										Macomb	100 classroom presentations per year

A,E,F,I,K	MSU Extension Master Gardener Program	The Michigan State University Extension Master Gardener Program is an adult horticulture education and volunteer leader training program. Volunteers are committed to improving the quality of life in Michigan through horticulture-based volunteerism and beautifying communities throughout the state.	YES	Citizens	x				x	x			x		x	Annually	Macomb	50 active volunteers providing 2,000 hours of volunteer service.
A,E,F,I,K	MSU Extension Master Composter Program	The Master Composter course instructs residents about yard waste composting and reduction. This shows the importance of improving your yard at little cost, with little odor or attracting critters, and teaches how to reduce waste that must be disposed. This program gives correct knowledge that can be shared through volunteer activities.	YES	General Public	x				x	x			x		x	Annually	Macomb	5 active volunteers providing 100 hours of volunteer service.
A-C, E,F,J,K	MSU Extension Sea Grant Summer Discovery Cruises	Summer Discovery Cruises offer anyone interested in exploring Lake Erie, the Detroit River and Lake St. Clair the opportunity to get out on the water for an education experience.	YES	General Public	x	x	x		x	x				x	x	Seasonally	Macomb	250 participants per year
A,E,F,K	MSU Extension 4-H Environmental and Outdoor Education	Programs focus on teaching environmental responsibility and stewardship. This 4-H program area provides educational opportunities for youth to enjoy the outdoors and learn about the interconnection of people and nature.	YES	Youth	x				x	x					x	Annually	Macomb	1,000 youth per year mentored and educated by 100 adult and teen volunteers to deliver their programs.
A-K	MSU Extension Public Education Classes	Homeowner classes on environmentally safe maintenance	YES	General Public	x	x	x	x	x	x	x	x	x	x	x	Annually	Macomb	25 attendees per year
A-K	Facility Tours	On-site tours of Macomb County facilities are available relating to environmental impacts to the Clinton River and Lake St. Clair. Tours focus on what the county is doing to improve our water resources and to educate the public on how they can help.	YES	General Public	x	x	x	x	x	x	x	x	x	x	x	Annually	Macomb	Engage 20 participants per year.
A,B,C,G	Household Hazardous Waste Collection	The Macomb County Health Department sponsors hazardous waste collection drop-off sites for proper disposal. This includes fluorescent bulbs, used oil & oil filters, mercury thermometers, PCBs, etc.	YES	Macomb County Residents	x	x	x					x				Annually	Macomb	Host six events per year and a collection goal of 100,000 pounds of waste from participating residents

A,G	Medication Disposal	Low concentrations of prescription drugs, including opiates, and over the counter medications have been detected in the drinking water supplies of 24 major metropolitan areas throughout the country, including Detroit. Contributing to the problem is the disposal dilemma faced by residents who want to safely dispose of unwanted medications without flushing them down the drain. The Macomb County Health Department is partnering with local pharmacies to accept unwanted and expired medications.	YES	General Public	x											Annually	Macomb	Collect 1,000 pounds of unwanted medication annually. Data is collected from sheriff's department.
A,I-K	The Blue Economy Initiative	Macomb County's Blue Economy Initiative is designed to protect and enhance Macomb County's assets, Lake St. Clair and the Clinton River Watershed. Its objectives are to increase public access and cultivate investment while maintaining high standards for environmental stewardship.	YES	General Public	x											Annually	Macomb	Annually host a lake event.
	Lake St. Clair Initiative Circle the Lake Tour	Macomb County Planning and Economic Development created this public/private, non-profit association to increase the awareness, protect, and develop the rich and diverse assets on and around this fresh water community.	YES	General Public	x											Annually	Macomb	Distribute 500 maps through municipalities and tourism events.
A,J	Clinton River Blue Way Water Trail	Macomb Count created a Blue Way Water Trail to increase awareness of the natural assets the county possesses and create opportunities to publicize and increase access to the Clinton River.	YES	General Public	x											Annually	Macomb	Distribute 200 water trail maps through the CRWC.
A,E,J	Phragmites Invasive Removal	The intent of the project is to protect coastal marshes (wetlands) within the St. Clair watershed through the control of common reed, or phragmites. Treatment includes aerial and ground application of herbicide, followed by either prescribed burning or mowing.	YES	General Public	x											Seasonally	Macomb	Attend 4 CISMA meetings per year.
A,B,J	Spill Awareness	Macomb County will promote a citizens awareness program for spill response and how to notify proper authorities for clean up if necessary.	YES	Homeowners, visitors, and business owners within Macomb	x	x										Annually	Macomb	Attend 1 Emergency Response meeting a year to update and report procedures.

A-K	Bulletin Boards/ Displays	Bulletin boards in the designated county buildings on clean water topics. Other related information is posted and/or materials are placed for public/county employees to take. Display booths at county events and other events as requested.	YES	General public, Macomb County employees	x	x	x	x	x	x	x	x	x	x	Quarterly	Macomb	flyers and topics to be rotated at least 4 times per year. Materials are counted before and after each event
A-C, G, I, J	Macomb County Social Media Sites	All the nested Macomb County departments keep the Macomb County communities informed on the many projects, services provided, and highlights some of the ongoing projects and services going on in the county through various forms of social media. These resources also provide updates about events and education the citizens can participate in around the county. The main county website is: <a href="http://www.macombgov.org/">http://www.macombgov.org/</a> .	YES	General public, Macomb County employees	x	x	x				x		x	x	Updated on a regular basis	Macomb	Provide working links to websites and pages. Track hits on websites and social media pages
A-K	Publications	Publicize environmental stewardship, pollution prevention, best mangement practices and other relevant environmental activities to Macomb County staff, the general public and business/industry	YES	General public, Macomb County employees	x	x	x	x	x	x	x	x	x	x	Annually	Macomb	distribute at least 150 publications through direct mailing or email each year
A-K	Riparian Information	Make available riparian landowner educational materials at events, meetings, and through mailings.	YES	General Public, Riparian Landowners	x	x	x	x	x	x	x	x	x	x	Annually	Macomb	Educate at least 12 riparian residents a year through inquiries.
<b>Macomb County NON-REQUIRED Activities</b>																	
A,B,G,K	Board of Commissioners Earth Day Contest	Macomb County will promote and sponsor an Earth Day contest for 4th & 5th grade students in the county.	YES	Elementary students	x	x					x				Annually	Macomb	Have at least 10 participants per year.
A,B,E,F,I<K	Green Macomb	The Macomb County Department of Planning & Economic Development is developing a new initiative to support green infrastructure efforts that strengthen the economic vitality, quality of life, and environmental wellbeing for those visiting, living, and working in Macomb County.	YES	General Public	x	x			x	x			x		Annually	Macomb	Plant 50 trees a year and attend one event per year.
A,J	HEART Freshwater Center	The HEART Freshwater Center is a unique alliance of agencies working together to study the Huron to Erie Corridor through research, education and training. The purpose of this research is to improve the ecosystems of these water bodies and the quality of life for the people who use them.	YES	General Public	x									x	Annually	Macomb	Work with lab two times a year on water quality event/testing.
<b>Oakland County Specific Activities</b>																	

A-C, G, I-K	Regional Stormwater Summit	This annual event, which debuted in 2013, features presentations on stormwater and watershed initiatives in the southeast Michigan and the Great Lakes region that are relevant in helping communities work together and gain insight into addressing the region's stormwater and watershed management challenges.	YES	Citizens including the general public and county and municipal employees	x	x	x																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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A-J	Enviroscape Watershed Model Program	<p>The EnviroScape watershed model teaches students about watersheds and how individual actions affect our waterways, as well as how pollution moves throughout a watershed. Students are taught how to prevent pollution through everyday actions.</p> <p>The model is programming is facilitated by WRC staff The EnviroScape is also made available to the public to borrow for presentations.</p>	YES	General public, Oakland County students	x	x	x	x	x	x	x	x	x	x	x	x	Annually	Oakland	Minimum of 10 programs annually
A-C, G, I, J	E-newsletter Articles	<p>WRC releases an electronic newsletter to the public, CVTs, elected officials and county employees on a quarterly basis (the E-newsletter has taken the place of the WRC Watermark newsletter).</p> <p>This newsletter keeps Oakland County communities informed on the many projects and services provided by the WRC and highlights some of the WRC's ongoing projects and services. It also provides updates about the evolving role of the WRC office.</p>	YES	General public, CVTs, elected officials, and county employees in Oakland County	x	x	x					x		x	x		Published quarterly	Oakland	Minimum of 4 newsletters annually
A-K	Household Hazardous Waste Information	<p>Continue to publicize information on the NO HAZ, Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and Southeastern Oakland County Resource Recovery Authority (SOCRRA) programs to citizens and employees of Oakland County on WRMD's Web site (<a href="http://www.oakgov.com/waste/nohaz">www.oakgov.com/waste/nohaz</a>). NO HAZ, RRRASOC and SOCRRA provide safe disposal of household hazardous waste to Oakland County municipalities to the maximum extent practicable (as budget allows).</p> <p>The WRC will continue to distribute HHW brochures.</p> <p>WRC also provides an ad on household hazardous waste disposal in the Oakland Lakefront magazine and has information in its Waterfront Wisdom publication and on their Web site at <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>.</p>	YES	Residents	x							x					Annually	Oakland	<p>Maintain working links to Web sites and track number of website hits annually</p> <p>Hold a minimum of four collection events per year</p> <p>Collect and properly dispose of a minimum of 200,000 pounds of household hazardous waste per year</p>

A-K	Kids' Clean Water Calendar Contest	The Kids' Clean Water Calendar contest is open to all 4th and 5th grade students in all schools within Oakland County. Themes for drawing entries surround the Seven Simple Steps to Clean Water campaign topics developed by SEMCOG. The contest promotes the students to learn about watershed stewardship and how our daily actions impact our waterways.	YES	General public, Oakland County 4th and 5th grade students	x	x	x	x	x	x	x	x	x	x	x	x	Annually	Oakland	Achieve participation of a minimum of 600 students per year  Distribute a minimum of 5,000 calendars per year throughout Oakland County
A, I, J	Natural Resources Education Program	Special programs are offered by Oakland County Parks and Recreation Commission (OCPRC) staff throughout the year which provide opportunities for the community to participate in ongoing stewardship efforts. Programs take place at the Oakland County Parks as well as other locations in Southeast Michigan. Stewardship opportunities are posted on OCPRC's Web site at: <a href="http://www.destinationoakland.com">www.destinationoakland.com</a>	YES	General public, visitors to the area	x								x	x			Annually	Oakland	Hold a minimum of 10 stewardship events per year with participation from a minimum of 200 individuals per year
A-K	Oakland County Environmental Stewardship and Water Resource Web sites	WRC, Oakland County Planning and Economic Development Services (OCPEDS), Road Commission of Oakland County (RCOC), OCPRC and MSU-Extension Oakland County maintain environmental stewardship and/or water resource information on their Web sites at: <a href="http://www.oakgov.com/es">www.oakgov.com/es</a> , <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a> , <a href="https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx">https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx</a> , <a href="http://www.rcocweb.org/Environmental/Environmental.aspx">http://www.rcocweb.org/Environmental/Environmental.aspx</a> , and <a href="http://www.oakgov.com/msu/">http://www.oakgov.com/msu/</a> . Information will also be provided via the Be Phosphorus Smart! Web site, which is a portal to information on phosphorus and its role in and impacts on crops, turf and lawn care, and stormwater ( <a href="http://www.bephosphorusmart.msu.edu/">http://www.bephosphorusmart.msu.edu/</a> )	YES	General public, CVTs, county employees	x	x	x	x	x	x	x	x	x	x	x	x	Annually	Oakland MSUE Oakland	Provide working links to Web sites and track number of website hits annually

A	Oakland Lakefront Magazine Advertisements	Public education messages are placed in the Oakland Lakefront magazine. The messages include pet care, fertilizers, household hazardous waste disposal, earth-friendly landscaping, car care and storm drain awareness. Oakland Lakefront is published monthly and reaches approximately 17,000 homeowners on the waterways of Oakland County.	YES	General public, riparian landowners	x	x	x	x	x	x	x	x	x	x	x	x	April through September	Oakland	Place six (6) ads per year  Reach a minimum of 13,000 lakefront residents per ad per year
A-K	Publicize Environmental-Related Events	Publicize environmental stewardship and other relevant environmental activities to WRC staff and the general public through in-house bulletin boards in WRC lobby. Oakland County also has a Web portal where this information is available at: <a href="https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx">https://www.oakgov.com/parks/getinvolved/Pages/Natural-Resource-Management.aspx</a>	YES	General Public, visitors to the area, WRC staff	x												Annually	Oakland	Publicize a minimum of 20 natural-resource related events per year  Maintain working links to Web sites and track number of website hits annually
G	Recreational Vehicle Waste Dumpsites	Post links and/or locations to recreational vehicle (RV) waste dumpsites in the region on Southeast Michigan Council of Government's (SEMCOG) Ours to Protect Web site at: <a href="http://www.semco.org/OursToProtect_HouseholdWaste.aspx">www.semco.org/OursToProtect_HouseholdWaste.aspx</a> and provide a link to Michigan RV dump sites ( <a href="http://www.rvdumps.com/mi.htm">www.rvdumps.com/mi.htm</a> ) on Oakland County Waste Resource Management Division's Web site at: <a href="http://www.oakgov.com/waste/">www.oakgov.com/waste/</a> .	YES	Residents, visitors to the area									x				Annually	Oakland	Provide working links to Web sites and track number of website hits annually to Oakland County's Waste and Recycling Resources page will be tracked annually
A-K	Riparian Information Distribution	Distribute riparian landowner educational material (i.e. Waterfront Wisdom brochure) at events, meetings, and through mailings.  Maintain WRC's riparian education Web site ( <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a> )	YES	General Public, Riparian Landowners	x	x	x	x	x	x	x	x	x	x	x	x	Annually	Oakland	Maintain working links to Web sites and track number of website hits annually  Distribute a minimum of 100 Waterfront Wisdom booklets per year
A, G	Solid Waste Plan	Continue to implement Oakland County's Solid Waste Plan which establishes an enforceable program and processes that when implemented will minimize future adverse impacts upon public health, the environment and the landscape as a result of the generation, handling, processing and disposal of Act 451, Part 115 non-hazardous solid wastes.	YES	Residents	x								x				Annually	Oakland	Provide working link to Web site and track number of website hits annually

A-K	Inland Lake Natural Shoreline/Education Program	The MDEQ and MSU-Extension has spearheaded the development of the Michigan Natural Shoreline Partnership (MNSP). Each year, education and outreach is provided to inland lake homeowners and shoreline landscape contractors on the following topics: the importance of natural shoreline landscapes on Michigan's inland lakes, healthy lake ecosystems, understanding the shoreline, shoreline invasive plants, planning a natural shoreline landscape, design ideas for a natural shoreline landscape, plant selection, planting stock and site preparation, natural shoreline success, and Michigan rules and regulations. In Oakland County, a partnership has formed between the WRC, MSU-Extension, OCPRC, Clinton River Watershed Council, Wild Ones, Oakland Conservation District and MDEQ to offer programming locally.	YES	General Public, Riparian Landowners	x	x	x	x	x	x	x	x	x	x	x	Annually	Oakland	Report annually: -Number of programs held -Number of attendees -Workshop partners  Host and participate in at least one program annually in Oakland County
	Operation Medicine Cabinet	The Oakland County Sheriff's Office launched "Operation Medicine Cabinet" in July of 2009 to provide citizens a venue to properly dispose of expired and/or unused prescriptions at several different locations throughout Oakland County. This program helps to reduce the environmental impacts of prescription drugs in our waterways that can have detrimental effects on fish, frogs and other aquatic life. Additional information is available at: <a href="http://www.operationmedicinecabinetmi.com">www.operationmedicinecabinetmi.com</a>		General public													OC Sherriff's office and participating CVT's	Maintain a minimum of 30 participating CVTs in the program.  Maintain working links to website and track number of website hits annually  Report on the number and location of participating CVTs
	<b>Community Specific Activites</b>	<b>These items are to be reported by the communities in the SWMP. ALL items will be implemented by each community.</b>																
A-J	Presentations and Displays	Provide displays and presentations for water quality-related events upon request and availability of staff time display to public at least once in the next 5 years.		Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	Minimum of once during 5-year permit cycle	MS4 Permittees; CRWC	Host display once during permit cycle	

A-K	Regional Public Education Materials	Distribute resources available from SEMCOG including: Seven Simple Steps to Clean Water brochures, tip cards and kids activity sheets. Topics include: fertilizer, car care, pet care, household hazardous waste disposal, earth-friendly landscaping, water conservation and storm drain awareness. Materials are available on the Ours to Protect Website. at <a href="http://www.semco.org/ourstoproTECT.aspx">http://www.semco.org/ourstoproTECT.aspx</a>		Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	x	Annually	MS4 Permittees; CRWC	Distribute educational materials (pamphlets, brochures, tip cards) on request from MS4 permit communities, on various topics at community facilities and events. MS4 communities have an excel spreadsheet to track distribution.
A-K	Subwatershed Website	Hosted by CRWC website; features subwatershed map, photos, description, events and links to education resources. MS4 permittees will provide links to the CRWC website of their own websites.		Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	x	Continuous	MS4 Permittees; CRWC	Provide working links to Web sites. MS4 permit communities have an excel document to track link locations and website hits.
A-K	Community Information	Write or distribute articles about watersheds, green infrastructure, watershed friendly practices for homeowners, and other stormwater pollution related topics for publication into existing municipal newsletters, enewsletters and websites; Four articles per year will be given to MS4 permittees from CRWC for publication in newsletters and other publications. MS4 permittees will distribute these articles to the public each year via print or digital media.		Citizens including the general public and county and municipal employees	x	x	x	x	x	x	x	x	x	x	x	Annually	MS4 Permittees; CRWC	Publish via print or digital media 4 articles per year.

A,C,G	Household Hazardous Waste Information	<p>Continue to publicize information on the NO HAZ, Resource Recovery and Recycling Authority of Southwest Oakland County (RRRASOC) and Southeastern Oakland County Resource Recovery Authority (SOCRRA) programs to citizens and employees of Oakland County on WRMD's Web site (<a href="http://www.oakgov.com/waste/nohaz">www.oakgov.com/waste/nohaz</a>). NO HAZ, RRRASOC and SOCRRA provide safe disposal of household hazardous waste to Oakland County municipalities to the maximum extent practicable (as budget allows). Oakland County MS4 permittees will also promote.</p> <p>The WRC will continue to distribute HHW brochures.</p> <p>WRC also provides an ad on household hazardous waste disposal in the Oakland Lakefront magazine and has information in its Waterfront Wisdom publication and on their Web site at <a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>.</p>		Residents	x		x					x							Continuous	MS4 Permittees	Provide working links to websites. MS4 permit communities have an excel document to track link locations and website hits.
A,G	Recreational Vehicle Waste Dumpsites	<p>Post links and/or locations to recreational vehicle (RV) waste dumpsites in the region on Southeast Michigan Council of Government's (SEMCOG) Ours to Protect Web site at: <a href="http://www.semco.org/OursToProtect_HouseholdWaste.aspx">www.semco.org/OursToProtect_HouseholdWaste.aspx</a> or provide a link to Michigan RV dump sites (<a href="http://www.rvdumps.com/mi.htm">www.rvdumps.com/mi.htm</a>) on Oakland County Waste Resource Management Division's Web site at: <a href="http://www.oakgov.com/waste/">www.oakgov.com/waste/</a>. MS4 may add this to thier SWMP</p>		Residents, visitors to the area	x							x							Continuous	MS4 Permittees	Provide working links to websites and track number of hits. MS4 permit communities have an excel document to track link locations and website hits.
A-J	Riparian Information Distribution	<p>Distribute riparian landowner educational material (i.e. Waterfront Wisdom brochure) make available to their public via mailings or through their website. events, meetings, and through mailings. MS4 may add this to thier SWMP</p> <p>Maintain WRC's riparian education Web site (<a href="http://www.oakgov.com/riparian">www.oakgov.com/riparian</a>)</p>		General Public, Riparian Landowners	x	x	x	x	x	x	x	x	x	x	x	x			Continuous	MS4 Permittees	Provide working link to website and track number of hits. MS4 permit communities have an excel document to track link locations and website hits.

## **APPENDIX B**

*Community Tracking Spreadsheet*

### **Contents**

Community Tracking Spreadsheet



## **APPENDIX C**

*Letters of Commitment*

### **Contents**

Macomb County Public Works Office

Oakland County Water Resources Commissioner

Michigan State University Extension



**Candice S. Miller**

Public Works Commissioner  
Macomb County

January 8<sup>th</sup>, 2019

Mr. Martin Hendges  
Ms. Sarah Flynn  
MDEQ -Water Resources Division  
Southeast Michigan District Office  
27700 Donald Court  
Warren, MI 48093

RE: Watershed-wide Public Education Plan Submittal for the Clinton River Watershed

Dear Mr. Hendges and Ms. Flynn:

The Macomb County Public Works Office is writing to affirm its commitment to assist communities in implementing the collaborative Public Education Plan (PEP) that has been developed for the storm water permit holders within the Clinton River Watershed.

The Macomb County Public works Office understands that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) permit administered by the Michigan Department of Environmental Quality. The permit regulates stormwater discharges from municipal separate storm sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.

The Macomb County Public Works Office is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship.

If you have any questions, please feel free to contact Jeff Bednar, Environmental resources Manager, at [jeff.bednar@macombgov.org](mailto:jeff.bednar@macombgov.org) or (586)493-0685.

Sincerely,

Candice S. Miller, Commissioner  
Macomb County Public Works

January 21, 2019

Mr. Martin Hendges  
Mrs. Sarah Flynn  
MDEQ -Water Resources Division  
Southeast Michigan District Office  
27700 Donald Court  
Warren, MI 48093

Re: Watershed wide Public Education Plan Submittal for the Clinton River Watershed

Dear Mr. Hendges and Mrs. Flynn:

The Michigan State University (MSU) Extension is writing to affirm its commitment to assist communities in implementing the collaborative Public Education Plan (PEP) that has been developed for the stormwater permit holders within the Clinton River Watershed.

MSU Extension recognizes that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) administered by the Michigan Department of Environmental Quality. The permit regulates stormwater discharges from municipal separate stormwater sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.



## MSU EXTENSION

### Community, Food & Environment Institute

160 Agriculture Hall  
Michigan State University  
East Lansing, MI 48824-1039

517.432.7575

Fax: 517.355.6748

[www.msue.msu.edu](http://www.msue.msu.edu)

MSU Extension is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship. Furthermore, the programming and resources offered are science-based and delivered through a collaboration of faculty and specialists from Michigan State University in partnership with local organizations and agencies. When possible, programming is offered as both classroom and field-based learning opportunities, and is tailored to meet the specific areas of interest and needs of the target audience.

If you have any questions, please feel free to contact me at (517) 432-7602 or [ivand@msu.edu](mailto:ivand@msu.edu).

Sincerely,

A handwritten signature in blue ink that reads "David J. Ivan".

David J. Ivan, Ph.D., Director  
Community, Food & Environment Institute  
Michigan State University Extension



# WRC

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## WATER RESOURCES COMMISSIONER

*Jim Nash*

December 21, 2018

Mr. Martin Hendges  
Ms. Sarah Flynn  
MDEQ – Water Resources Division  
Southeast Michigan District Office  
27700 Donald Court  
Warren, MI 48093

RE: Watershed-wide Public Education Plan Submittal for the Clinton River Watershed

Dear Mr. Hendges and Ms. Flynn:

The Oakland County Water Resources Commissioner's Office (WRC) is writing to affirm its commitment to assist communities in implementing the collaborative Public Education Plan (PEP) that has been developed for the storm water permit holders within the Clinton River Watershed.

The WRC recognizes that the PEP is a requirement of the National Pollutant Discharge Elimination System (NPDES) administered by the Michigan Department of Environmental Quality. The permit regulates stormwater discharges from municipal separate storm sewer systems, in compliance with the provisions of the Federal Water Pollution Control Act (Clean Water Act), as amended (33 U.S.C. 1251 et seq), and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.

Oakland County is included as a responsible party for the implementation of a variety of actions in the PEP because many of our activities and programs offer excellent opportunities for engaging the public in watershed education and environmental stewardship.

If you have any questions, please feel free to contact me at 248-858-5264.

Sincerely,



Jacy L. Garrison  
Environmental Planner II



## **APPENDIX D**

*Educational Outreach Materials*

### **Contents**

BMP Fact Sheets



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# AUTO CARE BMP

## WHAT IS STORMWATER POLLUTION?

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, and grass clippings as it flows over roofs, roadways, sidewalks and lawns. Stormwater runoff ultimately flows into storm drains.

*Remember: Storm drains lead directly to our local rivers and streams.*

## HOW DO AUTOMOTIVE REPAIR AND MAINTENANCE BUSINESSES CONTRIBUTE TO STORMWATER POLLUTION?

- Incorrect storage of used and new vehicle fluids.
- Spills and leaks from auto maintenance such as, oil, gasoline, chemicals, grease and paint.
- Improper cleaning of work sites.

**BEST MANAGEMENT PRACTICES (BMP):** Behaviors and practices used by individuals to prevent or reduce stormwater pollution impacts.



### CHEMICAL SPILLS

- Never hose gas, oil or other chemical spills down the drain.



### CONTROL LITTER

- Be sure workspace and surrounding areas such as parking lots are free of litter, debris and scraps that could end up in storm drains.



### SPILL KITS

- Be sure to have properly stocked spill kits on hand.



### EDUCATE STAFF

- Teach staff proper handling, storage and disposal of supplies, how to use a spill kit, and where storm drains are located on the property.



### DRY MOP METHOD

- Use a dry mop to soak up spills or cover in sawdust or kitty litter and sweep.



### CHEMICAL DISPOSAL

- Practice proper disposal of chemicals and automotive fluids.



## WHAT IS STORMWATER?

When it rains, water runs off roofs, roadways, sidewalks and lawns picking up oil, metals, salts, pet waste, fertilizer, grass clippings and other materials. Stormwater runoff ultimately flows into storm drains, which lead directly to our local rivers and streams.

## HOW DO COMMERCIAL CAR WASHES CONTRIBUTE TO STORMWATER POLLUTION?

- Toxic chemicals such as hydrofluoric acid, phosphates from detergents, lubricants and oil.
- Debris and sediments washed from vehicles.
- Litter.

**BEST MANAGEMENT PRACTICES (BMP):** Behaviors and practices used by individuals to prevent or reduce stormwater pollution impacts.



### CHEMICAL USE



Take care not to overuse, or allow chemicals, lubricants and oils to spill out of containers.



### CONTROL LITTER



Pick up any litter in an around the car wash to keep it from entering storm drains and nearby waterways.



### ROUTINE MAINTENANCE



If your car wash has a grit trap, have it cleaned regularly with sludge properly handled and disposed of.



### EDUCATE STAFF



Check out EPA's safer choice guide for products <https://www.epa.gov/saferchoice/products>



### ECO FRIENDLY DETERGENT



Use biodegradable, phosphate free, fragrance free and dye free detergents.



### CHEMICAL DISPOSAL



Properly dispose of unused chemicals.

## WHAT IS STORMWATER?

When it rains, water runs off roofs, roadways, sidewalks and lawns picking up oil, metals, salts, pet waste, fertilizer, grass clippings and other materials. Stormwater runoff ultimately flows into storm drains, which lead directly to our local rivers and streams.

## HOW DOES LANDSCAPING & LAWN CARE CONTRIBUTE TO STORMWATER POLLUTION?

- Fertilizer and pesticide applications.
- Gas, oil, and lubricant leaks from lawn equipment.
- Excessive and or misdirected watering leading to surface runoff.

**BEST MANAGEMENT PRACTICES (BMP):** Behaviors and practices used by individuals to prevent or reduce stormwater pollution impacts.



### SAVE WATER



Be sure sprinklers are not watering the cement and are turned off during rain events.



### TEST



Always perform a soil test before fertilizer addition.



### MULCH



Mulch leaves and grass clippings into the lawn to add nutrients and control weeds.



### CLEAN UP



After fertilizer or pesticide application be sure to sweep any excess from sidewalks and driveways back onto the lawn, to keep chemicals out of storm drains.



### GO NATIVE



Establish a buffer zone along shorelines and streambanks using native vegetation.



### MAINTENANCE



Be sure lawn equipment is properly maintained, running efficiently and not leaking.



### MOW HIGH



Never cut more than 1/3 the height of grass. Leaving grass longer allows for strong root development and less room for weeds.



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# BEST MANAGEMENT PRACTICES FOR SCHOOLS

## WHAT IS STORMWATER POLLUTION?

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, grass clippings as it flows over roofs, roadways, sidewalks and lawns. Stormwater runoff ultimately flows into storm drains.

## HOW DO SCHOOLS CONTRIBUTE TO STORMWATER POLLUTION?

- Abundance of impervious surfaces
- Lawn care
- Litter
- Bus yards and maintenance garages

*Remember: storm drains lead directly to our local rivers and streams.*

**BEST MANAGEMENT PRACTICES (BMP):** Behaviors and practices used by individuals to prevent or reduce stormwater pollution impacts.



### GO GREEN

- When re-paving parking lots, incorporate green islands with native plants and trees.



### CLEAN UP

- Host clean up events with students, parents and teachers to pick up litter around the school.



### PLANT POWER

- Allow mowed areas to grow, and install native plants to support wildlife and improve filtration of stormwater.



### SLOW THE FLOW

- Direct downspouts to a raingarden or vegetated area to slow the flow of stormwater.



### EDUCATE

- Include stormwater education in the classroom. Students can install a raingarden, plant native plants, or participate in a clean up activity.



### SWEEP

- Sweep impervious surfaces like parking lots and garages to collect and dispose of salt and other debris.



### STORE

- Practice good housekeeping such as storing chemicals indoors in regulated containers, correct labeling, and keeping a spill kit on hand.



### CAPTURE

- Consider installing and maintaining catch basin filters.



## WHAT IS STORMWATER POLLUTION?

When it rains, water runs off roofs, roadways, sidewalks and lawns picking up oil, metals, salts, pet waste, fertilizer, grass clippings and other materials.

This stormwater runoff ultimately flows into storm drains, which lead directly to our local rivers and streams.

## HOW DO COMPOSTING FACILITIES CONTRIBUTE TO STORMWATER POLLUTION?

- **Sedimentation-** sediment particles and organic matter washed away from compost materials enter local water bodies, covering important aquatic habitat features and contributing to the loss of wetlands.
- **Pollutant Loading** – excess nutrients and chemical pollutants get carried to local waterways by stormwater, causing nutrient imbalance, eutrophication, and overall habitat degradation.

*Composting facilities can negatively impact local waterbodies and wildlife through excess sedimentation, excess nutrients, and chemical pollutants.*

*This publication provides composting facilities best management practices (BMPs) on how to manage these facilities responsibly, to mitigate the illicit impacts of stormwater runoff.*

WHAT?	HOW?	WHY?
<b>Site Configuration</b>	Aim to use natural slope of the land to separate stormwater and wastewater. Ensure slope still allows for plant growth to control sedimentation and stormwater runoff.	Strategic site configuration can limit the quantity of runoff carrying harmful pollutants into our waterways.
<b>Exposure Reduction</b>	Eliminate or minimize the amount of composting material exposed to precipitation. Roof structures are best, but tarps and canvas can act as a temporary solution.	Covering your compost materials from precipitation will reduce the amount of sediment, dissolved solids, nutrients, pathogens, and heavy metals washed into our stormwater system.
<b>Vegetative Cover</b>	Add native vegetation around your composting site.	Sediments, phosphorus, and other organic matter in stormwater can be reduced by adding native vegetation that slows water flow and promotes infiltration.
<b>Rainwater Capture System</b>	Add rain barrels or other rainwater harvesting system to roofed facilities to capture precipitation.	Capturing reduces the amount of stormwater runoff and provides facilities with a useable source of water for moisture control, dust control, or any other facility need.
<b>Rain Garden</b>	A shallow plot in the landscape filled with soil or mulch and various types of wetland-friendly native plants.	Rain gardens capture, hold, and filter contaminated stormwater runoff. Water that enters the rain garden is slowly filtered by the native vegetation to reduce the amount of suspended solids, excess nutrients, heavy metals, and other pollutants entering our waterways. Rain gardens can also enhance the habitat and aesthetic qualities of your landscape.

**For more information visit [www.crowc.org](http://www.crowc.org)**



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# BMPs FOR HOMEOWNER ASSOCIATIONS (HOAs)

## WHAT IS STORMWATER?

When it rains, water runs off roofs, roadways, sidewalks and lawns picking up oil, metals, salts, pet waste, fertilizer, grass clippings and other materials. Stormwater runoff ultimately flows into storm drains, which lead directly to our local rivers and streams.

## HOW DO HOAs CONTRIBUTE TO STORMWATER POLLUTION?

- Improper management of retention & detention ponds
- Unintentional spread of invasive species
- Excess use of fertilizers, pesticides, herbicides, and road salt

*Homeowner Associations often inherit the responsibility of operating and maintaining stormwater infrastructure, such as detention basins, bioswales, and rain gardens. They also manage large areas of impervious surfaces. Limited knowledge of best management practices (BMPs) can lead these structures to fail in their purpose of managing stormwater. This publication is intended to provide HOAs with environmentally friendly solutions to mitigate stormwater pollution and increase the efficiency of their stormwater management tools.*

### MANAGEMENT TOOL

### COMMON ISSUE

### BEST MANAGEMENT PRACTICE

STORMWATER RETENTION POND



*Eutrophication, or excessive algae growth.*

Caused by excess nutrients (nitrogen and phosphorus) in fertilizer. Be sure to apply fertilizer in accordance with the label, and use low-phosphorus and slow-release fertilizers. Avoid the use of pesticides, herbicides, or fertilizers altogether, if possible.



*Sedimentation, or the buildup of sediment in the pond or inlets and outlets.*

Regularly inspect inlet pipes for sediment accumulation. If the sediment is blocking water flow, remove this sediment. Be sure to follow local and state regulations regarding dredging and sediment removal.



*Invasive species like phragmites and reed canary grass can fill in a pond and lead to clogged inlets and outlets, flooding, sedimentation, and visibility issues.*

Selectively remove invasive species such as phragmites and purple loosestrife. Reestablish this area with native vegetation. High plant diversity around your basin will improve wildlife habitat and reduce the risk of harmful algal blooms.



*Excess road salt in stormwater runoff causes water quality issues and affects aquatic flora and fauna.*

Avoid using road salt or use it sparingly. Store road salt on a flat, impervious surface and under a roof to avoid contributing to stormwater pollution.



*Poor dumpster management leads to litter in stormwater runoff.*

Be sure that dumpsters are emptied when full and the lids always remain closed. A “no-mow” zone or rain garden around stormwater systems can catch litter before it makes its way into our rivers.



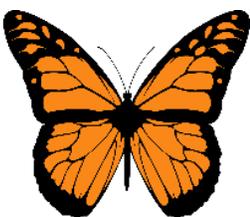
*Improper disposal of pet waste can lead to bacterial contamination in local streams and lakes.*

Be sure to educate homeowners on the dangers of pet waste in our waters and encourage them to pick up after their pets. Supplying waste bags and trash cans in communal areas can help ensure the proper disposal of pet waste.



*Excess grass clippings and other compostable waste can be a source of excess nutrients in our waters, leading to algae growth and eutrophication.*

Educate homeowners on the proper disposal of compostable waste. Grass clippings and leaves should never be left on the sidewalk or in the street where they can easily wash into storm drains.



*Communities often lack ample native wildlife habitat and are commonly overrun with harmful invasive species.*

Rain gardens and native vegetation are excellent ways to boost wildlife habitat, increase aesthetically pleasing landscape, and curb the effects of stormwater runoff. Other ways you can increase the natural benefits in your community include implementing bird nesting boxes and native fish stockings.



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## MACHINE SHOP BEST MANAGEMENT PRACTICES (BMP'S)

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, and grass clippings as it flows over roofs, roadways, sidewalks and lawns.

Stormwater runoff ultimately flows into storm drains.

**Remember: storm drains lead directly to our local rivers and streams.**

### HOW DO MACHINE SHOPS CONTRIBUTE TO STORMWATER POLLUTION?

- Through improper storage of chemicals, paints, metals, and other substances (this can include storage on porous pavement, storage containers that aren't double walled, leaky containers, or a lack of secondary containment such as dykes or berms).
- Improper disposal of products from equipment maintenance, such as cleaning solvents, oil, grease, and fuel.
- Improper disposal of swarf (chips/turnings/filings/shavings) that results from subtractive manufacturing.
- An insufficient spill response plan, or improper hazardous spill management.

#### BEST MANAGEMENT PRACTICES (BMP):

Behaviors and practices used by individuals and businesses to prevent or reduce stormwater pollution impacts.



- Sweep fabrication areas regularly to avoid heavy accumulation of swarf and use dry clean up methods instead of washing areas down.



- Place batteries, hazardous materials, and waste in secondary containers to avoid spills.



- Write a spill response plan and train employees annually.
- Have readily available spill kits, which can prevent a spill from entering storm drains.



- Store metal parts and equipment indoors where not exposed to precipitation. If something must be stored outside, apply a temporary cover such as a tarp or canvas.



- Frequently check all containers for leaks, or potential holes.



- Consistently train employees on good housekeeping and proper hazardous material management techniques.



- Never dump anything other than clean water directly into a storm drain!

VISIT US AT [CRWC.ORG](http://CRWC.ORG)



@CLINTONRIVERWATERSHED



CLINTON RIVER WATERSHED COUNCIL



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

*This project has been funded wholly or in part through Michigan Department of Environment, Great Lakes, and Energy's Nonpoint Source Program using Watershed Council Support funds.*

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, and grass clippings as it flows over roofs, roadways, sidewalks and lawns.

Stormwater runoff ultimately flows into storm drains.

**Remember: storm drains lead directly to our local rivers and streams.**

Scraping facilities and automobile salvage yards play an important part in recycling used materials to make our systems more environmentally efficient. They often deal with a variety of hazardous pollutants that can end up in our stormwater if not effectively managed. This publication is intended to provide environmentally friendly solutions to help curb the effects of stormwater pollution in our waterways.

## HOW DO ACTIVITIES AT SCRAP METAL AND AUTO SALVAGE YARD FACILITIES CONTRIBUTE TO STORMWATER POLLUTION?

- Improper outdoor storage of vehicles, and parts with leaking engines, chipping paint, leaking hydraulic fluids, or bad batteries
- Improper disposal of filters, rags, and fluids associated with vehicle and equipment maintenance
- Improper disposal of washing, and steam cleaning wastewater from vehicle, equipment, and parts washing
- Spills and overfills of waste fluid due to operator error

### BEST MANAGEMENT PRACTICES (BMP):

Behaviors and practices used by individuals to prevent or reduce stormwater pollution impacts.



Store cars, car parts and other items inside and out of the rain. This will help to keep pollutants out of storm drains. Tarps and canvas can act as temporary covers for materials being stored outside.



Store lead parts and batteries in a secondary, leakproof container.



Designate an area for equipment maintenance and cleaning. Use minimal cleaners and solvents. Never dump used cleaning water down storm drains. Use a utility sink that is connected to a sanitary sewer.



Use catch sleds, drip pans, or large plastic sheets to catch leaking fluids for proper disposal.



Safely remove pollutant sources (batteries, oil filters, fuel, mercury switches) as soon as possible when a vehicle enters the facility.



Practice good housekeeping, such as keeping updated logbooks, regular facility inspections, and employee training on best management practices.



## **APPENDIX E**

*Event Guides*

### **Contents**

River Day

Clinton Cleanup



# ANNUAL RIVER DAY EVENT GUIDE



**Thank You to Our 2020 River Day Sponsors!**



**COVID-19 disclaimer:** Due to the impact the Coronavirus has had on the community, some events may be cancelled or postponed.

Please check the event website or contact the event coordinator listed for confirmation.

**VIRTUAL RIVER DAY CELEBRATION : June 1st, 12:00pm-2:00pm**  
**Burgess-Shadbush Nature Center, 4101 River Bends Dr., Shelby Twp.**

The Burgess-Shadbush Nature Center in Shelby Township, MI will be hosting some VIRTUAL content in place of their annual River Day Event this year. We encourage patrons to visit their Facebook Page by searching @burgessshadbushnaturecenter in order to access all of the virtual programming that is available. Celebrate the Clinton River and learn what makes the river vital to us as part of the Clinton River watershed. Follow us as we walk along the river to observe plants and animals and discover ways that you can make a difference in the health of the Clinton River.

**INTRODUCTION TO CANOEING/KAYAKING DOWN**

**THE CLINTON RIVER:** Postponed until August, Date TBD  
**Sterling Heights Nature Center, 42700 Utica Rd, Sterling Heights**

Have you always wanted to learn about canoeing down the Clinton River? Before you go on the river this course will teach you basics of canoeing, equipment use, paddle skills and water safety. We will walk to the universal launch dock in North Clinton River Park to show you how to properly enter and exit the river. This course is recommended for all adventure seekers ages 10+. Fee: \$5 Resident of Sterling Heights/ \$7.50 Non-resident. Registration required [www.myshpr.net](http://www.myshpr.net) to register, use reference # 7002.039

**FISHING DERBY:** Postponed until Fall, Date TBD

**Civic Center Pond, 40700 Romeo Plank Rd, Clinton Township**

If your child loves to fish, they cannot miss this event! We invite them to try to catch that big old elusive catfish or pile up the inches with a variety of pan fish! This event is celebrating the Clinton River Watershed River Day and is a catch and release format. The contest is based on total inches caught and children do not need a fishing license to participate. Parents are welcome to assist, but children must reel in the fish. Prizes will be awarded with everyone eligible for door prizes. Pre-registration required. <https://register.clintontownship.com/ViewCourseActivityDetails.aspx?id=C1341>

## 2020 River Day Logo Contest Winner!

### CRWC Would Like to Congratulate Adam Awdish!

Here is what Adam had to say about his design: "I'm a painter and illustrator that loves the outdoors, and much of my projects are related to nature in some way. Growing up my dad was really into fishing, as were my grandparents, and we spent many summer weekends on boats or at ponds catching fish and enjoying great weather and company. Much of my family lives in and around the watershed, so it felt like we were always exploring a new and exciting lake, river, or stream and taking in the beauty of everything. These childhood memories, and reflecting upon some of the wonderful species of fish we can find around Michigan, are what inspired my design for this year's contest".



Thank you to Earth 2 Earth Screen Printing & Embroidery for printing our River Day T-shirts.

**NATIVE PLANT SALE: ONLINE ONLY : June 13th, 9:00am-1:00pm**

**Pickup on June 13 // CRWC Office, 1115 W. Avon Road, Rochester Hills**

Why Native Plants? Native plants improve water and air quality, reduce soil and wind erosion, provide habitat and food sources for pollinators and wildlife, and not to mention, they are beautiful! Visit [CRWC.org/events/community/river-day](http://CRWC.org/events/community/river-day) to purchase your native plants online!

**LAKE 16 CLEAN UP WITH SLOW ROW LO:**

June 14th, 12:00pm - 3:00pm

**Lake Sixteen Boat Launch 1502-2102 Joslyn Rd, Orion Charter**

Join the Freshwater Forum and Slow Row LO for a cleanup along the shore of Lake Sixteen in Orion township. Participants are asked to meet at the public boat launch off Joslyn Rd. Each participant is required to have an Oakland County Parks Pass and must also provide their own craft (kayak or SUP) and personal flotation device. For questions contact Michele Arquette-Palermo Head of the Freshwater Forum at Cranbrook Institute of Science [Marquette-Palermo@cranbrook.edu](mailto:Marquette-Palermo@cranbrook.edu). No registration required.

**NEW HAVEN RIVER DAY 2020: June 13th, 10:00am-3:00pm**

**Village of New Haven Municipal Offices 57775 Main Street, New Haven**

We will be doing general clean-up of our Village Offices, North East corner of New Haven Rd. and Gratiot (Village sign area), Clark St. (New Haven Admin Bldg.) and the Little League Fields (behind Clark St.) We also anticipate potential waterway clean-up near the Shook Drain area. Pizza luncheon at Community Park for all volunteers afterwards. Registration required. Please email New Haven Parks and Recreation Chair: Tara Walsh at [pr@villageofnewhaven-mi.gov](mailto:pr@villageofnewhaven-mi.gov) Attn: River Days Registration

**OAKLAND TWP.- MICHIGAN'S FREE FISHING WEEKEND:**

June 13th, 9:00am-10:00am

**Draper Twin Lake Park, 1015 Inwood Road, Rochester**

Fishing is part of Michigan's Heritage. Fishing is also a relaxing pastime and a great way to spend time with your family. There is no room for cell phones, texting or TV on the dock. This program is your chance to try out fishing. We will learn about the types of baits and lures to use, the types of fish you may encounter in township parks and some tips in nearby "fishing holes". We provide everything, so no need to remember your poles or bait! All fishing license fees are waived, register early as we fill up quickly! NO Drop-in's. Must register for sessions. Please only register for one session to give other families a chance to fish too! Saturday Register Here: <https://oaklandtownship.recdesk.com/Community/Program/Detail?programId=109>

**GO FISH!: June 14th, 11:00am-1:00pm**

**Marshbank Park 2805 Hiller Rd, West Bloomfield Township**

Twice a year, the Michigan DNR waives all fishing license fees and West Bloomfield Parks is coordinating the perfect way to celebrate. Join us at the fishing pier located inside Marshbank Park on Cass Lake for the opportunity to share this great outdoor pastime with your family. Never been fishing before? No problem! We will have staff on hand with a limited number of fishing poles provided for hands-on instruction to get you and your child started. Play fishing games or win a fishing pole if you catch the smallest or the largest fish of the night. Lunch (provided by Buffalo Wild Wings) will be served at the Maple Ridge Shelter near the pier. This program will be a catch and release of all fish, so bring your camera to document your successes! Registration is required and no on-site registration will be offered. Fees are \$9 per resident and \$12 per nonresident.





# ANNUAL RIVER DAY EVENT GUIDE



***Thank You to Our Event Sponsors!***



**COVID-19 DISCLAIMER: DUE TO THE IMPACT THE CORONAVIRUS HAS HAD ON THE COMMUNITY, SOME EVENTS MAY BE CANCELLED OR POSTPONED. PLEASE CHECK THE EVENT WEBSITE OR CONTACT THE EVENT COORDINATOR LISTED FOR CONFIRMATION.**

**ADVANCING MACOMB CLEANUP:** *June 4th, 1:00pm-3:00pm*  
**Shadyside Park: 155 Shadyside Dr., Mt. Clemens**

Join Advancing Macomb, the Clinton River Watershed Council, and local volunteers as we work to pick up litter in Shadyside Park and the Clinton River. All safety and cleanup equipment will be provided. Volunteers will meet at the park at 1:00pm and should be comfortable walking and bending on uneven terrain. A limited amount of kayaks may be available for in stream cleanup. Free T-shirts and snacks will be provided for volunteers. This event is sponsored in part by Consumers Energy.

**PADDLEPALOOZA:** *June 5th, 7:00am-12:30pm*  
**Riverside Park: 3311 Squirrel Ct., Auburn Hills 48326**

Co-sponsored by the City of Auburn Hills and the City of Rochester Hills. The event will take place on an 8-mile stretch of the Clinton River, beginning at Riverside Park in downtown Auburn Hills and ending at the Rivercrest Banquet Center at Avon & Livernois. Event includes a race for seasoned paddlers (canoe and kayak) or a shorter, adventure paddle for individuals to paddle the river... both options include fun on the water, great scenery, wildlife and lots of fresh air! Please note this event is not recommended for the beginner paddler - At certain times of the year this river can be considered difficult (Class III rating). Pre-registration is required. Find event information here: <http://auburnhills.org/community/downtown/paddlepalooza/index.php>. Check in begins at 7:00am. Rain date June 19th, 2021. Event sponsors and partners include: Genysis Credit Union, Yates Cider Mill, Rochester University, River Crest Banquet Facility, Fresh Thyme Market, Summit Sports, Bass Pro Shops, Moosejaw, Clinton River Canoe and Kayak, Rivercrest Orthodontics, CRWC, High Tech Mold and Engineering and Simple Adventures Watersports.

**TRASH RUN:** *June 11th, 9:00am-1:00pm*  
**Location To Be Determined**

Join CRWC and Clinton River Canoe & Kayak for a paddle down the Clinton while we pick up trash! Trash runs are intended for individuals 14 years of age and older, and registration is required. <https://forms.gle/a4YwYTVZekNnoNqq5>

**CRWC & PLANTS FOR ECOLOGY ANNUAL NATIVE PLANT SALE:**  
*June 12th 9:00am - 1:00pm*

**CRWC Office, Rochester Hills: 1115 W. Avon Rd., Rochester Hills, 48309**  
Why Native Plants? Native plants improve water and air quality, reduce soil and wind erosion, provide habitat and food sources for pollinators and wildlife, and not to mention, they are beautiful! Pre-order sale only, June 6-10. June 12 is pick up day with no plants available for sale on the day of pick up. Order online at <https://www.plantsforecology.com/>

**VIRTUAL ART FISH FUN FESTIVAL:** *June 12th 10:00am-1:00pm*  
**Beaudette Park: 786 Orchard Lake Rd., Pontiac, 48341**

Join the Oakland County Water Resources Commissioner's Office, The Art Experience, and the City of Pontiac for the first ever VIRTUAL ART FISH FUN FESTIVAL. This year's event will take place on River Day, Saturday, June 12, and will kick off with a park cleanup at 10am at Beaudette Park in Pontiac. Volunteers are needed for the cleanup, supplies and light breakfast snacks will be provided. Following the cleanup, at 1pm, there will be an online Arts and Crafts demonstration for kids and young adults to learn how to "create a fish" using supplies provided earlier in the week in a FREE environmental crafts kit. Craft kits will include supplies to follow along with the online demonstration to create a fish + coloring books, crayons, paint, and much more. **100 free kits are available for pickup at the following times and locations:**

*Saturday, June 5, 11am-3pm at the Beaudette Park Pavilion,  
786 Orchard Lake Rd., Pontiac*

*Tuesday, June 8, 12:30-4:30pm at The Art Experience,  
175 S. Saginaw St., Pontiac*

*Thursday, June 10, 11am-5pm at the Pontiac Public Library,  
60 E Pike St., Pontiac*

For more information or to request a kit pickup for another time visit [www.artfishfunfestival.com](http://www.artfishfunfestival.com) or email [taubea@oakgov.com](mailto:taubea@oakgov.com)

**RIVER DAY CELEBRATION:** *June 12th, 11:00am -2:00pm*

**Burgess-Shadbush Nature Center, 4101 River Bends Dr, Shelby Twp, MI 48317.**  
Come join us as we celebrate the Clinton River and what makes the river so important to us as a member of the Clinton River Watershed! We will walk along the river to see what kinds of plants and animals we can observe and learn about how everyone can make a difference to the health of the Clinton River. Registration required. Event will take place rain or shine. Register online or call 586-323-2478 <https://www.shelbytwp.org/government/departments/parks-and-recreation/burgess-shadbush-nature-center/-curm-6/-cury-2021>

**BIRDS AND BAGELS ALONG THE CLINTON RIVER:**

*June 12th, 9:00am-10:30am*

**Sterling Heights Nature Center: 42700 Utica Rd, Sterling Heights, MI 48314**

The Clinton River Corridor is one of those birding hotspots you may want to check out. Beginner and experienced birders please join us on this morning's walk. As we welcome back our colorful warblers and see other migrant songbirds on their move through Sterling Heights before ending up on their nesting grounds. The walk will start at the Sterling Heights Nature Center. Please bring binoculars and be prepared to walk just over one mile on unpaved and paved trail along the Clinton River. Event is in partnership with Wild Birds Unlimited. Preregistration is required by June 9. The fee is \$3 Resident and \$4.50 Non-resident. Register on our website [www.myshpr.net](http://www.myshpr.net) Reference # 7002.030 Check emails for event updates if cancelled due to CDC guidelines or bad weather.

**18TH ANNUAL FISHING DERBY:** *June 12th, 7:30am-10:30am*

**Riverside Park: 3311 Squirrel Ct, Auburn Hills, MI 48326**

Join the City of Auburn Hills, Bass Pro Shops, Trout Unlimited & Detroit Area Steelheaders for the 18th Annual Fishing Derby. Kids 16 and under fish for rainbow trout. All anglers must bring their own equipment - NO fly rods, NO treble hooks or multi hooks. Catch and release only. For more information, contact Shawn Keenan at 248-364-6926 or [skeenan@auburnhills.org](mailto:skeenan@auburnhills.org) or check the City of Auburn Hills website at [www.auburnhills.org](http://www.auburnhills.org). Pre-registration required online at [www.auburnhills.org](http://www.auburnhills.org). Event sponsors and partners include: Bass Pro Shop, Trout Unlimited, Detroit Area Steelheaders.

**FISHING DERBY:** *June 12th, 6:00pm-7:30pm*

**Civic Center Pond: 40700 Romeo Plank Rd, Clinton Township, MI 48038**

If your child loves to fish, they cannot miss this event! We invite them to try to catch that big old elusive catfish or pile up the inches with a variety of pan fish! This event is celebrating the Clinton River Watershed and River Day and is a catch and release format. The contest is based on total inches caught and children do not need a fishing license to participate. Parents are welcome to assist, but children must reel in the fish. Prizes will be awarded with everyone eligible for door prizes. Pre-registration required. [www.clintontownship.com/recreation](http://www.clintontownship.com/recreation)

**SLOW ROW LO ANNUAL LAKE SIXTEEN CLEAN UP:**

*June 13th, 12:00pm-2:00pm*

**Lake Sixteen Boat Launch 1502-2102 Joslyn Rd, Orion Charter Township, MI 48360**

Join Slow Row LO and the Freshwater Forum for our annual shoreline clean up. This cleanup is done via kayak or canoe. We paddle the perimeter of the lake and retrieve lost dog toys and other debris. Please meet at the public boat launch on Joslyn south of Clarkston Rd. <https://goo.gl/maps/7ngCw9DznwB3QETq9> Each Participant is required to pay Oakland County Parks user fee. Participants must also provide own craft and PFD. If you have questions, please email [marquette-palermo@cranbrook.edu](mailto:marquette-palermo@cranbrook.edu) or look up Slow Row LO on Facebook. We will paddle in most weather conditions. Event will be cancelled due to high winds or lightning. Check SLOW ROW LO on Facebook for cancellation due to extreme weather. No registration required.

**NEW HAVEN RIVER DAYS 2021:** *June 12th, 10:00am-1:00pm*

**Village of New Haven Municipal Offices: 57775 Main Street, New Haven, 48048**

New Haven Parks and Rec along with New Haven Little League and Haven Place will be doing a general clean-up of the Village Offices, North East corner of New Haven Rd. and Gratiot (Village sign area), Clark St. (New Haven Admin Bldg.) and the Little League Fields (behind Clark St.) We also anticipate potential waterway clean-up near the Shook Drain area. Snacks as well as refreshments will be provided at Community Park (on Havenridge Rd) for all volunteers afterwards. Registration required. A link will be posted on the Village of New Haven's Facebook page as well as a sign-up sheet available at the Village Hall. Check the website, or Facebook for event updates postponements, or cancellations.



**FLY CASTING BASICS:** June 13th, 9:00am-12:00pm  
**Riverside Park, 3311 Squirrel Ct, Auburn Hills, MI 48326**

CRWC is excited to offer a Fly-Casting Workshop through the Clinton River Coldwater Conservation Project and (CRCCP) and in partnership with the City of Auburn Hills, where you can learn from the pros on how to cast a fly rod and then test your new skills right there on the Clinton River. All are welcome, whether you are just starting out or need to fine tune your rusty fly-casting abilities. There will also be tables set up for families to learn more about native fish, macroinvertebrates, and mussels that inhabit our river systems. This coincides with the DNR free fishing weekend. Registration is required to choose your time slot and rods are limited. Feel free to bring your own equipment but CRWC will have extra rods for those just beginning. Registration required check <https://www.crowc.org/events>

**OTHER EVENTS DURING JUNE** //////////////////////////////////////

**STURGEON FESTIVAL:** June 5th  
**Fort Gratiot Light Station Park, 2800 Omar Street, Port Huron, 48060**

Since its inception in 2012, Sturgeon Festival has been highlighting the fascinating story of this symbol for the Great Lakes recovery. Lake Sturgeon are phenomenal to see up close because they reach enormous size - weighing up to 150 pounds, growing over 7 feet, and living over 100 years. The St. Clair River supports the largest remaining population of threatened lake sturgeon.

Lake sturgeon populations have declined since the early 1900's, and as a result were added to the Threatened Species list in Michigan. In recent years, the lake sturgeon has made something of a comeback due to completion of numerous spawning reefs in the St. Clair River. Sturgeon can be used as a spotlight species to gauge the health of the river, and with sturgeon numbers slowly on the rise we are assured that the health of the St. Clair River is also improving. A sustainable fish population and healthy river is not only important for our health, but for increased recreation and tourism for Michigan's Thumb Coast. For more info: <https://www.facebook.com/Blue-Water-Sturgeon-Festival-435516863198730/>  
<https://www.scriber.org/our-programs/sturgeon-festival/>

**POND DIPPING:** June 5th, 11:00am-12:00pm  
**Indian Springs Metropark, Park Office Picnic Shelter, 5200 Indian Trail, White Lake, 48386**

What lives beneath the surface of the pond? We'll use dip nets and some tubs to carefully catch and release some of the smallest pond creatures and see what they can tell us about how healthy the pond is. Expect to walk approximately ½ mile on gravel and dirt trails. The program will take place on a boardwalk. Dress for the weather, rain or shine, as this program will be all outdoors. Social distancing and face coverings are required. Ages 5 and up. Cost: \$3 per child, \$5 per adult. Pre-registration is required. Pre-register online <https://www.metroparks.com/event/pond-dipping/2021-06-05/> or by calling (248) 625-7280.

**HOMESCHOOL PROGRAM REPTILES & AMPHIBIANS:**  
June 10th, 10:30am-12:00pm

**Red Oaks Nature Center, 30300 Hales Street Madison Heights, MI 48071**  
See snakes, salamanders, and sliders up close. Meet our resident reptiles and at-home amphibians before searching for their wild relatives. Each homeschool program is adapted for ages 5-9 and ages 10-17. Pre-registration is required; call 248-858-0916 on weekdays during regular business hours; no on-site registration will be available. Sessions are designed as drop-off programs for youth. Sessions run 10:30 a.m.-12:30 p.m. All students are welcome, whether from a traditional homeschool, pod or virtual learning setting. A release form must be completed with registration. Cost: \$10/session. Programs may take place outdoors - under a tent or on a trail. A water bottle and outdoor dress are recommended. Masks are encouraged for all trail programs and required for programs conducted under the tent. Masks are available on site if participants do not have their own. Staff will wear masks. Screening questions and touchless temperature checks are required upon arrival. Check in at the white tent near the nature center. In case of inclement weather, programs will be cancelled. Please be patient as COVID-19 guidelines and protocols are subject to change. <https://www.oakgov.com/parks/Pages/events.aspx>

**HOMESCHOOL PROGRAM REPTILES & AMPHIBIANS:**  
June 15th, 10:30am-12:00pm

**Wint Nature Center, 9501 Sashabaw Road, Clarkston, MI 48348**  
See snakes, salamanders, and sliders up close. Meet our resident reptiles and at-home amphibians before searching for their wild relatives. Each homeschool program is adapted for ages 5-9 and ages 10-17. Pre-registration is required; call 248-858-0916 on weekdays during regular

business hours; no on-site registration will be available. Sessions are designed as drop-off programs for youth. Sessions run 10:30 a.m.-12:30 p.m. All students are welcome, whether from a traditional homeschool, pod or virtual learning setting. A release form must be completed with registration. Cost: \$10/session. Programs may take place outdoors - under a tent or on a trail. A water bottle and outdoor dress are recommended. Masks are encouraged for all trail programs and required for programs conducted under the tent. Masks are available on site if participants do not have their own. Staff will wear masks. Screening questions and touchless temperature checks are required upon arrival. Check in at the white tent near the nature center. In case of inclement weather, programs will be cancelled. Please be patient as COVID-19 guidelines and protocols are subject to change. <https://www.oakgov.com/parks/Pages/events.aspx>

**BELLOWING BULLFROGS:** June 19th, 1:00pm-2:30pm  
**Lake St. Clair Metropark, Nature Center, 31300 Metro Parkway, Harrison Twp., 40845**

During the month of June our ponds and canals are filled with the sounds of bellowing bullfrogs. Join us as we explore the nature trails in search of our largest Michigan frog singing in the marsh. We'll also be on the lookout for other frog species that call our park home. Afterwards take home a kit to make your very own frog caller! Fun for all ages! Cost: \$3 per child, \$5 per adult, children under 2 Free! Pre-registration is required by June 19 at 10 a.m. Pre-register by calling 586-463-4332 ext.2.

**OSPREY HIKE:** June 19th  
**Stony Creek Metropark, Inwood Trail Parking Lot, Inwood Rd. Washington, 48095**

Did you know that Ospreys suffered the same fate of Eagles and other birds of prey because of DDT use in the 1960's and early 1970's? Learn about the re-introduction of Ospreys to Stony Creek and other Metroparks beginning in 1999. From Kensington to Stony Creek Metroparks these birds have made a tremendous comeback as impressive as the Eagles. Learn why they are called fish-hawks, who are well adapted to living with people. We will take a hike to see if we can view these amazing birds. Ages 7 and up. Cost: \$5 per person. Pre-registration is required by June 18 by 4 p.m. Pre-register by calling (586) 781-9113.

**56TH ANNUAL BAY-RAMA FISHFLY FESTIVAL:** June 23rd-27th  
**Walter and Mary Burke Park, 36300 Front St, New Baltimore, MI 48047**

\*Activities or events may be modified depending on COVID-19 health and safety restrictions in place at the time.\* Bay-Rama Fishfly Festival In downtown New Baltimore, admission is FREE and it's the world's one and only FISHFLY FESTIVAL! Carnival midway opens at 3:00PM daily and Noon on Sat. and Sun. The Fishfly Festival features daily games for the whole family (i.e. Pie eating, Watermelon eating, Ping pong ball drop). Live music on stage nightly in the Festival Beverage tent, Daily talent shows on stage in the headquarters tent and much more fun. Wednesday, Miss Bay-Rama Queen's Pageant; Thursday, FIREWORKS over Lake St. Clair; Saturday, KIDS DAY (NOON - 2PM), Family Cardboard Boat Regatta on Lake St. Clair; Sunday FISHFLY FESTIVAL PARADE DAY <https://www.bay-rama.com/>

**FISH PASSAGE 2021:** June 21st, 6:00pm-8:30pm // Webinar

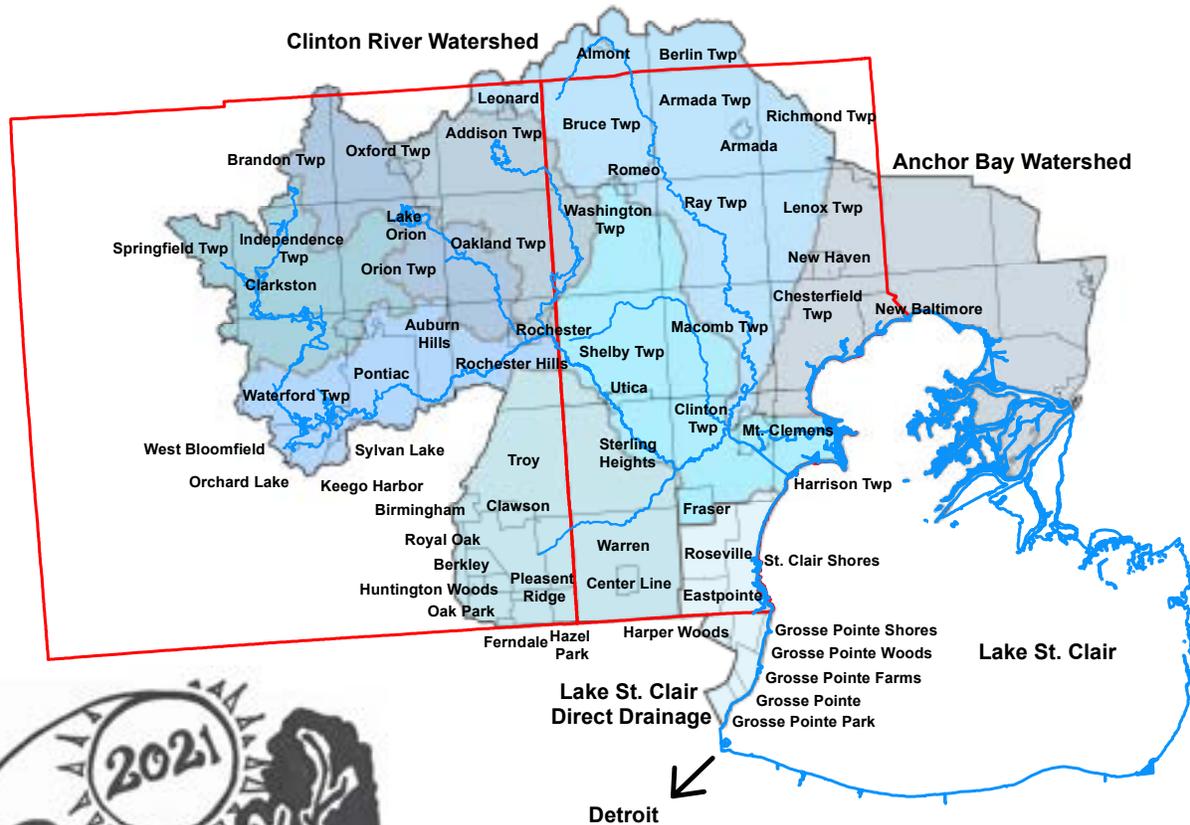
Join us for the Annual Fish Passage Conference from June 21-24! The theme of this year's four-day international webinar is Global Solutions for River Connectivity Issues. Learn from and connect with leading experts in the field, managers, stakeholders and companies from around the world to discuss fish passage engineering and research, dam removal, mapping migratory routes of fish, legislation and much more. This webinar aims to showcase cutting edge research, celebrate successful projects, discuss challenges and promote networking and knowledge exchange between various sectors. Now is the time to come together as a community to focus on the future of river connectivity. We hope to leave you with a renewed sense of what's possible for the world's freshwater ecosystems! Register here: [https://www.eventbrite.com/e/fish-passage-2021-tickets-148714040699?aff=ebdssbnonline&keep\\_tld=1](https://www.eventbrite.com/e/fish-passage-2021-tickets-148714040699?aff=ebdssbnonline&keep_tld=1)

**MY FIRSH FISH! OR MY BIG FISH! MICHIGAN DNR:**

Celebrate the catching of a child's first fish or a big fish with these printable certificates: My First Fish: [https://www.michigan.gov/documents/dnr/First\\_fish\\_certificate\\_687400\\_7.pdf](https://www.michigan.gov/documents/dnr/First_fish_certificate_687400_7.pdf)  
[https://www.michigan.gov/documents/dnr/First\\_fish\\_certificate\\_photo\\_687402\\_7.pdf](https://www.michigan.gov/documents/dnr/First_fish_certificate_photo_687402_7.pdf)  
My Big Fish: [https://www.michigan.gov/documents/dnr/BIG\\_fish\\_certificate\\_701838\\_7.pdf](https://www.michigan.gov/documents/dnr/BIG_fish_certificate_701838_7.pdf)  
[https://www.michigan.gov/documents/dnr/BIG\\_fish\\_certificate\\_photo\\_701840\\_7.pdf](https://www.michigan.gov/documents/dnr/BIG_fish_certificate_photo_701840_7.pdf)



# THE CLINTON RIVER WATERSHED



## 2021 River Day Logo Contest Winner!

**CRWC Would Like to Congratulate Linda VanFleteren!**

Here is what Linda had to say about her design:

*"I have been a resident of Macomb and Oakland Counties for a combined total of 57 years and have enjoyed all the beauty and activities the Clinton River and Lake St. Clair have to offer. Our family has participated in several of the Rochester Recreation Center Outdoor Programs including night hikes, we kayak the river to Yates Cider Mill, and walk the Clinton River Trail almost daily. My first grandchild was born this March and by supporting the watershed projects it will ensure she will be able to enjoy the river, lake and wildlife they sustain for many years!"*

Visit us at [CRWC.org](http://CRWC.org)

📍 1115 W Avon Road / Rochester Hills  
 ☎ 248-601-0606 📠 FAX: 248-601-1280

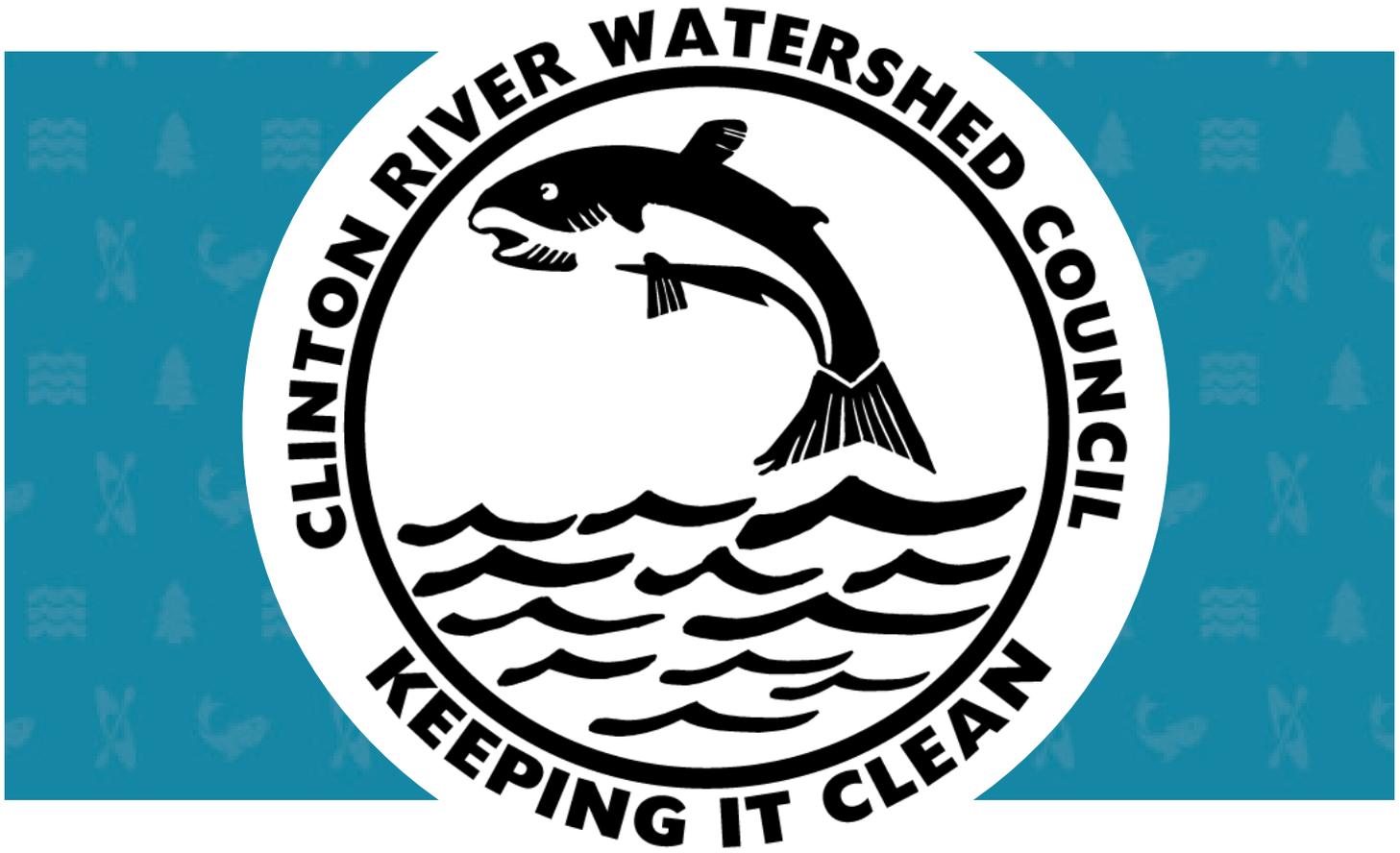
📘 Clinton River Watershed Council  
 📷 @ClintonRiverWatershed

**The Mission of the Clinton River Watershed Council (CRWC) is to protect, enhance and celebrate the Clinton River, its watershed and Lake St. Clair.**





# 19<sup>TH</sup> ANNUAL CLINTON CLEANUP EVENT GUIDE



*Thank You to Our Event Sponsors!*



**TRASH RUN IN STERLING HEIGHTS:**

September 11, 9:00am-1:00pm  
Sterling Heights

Join the CRWC and Clinton River Canoe and Kayak (CRCK) for a trash run of the Clinton River! Volunteers will work in groups of two in canoes paddling down the Clinton River and picking up trash along the way. Wear comfortable clothes, sunscreen, and bug spray. Bring plenty of water and a snack.

Please be advised that depending on water levels and recent rain events, the water can move quickly in some areas and be difficult for a beginner to navigate. This stretch of the river is recommended for individuals with paddling experience and not for anyone under the age of 14. Canoes will be provided by CRCK. Exact paddling route will be determined week of, but will start in the Sterling Heights vicinity. Registration is REQUIRED to reserve a canoe and receive meeting location. To register email contact@crwc.org

**CLEANUP AT HAWTHORNE PARK:**

September 18, 1:00pm-3:00pm  
Hawthorne Park, Pontiac (1400 Telegraph Rd. Pontiac)

Join Oakland County Water Resources Commissioner's office staff, Reroot Pontiac, and community members to clean up Hawthorne Park. Volunteers will receive a free T-shirt, and the challenge of filling up an ENTIRE 3 cubic yard Bagster with collected refuse. For more information or questions regarding the clean up contact Alyssa Taube at taubea@oakgov.com

**SIERRA CLUB ROCHESTER ECOS CLEANUP:**

September 19, 10:00am-12:00pm  
NW corner of Giddings and Perry Road. (W of 1-75, S of Walton)

Join the Sierra Club Rochester ECOS as volunteers clean up the river and surrounding land in Pontiac. Meet at the AutoZone parking lot off Perry Street. The Sierra Club Rochester's cleaning events from previous years have had a significant and positive impact on the health of the Clinton River. For more information about this clean up contact Italia Millan at rochesterecos@gmail.com

**CITY OF ROCHESTER CLEANUP:**

September 19, 9:00am-11:30am  
Riverwalk & Clinton River Trail

Trash and debris pickup at the Riverwalk and Clinton River Trail. We will meet at the Diversion Street Parking Lot, under Main Street Bridge, just south of the 345 Diversion building. Please wear a face mask & sanitize your hands prior to arrival. Please bring gloves. Bags will be provided. Pizza served at 11:30.

**PADDLE CLEANUP IN CLINTON TWP:**

September 19, 9:00am-12:00pm  
Budd Park, Clinton Township (19000 Clinton Township Road)

Join Clinton Township, CRWC, Clinton Township Conservation Committee and Simple Adventures to clean up the Clinton River and surrounding areas from Budd Park to Canal Park in Clinton Township. A variety of volunteers will be needed, some who want to paddle from Budd Park to Canal Park picking up debris along the way, and some who want to walk along the shoreline trail collecting trash from Budd Park to Canal Park. Kayaks and canoes will be provided by Simple Adventures and lunch will be provided by Clinton Township. Registration is REQUIRED. Email contact@crwc.org for more information about the clean up, and to register.

**MACARTHUR PARK CLEANUP**

September 19, 10:00am-12:00pm  
MacArthur Park, Mt. Clemens (park at the YMCA next door)

Join local volunteers from Mt. Clemens to help pick up trash in MacArthur Park. There is an easily accessible canoe and kayak launch at the park, so volunteers are welcome to bring their own boat and clean up in the river. We will also need volunteers to clean up trash within the park. To register email Gina New, gdp1219@gmail.com

**CLEANUP AT SHADYSIDE PARK:**

September 19, 10:00am-1:00pm  
Shadyside Park (155 Shadyside Drive, Mt. Clemens)

Clean up the log jam and garbage near Shadyside Park. Clean up log jam and garbage at 37 Belleview just West of Southbound Gratiot Bridge at Harrington. Please bring a canoe or kayak to assist with cleaning up in the river. We will also need volunteers to clean up on land. To register email Julie Sabo, prodigalsungirl@gmail.com



**DEPOT PARK, CLARKSTON:**

September 19, 9:00am-11:00am

**375 Depot Rd, Clarkston 48346**

Join the City of the Village of Clarkston, Friends of Depot Park, and Clarkston United Methodist church for a volunteer workday to spruce up Depot Park. Volunteers will receive a free T-shirt and all cleanup supplies will be provided. Bonus: Opportunity to learn about native landscaping!

**PLUMBROOK DRAIN CLEANUP:**

September 19, 10:00am-12:00pm

**Plumbrook Road, between Utica and Schoenherr**

Join Sterling Heights City Councilman, Henry Yanez for a cleanup. Water and snacks will be provided. Bring your own tools if you have them. Contact Henry Yanez at [hyanez57@gmail.com](mailto:hyanez57@gmail.com)

**CLEANUP WITH INDEPENDENCE TWP**

September 19, 9:00am-12:00pm

**New Pathway along Clintonville Road**

Parking and Registration at Harvestland Church (5848 Clintonville Rd.) T-shirt and trash bags will be available, water and gatorade will be provided. Please wear your mask at all times, and practice social distancing & sanitize your hands prior to arrival. For questions and to register, contact Derek Smith at (248)-625-8223 or [dosmith@indtwp.com](mailto:dosmith@indtwp.com)

**RED LOTUS CLINTON RIVER CLEANUP:**

September 20, 1:00pm-3:00pm

**Eagles Landing, Rochester Hills**

If we are going to live in nature, we have to care for her as she cares for us. Join together on Sunday September 20 from 1-3 to help clean up part of the Clinton River and the Clinton River Trail. We will meet at the Eagles Landing parking lot off Livernois Rd, south of Avon on the west side of the street. You can choose to clean up the trail or the river...waders will be provided as well as garbage bags. Children are welcome. Please email [brian@redlotusyoga.com](mailto:brian@redlotusyoga.com) or register at the front desk to confirm your attendance. It's our mess, lets do something about it.

**RAIN GARDENS & GREEN INFRASTRUCTURE**

September 25, 11:00am-1:00pm

**Walter and Mary Burke Park, New Baltimore**

Check out the raingardens at Walter and Mary Burke park. Learn how they along with other green infrastructure improve the quality of stormwater runoff and help to slow the flow. Following the discussion get hands on experience while participating in raingarden maintenance at the park. Supplies provided.

**KAYAK CLEANUP IN WATERFORD:**

September 26, 9:00am-11:00am

**Elizabeth Lake Road, Meet at Waterford Clinton River Launch Site**

Join local volunteers as we clean up the Clinton River from Waterford Canoe launch on Elizabeth Lake Road to Cass / Elizabeth Lake road launch ( Marco's Pizza). Wear a hat, and bring bungee cords to tie tires onto kayaks. For more information about this clean up contact David Lerner at [dlerner@plunkettcooney.com](mailto:dlerner@plunkettcooney.com)



All clean ups listed are in need of volunteers. Interested volunteers should contact the listed site coordinator for each specific location. For questions or more information about Clinton Clean-Up, please contact Kathleen Sexton, Program Manager at [kathleen@crwc.org](mailto:kathleen@crwc.org) or call 248-601-0606. We look forward to seeing you at one of the impactful events!

The CRWC's Annual Clinton Clean-Up rallies volunteers, businesses, local governments, and organizations from across the watershed with the goal of getting together to clean up the Clinton River, its watershed and Lake St. Clair.

Volunteer groups organize clean ups across the watershed and the CRWC provides volunteer support and the necessary materials to conduct a clean up.



# THE CLINTON RIVER WATERSHED



***The mission of the Clinton River Watershed Council (CRWC) is to protect, enhance and celebrate the Clinton River, its watershed and Lake St. Clair.***

**Visit us at [CRWC.org](http://CRWC.org)**

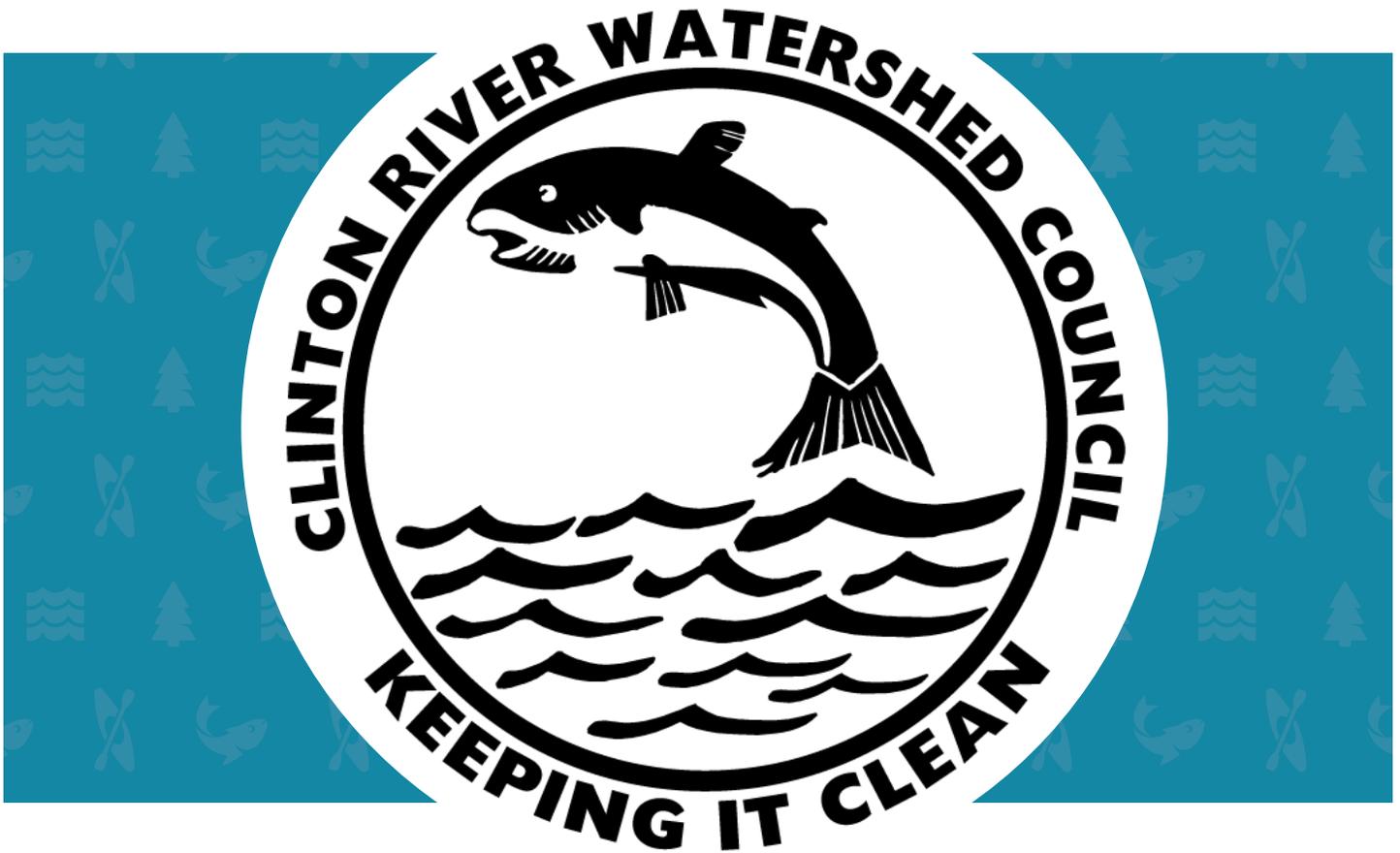
📍 1115 W Avon Road / Rochester Hills  
 📞 248-601-0606 📠 FAX: 248-601-1280

📘 Clinton River Watershed Council  
 📷 @ClintonRiverWatershed





# 20<sup>TH</sup> ANNUAL CLINTON CLEANUP EVENT GUIDE



**Thank You to Our Event Sponsors!**



**TRASH RUN IN STERLING HEIGHTS:**

September 10, 9:00am-1:00pm

[Sterling Heights](#)

Join the CRWC and Clinton River Canoe and Kayak (CRCK) for a trash run of the Clinton River! Volunteers will work in groups of two in canoes paddling down the Clinton River and picking up trash along the way. Wear comfortable clothes, sunscreen, and bug spray. Bring plenty of water and a snack.

Please be advised that depending on water levels and recent rain events, the water can move quickly in some areas and be difficult for a beginner to navigate. This stretch of the river is recommended for individuals with paddling experience and not for anyone under the age of 14. Canoes will be provided by CRCK. Exact paddling route will be determined week of, but will start in the Sterling Heights vicinity. Registration is REQUIRED to reserve a canoe and receive meeting location.

**COMMUNITY CLEANUP OF HAWTHORNE PARK:**

September 17, 1:00pm-3:00pm

[Hawthorne Park, Pontiac \(1400 Telegraph Rd.\)](#)

Oakland County Water Resources Commissioner's Office staff, Reroot Pontiac, and community members team up to clean up Hawthorne Park in Pontiac! Volunteers will receive a free T-shirt, and the challenge of filling up an ENTIRE 3 cubic yard Bagster with collected refuse.

**CITY OF ROCHESTER CLEAN UP:**

September 18, 9:00am-11:30am

[Clinton River Trail Riverwalk](#)

Trash and debris pickup at the Riverwalk and Clinton River Trail. We will meet at the Diversion Street Parking Lot under the Main Street bridge and be picking up trash along the Riverwalk & Clinton River Trail. Water, pop & pre-packaged treats will be served following the cleanup. To register, email [jdickinson@rochestermi.org](mailto:jdickinson@rochestermi.org) or call 248-379-8806.

**RED LOTUS CLINTON RIVER CLEAN UP:**

September 18, 1:00pm-3:00pm

[Eagles Landing, Rochester Hills](#)

Join Red Lotus for a river clean up at Eagle's Landing. Bring a towel, change of clothes and water. If the water levels are too high, it will be too dangerous to go into the river and we would cancel. To register, email [brian@redlotusyoga.com](mailto:brian@redlotusyoga.com).

**HERITAGE PARK CLEAN UP:**

September 18, 9:00am-12:00pm

[Heritage Park, Utica \(44505 Van Dyke Ave\)](#)

Join Genisys Credit Union for a clean up at Heritage Park in Sterling Heights. To register, email [tdoan@genisyscu.org](mailto:tdoan@genisyscu.org).

**RIVERSIDE PARK CLEAN UP:**

September 18, 9:00am-12:00pm

[Riverside Park, Auburn Hills \(3311 Squirrel Ct.\)](#)

Join Genisys Credit Union for a clean up at Riverside Park in Auburn Hills. To register, email [tdoan@genisyscu.org](mailto:tdoan@genisyscu.org).

**SHADYSIDE PARK CLEAN UP:**

September 18, 11:00am-2:00pm

[Shadyside Park, Mt. Clemens \(155 Shadyside Dr.\)](#)

Cleanup the Clinton River starting at Shadyside Park. Target large log jams around the pedestrian bridge. Meet at the boat launch. Anyone with chainsaws would be most welcome. Please bring your own kayak or canoe for water cleanup. It is necessary that children under 12 stay on shore to clean up. Interested volunteers can contact [prodigalsungirl@gmail.com](mailto:prodigalsungirl@gmail.com)



### **BUDD PARK TO CANAL PARK CLEAN UP:**

*September 18, 9:00am-12:00pm*

***Budd Park, Charter Township of Clinton (19000 Clinton River Rd.)***

Join Clinton Township, CRWC, Clinton Township Clerk Kim Meltzer and Clinton Township Beautification Committee to clean up the Clinton River and surrounding areas from Budd Park to Canal Park in Clinton Township. A variety of volunteers will be needed, some who can bring their own kayaks and canoes to paddle from Budd Park to Canal Park picking up debris along the way, and some who want to walk along the shoreline trail collecting trash from Budd Park to Canal Park. Lunch will be provided by Clerk, Kim Meltzer. Registration is **REQUIRED**. Email [contact@crwc.org](mailto:contact@crwc.org) for more information about the clean up, and to register.

### **SIERRA CLUB ROCHESTER ECOS CLEAN UP:**

*September 18, 10:00am-12:00pm*

***NW Corner of Giddings and Perry W of I-75, S of Walton, Pontiac***

As part of the 2021 Clinton Clean Up Day sponsored by the Clinton River Watershed Council, Sierra Club Rochester ECOS is organizing a river clean up event in Pontiac. We are going back to one of our Adopt-A-Stream monitoring locations where we have found a fair amount of garbage polluting the riverbank. Our cleaning efforts during previous years have had a positive impact on the area and we'd like to continue this work. You can make a difference in our water quality and the health of the Clinton River. Join us! NW Corner of Giddings and Perry W of I-75, S of Walton · Pontiac, MI. Parking: Auto Zone parking lot across the street on Perry St. Bring your water bottle to stay hydrated and bug spray. Email [rochesterecos@gmail.com](mailto:rochesterecos@gmail.com) for more details.

### **NATIVE PLANTING AT YATES CIDER MILL:**

*September 18, 10:00am*

***Yates Cider Mill, Rochester Hills (1990 E Avon Rd)***

Join CRWC as we plant native vegetation along the banks of the Clinton River at Yates Cider Mill in Rochester Hills. Nearly 500 feet of river bank will be planted to provide habitat and stabilization to this stretch of the river. Volunteers will be provided tools and gloves. Supplies for trash clean up will also be available. Come learn about the watershed council's efforts to restore this very popular stretch of the Clinton River. This event is made possible through a Michigan Department of Natural Resources Aquatic Habitat Grant. **\*\*Volunteers must register as parking is limited.** Contact [eric@crwc.org](mailto:eric@crwc.org) or 248-601-0606.

### **DODGE PARK CLEAN UP:**

*September 18, 10:00am-12:00pm*

***Dodge Park, Sterling Heights (40620 Utica Road)***

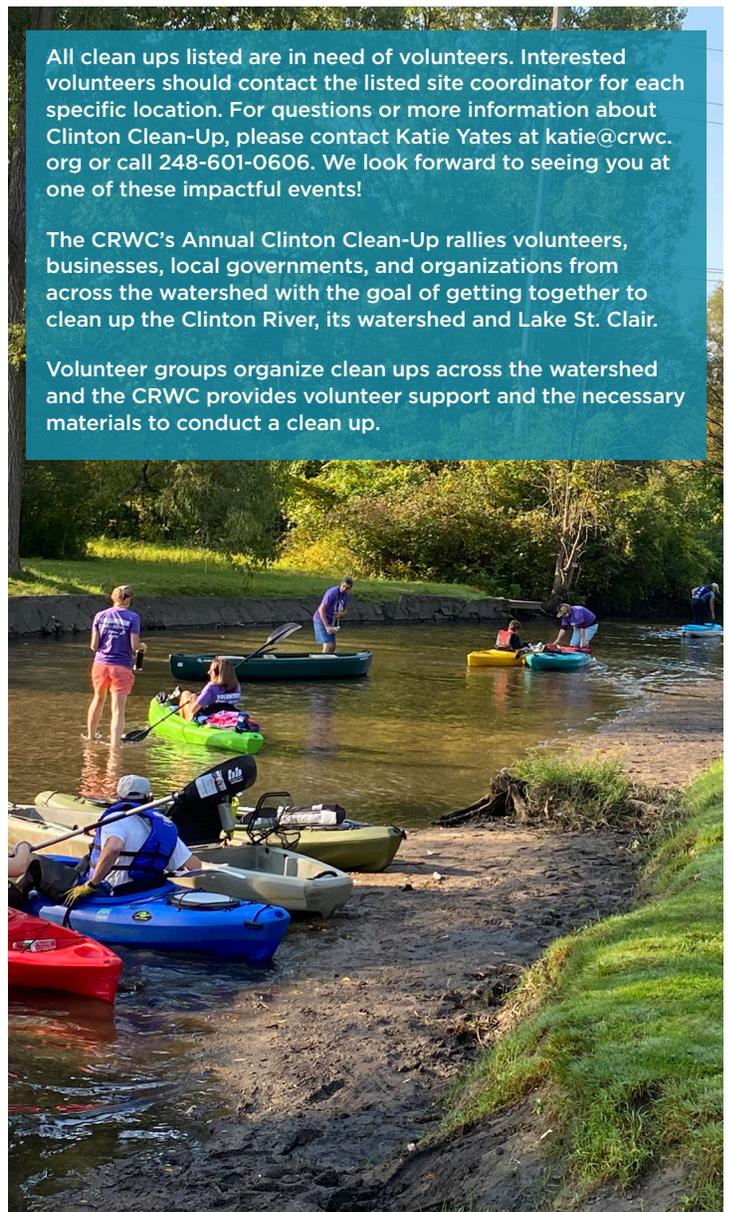
Join us as we help clean up the watershed at Dodge Park in Sterling Heights. For more details, contact Henry Yanez at [hyanez57@gmail.com](mailto:hyanez57@gmail.com).



All clean ups listed are in need of volunteers. Interested volunteers should contact the listed site coordinator for each specific location. For questions or more information about Clinton Clean-Up, please contact Katie Yates at [katie@crwc.org](mailto:katie@crwc.org) or call 248-601-0606. We look forward to seeing you at one of these impactful events!

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📘 Clinton River Watershed Council  
📷 @ClintonRiverWatershed



## **APPENDIX F**

*Stormwater Management Forums*

### **Contents**

Agendas

Sign-in Sheets



## Stormwater Management Forum 2019

October 10<sup>th</sup> 9:00am - 11:00am

Macomb Intermediate School District

44001 Garfield Rd, Clinton Twp., MI 48038

Room 104

### Agenda

- |                   |   |
|-------------------|---|
| 9:00am            | Breakfast and Introductions   |
| 9:15am - 9:50am   | “Aquatic & Terrestrial Invasive Species Management”<br>-McKenzi Waliczek, LSC CISMA |
| 9:50am - 10:00am  | Break   |
| 10:00am - 10:35am | “SOX Streambank Restoration Technique”<br>- Casey Cittadino, SOX Erosion Solutions  |
| 10:35am - 10:45am | CRWC Updates  |
| 10:45am - 11:00am | Evaluation and Networking   |
| 11:00am           | Adjourn   |



## Stormwater Management Forum 2020

March 19<sup>th</sup> 11:30am - 1:30pm

Madison Heights Fire Department  
31313 Brush St.  
Madison Heights, MI 48071  
Training Room

### Agenda

**CANCELLED DUE TO COVID-19  
PANDEMIC**

11:30am	Lunch and Introductions
11:40am - 12:20pm	<i>319 on 3/19: EGLE's Nonpoint Source Pollution Control Grant Program // Jack Cotrone, Nonpoint Source Pollution Program Specialist, EGLE</i>
12:20 - 12:30pm	Break
12:30pm - 1:10pm	<i>Traversing Stormwater Treatment Technologies - Which do I choose? // Rebecca Wolters, P.E., Contech Engineered Solutions LLC</i>
1:10pm - 1:20pm	CRWC Updates
1:20pm - 1:30pm	Evaluation and Networking
1:30pm	Adjourn



## Stormwater Management Forum 2020

September 24<sup>th</sup> 11:30am - 12:30pm

Virtual via Zoom

### Agenda

- |                   |   |
|-------------------|---|
| 11:30am           | Brief Introduction and Updates from CRWC  |
| 11:40am - 12:15pm | <i>Traversing Stormwater Treatment Technologies - Which do I choose?</i> // Rebecca Wolters, P.E., Contech Engineered Solutions LLC |
| 12:15pm - 12:30pm | Questions and Community Updates   |
| 12:30pm           | Adjourn   |



## Stormwater Management Forum 2020

November 19<sup>th</sup> 11:30am - 12:30pm

Virtual via Zoom

### Agenda

- |                   |  |
|-------------------|--|
| 11:30am           | Brief Introduction and Updates from CRWC   |
| 11:40am - 12:15pm | <i>Keeping it on the Land: EGLE's Nonpoint Source Program to protect water quality in Southeast Michigan // Jack Cotrone, EGLE</i> |
| 12:15pm - 12:30pm | Questions and Community Updates  |
| 12:30pm           | Adjourn  |



## Stormwater Management Forum 2021

March 18<sup>th</sup> 11:00 AM - 12:00 PM

Virtual via [Zoom](#)

### Agenda

- 11:00 AM Brief Introduction and Updates from CRWC
- 11:10 AM – 11:50 AM *A Look Back in History: Celebrating 50 Years* - CRWC staff will take a look back on the journey of the Clinton River and share highlights related to its history and progression in terms of water infrastructure, water quality, and watershed education, as well as look at what's to come.
- 11:50 AM – 12:00 PM Questions and Community Updates
- 12:00 PM Adjourn



## Stormwater Management Forum 2021

June 17<sup>th</sup> 11:00 AM - 12:00 PM

Virtual via [Zoom](#)

### Agenda

11:00 AM Brief Introduction and Updates from CRWC

11:10 AM – 11:50 AM *Green Infrastructure Eco-Design and Considerations* – John DeLisle, CERP, Principal Ecologist at Natural Community Services, LLC

11:50 AM – 12:00 PM Questions and Community Updates

12:00 PM Adjourn



## Stormwater Management Forum 2021

September 16<sup>th</sup> 11:00 AM - 12:00 PM

Virtual via [ZOOM](#)

### Agenda

- 11:00 AM Brief Introduction and Updates from CRWC
- 11:10 AM - 11:50 AM Aquatic Invasive Species: Something Else You Don't Want in Your Stormwater  
Tom Alwin, Aquatic Biologist, EGLE Aquatic Invasive Species Program
- 11:50 AM - 12:00 PM Questions and Community Updates
- 12:00 PM Adjourn



## Stormwater Management Forum 2021

November 18<sup>th</sup>, 11:00 AM - 12:00 PM

Virtual via [ZOOM](#)

### Agenda

- 11:00 AM Brief Introduction and Updates from CRWC
- 11:10 AM - 11:50 AM Addressing Stormwater Runoff and Flooding in Southeast Michigan  
Katie Grantham, Environmental Planner, Southeast Michigan Council of Governments (SEMCOG)
- 11:50 AM - 12:00 PM Questions and Community Updates
- 12:00 PM Adjourn



## Stormwater Management Forum 2022

March 17<sup>th</sup> 11:00 AM - 12:00 PM

Virtual via [ZOOM](#)

### Agenda

11:00 AM Brief Introduction and Updates from CRWC

11:10 AM - 11:50 AM "Why are urban streams sick?: Diving into the impacts of stormwater, development and recreation"

Eric Diesing, Watershed Ecologist, CRWC

11:50 AM - 12:00 PM Questions and Community Updates

12:00 PM Adjourn

Event: Stormwater Management Forum		Date: 10/10/2019 // 9am-11am	Location: Macomb ISD	Presenter(s): McKenzi Waliczek (CISMA); Casey Cittadino (SOX Erosion)	
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## **APPENDIX G**

*Keeping It Clean*

### **Contents**

Weekly Clean scheduling

Weekly Clean Sign-in sheets

Trash Run Sign-in sheets

Other Cleanup sign-in sheets

Weekly Clean Dates and Locations FY 2020

Date	Location	Community	Subwatershed	County	Number of Volunteers
10/2/2019	Waldenburg Park	Macomb	CM	Macomb	12
10/9/2019	Waterford River Walk	Waterford	CM	Oakland	16
10/16/2019	Gerald N. Donovan Park	Sterling Heights	CRE	Macomb	13
10/23/2019	Beaver Creek Park	Sterling Heights	RR	Macomb	14
10/30/2019	Joseph Delia	Sterling Heights	RR	Macomb	3
11/6/2019	Yates Park	Rochester Hills	CM	Oakland	10
11/13/2019	Clinton River Spillway- Tucker Sr Center.	Harrison Township	CRE	Macomb	0
11/20/2019	George George Memorial Park	Clinton Township	CRE	Macomb	5
11/27/2019	THANKSGIVING NO CLEAN UP				
12/4/2019	WINTER BREAK NO CLEAN UP				
12/11/2019	WINTER BREAK NO CLEAN UP				
Volunteer hours					140
4/1/2020	Cancelled COVID-19				
4/8/2020	Cancelled COVID-20				
4/15/2020	Cancelled COVID-21				
4/22/2020	Cancelled COVID-22				
4/29/2020	Cancelled COVID-23				
5/6/2020	Cancelled COVID-24				
5/13/2020	Cancelled COVID-25	Clinton Township	CRE	Macomb	
5/20/2020	Cancelled COVID-26				
5/27/2020	Cancelled COVID-27				
6/3/2020	Cancelled COVID-28				
6/10/2020	Cancelled COVID-29				
6/17/2020	Crooked Lake (Jamie Weasel)	Independence Twp	UC	Oakland	8
6/24/2020	Yates Park	Rochester Hills	CM	Oakland	15
7/1/2020	Hawthorne Park	Pontiac	CM	Oakland	3
7/8/2020	River Bends Park	Shelby	CREW	Macomb	6
7/15/2020	Tucker Senior Center	Harrison Township	CREW	Macomb	8
7/22/2020	Lake Sixteen (Jamie Weasel)	Orion Charter Twp	UC	Oakland	5
7/29/2020	Beaver Creek Park	Sterling Heights	RR	Macomb	6
8/5/2020	Harding Green Space	Rochester Hills	CM	Oakland	6
8/12/2020	Heritage Park	Utica	CRE	Macomb	7
8/19/2020	Buhl Lake 1pm-3pm (Kate Parady)	Leonard Twp	SC	Oakland	3
8/26/2020	George George Memorial Park	Clinton Township	CREW	Macomb	
9/2/2020	Shadyside Park	Mt. Clemens	CREW	Macomb	6
9/9/2020	Bloomer Park	Bloomer Park	CM	Oakland	6
9/16/2020	James C Nelson Park	Sterling Heights	RR	Macomb	12
9/23/2020	Beaudette Park	Pontiac	CM	Oakland	6
9/30/2020	MacArthur Park	Mt. Clemens	CREW	Macomb	3

Trash Runs and Other Cleanups FY 2020

WHAT CLEANUP	Date	Location	Community	Number of Volunteers
Linda Trumm GM Group	10/4/19	Murphy Park	Pontiac	12
Nick Vines, National Honor Society	3/15/20	Children's Park and Meeks Park	Orion Charter Twp	8
Trash Run	7/10/20	CR Park North - Rotary Park	Sterling Heights	7
Metrowest Steelheaders	8/8/20	Yates Park	Rochester Hills	59
Trash Run	8/14/20	CR Park North - Rotary Park	Sterling Heights	7
Trash Run	9/11/20	CR Park North - Rotary Park	Sterling Heights	15
Emily Mccullough(Cancelled)	11/6/20	M59 and Adams	Rochester Hills	90



Trash Runs and Other Cleanups FY 2021

WHAT CLEANUP	Date	Location	Community	Number of Volunteers
Rebuild Rochester	4/2/21	Bloomer Park	Rochester	25
Airboss (Cancelled)	4/17/21	Behind airboss office on CR	Auburn Hills	
Faurecia (Cancelled)	4/22/21	Faurecia HQ Campus	Auburn Hills	
Nick Vines - Lake Orion Honor Soc.	5/16/21	Paint Creek	Lake Orion	11
Advancing Macomb Clean Up	6/4/21	Shadyside Park	Mt. Clemens	26
Metro West Clean up at Yates	8/7/21	Yates Park	Rochester Hills	22
Brose North America	7/29/21	Riverwoods Park	Auburn Hills	8
Birthday Clean Up	8/28/21	Bloomer Park	Rochester	4
Rebuild Rochester	8/24/21	Rochester Municipal Park	Rochester	22
Roadside Clean Up	9/12/21		Oak Park	7
Home Depot Clean Up	10/7/21	Whispering Woods	Utica	4
Rochester Super Students	9/25/2021	Rochester Municipal Park	Rochester	5
Rochester Super Students	10/16/21	Bloomer Park	Rochester	5
Trash Run	6/11/21	North Clinton River Park to CRCK		
Trash Run	7/9/21	North Clinton River Park to CRCK		
Trash Run	8/13/21	North Clinton River Park to CRCK		
Trash Run	9/10/21	North Clinton River Park to CRCK		



# CRWC

# Weekly Clean



McArthur Park

9/19/2020

C. Behl

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Chris Bobryk	N
2.	Dennis Bobryk	N
3.	Gina New	Y
4.	Mathew New	Y
5.	Cathee Meldrum	Y
6.	Sheila Stunk	Y
7.	Laura Krapp	Y
8.	Miles Krapp	Y
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# CRWC Weekly Clean



Depot Park, clarkston 9-19-20

K.Y.

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Brend Stricklin	Y
2.	JENNIFER SMITH	<del>Y</del> N
3.	Frank Schoebel	Y
4.	Ka ERMER	Y
5.	Tammy Valade	yes
6.	Pat Valade	yes
7.	Ben Valade	yes
8.	HAL Weemhoff + Chris W	No
9.	Carole Welbaum	Yes
10.	JIM BRUECK	NO
11.	Tom Lowrie	NO
12.	Jerri Wellbach	yes
13.	Brandon Still	
14.	Hattie Yates	
15.	Zylah Yates	
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# CRWC Weekly Clean



Clinton Clean Up event  
Sierra Club Rochester ECOS

NW corner of Perry +  
Giddings in Portluc

9/19/20

Italia Millan

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	GARY DOLINSNEK	N
2.	Will Mackinnon III	N
3.	Chris Sytek	N
4.	ANTONIA VIVIAN	N
5.	Dan Hughes	N
6.	Italia Millan	N
7.	Zakra Furezgan	N
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# CRWC

# Weekly Clean



MacArthur Park

09/30/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Catlee Meldrum	
2.	Tim PIPPIN	NO
3.	Luke Graber	NO
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# CRWC

# Weekly Clean



Watertford launch

9-26-20

Meissa / David Lerner.

Location

Elizabeth lake.

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Daud Lerner	No
2. Vladimir Kasmyrin	yes
3. MARIA MYERS	No
4. BRETT MYERS	No
5. Kate Tomasik	Yes
6. Marci Augenstein	yes
7. Silena Heros	yes
8. Bryon Betts	yes
9. Carrie Betts	yes
10. Kimber Paradis	NO
11. Megan Martin	yes
12. Jean Norman	Yes
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# CRWC Weekly Clean



Bloomer Park

9/19/20

Kaleigh

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1. Peggy FNN	No
✓ 2. Daniel Torres + Dad	No
✓ 3. Soumya Bika	No
✓ 4. Anil Bika	No
✓ 5. Arjun Bika	No
✓ 6. Tom West	No
✓ 7. Josephine West	No
✓ 8. Angela Becker	yes
✓ 9. Calvin Becker	yes
✓ 10. Jennifer Novak	yes
✓ 11. Connor Novak	yes
✓ 12. Laura Campbell	yes
✓ 13. HUDSON Campbell	
✓ 14. + 1 more mom	
✓ 15. + 1 more kid	
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# CRWC

# Weekly Clean <sup>CC</sup>



Hawthorne Park

9/18/2020

Kathleen/Alyssa

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Jim Nash	no
2.	Trisha Bruzek	yes
3.	Mary Underwood	yes
4.	Jacyl Garrison	No
5.	Alyssa Taube	NO
6.	Kathleen Dougherty	Yes
7.	Hartley Anglin	Yes
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# CRWC

# Weekly Clean



Budd Park

9/19/2020

Kathleen/Kim

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Carol Stanek	
2. Rowald BOYSSON	
3. Sarah Carter-Wallace	
4. Taylor Haugen	
5. Jeanine Haugen	
6. Meghan Oestene	
7. David Gilgim	
8. Jason Swanson	Yes
9. Sheana Colonnello	
10. Kerry Colonnello	YES
11. Phil Rodc	No
12. Mike MacDonall	Yes
13. Jeff Hanselman	Yes
14. Cliff Patton	Yes
15. Daniel Patton	Yes
16. Corwin Patton	Yes
17. Ivy Patton	Yes
18. Tammy Patton	Yes
19. Bailey Patton	Yes
20.	
21.	



# CRWC

# Weekly Clean

CC



Yates Park

9/19/20

Jane Dick

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Ashley DeVriese	✓
2.	Fay DeVriese	✓
3.	Elise Lommen	✓
4.	Angie Lommen	✓
5.	Curt Lommen	✓
6.	Stacey Anason	✓
7.	Kaitlyn Anason	✓
8.	Carlene Claudill	✓
9.	Brooke Wertanen	✓
10.	Jane Dick	
11.	Jason Dick	
12.	Jack Dick	
13.	Katherine Dick	
14.	Nicholas Cirenese	✓
15.	Trinity Cirenese	✓
16.	Paul Cirenese	✓
17.	Tomomi Wentz	✓
18.	Mia Wentz	✓
19.	Andrey Kovtun	✓
20.	Karen Kovtun	✓
21.	Fabiana Paschoal	



# CRWC

# Weekly Clean <sup>CC</sup>



Shadyside

09/19

ME

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Melissa, Jeff and Koby Groins	Yes
2. Kim Smith	Yes
3. Nichole Graubatz	Yes
4. Savannah Sebeck & Fayth Graubatz	Yes
5. KEVIN McLARNEY AND STACY KAISER + 3 KIDS	Yes
6. Hilary Delikta	
7. Donna Dillon & Tim Konenski	No
8. Kayla Lehl 	no
9. Gina Colamarino	Yes
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# CRWC

# Weekly Clean



Jane C. Nelson

9/16

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1.	Greg Paulovic	NO
✓ 2.	BERNARD J. GULOWSKI JR	No
✓ 3.	Kathy Beard	Y
✓ 4.	Louis T KLEPNER	Y
✓ 5.	Valdet Seferovic	Y
✓ 6.	Elizabeth Cavanaugh	N
✓ 7.	Jim Levins	No
✓ 8.	TIM JOHNSTON	No
✓ 9.	HENRY YANEZ	No
✓ 10.	TIM PIPPI	NO
✓ 11.	Suzi Hobson	No
✓ 12.	Mark Graf	No
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21.		

13 AR bags  
 1 contractor bag  
 camp chair  
 half a barrel



# CRWC

# Weekly Clean



Bloomer Park

09/09/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. BERNARD J. GULOWSKI JR	N
2. Tim JOHNSON	No
3. Taylor Haugen	NO
4. RICK KRISTOFEK	NO
5. Greg Paulovic	NO
6. Tim PIPPIN	NO
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# Trash Run 9/11 Weekly Clean



Rotary Park

9/11/2020

Kathleen

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Dominique Leib	NO
2.	Helen Kuzawa	yes
3.	Mary Long	yes
4.	David Hunt	yes
5.	Carol Staneck	YES
6.	Ronald Bousson	YES
7.	Brian Flynn	yes
8.	Mary Flynn	yes
9.	Kevin Robinson	NO
10.	Cathy Rawkis	NO
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# CRWC

# Weekly Clean



Shadyside Park

9/2/2020

Kathleen

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

Name (First and Last)	New CRWC Volunteer?
1. BERNARD J GULOWSKI JR	No
2. RICK KRISTOFER	No
3. Greg Paulovic	NO
4. Tim JOURSTONE	No
5. JULIE SABO	NO
6. TIM PIPPIN	NO
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# CRWC

# Weekly Clean



Buhl Lake

08/19/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Suzi Hobson	No
2. GREGORY PETROSKY	NO
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# CRWC Weekly Clean



Heritage Park

08/11/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

	Name (First and Last)	New CRWC Volunteer?
✓ 1.	Rick KRISTOFEK	No
✓ 2.	Tom JOHNSTONE	No
✓ 3.	Marska Boylan	No
✓ 4.	Jim Boylan	No
✓ 5.	Pat WIGGINTON	No
✓ 6.	BERNARD J GULOWSKI JR	No
✓ 7.	Tim PIPPIN	NO
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MS



# CRWC

# Weekly Clean



Harding Green Space

08/05/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	SUZI HOBSON	Yes
2.	TIM JOHNSON	NO
3.	BERNARD J. GULOWSKI JR	NO
4.	RICK KRISTUFEK	NO
5.	Greg Pawlovic	NO
6.	TIM PIPPIN	NO
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W  
W



# CRWC

# Weekly Clean



Beaver Creek Park

07/29/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Sherry Summers	NO
2.	BERNARD J. GULOWSKI JR	NO
3.	Greg Paulouk	NO
4.	Tom PIPPINI	NO
5.	RICK KRISTOFFEK	NO
6.	Paul Estwood	NO
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# CRWC

# Weekly Clean



Orion Oaks / Lake Sixteen

07/22/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. GREGORY PETROSKY	NO
2. RICK KRISTUFEK TU CLAYTON VALLEY	VOLUNTEER YES
3. TIM JOHNSTON	No
4. Devene Godau	NO
5. Lily Godau	No
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# CRWC

# Weekly Clean



Tucker Senior Center

7/15/2020

Kathleen S.

Location Harrison Twp.

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. BERNARD J. GULOWSKI JR	No
2. Devene Godan	Yes
3. Lily Godan	Yes
4. Cindy Taylor	No
5. William Morse	Yes
6. Greg Paulowicz	NO
7. Paul Estman	NO
8. Jim PIPPIN	NO
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# CRWC

# Weekly Clean



River Bends Park

07/08/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Kevin Robinson	No
2.	BERNARD J GULOWSKI JR	NO
3.	TIM JOHNSTON	NO
4.	Don YEMER	NO
5.	Greg PAUKOVIC	NO
6.	TIM PIPPIN	NO
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12

12

# CRWC Weekly Clean



Hawthorne Park

July 1, 2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Gabriel Jones	yes
2. Aaron Threets	yes
3. Tim Johnstone	NO
4.	
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# CRWC

# Weekly Clean



Yates Park

06/24/2020

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	Katleen Sexton	No
2.	Chris Bobryk	No
3.	Michael Eronaldi	No
4.	Eric Diesing	No
5.	Katie Yates	No
6.	Kaleigh Snoddy	No
7.	Madelyn Haas	No
8.	Zylah	No
9.	Marsha Boylan	No
10.	Jim Boylan	No
11.	Tim Johnstone	No
12.	BERNARD J. GULOWSKI JR	No
13.	Kathy Bobryk	No
14.	Dennis Bobryk	No
15.	Mark Graf	No
16.	Don Estum	No
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Weekly Clean Volunteer Sign-In: Independence Oaks 6/17/2020 Michael  
Location Date Supervisor

NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)
1. GREGORY PETROSKY	NO
2. Sara Blumer-Schwette	YES
3. Lilian Schwette	YES
4. ANTONIA VIVIAN	NO
5. ED LUIBRAND	NO
6. Marsha Boylan	No
7. James Boylan	No
8. Tim JOHNSTONE	NO
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Weekly Clean Volunteer Sign-In: George George  
Location

11/20  
Date

Michael  
Supervisor

NAME (FIRST & LAST)

NEW VOLUNTEER? (YES/NO)

1. David Moreno Yes
2. Tim JOHNSSTONE No
3. Mohammed Raffi (PCA) Yes
4. Ron Egan No
5. Tim PIPPA "BIRTHDAY" No
- 6.
- 7.
- 8.
- 9.
- 10.
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- 14.
- 15.
- 16.

Weekly Clean Volunteer Sign-In: Joseph Delia 10/30 Michael  
Location Date Supervisor

NAME (FIRST & LAST)

NEW VOLUNTEER? (YES/NO)

1. TOM EHRKE NO
2. Rene Estuara NO
3. TIM PIPPIN NO
- 4.
- 5.
- 6.
- 7.
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- 15.
- 16.

Weekly Clean Volunteer Sign-In: Beaver Creek Park 10/23 KS  
Location Date Supervisor

NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)
1. RONALD HUNTLER	NO
2. Sarah Sprague	No
3. TIM JEWSTONE	NO
4. Lynette Thompson	No
5. Sierra McWilliams	<del>NO</del> YES
6. Taylor Knickerbocker	Yes
7. Amanda Peabst	yes
8. Pat Galcyt	no
9. Chander Malberry	ye
10. Amanda Whitford	
11. KENNY MCGURKIN	
12. Marissa Masli	YES
13. Rachel Mabbitt	NO
14. Mariam Shanin	NO
15.	
16.	

Weekly Clean Volunteer Sign-In: Gerald N. Donovan Park 10/16/19 Michael  
Location Date Supervisor

NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)
✓1. TOM EHRE	NO
✓2. Joshua Fillo	YES
✓3. Gina Longtin	Yes
✓4. Antony Poma	yes
✓5. ROB CARCERNA	NO
✓6. Dario Strazimiri	Yes
✓7. Craig Goniwiecha	yes
✓8. Michael Crowley	Yes
✓9. Tim JOHNSTONE	NO
✓10. Katie Morrow	Yes
✓11. Mark Casamer	Yes
✓12. Lucas Verge	Yes
✓13. Brian sharp	yes
14.	
15.	
16.	

8 contractor  
1 AR bag

Weekly Clean Volunteer Sign-In: Waterford River Walk  
 Location \_\_\_\_\_ Date 10/9/19 Supervisor ED

	NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)
1.	Rita Rivera	Yes
2.	Tim JOHNSTONE	NO
3.	DARREN PASSALACQUA	YES
4.	SARAH MOORE	YES
5.	FRANK MITCHELL	NO
6.	Dave Unger	NO
7.	MAURO PUGLIA	NO
8.	BRENDAN YOUNG	NO
9.	DAVE BRUNK	NO
10.	ROD PAPKE	YES
11.	Al Johnson	yes
12.	WARREN TOTH	NO
13.	KRISTIN FISHER	YES
14.	ALLISON FISHER	YES
15.	Melissa Fisher	NO
16.	Kari Shier	NO

7 Contractor  
 1 AR  
 230 + reality sign  
 240

NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)	
1. Domenic Vecchio	yes	
2. Tim Southstone	No	
3. DEREK SHOAFF	NO	
4. Chris Whitman	nd	
5. SCOTT WALLEY	No	
6. SCOTT MURPHY	NO	
7. Sagar Naichu	Yes	<del>3 AR bags</del>
8. Kyle Racer	No	5 AR bags
9. DUY NGUYEN	YES	
10. SEAN King	NO	4 <del>3</del> contractor
11. Melissa Eltridge	NO	table top
12. Wessen Zani	NO	
13.		
14.		
15.		
16.		





# CRWC Weekly Clean



Yates Park

10-21-20

Melissa

Location

Date

Supervisor

70 lbs

Name (First and Last)

New CRWC Volunteer?

1. Rick KRSTUFEL	
2. Taylor Haugen	
3. Tim JOHNSTONE	NO
4. Cathie Meldrum	NO
5. Tim PIPPIN	NO
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# CRWC Weekly Clean



Joseph Delia

10/14

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	TIM JOHNSONE	no
2.	Frank Cash	Yes
3.	CAROL Melforum	NO
4.	RICK KRISTOFEK	NO
5.	TIM PIPPIN	NO
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# CRWC Weekly Clean



Gerald N. Donovan Park

10/28/2020

Michael

Location

Date

Supervisor

6 contractor

4 AR

+ 50 lbs

MISC

New CRWC Volunteer?

Name (First and Last)

1.	MARK GRAF	N
2.	Russell Cardle	N
3.	Frank Carr	N
4.	Dennis Doebler	N
5.	Pauline Savich	N
6.	Erin Handley	Y
7.	Dean Handley	Y
8.	Tim JOANSTONK	No
9.	Gabriele Ekstrum	Y
10.	Greg Pavlovic	No
11.	BERNARD J. GULOWSKI Ja	No
12.	DON WLOSZEK	No
13.	MOUSA AKROUSH	No
14.	Tom Hobson	No
15.	Cather Meldrum	NO
16.	Par Esomut	NO
17.	RICK KRISTVFEK	NO
18.	Nate Jalbert	YES
19.	STEVE ANDRIDGE	NO
20.	Tim PIPPIN	NO
21.	HENRY YANER	N

**VOLUNTEER QUESTIONNAIRE**

Murphy Park

11/04/2020

Volunteers must allow their temperature to be taken and answer the following questions. If the answers are all no, please sign, date and record your temperature and proceed with the volunteer event:

11 (3-wk mms)  
 10 contractor  
 11 AR bags  
 150 lbs  
 misc

1. Are you currently suffering from any of the following symptoms – fever, cough, shortness of breath, sore throat, new loss of smell or taste, and/or gastrointestinal problems, including nausea, diarrhea, and vomiting?
  - a. If yes, access is denied; volunteer must leave the event and should self-isolate/self-quarantine at home, until employee is permitted to return to work.
2. Have you lived with, or had close contact with, someone in the last 14 days diagnosed with or displaying the symptoms of COVID-19?
  - a. If yes, access is denied, volunteer must leave the event and is advised to self-isolate/self-quarantine at home, until at least 14 days after the close contact.
3. Have you travelled via airplane internationally or domestically in the last 14 days?
  - a. If yes, access is denied, must leave the event and is advised to self-isolate/self-quarantine at home, until at least 14 days after the international or domestic travel.
4. Has anyone you live with, or consider part of your “household” taken the COVID-19 test and not yet received results?
  - a. If yes, access is denied, volunteer must leave the event and is advised to remain at home until results have returned and are negative.

Volunteers who develop symptoms while volunteering must immediately leave the premises and inform the CRWC staff person in charge (by phone or email).

	Name	Date	Temp	Signature
✓	RICK KRISTOFEK	11/4	98.2	Rick Kristofek
✓	PAUL MARTIN	11/4	98.1	Paul Martin
✓	Kari COYE	11/4	99.1	Kari C
N	TIM JOHNSTONE	11/4		
✓	Jim Soisson	11/4	98.9	Jim Soisson
✓	Lucas Verge	11/4	96.8	Lucas Verge
✓	Jason Paskuan	11/4	96.4	Jason Paskuan
N	Ran Estampa	11/4	96.6	Ran Estampa
✓	Tommy Flood	11/4	98.2	Tommy Flood
N	Tim PIPPIN	11/4		Tim Pippin



# CRWC Weekly Clean



George George Memorial Park

Location

11/10/2020

Date

Michael

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1. Erin Handley	No
✓ 2. Dean Handley	NO
✓ 3. Pauline Savich	No
✓ 4. Dominic Savich	Yes
✓ 5. SANTINO SAVICH	yes
6. Cathleen Meldrum	no
7. TIM JOHNSTONE	NO
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21.	



# CRWC Weekly Clean



Beaudette Park

03/31/2021

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	RICK KRISTOFEK	<del>YES</del> NO
2.	TIM JOHANSTON	NO
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# CRWC Weekly Clean



Tueher Park/Spillway

Location

04/07/21

Date

Michael

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1. BERNIE GULOWSKI	N
✓ 2. RICK KRISTVFEK	N
✓ 3. MATTHEW CAUDEY	<del>N</del> Y
✓ 4. THOMAS EHRKE	X
✓ 5. Cathleen Meldrum	N
6. TIM PIPPIN	N
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# CRWC Weekly Clean



Hardy

4/14

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	TIM JOANSTONE	no
✓ 2.	RICK KRISTOFEK	no
✓ 3.	FRANCES TYRRELL	yes
✓ 4.	Pablo Fraccarolli	yes
✓ 5.	TIM PIPPIN	NO
6.	Mike Cumberworth	yes
7.	+ 6 RU Students	yes
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138 ISS



# CRWC Weekly Clean



Heritage Park - Utica

4/21/21

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. BERNARD J. GULOWSKI JR	N
2. Kyle Wilhite	Yes
3. NEIL TAYLOR	YES
4. KERRY THOMAS	YES
5. HENRY YANEZ	<del>YES</del> NO
6. Mark Graf	NO
7. Tim JOHNSTONE	NO
8. Greg Janney	Yes
9. MOUSA AKROUSH	NO
10. Lori Brinkman	Y
11. Dennis Daehler	NO
12. Tom Hobson	NO
13. Tim PIPPIN	NO
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# CRWC

# Weekly Clean



Hawthorne Park

4/28/2021

Michael

Location

Date

Supervisor

160 155

Name (First and Last)

New CRWC Volunteer?

1.	RICK KRISTVEK	NO
2.	TIM JOANSTONE	NO
3.	TIM PIPPIN	NO
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# CRWC Weekly Clean



Salt River Nature Preserve

5-5-21

Katie

Location

Date

Supervisor

Name (First and Last)

rhb3704@yahoo.com

New CRWC Volunteer?

Name (First and Last)	New CRWC Volunteer?
1. RONALD BOUSSON	
2. BERNARD J. GULOWSKI JR	N
3. RONALD HIMMLER	N
4. KATHY ELLOTT	Y
5. DAN ACCIAVATTI	Y
6. KAREN GARBIE	Y
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# CRWC Weekly Clean



Murphy Park

5/12/2021

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	RONALD HIMMLER	NO
2.	BOW BOYSSON	NO
3.	TIM JOHNSTONE	NO
4.	KICK KRISTUFER	NO
5.	TIM PIPPM	NO
6.	+ 13 GM Volunteers	
7.	↓	
8.	Anthony Jackson	NO Yes
9.	Channy Anderson	↓
10.	Moo Ho Chung	
11.	Zainab Alangweel	
12.	Noelle Smith	
13.	Janice McQueen	
14.	Andrea Rogers	
15.	Samantha Schiavi	
16.	Everett Ottoy	
17.	Sharon Scriven	
18.	Katelyn Schwarz	
19.	Jordan Ankeney	
20.	John Mangapara	
21.		

Trash bags:

Contractor: ~~111~~ 11 = 210 lbs

AR: ~~111~~ 111 111 111 11 = 330 lbs

2 tires, 1 pallet, 1 tube, plastic bin



# CRWC Weekly Clean



Avon Nature Area

5/26

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

	Name (First and Last)	New CRWC Volunteer?
✓ 1.	BERNARD J. GULOWSKI JR	N
✓ 2.	TIM JOANSTONE	No
✓ 3.	BILL WAGNER	YES
✓ 4.	Jae Kim	Yes
✓ 5.	TIM PIPPIN	N/A
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# CRWC Weekly Clean



Beaver Creek

06/02

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. RONALD HIMMLER	NO
2. BERNARD J GULOWSKI JR	NO
3. Row BOUSSON	NO
4. NICK KRISTOPEK	NO
5. Tim JORDANSON	NO
6. Colleen MELDRUM	NO
7. TIM PIPPIN	NO
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\* Time in creek, bring shovel/rope next time



# CRWC Weekly Clean



Waterford River Walk

06/09/2021

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Row Boysson	No
2. Rick KRISTOFER	No
3. RONALD HIMMLER	No
4. TIM JOHNSON	No
5. TIM FIPPIN	NO
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# CRWC Weekly Clean



James C. Nelson

06/16/2021

Mike

Location

Date

Supervisor

	Name (First and Last)	New CRWC Volunteer?
✓ 1.	Martin Lutz	Yes
2.	Kori Tebbe	Yes
3.	RONALD HIMMLER	NO
4.	Row Bousson	NO
5.	Bernadette Lois	Yes
6.	Jennifer Murphy	yes
7.	Jennifer Ye	Yes
8.	Wim Hughes	Yes
9.	Eric Schwite	YES
10.	Kevin Swastek	Yes
11.	Rima Rahman	Yes
12.	EDGAR SEXTON	Yes
13.	MaryBeth Giordano	Yes
14.	Ltd Schmidt	yes
15.	Tim JONES	no
16.	MOUSA AKROUSH	NO
17.	LINDA ANDERSON	YES
18.	Sam Pappalardo	Yes.
19.	Beck Zhu	Yes
20.	Allen Gavin	Yes
21.	Carleen Melkum	NO

9 AR bags

1-55 gal drum



# CRWC Weekly Clean



Name (First and Last)

New CRWC Volunteer?

Name (First and Last)	New CRWC Volunteer?
21. Bonnie Jaroszewski	No
22. Eric Lee	No
23. Andrew Madate	No
24. Tim Pippin	NO
25. BERNARD J GULAWSKI Jnr	NO
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# CRWC Weekly Clean



Independence Oaks

6/23/2021

Mike

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	GREGORY PETROSKY	NO
2.	RON BOUSSON	NO
3.	RONALD HIMMLER	NO
4.	RICK KRISTOFEK	NO
5.	TIM JOHNSTONE	NO
6.	TIM PIPPIN	NO
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60 ISS



# CRWC Weekly Clean



Harper fishing pier

06/30/21

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Brett Trevino	Yes
2. Julian Trevino	Yes
3. Ron Boyssow	No
4. Tim Johnsons	No
5. Cathie Meldrum	No
6. Tim Pippin	No
7. Bernie Gutowski	No
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8 AR bags  
 2 black bags + camp chair  
 and foam



# CRWC Weekly Clean



River Woods

7/7/2021

Michael

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1. Rick KRISTOFEK	NO
2. Row BOUSSON	NO
3. RONALD HIMMLER	NO
4. Joe Kim	NO
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maybe 10lbs



# CRWC Weekly Clean



Joseph Delia Park 7/14/21

Katey S.

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1. Ron Bousson	No
✓ 2. Rick KRISTUTEK	No
✓ 3. RONALD HIMMELER	no
✓ 4. John Cozzim	<del>NO</del> Y
✓ 5. Noah Mahube	<del>NO</del> Y
✓ 6. Brett Trevino	NO
✓ 7. Tara Trevino	YES
✓ 8. BERNARD J GULOWSKI Jr	N
✓ 9. TIM JOHNSTON	No
✓ 10. Brett Myers	No
✓ 11. Cethee Meldrum	NO
✓ 12. Mike Gougdi	NO
✓ 13. Tim PIPPIN	NO
✓ 14. Nate Saltburt	No
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+ Michelle @ Cranbrook

Little bags  
HHH HHH HHH ||  
Computer  
1

150 lbs



# CRWC Weekly Clean



Onion Oaks

7/21/21

Kaleigh

Location

Date

Supervisor

Next week: Riverbends off 22 past Shelby Rd

Name (First and Last)

New CRWC Volunteer?

✓ 1.	Kick KRISTOFER	No
✓ 2.	Paul Balas	Yes
✓ 3.	Brenda Balas	Y
✓ 4.	Danielle Kapp	Y
✓ 5.	Abigail Scott	Y
✓ 6.	Annalise Lorenz	Y
✓ 7.	Maddie Lorenz	Y
✓ 8.	Brandon Comer	Y
✓ 9.	Philip Kapp	Y
✓ 10.	John Comer Cozzino	<del>Y</del> N
✓ 11.	Noah Mahnke	<del>Y</del> N
✓ 12.	Nancy Broyles-Stellantis	Y
✓ 13.	TIM JOHNSTONE	N
✓ 14.	TIM PIPPIN	N
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+lopers  
+ road sign

\*Waterford clean-up

75 lbs

LWD  
concerns

~~\*~~ off Elizabeth  
Lake

~~\*~~ Paint creek  
off the lake



# CRWC Weekly Clean



River Bends Park

7/28/21

Kalegh

Location

Date

Supervisor

Next week: Bloomer Park PR John R

Kayak  
Stuff

Name (First and Last)

New CRWC Volunteer?

✓	1. RICK KRISTOFEK	No
✓	2. BERNARD J GULOWSKI JR	No
✓	3. Sandra Marselle	Yes
✓	4. ANDREW Whititt	No
✓	5. Shannon Carr	Yes
✓	6. Gabriela Jimenez	Yes
✓	7. Tim JONASTONE	No
✓	8. Yaron Bateman	Yes
✓	9. USA GAGNON	Yes
✓	10. Julia Mallyon	Yes
✓	11. RONALD HIMMLER	No
✓	12. Brett Kramer	Yes
	13. Elizabeth Vouitos	Yes
	14. Thal Wilhelm	Yes
	15. Chetana Gopu	Yes
	16. Shriya Thekkar	Yes
	17. Lauren Hatto	Yes
	18. Meera Ravi	Yes
	19. Gagan Karthigeyan	Yes
	20. Abhinav Jain	Yes
	21. Amani Potts	Yes

+ Heritage park

|||| Computer bags  
|||| new bags  
+ fire

\* Tray Innovation Club



# CRWC Weekly Clean



Name (First and Last)

New CRWC Volunteer?

✓ 21.	Corie Meldrum	NO
✓ 22.	Tim Pippin	NO
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# CRWC Weekly Clean



Bloomer Park

8/4/21

Kaleigh + Holly

Location

Date

Supervisor

MacArthur Park

Name (First and Last)

New CRWC Volunteer?

✓ 1.	Tina JOHNSON	No
✓ 2.	RICK KRISTOFEK	NO
✓ 3.	Grant Gordon	Yes
✓ 4.	DENNIS NOVACK	NO
✓ 5.	Charlotte Worrel	yes
✓ 6.	Don Worrel	yes
7.	TIM PAPPAS	NO
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22 lbs



# CRWC Weekly Clean



MacArthur Park

8/11/21

Kelzy

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1.	Barry Redoute	no
✓ 2.	Ashley Casey	yes
✓ 3.	Fotmit Okua	yes
✓ 4.	Cathea Meldrum	NO
✓ 5.	TOM EHRKE	NO
✓ 6.	TIM PIPPIN	NO
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S4/bs



# CRWC Weekly Clean



Buhl Lake

8/18/21

Kaleigh S.

Location

Date

Supervisor + Prorogee!

Next week: Gerald N. Donovan Park

Name (First and Last)

New CRWC Volunteer?

1.	RONALD HIMMLER	NO
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# CRWC

# Weekly Clean



Gerald N. Donovan

8/25/21

Kalif

Location

Date

Supervisor

Next week: Yates Park

Name (First and Last)

New CRWC Volunteer?

✓ 1.	TOM EHRE	NO
✓ 2.	TIM JOANSTONE	No
✓ 3.	Andrew Modake	NO
✓ 4.	Mark Graf	No
✓ 5.	MOATH OBAID	NO
✓ 6.	Raelanda Robinson	yes
✓ 7.	Cathee Mildrum	NO
✓ 8.	TIM PIPPIN	NO
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27 165



# CRWC Weekly Clean



Yates Park

9/1/21

Kaleigh + Proroge

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

✓ 1.	BERNIE GULOWSKI	N
✓ 2.	Patricia Thornton	New
✓ 3.	BEN MATHEWS	New
4.	Tim JOANSTONE	No
✓ 5.	TOM EHRKE	NO
6.	Tim PIPPIN	NO
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# CRWC Weekly Clean



Shaw Park

9/8

Kaleigh

Location

Date

Supervisor

Next week: Witter and Mary Burke

Name (First and Last)

New CRWC Volunteer?

✓ 1.	BERNARD J GULOWSKI JR	N
✓ 2.	CHRISTINE GARRETT	Y
✓ 3.	TIM JOHNSTONE	N.
✓ 4.	TIM PIPPIN	NO
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# CRWC Weekly Clean



Walter & Mary Burke Park 9/15/21

Kaleigh  
Pronage  
Katsie

Location

Date

Supervisor

Next week: Rotary Park, Pontiac

Name (First and Last)

New CRWC Volunteer?

1. BERNARD J GULOWSKI JR	N
2. Kirsten Lyons	N
3. Christine Barrett	N
4. Mike Garrett	Y
5. Tom Pippin	NO
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6+6+9  
21

Weekly Clean @ Rotary Park, Pontiac  
9/22/2021

Volunteer Name	Are you a new volunteer to CRWC?
Tim J	N

Next week: Baumgartner Park, Sterling Heights

Trash collected: 15 + 5 = 20 lbs

Kaleigh S.

# Weekly Clean @ Baumgartner Park

9/29/2021

Name	Are you a new volunteer with CRWC?
✓ 1. BERNARD J. GULOWSKI JR	N
✓ 2. RONALD HIMMLER	No
✓ 3. Rachel Chatfield	Yes
✓ 4. Kara Sanson	Yes
✓ 5. Tim Johnstone	N
✓ 6. Christine Garrett	N
✓ 7. Mike Garrett	N
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# CRWC Weekly Clean



Firefighter Park

10/6/21

Kaleij + Prunage

Location

Date

Supervisor

Name (First and Last)

New CRWC Volunteer?

1.	BERNARD J GULOWSKI JR	N
2.	KARIN STAHL	Y
3.	TIM JOHNSTONE	N
4.	CHRISTINE GARRETT	N
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# CRWC Weekly Clean



Kyfe Monroe Park

10/13/21

*[Signature]*

Location

Date

Supervisor

Next week: George George Park, Clinton Twp

Name (First and Last)

New CRWC Volunteer?

1. BEENAED J. GULOWSKI JR	N
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7/1/25



# CRWC Weekly Clean



George George Memorial Park 10/20/21

Kay & Prong

Location

Date

Supervisor

Next week: Murphy Park

Name (First and Last)

New CRWC Volunteer?

13/10/5

1.	BERNARD J. GULOWSKI JR	N
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# CRWC Weekly Clean



Murphy Park

10/27/21

Kaleigh

Location

Date

Supervisor

Next week: Clinton River Heritage Park  
Utica

Name (First and Last)

New CRWC Volunteer?

1. Row de Mitchell	X
2. Kelly Sirois	X
3. Bryan Dickinson	X
4. Tim JOHNSTON	No
5. Jacob Russell	Yes
6. Sarah Kero	Yes
7. Reynaldo Zen	Yes
8. Nichol Massey	Yes
9. DARRAN WILKINSON	Yes
10. Mike Hokwood	Yes
11. April Cvetkovski	Yes
12. Andrea Della-Torre	Yes
13. Kelly Neville	Yes
14. Susanne Weber	Yes
15. Ricardo Monte	Yes
16. AURELIEN FRANCOIS	Yes
17. MICHAEL STEPIERSKI	Yes
18. Christian Nowack	Yes
19. Meynan Oestene	No
20. Igor Fuchym	Yes
21. Elda Villanueva	yes.



# CRWC Weekly Clean



1111

Name (First and Last)

New CRWC Volunteer?

22	Gary Lunsford	✓
23	Olivia Taburet	✓
24	Junhyuk Lee	✓
25	Jefe Saxma	✓
26	<del>Terese</del> Teresa Jackson	✓
27	Nick Warner	✓
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763  
789

4 + 11 + 4 + 38 + 20 + 15 + 25 + 30 + 5 + 16 + 5 + 11 + 5 + 10 + 15 + 15 + 8 + 11 + 5 + 20 + 5 + 20  
 + 35 + 18 + 5 + 17 + 17 + 15 + 17 + 16 + 12  
 + tire + chair      Basketball 111      152 + 71 + 221

484	26	16	32
20	36	11	4



# CRWC Weekly Clean



Clinton River Heritage Park 11/3/21

Pronage + Keff

Location

Date

Supervisor

Next Week: Arthur J Miller, Warren

Name (First and Last)

New CRWC Volunteer?

✓ 1.	BERNARD J. GULOWSKI JR	N
✓ 2.	Kay Collins	No
✓ 3.	Tom JOHNSTONE	No
✓ 4.	TOM EHRKE	NO
✓ 5.	Martin Lutz	NO
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11/3/21-3-24/21



# CRWC Weekly Clean



Arthur J. Miller Park

11/10/21

Pronage + Kalef

Location

Date

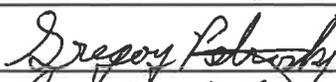
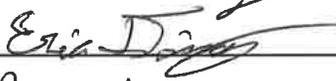
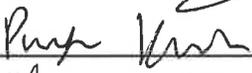
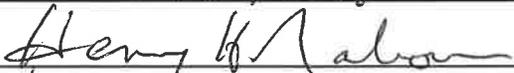
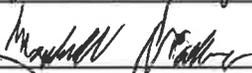
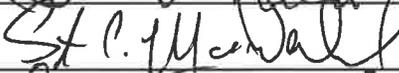
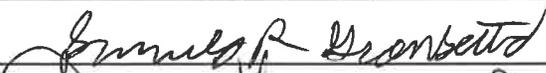
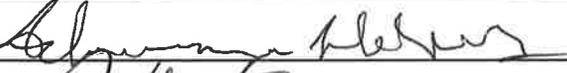
Supervisor

Next Week: Volunteer Appreciation @ CRWC office!

Name (First and Last)

New CRWC Volunteer?

1. BERNARD J GULOWSKI JR	N
2.	
3.	
4.	
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	Name	Signature	Email Address <small>(only provide if you wish to receive digital updates about the OTG program)</small>
1	Tim Muir		tmuirjr@gmail.com
2	GREG PETROSKY		
3	GAIL FRAZES		FRAZES@FRANCART.ORG
4	Eric Dising		
5	Pronoye Kapali		
6	Lenore McKeon		mckeonlenore@gmail.com
7	HENRY NABORS		HENNABORS@GMAIL.COM
8	Marshall Walker		mbwalker2@gmail.com
9	Diane MacDonald		stereanddiane3@yahoo
10	Steve MacDonald		"
11	Grant MacDonald		"
12	Lili Gronstad		"
13	Sunny Gronstad		
14	Amy Kehrig		amykehrig@gmail.com
15	Chris Coppinger +3		
16	Ashley Coppinger		
17	Hannah Figley		
18	Adrienne Helms		Tardis55639@gmail.com
19	HATTER SOBIESKI		CADAVRE0065@HOTMAIL.COM
20	Mike Sobieski		mps5446@yahoo.com

	Name	Signature	Email Address <small>(only provide if you wish to receive digital updates about the OTG program)</small>
1	Patrick Ween		patrick.ween@gmail.com
2	JASON JANISKEE		jjjaniskee@gmail.com
3			
4			
5			
6			
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19			
20			



### Volunteer Sign-In

Location: *Downtown Orion*

Date: *05/16/22* Organizer: *Nick Vines*

NAME (FIRST & LAST)

NEW VOLUNTEER? (YES/NO)

- |                                |            |
|--------------------------------|------------|
| 1. <i>Nick Vines</i>           | <i>No</i>  |
| 2. <i>Carter Quinn</i>         | <i>yes</i> |
| 3. <i>Carmen Piana</i>         | <i>yes</i> |
| 4. <i>Priscilla Pham</i>       | <i>Yes</i> |
| 5. <i>Lauren Smith</i>         | <i>yes</i> |
| 6. <i>Zoe Yee</i>              | <i>Yes</i> |
| 7. <i>Jenna Ulrich</i>         | <i>Yes</i> |
| 8. <i>Grace Guccione</i>       | <i>yes</i> |
| 9. <i>Alayna Tisch</i>         | <i>yes</i> |
| 10. <i>Hong Bins Tang</i>      | <i>yes</i> |
| 11. <i>Ana Trajillo Garcia</i> | <i>yes</i> |
| 12.                            |            |
| 13.                            |            |
| 14.                            |            |

Continued on other side

# Consumer's Energy Shadyside Park Cleanup



## Volunteer Sign-In

Adv. Macomb

Location: Shadyside Park Date: 6/4/21 Organizer: CRWC.  
M. Clemens

NAME (FIRST & LAST)	NEW VOLUNTEER? (YES/NO)	
1. Christina Young	yes	
2. Jenna Braun	yes	
3. Taylor Browne	yes	GM
4. Nicholas Righetti	yes	GM
5. Tracie Reynolds	yes	CE
6. Anita Favell	yes	CE
7. Mary Conell	yes	CE
8. Ira King	yes	CE
9. Kaitlyn Chavez King	yes	CE
10. Stephanie Platt	yes	CE
11. Dana Johnson	yes	CE
12. Sarah Jones	yes	
13. Andrew Chow	yes	GM
14. Jim Caribary	yes	GM

Continued on other side



# CRWC

## Clean-Up Card



### Site Info:

Location:

Rochester Municipal Park

Date:

08/24/21

Time:

9am-11am

Number of Volunteers:

### Clean-Up Info:

Type of Clean-Up:

Land

Paddle

Approximate Amount of Trash Bags Collected:

Estimated Amount of Trash in Pounds:

Most Unusual Item:

Other Comments:

### Coordinator Info:

Name:

Dhriti Patel (Rebuild Rochester)

Email:

Phone:

248-495-9100

Would you like to coordinate a clean-up event again next year?

Yes

No



### Volunteer Sign-In

**Location:** Rochester  
Municipal Park  
**NAME (FIRST & LAST)**

**Date:** 08/24/21 **Organizer:** Rebuild  
Rochester  
**NEW VOLUNTEER? (YES/NO)**

- 1. Dhriti Patel No
- 2. Anna Bochenek Yes
- 3. Damanpreet Dhani No
- 4. Angelique Glascoaga Yes
- 5. Davis Hobbey YES
- 6. Joana Hilda Yes
- 7. Lauren Wroza Yes
- 8. Abigail Georgi yes 248-759-0619
- 9. Keyura Taligama No 248-494-2393
- 10. Misha Sriram Yes 248-761-2515
- 11. Shranya Rao No
- 12. Isabella Cabrera Yes
- 13. Micaela Benbeny Yes 618-079-4895
- 14. Hida Akhter Yes 407-488-2896

Continued on other side



# CRWC

## Clean-Up Card



### Site Info:

Location:

River Woods Park

Date:

8/24

Time:

1PM

Number of Volunteers:

8

### Clean-Up Info:

Type of Clean-Up:



Land



Paddle

Approximate Amount of Trash Bags Collected:

0

Estimated Amount of Trash in Pounds:

NA

Most Unusual Item:

rose broach, gem

Other Comments:

fog for mosquitoes, maybe

### Coordinator Info:

Name:

Vanessa Ahmad

Email:

vanessa.gosselin@bruse.com

Phone:

586 943 7693

Would you like to coordinate a clean-up event again next year?



Yes



No



### Volunteer Sign-In

Location: River Woods

Date: 8/24

Organizer: BROSE

NAME (FIRST & LAST)

NEW VOLUNTEER? (YES/NO)

- | NAME (FIRST & LAST) | NEW VOLUNTEER? (YES/NO) |
|---------------------|-------------------------|
| 1. Vanessa Ahmad    | Y                       |
| 2. al Reimehen      | Y                       |
| 3. John Scollin     | Y                       |
| 4. K. McLouth       | Y                       |
| 5. A. Cunha         | Y                       |
| 6. Ramiz Koyun      | Y                       |
| 7.                  |                         |
| 8.                  |                         |
| 9.                  |                         |
| 10.                 |                         |
| 11.                 |                         |
| 12.                 |                         |
| 13.                 |                         |
| 14.                 |                         |

Continued on other side

## **APPENDIX H**

*Presentations and Workshops*

### **Contents**

Flyers

FY 2020 Sign-in sheets

FY 2021 Sign-in sheets

Adopt-A-Stream and Stonefly Training Dates and Locations FY 2020

Event Title	Date	Location	Description	Total Attendance	Subwatershed
Adopt-A-Stream Search	10/3/2019	Watershed wide	Benthic macros collection and identification	200	ALL
Stonefly Bug ID	1/11/2020	CRWC Office	Winter stonefly collection and identification training	23	CM
Stonefly Search	1/5/2020	Watershed Wide	Winter stonefly collection and count - volunteer groups	50	ALL
Adopt-A-Stream Basic Training	3/2/2020	Eastpointe Library	AAS volunteer training	1	LSC DD
Adopt-A-Stream Basic Training	3/5/2020	Stony Creek Metropark Nature Center	AAS volunteer training	4	SC
Adopt-A-Stream Basic Training	3/23/2020	Centerline Parks and Rec	AAS volunteer training	0	RR
Adopt-A-Stream Basic Training & Bud ID Workshop	4/4/2020	CRWC Office	AAS volunteer training	0	CM
Adopt-A-Stream Basic Training	4/4/2020	Recorded training presentation	AAS volunteer training	16	ALL
Adopt-A-Stream Basic Training	4/6/2020	Orion Center	AAS volunteer training	0	UC
Adopt-A-Stream Basic Training & Bud ID Workshop	8/29/2020	CRWC Office	AAS volunteer training	7	CM
Adopt-A-Stream Basic Training	8/31/2020	Orion Center	AAS volunteer training		UC
Adopt-A-Stream Basic Training	9/18/2020	Zoom	AAS volunteer training	2	ALL
Adopt-A-Stream Basic Training	9/22/2020	Center Line Parks and Rec	AAS volunteer training		RR
Cancelled due to COVID-19 precautions					

Adopt-A-Stream and Stonefly Trainings and Monitoring FY 2021

Event Title	Date	Location	Description	Total Attendance	# of sites	Subwatershed
Adopt-A-Stream Monitoring	10/3/2020	Watershed wide	Citizen science water quality monitoring and benthic ID	100		29 ALL
Stonefly Training	1/16/2021	Zoom - watershed wide	Citizen science water quality monitoring training and benthic ID	59		15 ALL
Stonefly search	1/30/2021	Watershed wide	Citizen science water quality monitoring and benthic ID	approx 75		
Adopt-A-Stream Training	3/25/2021	Zoom - Chesterfield library/Watershed Wide	Citizen science water quality monitoring training	9		AB
Adopt-A-Stream Training	4/1/2021	Zoom- Ray Twp. Library hosts us	Citizen Science water quality monitoring training	15		NB
Adopt-A-Stream Training	4/6/2021	Zoom- We host through Centerline library	Citizen Science water quality monitoring training	3		RR
Adopt-A-Stream Training & Bug ID	4/17/2021	CRWC Office-Outdoors	Citizen Science water quality monitoring training	19		CM
Adopt-A-Stream Monitoring	5/1/2021	Watershed wide	Citizen science water quality monitoring and benthic ID	141		38 ALL
Adopt-A-Stream Training	8/25/2021	In person - Independence Twp Library	Citizen science water quality monitoring training	Cancelled due to low attendance		UC
Adopt-A-Stream Training	8/30/2021	Virtual - St.Clair Shores Public Library	Citizen science water quality monitoring training	0		DD
Adopt-A-Stream Training	9/8/2021	In person- Oxford Library	Citizen science water quality monitoring training	5		SP
Adopt-A-Stream Training & Bug ID	9/11/2021	CRWC Office	Citizen science water quality monitoring training and benthic ID	4		CM
Adopt-A-Stream Training	9/20/2021	Virtual -Utica public libraray	Citizen science water quality monitoring training	5		CRE
Adopt-A-Stream Monitoring	10/2/2021	Watershed wide	Citizen science water quality monitoring and benthic ID	159		38 ALL
Stonefly Training	1/8/2022	Zoom - watershed wide	Citizen science water quality monitoring training and benthic ID	18		ALL
Stonefly Monitoring	1/22/2022	Watershed wide	Citizen science water quality monitoring and benthic ID	60		13 ALL

Stormwater Education Presentations FY 2021

Event Title	Date	Time	# of present ations	Presenter	MS4 permittee	Location	Total Attendance	Subwater shed
Seed Collection Training	10/6/2020	6:00 PM	1	Kathleen	ALL	CRWC Office - outdoors	22	CM/ALL
Seed Collection Workshop	10/17/2020	10:00 AM	1	Kathleen	ALL	CRWC office - Avon Creek Restoration Area	25	CM/ALL
Your Home. Your Community. Your Watershed.	11/11/2020	6:30 PM	1	Kathleen	Harper Woods	NEDC - 20010 Kelly Rd, Harper Woods	15	DD
Protecting Water Quality in Cold Weather	1/6/2021	7:00 PM	1	Kathleen	Harrison Twp	Virtual via Zoom <a href="https://htlibrary.org/events/event/protecting-water-quality/">https://htlibrary.org/events/event/protecting-water-quality/</a>		CRE
Your Home. Your Community. Your Watershed.	1/27/2021	12:30 PM	1	Katie	MISD	Virtual via Zoom, CRWC hosts	16	DD
Your Home. Your Community. Your Watershed.	1/28/2021	10:00 AM	1	Katie	MISD	Virtual, recorded from the day before	12	DD
Stormwater 101	2/11/2021	7:00 PM	1	Katie	Rochester	Virtual via Zoom, CRWC hosts	0	CM/SP
Protecting Water Quality in Winter	2/24/2021	12:00 PM	1	Kathleen	Clinton Township	Virtual, CRWC will host on Zoom and Clinton Township Cable TV will live-stream it as a cable show.	14	CRE
Microplastics and Stormwater	2/25/2021	9:30 AM	3	Kathleen	New Baltimore	Virtual via Zoom, SW 101 and Microplastic Pollution	69	AB
Stormwater 101	3/3/2021	7:00 PM	1	Katie	City of Grosse Pointe	Virtual via Zoom, CRWC hosts	6	DD
Stormwater 101/Enviroscape Demo	3/5/2021	8:30 AM	1	Michael	Harrison Twp	Virtual	47	CRE
Your Home. Your Community. Your Watershed.	3/8/2021	7:00 PM	1	Kathleen	Fraser; St. Clair Shores	Virtual via Zoom, Fraser Public library hosts	23	CRE; DD
Stormwater 101	3/10/2021	10:15AM		Kathleen	Clinton Township	Virtual via Zoom	19	CRE
Rain gardens and Rain barrels	3/24/2021	11:30 AM	1	Michael	Clinton Township	Potentially in person at the Clinton Township Senior Center, if restrictions have lifted. Otherwise, virtual. If webinar format, determine if Senior Center or CRWC hosts as the date gets closer. Can live stream for a cable show.	5	CRE
Rain gardens and Rain barrels	4/13/2021	6:30PM	1	Michael	Chesterfield	Virtual	24	AB
Stormwater 101	4/21/2021	6:30PM	1	Katie		Virtual via Zoom, Ray twp library hosts	2	NB
Your Home. Your Community. Your Watershed.	5/6/2021	11:00 AM	1	Kathleen	Shelby Twp	Virtual, hosted by CRWC		CRE
Your Home. Your Community. Your Watershed.	6/17/2021	7:00PM	1	Kathleen	Rochester	Virtual, hosted by St. Philip's Episcopal Church	12	CM/SP
Paddling and River Safety for Beginners	6/23/2021	6 pm - 9pm	0	Simple Adventures	Clinton Township/Mt. Clemens	Budd Park to Shadyside Park	CANCELLED	CRE
Paddling and River Safety for Beginners	6/24/2021	6 pm - 9pm	0	Simple Adventures	Clinton Township/Mt. Clemens	Budd Park to Shadyside Park	CANCELLED	CRE
Native Landscaping for Pollinators and Clean Water	7/14/2021	6:30 PM	1	Katie	Oxford	Oxford Public Library	15	SP
Soundscape Workshop	7/15/2021	7pm - 9pm	1	Chris	Rochester Hills	CRWC office - Avon Creek Restoration Area	9	CM
Raingardens	7/28/2021	2:00 PM	1	Katie	Clarkston/Independence Twp.	Virtual via Zoom, Clarkston Independence Libraray hosts	3	UC
Clinton River Critters	7/31/2021	8:45am-11:30am	1	Kathleen	Waterford Twp	Drayton Plains Nature Center	15	UC
Going Native	8/6/2021	2pm-4:30pm	1	Katie	Ray Twp	Ray Twp Public Library, 64255 Wolcott Rd, Ray, MI 48096	36	NB
Field Identification and Reporting of Invasive Species Workshop	8/19/2021	10am - 12:30pm	1	CISMA and CWRC	Clinton Township	Nicholson Nature Center, 21417 Dunham Rd, Clinton Twp, MI 48036	4	NB

Landscaping for Pollinators & Water Quality and Seed Ball Workshop	9/15/2021	6:00pm-7pm	1	Kaleigh	Center Line	Centerline Park & Rec	2	RR
Stomwater 101/Your Home. Your Community. Your Watershed.	9/14/2021	6:30-7:30pm	1	Kaleigh	Madison Heights	Madison Heights Public Library	0	RR
Proctecting Water Quality in Winter	10/12/2021	6:30-7:30pm	1	Kaleigh	Madison Heights	Madison Heights Public Library	0	RR
Seed Training	10/7/2021	6:00-7:30pm	1	Katie & Marilyn Trent	ALL	CRWC Office, 1115 West Avond Rd, Rochester Hills, MI	24	CM/ALL
Your Home. Your Community. Your Watershed.	10/27/2021	7:30am8:30am	1	Katie	Clarkston	Clarkston United Methodist Church, Clarkston	24	UC
Your Home. Your Community. Your Watershed.	11/9/2021	11am-12pm	1	Katie	Rochester	Rochester community center, rochester	48	CM
Your Home. Your Community. Your Watershed. Native Plants for Water Quality	11/17/2021	7:30-8:30pm	1	Katie	Bloomfield Township(out of watershed, but for NOWO)	EL Johnson Nature Center, Bloomfield Twp.	17	Rouge
Detention basin maintenance	11/30/2021	7:00-8:00pm	1	Katie	Auburn Hills (not a SW member)	Virtual for HOA in Auburn Hills	30	CM
Stormwater 101	1/25/2022	6-7:15pm	1	Kaleigh	Warren	Warren Civi center library	Cancelled	RR
DIY Landscaping and Lawn Care for Water Quality	2/2/2022	11:30-2:00	1	Katie	Grosse Pointe	Virutal via Zoom	15	DD
Rain Gardens and Rain Barrels	2/8/2022	6:30-7:30pm	1	Kaliegh	Madison Heights	Madison Heights Public Library	CANCELLED	RR

Stormwater Education Presentations FY 2020

Event Title	Date	# of pres	Presenter	MS4 permittee	Location	Total Attendance
SW Presentation	10/16/2019	1	Kathleen Sexton	Keego Harbor	Keego Harbor City Hall	8
SW Presentation	11/1/2019	1	Katie Yates	Grosse Pointe Farm	Pier Park - GPF	0
SW Presentation	11/8/2019	1	Kathleen Sexton	Village of Lake Orion	Village of Lake Orion Council Chambers	7
SW Presentation	11/12/2019	1	MSUE/MC	Macomb County	MC 21885 Dunham Rd, Clinton Twp	
Willow Woods School Presentations	11/21/2019	2	Michael Eovaldi	Sterling Heights	Willow Woods Elementary	54
Stormwater Presentation	11/22/2019		Katie Yates	Center Line	Center Line Parks and Rec	2
Monfort School Presentations	1/16/2020	1	Katie Yates	Shelby Twp	Monfort Elementary	40
SW Presentation at Oxford Public Library	1/24/2020	1	Kathleen Sexton	Oxford Township	Oxford Public Library	8
SW Presentation	2/3/2020	1	Michael Eovaldi	Chestefield Twp	Chesterfield DPW	15
SW Presentation	2/6/2020	1	Kathleen Sexton	Clinton Twp	Clinton Twp Cable show and YouTube	47
Richards MS School Presentations	2/18/2020	5	Kathleen Sexton; Michael Eovaldi	City of Fraser	Richards MS	300
Richards MS School Presentations	2/19/2020	5	Kathleen Sexton; Michael Eovaldi	City of Fraser	Richards MS	300
SW Presentation	2/28/2020	1	Katie Yates	Orion Twp.	Orion Center	1
SW Presentation	3/13/2020	1	Katie Yates	Clarkston	Wint Nature Center	
SW Presentation	3/25/2020	1	Kathleen Sexton	Clinton Twp	Clinton Twp Senior Center	
SW Presentation	4/20/2020	1	Michael Eovaldi	Macomb Township	Clinton-Macomb Public Library, North Branch	
	May -TBD		TBD	Harper Woods	NEDC - 20010 Kelly Rd, Harper Woods	
SW Presentation	6/3/2020	1	Katie Yates	Clinton Twp	VIRTUAL-Clinton Macomb Library North Branch	13
Ecoacoustics Workshop	7/16/2020	1	Chris Bobryk, Ian Abeslon	Rochester Hills	CRCW Office and Avon Creek Nature Area	11
SW Presentation	7/29/2020	1	Kathleen Sexton	Harrison Twp	Virtual (Zoom) - Harrison Twp Public Library	4
SW Presentation	8/20/2020	1	Katheen	Clinton Twp	Nicholson Nature Center	6
SW Presentation	8/28/2020	1	Katie Yates	Clarkston	Wint Nature Center	4
SW Presentation	9/15/2020	1	Michael Eovaldi	St.Cair Shores	Blossom Heath Park	3
SW Presentation	9/17/2020	1			Wolcott Mill - Camp Rotary	
SW Presentation	9/24/2020	1		Harrison Twp	Harrison Twp Library (zoom)	0
SW Presentation	9/25/2020	1	CB,KS,KY	New Baltimore	Walter and Mary Burke Park	7



# CRWC

CLINTON RIVER WATERSHED COUNCIL

# WINTER 2020 STONEFLY SEARCH

## Bug ID Training

JANUARY 11, 2020  
9:00am - 10:30am

CRWC Offices  
1115 W. Avon Rd  
Rochester Hills, MI 48309

Registration is  
**REQUIRED!**  
Email: [contact@crwc.org](mailto:contact@crwc.org)

## STONEFLY SEARCH

JANUARY 25, 2020  
9:00am

CRWC Offices  
1115 W. Avon Rd  
Rochester Hills, MI 48309

Registration is  
**REQUIRED!**  
Email: [contact@crwc.org](mailto:contact@crwc.org)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## 2020 Spring Adopt-A-Stream Trainings

### JOIN US FOR A FREE TRAINING!

*Adopt-A-Stream is a volunteer lead program that empowers community members to protect local streams and rivers in a hands on way by monitoring water quality.*

March 2 // 6:00pm - 8:00pm

Eastpointe Public Library

15875 Oak Avenue

Eastpointe, MI 48021

March 5 // 6:30pm - 8:15pm

Stony Creek Nature Center

300 Main Park Road

Shelby Township, MI 48316

March 23 // 6:00pm - 8:00pm

Center Line Parks and Rec

25355 Lawrence Avenue

Center Line, MI 48015

April 4 // 9:00am - 2:00pm

*\*With Bug I.D. training*

CRWC Offices

1115 W. Avon Road

Rochester Hills, MI 48309

April 6 // 6:00pm - 8:00pm

Orion Center

1335 Joslyn Road

Orion Township, MI 48360

**Registration is REQUIRED!**

Email [contact@crwc.org](mailto:contact@crwc.org)  
to register for this  
**FREE training!**



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



@CLINTONRIVERWATERSHED



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Rain Gardens and Rain Barrels



# JOIN US FOR A FREE PRESENTATION!



**April 20, 2020**  
**7:00 p.m. - 8:00 p.m.**

**Clinton-Macomb Public Library**  
*(Presentation Inside Suite 2)*

16800 24 Mile Road  
 Macomb, MI 48042

A type of green infrastructure, rain gardens and rain barrels are used to capture and manage stormwater runoff on your property. Learn how to install and maintain these GI tools at home to mitigate flooding and utilize runoff to your benefit.

**To register email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606**



Image: City of Royal Oak (romi.gov)





**JOIN US FOR A PRESENTATION & HANDS ON WORKSHOP!**



Image: msu.edu

**August 28, 2020**  
**10:00 a.m. - 12:00 p.m.**

**Wint Nature Center**  
*In Independence Oaks County Park*

9501 Sashabaw Road  
Clarkston, MI 48348

Want to learn more about landscaping for pollinators, water quality and helping the Poweshiek skipperling butterfly - one of Michigan's threatened species?

Join CRWC along with North Oakland Headwaters Land Conservancy at Wint Nature Center for two presentations with a hands-on seed ball crafting workshop.

This event is free, however an Oakland County Parks and Recreation annual or daily vehicle permit is required for park entry. Daily permit cost is \$5/day for Oakland County residents, or \$12/day for non-residents.

**To register email [contact@crwc.org](mailto:contact@crwc.org)**





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# NATIVES VS. INVASIVES



## JOIN US FOR A FREE PRESENTATION!



**August 20<sup>th</sup>, 2020**

**10:00 a.m. - 12:00 p.m.**

**Nicholson Nature Center  
21417 Dunham Rd  
Clinton Twp., MI 48036**

To register call the CRWC office at 248-601-0606, or email [Kathleen@crwc.org](mailto:Kathleen@crwc.org)

Join CRWC in the hunt for native and invasive species at Nicholson Nature Center. Have a chat about southeast Michigan's native and invasive species, how to identify them, and how they affect our local waterways. Then take a walk through the beautiful trails while putting your ID skills to the test.



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



@CLINTONRIVERWATERSHED



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



Your Home.  
Your Community.  
Your Watershed.



## JOIN US FOR A FREE PRESENTATION!



August 27, 2020  
6:30pm - 7:30pm  
NEDC Center  
20010 Kelly Rd.  
Harper Woods, MI 48225

Learn the history of the Clinton River and Lake St. Clair, the watershed council, water resources in your community, threats to these water resources, and how you can get involved in protecting them.

*\*In order to protect the safety of presenters and attendees, masks should be worn and social distancing guidelines followed.*

To register email Ty Hinton at [THinton@harperwoods.net](mailto:THinton@harperwoods.net) or call 313-409-0811





# CRWC

CLINTON RIVER WATERSHED COUNCIL



Your Home.  
Your Community.  
Your Watershed.

JOIN US FOR A FREE PRESENTATION!



February 3, 2020

12:00pm-1:00pm

Chesterfield Township DPW  
52216 Sierra Drive  
Chesterfield, MI 48047

Learn the watershed story of the Clinton River, how watershed residents are connected to this resource, and how you can be a part of the network that protects, enhances, and celebrates this precious resource.

To register for this FREE training:  
Email [contact@crwc.org](mailto:contact@crwc.org)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Protecting Water Quality in Cold Weather



# JOIN US FOR A FREE PRESENTATION!



Image: rainmatters.org

**February 28, 2020**

**12:00pm-1:00pm**

Orion Center

1335 Joslyn Road

Orion Twp, MI 48360

*Interested in learning how salt and other cold weather practices affect the health of the Clinton River?*

Join us for this science driven presentation and learn steps you can take at home during cold months to protect water quality.

**To register for this FREE training:**

**Email [contact@crwc.org](mailto:contact@crwc.org)**





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# Rain Gardens & Rain Barrels



## JOIN US FOR A FREE PRESENTATION!



**January 24, 2020**  
**2:00pm - 3:00pm**

*Oxford Public Library*  
 530 Pontiac Street  
 Oxford, MI 48371

Green infrastructure such as rain gardens and rain barrels, are used to capture and manage stormwater runoff on your own property.

Learn how to install and maintain these green infrastructure tools at home to mitigate flooding and utilize runoff to your benefit.



**This presentation is FREE!**

**Registration is required**

**Email: [contact@crwc.org](mailto:contact@crwc.org)**





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Rain Gardens and Rain Barrels



# JOIN US FOR A FREE PRESENTATION!



**July 29, 2020**

**12:00 p.m. - 1:00 p.m.**

**Hosted via Zoom by the  
Harrison Township Public  
Library**

To register call the Harrison Twp  
Public Library at (586)-329-1261  
or email [librarian@htlibrary.org](mailto:librarian@htlibrary.org)

Rain gardens and rain barrels are types of green infrastructure you can use right at home to capture and manage stormwater runoff on your property. Learn how to install and maintain these GI tools at home to mitigate flooding and use stormwater runoff to your benefit.



Image: City of Royal Oak ([romi.gov](http://romi.gov))





## JOIN US FOR A FREE PRESENTATION!



**June 3, 2020**  
**2:00 p.m. - 3:00 p.m.**

Hosted Via Zoom by the  
Clinton-Macomb Public Library

Must be a library card holder  
to register.

Registration opens May 20<sup>th</sup>

To register visit [cmpl.org](http://cmpl.org)  
and under **Events** select  
**Library Events Calendar**

A type of green infrastructure, rain gardens and rain barrels are used to capture and manage stormwater runoff on your property.

Learn how to install and maintain these GI tools at home to mitigate flooding and utilize runoff to your benefit.



Image: City of Royal Oak ([romi.gov](http://romi.gov))





**JOIN US FOR A PRESENTATION & HANDS ON WORKSHOP!**



Image: msu.edu

**March 13, 2020**  
**10:00 a.m. - 12:00 p.m.**

**Wint Nature Center**  
*In Independence Oaks County Park*

9501 Sashabaw Road  
Clarkston, MI 48348

Want to learn more about landscaping for pollinators, water quality and helping the Poweshiek skipperling butterfly - one of Michigan's threatened species?

Join CRWC along with North Oakland Headwaters Land Conservancy at Wint Nature Center for two presentations with a hands-on seed ball crafting workshop.

This event is free, however an Oakland County Parks and Recreation annual or daily vehicle permit is required for park entry. Daily permit cost is \$5/day for Oakland County residents, or \$12/day for non-residents.

**To register email [contact@crwc.org](mailto:contact@crwc.org)**





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Landscaping for Butterflies, Bees, and Clean Water



# JOIN US FOR A FREE PRESENTATION!



**March 25, 2020**  
**1:00 p.m. - 2:00 p.m.**

Clinton Township  
 Senior Center

40730 Romeo Plank Road  
 Macomb, MI 48044

Learn about the important role pollinators play in our food system, and how to implement simple landscaping practices at home that not only promote pollinator habitat, but protect freshwater.

**To register call the Clinton Township Senior Center at 586-286-9333**





## HOW CAN YOU TAKE ACTION AS A HOMEOWNER TO PROTECT WATER QUALITY?



**September 24<sup>th</sup>, 2020**  
**7:00 p.m. - 8:00 p.m.**

Hosted Via Zoom, by the  
Harrison Township Public  
Library

To register call the Harrison Twp.  
Public Library at (586)-329-1261  
or email [librarian@htlibrary.org](mailto:librarian@htlibrary.org)

RiverSafe LakeSafe is a public education campaign that raises awareness and recognizes those who incorporate best management practices to keep freshwater resources clean and healthy. CRWC educates residents, homeowners and businesses on how to identify products and chemicals that could be harmful to the watershed, and new ways to approach lawncare and other common household tasks.





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# SEED COLLECTION WORKSHOP SERIES

////////////////////////////////////  
**JOIN US FOR A FREE TRAINING & WORKSHOP!**

## **VOLUNTEER SEED COLLECTION TRAINING**

**OCTOBER 6, 2020 // 6:00 p.m. - 7:00 p.m.**

**CRWC OFFICE  
1115 W. Avon RD  
Rochester Hills, MI 48309**

Attendees will be trained on the benefits of native landscaping, how to identify common native plant species, and proper seed collection practices, in preparation for CRWC's first seed collection workshop. *Attendees to this training are expected to commit to participating in the seed collection workshop on October 17.*

## **VOLUNTEER SEED COLLECTION WORKSHOP**

**OCTOBER 17, 2020 // 10:00 a.m. - 12:00 p.m.**

**CRWC OFFICE  
1115 W. Avon RD  
Rochester Hills, MI 48309**

Attendees will help collect seed from native plants along the Avon Creek restoration area in Rochester Hills. Volunteers will receive complimentary native seed packets to take home, and collected seed will be used to supplement restoration projects on site near Avon Creek Restoration. *Volunteers must have attended seed collection training to participate.*



**To register email [contact@crwc.org](mailto:contact@crwc.org), or call 248-601-0606**





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# RAINGARDENS AND GREEN INFRASTRUCTURE

////////////////////  
**JOIN US FOR A FREE PRESENTATION!**



**September 25, 2020**  
**11:00am - 1:00pm**  
Walter and Mary Burke Park Pavilion  
36300 Front St.  
New Baltimore, MI 48047

Check out the raingardens at Walter and Mary Burke park. Learn how rain gardens and other green infrastructure improves water quality and slows the flow of stormwater runoff. Following the discussion get hands on experience while participating in rain garden maintenance at the park. Supplies will be provided.

To register email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



[@CLINTONRIVERWATERSHED](https://www.instagram.com/clintonriverwatershed)



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# WATERSHED JEOPARDY:

CLINTON RIVER & LAKE ST. CLAIR



## JOIN US FOR A FREE PRESENTATION!



**September 15, 2020**  
**6:00pm - 7:30pm**

Blossom Heath Park Bath House  
 24800 Jefferson Ave  
 St. Clair Shores, MI 48080

Looking for a fun way to learn about water resources right here in your community? Join CRWC for a fun night of watershed facts and intriguing trivia. Learn about the Clinton River Watershed and Lake St. Clair, current threats to the watershed, and how you can get involved in protecting these resources.

To register email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



[@CLINTONRIVERWATERSHED](https://www.instagram.com/clintonriverwatershed)



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# WATERSHED JEOPARDY:

CLINTON RIVER & LAKE ST. CLAIR



## JOIN US FOR A FREE PRESENTATION!



**September 17, 2020**  
**6:00pm - 7:30pm**

Wolcott Mill Metropark Camp Rotary  
 20505 29 Mile Rd  
 Ray, MI 48096

Looking for a fun way to learn about water resources right here in your community? Join CRWC for a fun night of watershed facts and intriguing trivia. Learn about the Clinton River Watershed and Lake St. Clair, current threats to the watershed, and how you can get involved in protecting these resources.

To register email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



[@CLINTONRIVERWATERSHED](https://www.instagram.com/clintonriverwatershed)



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Rain Gardens and Rain Barrels



# JOIN US FOR A FREE PRESENTATION!



**April 20, 2020**  
**7:00 p.m. - 8:00 p.m.**

**Clinton-Macomb Public Library**  
*(Presentation Inside Suite 2)*

16800 24 Mile Road  
 Macomb, MI 48042

A type of green infrastructure, rain gardens and rain barrels are used to capture and manage stormwater runoff on your property. Learn how to install and maintain these GI tools at home to mitigate flooding and utilize runoff to your benefit.

**To register email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606**



Image: City of Royal Oak (romi.gov)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## 2021 Fall Adopt-A-Stream Trainings

JOIN US FOR A FREE TRAINING!

Adopt-A-Stream is a volunteer lead program that empowers community members to protect local streams and rivers in a hands on way by monitoring water quality.

**August 30, 2021 //**

**6:30pm - 8:30pm**

ONLINE Hosted by St. Clair Shores  
Public Library

Register: [CRWC.org/Events](https://www.crowc.org/Events)

**September 11, 2021 //**

**9:00am - 2:00pm**

*With Bug I.D. Training*

CRWC OFFICE

1115 W. Avon Road

Rochester Hills, MI 48309

Register: [CRWC.org/Events](https://www.crowc.org/Events)

**September 8, 2021 //**

**6:30pm - 8:30pm**

IN PERSON Hosted by Oxford Public  
Library Register: [CRWC.org/Events](https://www.crowc.org/Events)

**September 20, 2021//**

**6:30pm - 8:30pm**

ONLINE Hosted with Utica Public Library

Register: [CRWC.org/Events](https://www.crowc.org/Events)

**September 13, 2021//**

**6:30pm - 8:30pm**

ONLINE Hosted with Clarkston  
Public Library

Register: [CRWC.org/Events](https://www.crowc.org/Events)



**October 2, 2021 //**  
**FALL ADOPT-A-STREAM  
MONITORING DATE!**

To register visit: [CRWC.ORG/  
Events](https://www.crowc.org/Events)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## 2021 Spring Adopt-A-Stream Trainings

JOIN US FOR A FREE VIRTUAL TRAINING!

Adopt-A-Stream is a volunteer lead program that empowers community members to protect local streams and rivers in a hands on way by monitoring water quality.

**March 25, 2021 //**  
**6:30pm - 7:30pm**

ONLINE Hosted by Chesterfield Library  
**Register:** <https://chelibrary.evanced.info/sign up>

**April 6, 2021 //**  
**4:00pm - 5:00pm**

ONLINE hosted by CRWC in partnership with Center Line Public Library  
**Register:** [CRWC.org/Events](https://CRWC.org/Events)

**April 1, 2021 //**  
**6:30pm - 7:30pm**

ONLINE hosted by Ray Township Library  
**Register:** <https://www.raylibrary.org/library-calendar-of-events#/events/UXA00HYSDH/instances/307ksnfc4g/>

**April 17, 2021 //**  
**9:00am - 2:00pm**

*With Bug I.D. Training*  
CRWC OFFICE  
1115 W. Avon Road  
Rochester Hills, MI 48309  
\*Held outdoors, dress for the weather  
**Register:** [CRWC.org/Events](https://CRWC.org/Events)

**May 1, 2021 //**  
**SPRING ADOPT A STREAM  
MONITORING DATE!**

**To register visit:** [CRWC.ORG/Events](https://CRWC.ORG/Events)





# CRWC

CLINTON RIVER WATERSHED COUNCIL

# WINTER 2021 STONEFLY SEARCH

## STONEFLY ID VIRTUAL TRAINING

JANUARY 16, 2021

9:00am - 10:30am

Online Zoom Training

Registration is **REQUIRED!**

Email: [katie@crwc.org](mailto:katie@crwc.org)

## STONEFLY SEARCH

JANUARY 30, 2021 // 9:00am

*Teams to be coordinated  
beforehand to abide by  
social distancing guidelines*

Registration is **REQUIRED!**

Email: [katie@crwc.org](mailto:katie@crwc.org)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# RAIN GARDENS & RAIN BARRELS

JOIN US FOR A FREE VIRTUAL PRESENTATION!



**April 13, 2021**  
**6:30pm - 7:30pm**

Virtual Presentation  
hosted in partnership  
with Chesterfield Twp.  
Public Library

A type of green infrastructure (GI), rain gardens and rain barrels are used to capture and manage stormwater runoff on your property. Join us for this virtual presentation and learn how to install and maintain these GI tools at home to mitigate flooding and utilize runoff to your benefit.

**Register for this FREE training through Chesterfield Twp. Public Library**  
<http://chelibrary.evanced.info/signup>



JOIN US FOR A FREE VIRTUAL PRESENTATION!



**April 21, 2021**

**6:30pm - 7:30pm**

Virtual Presentation  
hosted in partnership  
with Ray Township  
Public Library

Stormwater pollution is the greatest source of water quality impairments in the Clinton River and Lake St. Clair. Join us for this virtual presentation to learn about the watershed, your individual connection to it, and how you can make changes that directly reduce your impact to stormwater pollution and promote a healthier watershed.

To register for this **FREE** training visit <http://bit.ly/RayTwpEvents>





# CRWC

CLINTON RIVER WATERSHED COUNCIL

## FIELD IDENTIFICATION & REPORTING OF INVASIVE SPECIES WORKSHOP



### JOIN US FOR A FREE WORKSHOP!

Learn how to identify and report invasive species with the Lake St. Clair CISMA, and the Clinton River Watershed Council. Discover how to use the free *Midwest Invasive Species Information Network (MISIN)* app to report invasive species. Follow up with a chat about southeast Michigan’s common native and invasive species, how to identify them, and how they affect our local waterways. Then join in a guided walk through the beautiful trails, while putting your ID skills to the test and using the MISIN app to report any invasive species encounters.

Please note, wifi will not be available, so you may want to download the app prior to the workshop. It is a free application available on the Apple App Store and Android Google Play.

Current CDC guidelines for COVID-19 will be followed, please prepare accordingly. We will also provide extra masks and hand sanitizer.

**August 19, 2021**  
**10:00am-12:30pm**  
**Nicholson Nature Center Pavilion**  
 21777 Dunham Road  
 Clinton Township, MI 48036

*Entrance is at the rear of the County Public Works building, northwest corner of the parking lot*

#### To Register:

Visit [CRWC.ORG/events](http://CRWC.ORG/events) or click: [http://bit.ly/Invasive\\_Registration](http://bit.ly/Invasive_Registration)

The Lake St. Clair CISMA is funded by the Michigan Invasive Species Grant Program [www.michigan.gov/invasives](http://www.michigan.gov/invasives)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## PROTECTING WATER QUALITY IN THE WINTER



### JOIN US FOR A FREE VIRTUAL PRESENTATION!



**FEBRUARY 24, 2021**

**12:00pm - 1:00pm**

Hosted virtually by CRWC, this presentation will also be live streamed by Clinton Township Television (CTTV)

Homeowners have a responsibility to protect water quality year-round. Join us for this science driven presentation where you will learn what impacts water quality in winter, and simple steps you can take at home during cold months to protect water quality.

To register visit [CRWC.ORG/EVENTS](https://www.crwc.org/events)

Email [contact@crwc.org](mailto:contact@crwc.org) or call 248-601-0606



JOIN US FOR A FREE PRESENTATION!



**February 11, 2021**  
**7:00pm - 8:00pm**

Hosted via Zoom by  
The City of Rochester  
and The Clinton River  
Watershed Council

Stormwater pollution is the greatest source of water quality impairments in the Clinton River and Lake St. Clair.

Join us for this virtual presentation to learn about the watershed, your individual connection to it, and how you can make changes that directly reduce your impact to stormwater pollution and promote a healthier watershed.

**To register for this FREE training email [contact@crwc.org](mailto:contact@crwc.org)**



**JOIN US FOR A FREE VIRTUAL EVENT**



**January 6, 2021**  
**7:00pm - 8:00pm**  
Virtual via Zoom  
Hosted by Harrison  
Township Public Library

Homeowners have a responsibility to protect water quality year round. Join us for this science driven presentation and learn simple steps you can take at home during cold months to protect water quality.

To register for this FREE event:  
Visit the website: [www.htlibrary.org](http://www.htlibrary.org)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



## Native Landscaping for Pollinators and Clean Water



# JOIN US FOR A FREE PRESENTATION!



**July 14, 2021**  
**6:30 p.m. - 7:30 p.m.**  
 Virtual Presentation  
*Hosted in partnership with  
 Oxford Public Library*

Learn the important role native plants play in supporting pollinators, and how to implement simple landscaping practices at home that not only promote pollinator habitat, but also protect fresh water.

Register through Oxford Public Library at 248-628-3034 or online here: <http://miopl.evanced.info/signup>





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# RAINGARDENS

JOIN US FOR A FREE PRESENTATION!



**July 28, 2021**

**2:00 p.m. - 3:00 p.m.**

Virtual Presentation

Hosted in partnership with  
Clarkston Independence Library

A type of green infrastructure (GI), rain gardens are used to capture and manage stormwater runoff on your property. Join us for this virtual presentation and learn how to install and maintain these GI tools at home to mitigate flooding and utilize runoff to your benefit.

No registration necessary, find the presentation link on the Clarkston Independence Library website here: <http://cidlibrary.evanced.info/signup/calendar>



VISIT US AT [CRWC.ORG](http://CRWC.ORG)



@CLINTONRIVERWATERSHED



CLINTON RIVER WATERSHED COUNCIL



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# Clinton River Critters

JOIN US FOR A FREE WORKSHOP!



**July 31, 2021**

**8:45 a.m. - 11:30 a.m.**

**Drayton Plains Nature Center**

**2125 Denby Dr.**

**Waterford Twp., MI 48329**

Explore the bounty of life supported by the Clinton River as it flows through the Drayton Plains Nature Center. Hike along the dikes that were created for fish rearing ponds to look for birds, and then see what is in the water. We will sample some of the organisms known as macroinvertebrates living in the river. Critters found indicate water quality. The Drayton Plains Nature Center is owned and managed by Waterford Township Parks & Recreation Department. No park entry fee is required.

To register email [kad8186@msn.com](mailto:kad8186@msn.com)



*This event is hosted in partnership with Oakland Audubon Society Young Birder's club*



# CRWC

CLINTON RIVER WATERSHED COUNCIL



# STORMWATER 101



## JOIN US FOR A FREE PRESENTATION!



**March 3, 2021**

**7:00pm - 8:00pm**

Hosted via Zoom by  
The Clinton River  
Watershed Council and  
the City of Grosse Pointe

Stormwater pollution is the greatest source of water quality impairments in the Clinton River and Lake St. Clair. Join us for this virtual presentation to learn about the watershed, your individual connection to it, and how you can make changes that directly reduce your impact to stormwater pollution and promote a healthier watershed.

To register for this **FREE** training visit [CRWC.org/events](https://www.crowc.org/events) or follow the link: [www.eventbrite.com/e/stormwater-101-tickets-141005498241](https://www.eventbrite.com/e/stormwater-101-tickets-141005498241)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



Your Home.  
Your Community.  
Your Watershed.

////////////////////////////////////  
**JOIN US FOR A FREE PRESENTATION!**



**March 8, 2021**  
**7:00pm - 8:00pm**  
Hosted via Zoom by  
The Gardeners of St. Clair  
Shores and Fraser  
Public Library

Did you know that wherever you are - work, home, school, or the park - you are always in a watershed? Learn the watershed story of the Clinton River, how watershed residents are connected to this resource, and how you can be a part of the network that protects, enhances, and celebrates this precious resource.

**To register for this FREE training:**  
visit [www.fraserpubliclibrary.org](http://www.fraserpubliclibrary.org), navigate to the events page.





# CRWC

CLINTON RIVER WATERSHED COUNCIL



Your Home.  
Your Community.  
Your Watershed.

JOIN US FOR A FREE VIRTUAL PRESENTATION!



May 6, 2021

11:00am-12:00pm

Virtual Zoom:

Hosted by CRWC and  
Shelby Township

Join us for this virtual presentation to learn the watershed story of the Clinton River, how watershed residents are connected to their local waterways, and how you can be a part of the network that protects, enhances, and celebrates this precious resource.

To register for this **FREE** training:

Click here [or visit CRWC.org/events](https://www.crowc.org/events)





# CRWC

CLINTON RIVER WATERSHED COUNCIL



# SEED COLLECTION WORKSHOP SERIES

JOIN US FOR A FREE TRAINING & WORKSHOP!

## VOLUNTEER SEED COLLECTION TRAINING

**OCTOBER 7, 2021 // 6:00 p.m. - 7:30 p.m.**

**CRWC OFFICE  
1115 W. Avon RD  
Rochester Hills, MI 48309**

Attendees will be trained on the benefits of native landscaping related to water quality, how to identify common native plant species, and proper seed collection practices, in preparation for CRWC's second annual seed collection workshop. We will also hear about the role pollinators and native plants play in the ecosystem from special guest, Marilyn Trent, Founder of Rochester Pollinators, a committee of the Rochester City Beautiful Commission.



*Attendees to this training are expected to commit to participating in the seed collection workshop on October 16.*

## VOLUNTEER SEED COLLECTION WORKSHOP

**OCTOBER 16, 2021 // 10:00 a.m. - 12:00 p.m.**

**CRWC OFFICE  
1115 W. Avon RD  
Rochester Hills, MI 48309**

Attendees will help collect seed from native plants along the Avon Creek restoration area in Rochester Hills. Volunteers will receive a complimentary native seed packet to take home. Collected seed will be used to supplement restoration projects and as a resource for CRWC and partner educational workshops.



*Volunteers must have attended seed collection training to participate.  
Seed collection rain date, 10/23/21.*

**\*\*To register email [contact@crwc.org](mailto:contact@crwc.org), or call 248-601-0606**



# CRWC

CLINTON RIVER WATERSHED COUNCIL



Your Home.  
Your Community.  
Your Watershed.

JOIN US FOR A FREE VIRTUAL PRESENTATION!

September 14, 2021  
6:30pm-7:30pm

Madison Heights Public Library  
240 W. 13 Mile Road  
Madison Heights, MI 48071



Join CRWC and Madison Heights Public Library to learn how we are all connected to the Clinton River Watershed! Find out the history of our watershed, how water moves through our community, how stormwater affects water quality, and what you can do to help protect our freshwater resources.



To register for this FREE training:  
Click here or visit <https://bit.ly/3yRsxMv>



JOIN US FOR A FREE PRESENTATION!



**January 25, 2022**  
**6:00pm - 7:15pm**

Warren Civic Center Library  
1 City Square, Warren, MI.

Stormwater pollution is the greatest source of water quality impairments in the Clinton River and Lake St. Clair.

Join CRWC and Warren Civic Center Library to learn about the biggest issue our watershed faces, how stormwater pollutants affect our freshwater resources, and what you can do to help!

To register for this **FREE** training visit <https://bit.ly/3dBsvjQ>



AAS 4.1.21

No.	First Name	Last Name	Ticket Type	Ticket Status	Contact Name
1	Mary	Barnes	Free Registration	Registered	Mary Barnes
1	David	Casto	Free Registration	Registered	David Casto
stephanie	Noah	McLear	Free Registration	Registered	Stephanie McLear
2	Connor	McLear	Free Registration	Registered	Stephanie McLear
1	Steve	Kaukola	Free Registration	Registered	Steve Kaukola
1	Dean	Mettam	Free Registration	Registered	Dean Mettam
1	Patricia	Kish	Free Registration	Registered	Patricia Kish
2	Kenneth	Kish	Free Registration	Registered	Patricia Kish
1	patricia	Cockfield	Free Registration	Registered	Patricia Cockfield
1	Kristine	Hahn	Free Registration	Registered	Kristine Hahn
1	Renna	Barnes	Free Registration	Registered	Renna Barnes
2	Samuel	Barnes	Free Registration	Registered	Renna Barnes
3	Elliott	Barnes	Free Registration	Registered	Renna Barnes
4	Lorelei	Barnes	Free Registration	Registered	Renna Barnes
1	Jeff	Kresch	Free Registration	Registered	Jeff Kresch

Contact Email	Contact Phone
mary@raylibrary.org	(586) 246-8603
mmpmelmack@yahoo.com	(614) 946-4262
smclear02@yahoo.com	
smclear02@yahoo.com	
kaukolasw@yahoo.com	(651) 717-8925
ddmettam@me.com	(248) 210-6236
patkish5628@yahoo.com	(248) 622-0314
patkish5628@yahoo.com	(248) 622-0314
pacockfield@yahoo.com	(734) 679-7726
klhplants@yahoo.com	(248) 802-4590
	(586) 719-3869
	(586) 719-3869
	(586) 719-3869
	(586) 719-3869
jeffkresch@gmail.com	(304) 940-1106

<b>Zoom with Centerline Library</b>	
<b>Name</b>	<b>4.6.21 Email</b>
Amy Meeker-Taylor	<a href="mailto:education@scriver.org">education@scriver.org</a>
Kristen Getzin	<a href="mailto:trig260@gmail.com">trig260@gmail.com</a>
Wesleyann Johnson	<a href="mailto:wjohnson@centerline.gov">wjohnson@centerline.gov</a>

Adopt-A-Stream Training 4/17/21			CRWC offices		
First Name	Last Name	Zip Code of Residence	Address	Email Address	Preferred Monitoring Location?
Phil	Rode	48035	36097 Acton CT 48035	prode1@yahoo.com	CT Arboretum
Mary	Underwood	48307	968 Wexford Way <sup>Rochester, N.Y., N.Y.</sup>	unbake@hotmail.com	Stone Creek & Joerg
JINIA	Sutherland	48326	495 Arcadia Dr.	sthe122@msu.edu	anywhere!
Mary	Barnes	48096	44120 Wolcott, Ray	Mary@raylibrary.org	Wolcott
Renee	Barnes				
Sam	Barnes				
Lorelei	Barnes				
Elliott	Barnes				
*Chasity	DeMullenee	48096	16475 27 Mile Ray	director@raylibrary.org	Wolcott
Dean	METTAM	48363	3354 TURELO CT	ddmettam@me.com	P.C. (C.V.T.U.)
*Dave	Putt	48065	72011 Campground	dputt5@yahoo.com	East Pond Creek, North Branch
Pronoye	Kapali	48091	3306 Menge Ave	pkapali@oakland.edu	
Endi	Piovesana	48312	12852 Kinlock Dr.	endip210@gmail.com	
KAREN & RICK	DIESING	48439	3432 Pollock Rd.	KARENDIESING@GMAIL.COM	
*Xiaomi	Tang	48306	1704 Devonwood Dr	xiaomi_1@hotmail.com	

Clinton River Watershed Council

Carey	Ernst	48072	2666 Cumberland Rd	Corerseerst@gmail.com	would like to work together
Amberlin Booth	Booth	48108	3036 Woodland Hills Dr	booth9@emich.edu	
Eddie	yago	48317	7157 Tottenham Dr	eddieyago1@gmail.com	

Need emails: RR4, MB1, MB3, CVA

First Name	Last Name	Email
Nora	Hummel	<a href="mailto:hummelno@gmail.com">hummelno@gmail.com</a>
Megan	Muzzel	<a href="mailto:meganmuzzell@gmail.com">meganmuzzell@gmail.com</a>
Lizzy	Schultz	<a href="mailto:eschultz@shelbytwp.org">eschultz@shelbytwp.org</a>
Blake	Bogdan	<a href="mailto:bogdan.blake942@gmail.com">bogdan.blake942@gmail.com</a>
Raymond	Lalonde	<a href="mailto:raymond.lalonde@gmail.com">raymond.lalonde@gmail.com</a>
Mark	Webb	
Martine	Webb	<a href="mailto:martina319@yahoo.com">martina319@yahoo.com</a>
Eileen	Gallihugh	<a href="mailto:egallihugh@trinseo.com">egallihugh@trinseo.com</a>
Jason	Swanson	<a href="mailto:jay.swanson1@gmail.com">jay.swanson1@gmail.com</a>
Hayley	Kelso	<a href="mailto:kelsofam@charter.net">kelsofam@charter.net</a>
Evelyn	Kelso	
Stephanie	McLear	<a href="mailto:smclear02@yahoo.com">smclear02@yahoo.com</a>
David	Casto	
Ella	Casto	
Carol	Hazy	
Dawn	Pornthanomwong	
Mary	Barnes	<a href="mailto:mary@raylibrary.org">mary@raylibrary.org</a>
Sumaiya	Islam	
Magdalena	Peczek	<a href="mailto:mpeczek@gmail.com">mpeczek@gmail.com</a>
Hartley	Anglin	
Michael	Dougherty	
Mana	Corona	<a href="mailto:mcorona@hrcengr.com">mcorona@hrcengr.com</a>
Noah	Bednar	<a href="mailto:nbednar@hrcengr.com">nbednar@hrcengr.com</a>
Ashley	Allen	<a href="mailto:ashyalllen@att.net">ashyalllen@att.net</a>
Isaac	Ekstrom	<a href="mailto:ijekstrom@gmail.com">ijekstrom@gmail.com</a>
Taylor	Warstler	<a href="mailto:twarstler@gmail.com">twarstler@gmail.com</a>

Clinton River Watershed Council

Adopt-A-Stream Training			9/8/21 Adopt-A-stream		
First Name	Last Name	Zip Code of Residence	Address	Email Address	Preferred Monitoring Location?
<del>NOON</del>	<del>NOON</del>	48306			
Noon	Hummel	48371	222 DAVIS LK. DR OXF	hummelno@gmail.com	Waterford, Clarksston Oxford (Oak County)
Danielle	Corrigan	48371	1994 Lakesview OXFORD	daniellecorrigan74@gmail.com	Waterford / Clarksston Oxford
Sarah	Smith	48309	10 Chalmers Dr Rock	sarahlin.Davidson@gmail.com	Rockwater
Aaron	Feiner	48371	125 Great Pines Dr Oxford	abfeiner@yahoo.com	

Sept 18





Clinton River Watershed Council

Adopt-A-Stream Training			9/8/21 Adopt-A-stream		
First Name	Last Name	Zip Code of Residence	Address	Email Address	Preferred Monitoring Location?
Noor	Hummel	48371	222 DAVIS LK. DR OXF	hummelno@gmail.com	Waterford, Clarksston Oxford (Oak County)
Danielle	Corrigan	48371	1994 Lakesview OXF	daniellecorrigan74@gmail.com	Waterford / Clarksston Oxford
Sarah	Smith	48309	10 Chalmers Dr Rock	sarahlin.Davidson@gmail.com	Rockwater
Aaron	Feiner	48371	625 Great Pines Dr Oxford	abfeiner@yahoo.com	

Sept 18

Registrant	Training	Email
Janice Moore	CRWC office	<a href="mailto:jayhmoore@yahoo.com">jayhmoore@yahoo.com</a>
Moore Daughter	CRWC office	<a href="mailto:jayhmoore@yahoo.com">jayhmoore@yahoo.com</a>
Andrew Modrak	Shadbush	<a href="mailto:andrewinatree@gmail.com">andrewinatree@gmail.com</a>
Katy Modrak	Shadbush	<a href="mailto:sewmom2@gmail.com">sewmom2@gmail.com</a>
Alexis Daniels	CMPL	<a href="mailto:danielsale105@gmail.com">danielsale105@gmail.com</a>
Allen Comfort	Shadbush	<a href="mailto:allen.comfort@gmail.com">allen.comfort@gmail.com</a>
Fawad Khan	CMPL	<a href="mailto:dt8645@gmail.com">dt8645@gmail.com</a>
Jason Swanson	CRWC office	<a href="mailto:jay.swanson1@gmail.com">jay.swanson1@gmail.com</a>
lee zumbrunnen	CMPL	<a href="mailto:zfamily.1@netzero.net">zfamily.1@netzero.net</a>
cole zumbrunnen	CMPL	<a href="mailto:colezumbrunnen1231@yahoo.com">colezumbrunnen1231@yahoo.com</a>
Sharon Nelson	CMPL	<a href="mailto:sharonnelson1234@gmail.com">sharonnelson1234@gmail.com</a>
Dave Warda	CMPL	<a href="mailto:davewarda@yahoo.com">davewarda@yahoo.com</a>
Rebecca Doyle	CMPL	586-215-5058
Pam Kimball	CMPL	<a href="mailto:pamkimball.life@gmail.com">pamkimball.life@gmail.com</a>
Tyler Gubala	CMPL	<a href="mailto:gubalatyler@gmail.com">gubalatyler@gmail.com</a>

Shadbush	CMPL	Chesterfield	CRWC
3	9		3

entered

EVENT: YH. YC. YW.		LOCATION: Chesterfield DPW		Send Me Information About: (please check all those that apply)		
DATE: 2/3/2020		PRESENTER: Michael		Future Presentations	Membership	Volunteer Opportunities
First Name	Last Name	Phone #	Email Address	X	X	X
DREW	Ruggero	586-994-0420	Druggero@yahoo.com			
Jonathan	Bettinger	586-925-1455	Jonny-bett@yahoo.com			
JAY	Neirynde	586-321-3884	Tripp987@yahoo.com			
Darren	Maul					
Matthew	Breeneersch	586-713-4975	mrbreeneersch@gmail.com			
Jason	Laduke	586 260 4239				
Mike	LeRony	"				
Joc	Biskner	586 549 6801	Biskner m Joe@gmail.com			
Chris	Siewert	586-305-9541	CSiewert@Chesterfieldtwp.org			
Dale	Backers	586 549 5554	DBackers@Chesterfieldtwp.org			
James	Jossey	586-849-0400 ext 3	jjossey@chesterfieldtwp.org			
Timothy	Brooks	586-557-6294	tbrooks0301@hotmail.com			
MARK	WROBLEWSKI	586-291-3237	wrobo7705@yahoo.com			
Jane	Gomyeau	586 305-9525	JGomyeau@Chesterfieldtwp.org			
DONALD	CODDINGTON	586-649-6351	DCODDINGTON@CHESTERFIELDTWP.ORG			
KEVIN	JOHNSON	586-649-6352	kjohnson@chesterfieldtwp.org			

TOTAL ATTENDANCE: 15









<b>First Name</b>	<b>Email</b>
Rosanne Rule	<a href="mailto:rosanneb543@aol.com">rosanneb543@aol.com</a>
Jim Perpich	<a href="mailto:j.perpich@clintontownship-mi.gov">j.perpich@clintontownship-mi.gov</a>
William Seiger	<a href="mailto:Bill.seiger@carkw.com">Bill.seiger@carkw.com</a>
Pronoye Kapali	<a href="mailto:pkapali@oakland.edu">pkapali@oakland.edu</a>
Meghan Oesterle	<a href="mailto:meghan.oesterle@gmail.com">meghan.oesterle@gmail.com</a>
David Lerner	<a href="mailto:dlerner@plunkettcooney.com">dlerner@plunkettcooney.com</a>
Mary Underwood	<a href="mailto:unbake@hotmail.com">unbake@hotmail.com</a>
Charlie Shelton	<a href="mailto:charlie.shelton@metroparks.com">charlie.shelton@metroparks.com</a>
Amanda Herzog	<a href="mailto:amanda.herzog@gmail.com">amanda.herzog@gmail.com</a>
Brian Baker	<a href="mailto:brian.baker@macombgov.org">brian.baker@macombgov.org</a>
Michelle Musielak	<a href="mailto:monte86shell@gmail.com">monte86shell@gmail.com</a>
Heather Kinkela	<a href="mailto:heatherkinkela0501@gmail.com">heatherkinkela0501@gmail.com</a>
Kevin Goodwin	<a href="mailto:goodwink@michigan.gov">goodwink@michigan.gov</a>
Sam Grainger	<a href="mailto:Sam.Grainger@Socotec.com">Sam.Grainger@Socotec.com</a>
Gloria Mae McElroy	<a href="mailto:gloria.mcelroy@comcast.net">gloria.mcelroy@comcast.net</a>
Alvinia Spicer	<a href="mailto:spiceralvinia@gmail.com">spiceralvinia@gmail.com</a>
Mark Palmer	<a href="mailto:bigstones@netzero.net">bigstones@netzero.net</a>
Camila Duarte	<a href="mailto:cduarte88@gmail.com">cduarte88@gmail.com</a>
Sarah Halson	<a href="mailto:staff@detroitaudubon.org">staff@detroitaudubon.org</a>
Norb Franz	<a href="mailto:norb.franz@macombgov.org">norb.franz@macombgov.org</a>
Tammy Patton	<a href="mailto:t.patton@clintontownship-mi.gov">t.patton@clintontownship-mi.gov</a>
Sheri Faust	<a href="mailto:sfaust@stclaircounty.org">sfaust@stclaircounty.org</a>



Location: CRWC Zoom

Topic: Stormwater 101

Presenter: Katie Yates

<b>Name</b>	<b>Email</b>
John Zettner	<a href="mailto:jtzettner@gmail.com">jtzettner@gmail.com</a>
Dean DiMambro	<a href="mailto:deandimambro@att.net">deandimambro@att.net</a>
Pauline Savich	<a href="mailto:psavich@ford.com">psavich@ford.com</a>
Margaret Smith	<a href="mailto:msmith3326@wideopenwest.com">msmith3326@wideopenwest.com</a>
Gary Pallach	<a href="mailto:gpallach@comcast.net">gpallach@comcast.net</a>
Sharon Khouri	<a href="mailto:sharonkhouri64@gmail.com">sharonkhouri64@gmail.com</a>
Sharon Kowal	<a href="mailto:kowals@ymail.com">kowals@ymail.com</a>
Rebecca Popernak	<a href="mailto:rpopernak@outlook.com">rpopernak@outlook.com</a>
James Novosad	<a href="mailto:jamesnovosad@yahoo.com">jamesnovosad@yahoo.com</a>
Sam Grainger	<a href="mailto:Sam.Grainger@Socotec.com">Sam.Grainger@Socotec.com</a>
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Blake Bogdan	<a href="mailto:bogdan.blake942@gmail.com">bogdan.blake942@gmail.com</a>
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Anna Bunting	<a href="mailto:buntin10@msu.edu">buntin10@msu.edu</a>
Henry Yanez	<a href="mailto:hyanez57@gmail.com">hyanez57@gmail.com</a>
Lee Traum	<a href="mailto:leetraum@gmail.com">leetraum@gmail.com</a>
Margaret Smith	<a href="mailto:msmith3326@wideopenwest.com">msmith3326@wideopenwest.com</a>
Darcia Keplin	<a href="mailto:darciakeplin@gmail.com">darciakeplin@gmail.com</a>
Neil Johnston	<a href="mailto:NJohnston@grossepointecity.org">NJohnston@grossepointecity.org</a>
Marvin Prater	<a href="mailto:clemsonforester@gmail.com">clemsonforester@gmail.com</a>
Amy Meeker-Taylor	<a href="mailto:education@scriver.org">education@scriver.org</a>

**Phone**



14:37:14 From Izzy Zurek to Everyone : THANK YOU

14:37:22 From Donnie Kluck to Everyone : I would love a PDF of this information.

14:37:52 From Izzy Zurek to Everyone : Please fwd your presentation Ken.zurek@sbcglobal.net

14:39:42 From Donnie Kluck to Everyone : sera.kluck@gmail.com

14:39:48 From Laura Armstrong to Everyone : scroi\_23@hotmail.com - Laura

14:39:50 From Donnie Kluck to Everyone : Thank you so much!

14:39:55 From Laura Armstrong to Everyone : thanks!

# Oakland Audubon Field Trip Attendance

Drayton Plains Nature Center– July 31 – 9 – 11:30 am



Name	Address	Zip Code	Phone	Email
Rashmi Overbeek Family (4)			248-378-8765	<a href="mailto:Steam4hc@gmail.com">Steam4hc@gmail.com</a>
Vicki Powers			313-421-9950	<a href="mailto:Margaretruth1@att.net">Margaretruth1@att.net</a>
Mary Zednik				<a href="mailto:Mary.zednik@gmail.com">Mary.zednik@gmail.com</a>
Blanche Wicke			248-626-7064	<a href="mailto:bhwhorse@aol.com">bhwhorse@aol.com</a>
Mary – Rashmi's friend				<a href="mailto:mkorde@juno.com">mkorde@juno.com</a>
Stacey Olsen Family (3)			248-250-6473	<a href="mailto:staceymolsen@yahoo.com">staceymolsen@yahoo.com</a>
Anand Krishnasarma			813-484-8443	<a href="mailto:Anand718@outlook.com">Anand718@outlook.com</a>
Laura Lucas				<a href="mailto:lucaslaurae@gmail.com">lucaslaurae@gmail.com</a>
Lori Champagne & Michael Stewart				<a href="mailto:lori@engraving.pro">lori@engraving.pro</a>
Tina Fitzgerald			313-689-3366	<a href="mailto:jthejafitz@icloud.com">jthejafitz@icloud.com</a>
Phil Bogush & Gail				Bringing OAS Merchandise
Kathleen Sexton				Leader – CRWC Water Critters
Terri Chapdelaine				Leader – bird studies at DPNC

Native Plant education

EVENT: Depot Park Maintenance		LOCATION: Depot Park, Clarkston		Send Me Information About: (please check all those that apply)		
DATE: 8-6-21		PRESENTER: Chris B.		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Jerru Wellbach	3600 Meadow Hill Cir. Holly	48442	tipper38@msn.com			
Nancy Haven	62 Robertson Ct	48346	nhaven@msu.com			
Jim Brueck	6103 Middle	48346	JIMBRUECK@gmail.com			
Chris Lubi	8765 Clement Rd.	48346	speedcij@aol.com			
Connie Parliament	210 Crescent Hill PO Box 646 Ortonville	48462	parliament1@gmail.com			
KEN Ewer	Clarkston		whaler1787@gmail.com			
Nathan Heierman	6681 Pear Ln, Clarkston, MI	48346	nathanheierman@gmail.com			
Janee Kronk	P.O. Box 294 Lakeland, MI 48143 →		kronkrevolution@gmail.com	✓		✓
Sydney Stricklin	42 N. Main St. Clarkston, MI	48346	SydneySwim@icloud.com			
Carey Stricklin	42 N. Main St. Clarkston, MI	48346	CareyStricklin@gmail.com			





Welcome to Native Landscaping for Pollinators and Water Quality with the Clinton River Watershed Council  
7/14/21

Name	Email
Danielle Corrigan	danielleCorrigan74@gmail.com
Liz Corrigan	dennisc53@aol.com
Kristi Myers	klaynegmyers@gmail.com
Janet Cameron	janetcameron15@gmail.com
Hayley Kelso	kelsofam@charter.net
Dea Vaglia	vagliaadam@gmail.com
RICHARD & ANDREA PARKER	parkergrandma@global.net
Juliane Bakos	dvbakos@hotmail.com
Kim Bankenship	LOVESLOSTT@aol.com
Marcia Layolle	mlenzotti1@gmail.com

EVENT: Landscaping for Native Pollinators		LOCATION: Centerline Park		Send Me Information About: (please check all those that apply)		
DATE: 9/15/21		PRESENTER: Kaleigh (Katie + Prongie)		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Beverly Chene	Center Line 7245 Engleman	48015	SANDWomansix@Adi.com			
Taylor Haugen	Malomb 46679 Heydenreich Rd	48044	thaugen1998@gmail.com			

Wm

PEO International

EVENT: Landscaping Pollinators + Clean H <sub>2</sub> O		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE: 9-20-21		PRESENTER: Kate Yate Clinton River Watershed Council		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address (optional)	X	X	X
Christine Wyatt deaconchris1@gmail.com	for info on scholarships + grants + loans - please contact me as chapter support for applicant required		for more info check peointernational.com			
Mary Reynolds	Oxford, MI	48371	—			
Lisa Pawlik	Clarkston, MI	48346	—			
Maggie Maxwell						
Cheroye Miller	Bloomfield Hills	48302				
Elizabeth Hunt	Webster	48327				
MARILYN EMERY		48346				
Cheryl Smith	131 River Dr Milford MI 48381		cherylsmith1001@yahoo.com			
Barb Timm			Barbgtimm@gmail.com			

Sandy Lewis

hillsandy@yahoo.com

Kathleen Vondetta

p\_von@yahoo.com

Robin McKenzie

ramckenz5583@comcast.net

Kathy Azzopardi

kathyazzopardi@hotmail.com

Sandy Turner  
Haehyun Rhyee

sflynnturner@gmail.com  
soyeon.rhyee@hotmail.com

EVENT: Landscaping Pollinators + Clean H <sub>2</sub> O		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE: 9/20/21		PRESENTER: KY		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Sue Renis	6366 Heron Parkway Charleston	48346				
Rebecca Colbert	Holly	48442				
Shirley Kasey	Holly	48442				
Mary Bauer						
Trish Page	Clarkston	48348	mtkkpage mtkkpage@gmail.com			
Nancy Weightman	5932 Zander Ln. Highland 48356	48356	weight248@comcast.net			
Judy White	6490 Cranlake Dr Clarkston 48346					
Jeri Hill						
Breanne Massie						

EVENT: CRWC Presentation		LOCATION: E.L. Johnson		Send Me Information About: (please check all those that apply)		
DATE: 11-17-21		PRESENTER: Katie Yates		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Valerie Malaney	2885 Warner West Bloomfield	48324				
KARIN BICKLE	235 SANDSTONE ROCHESTER HILLS	48309	KARINEMAIL@AOL.COM			
Judy Cornellier	1449 Cadmus Dr Troy MI	48085				
Nancy Cardon	2226 Zenia Dr. Troy, MI 48083	48083				
Eva Armitage	18327 Whitmore Clinton Twp	48035	evaarmitage3@gmail.com			
Regina Newlin	55810 Woodridge Dr. Shelby Twp., MI 48316	48316	radnewlin@gmail.com			
KAL Gores	4375 OAK Grove Dr. Bloomfield Hills	48302	K66Gores@gmail.com			
Paul Benedict	125 Guilford Road Bldg Hls 48302	48304	paulsusan2000@aol.com			
MARK Kalkmeyer	1921 Dell ROSE DR Bloomfield Hills MI 48302	48302	MKOKMEYER@ COMCAST.NET <del>MARK</del>	X	X	X

EVENT:		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE:		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Bert Hallewas	598 Indian Trail Lake Orion Mi 48362		Lakeorionshopping@gmail.com	X		
Jedie Matthews Member		48009				
DIANE GREGORY	765 OAKLEIGH DR B14 <del>48302</del>	48302				
Cathy Wood	150 Guilford Rd. B1.H1.	48304	cruisincathy@comcast.net	X		X
Santa Masalekin	800 Severnaker Ln. Oxford 48371	48371	sentarokn@gmail.com	X		
Will Jaquinde	537 S Webik Ave Clawson	48017	wjaquinde@gmail.com			
Jane Giblin	Roch. Hills	48309	jjgiblin705@gmail.com			
Marilyn Trent						

C R W C

Clarkston Optimist  
Club  
10-27-21  
Stormwater Presentation

PLEASE SIGN IN

Tom Lowrey  
Pam Carra  
Bill Coy  
The Duke

Curt Carlson  
Melinda Carlson  
AMY LA BOISSONNIERE  
Ed Stone

Ken Gumer  
Jim Lewman  
Doris Evans  
Robert Bross  
Jim Bruck  
Pat Schmitt

Anne Ewan  
Kathy Middleton  
Debra Berry  
Sue King

Jean Dasaj  
Abdi Dasaj  
Elaine Guttenberg  
Janalee Graiser  
K. Noval  
Pat Hartcomb

FOR OUR SPEAKER Katie

Watershed  
January 27, 2021  
12:00 pm  
High School Con Center

1. Colin K. Pelissier

2. Kevin Smith

3. Bill Moss

4. Tom Egan

5. Robert Walker

6. Carla Murray

7. SHAWN HARVEY

8. Warry Minion

9. Ken Kelly

10. Mark D.

11. Gregory Patta

12. Chris

13. Chris

14. Scott A. Kennedy

15. Juanne Dale

16. Yann Yumigat

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

Watershed  
January 28, 2021  
9:00 am  
High School Con Center

1. ~~Wanda~~

2. Susan Beardslee

3. Paul Kelly

4. Bonnie Kopp

5. Celeste Henry

6. Jay McMillis

7. Mary Ann

8. Lori Bean

9. Edwin R. Rehd

10. James Barrows

11. Charles

12. Donald

13.

14.

15.

EVENT: <i>Going Native</i>		LOCATION: <i>Ray Twp. Library</i>		Send Me Information About: (please check all those that apply)		
DATE: <i>8-6-21</i>		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
<i>LORIE BARNES</i>		<i>48096</i>		<i>X</i>	<i>X</i>	<i>X</i>
<i>Mary Barnes</i>	<i>64120 Wolcott Rd Ray MI</i>	<i>48096</i>	<i>Mary@RayLibrary.org</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>Christy Demulenaere</i>	<i>16475 27 Mile Ray</i>	<i>48096</i>	<i>romeogirl@gmail.com</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>Erin Demulenaere</i>	<i>↓</i>	<i>↓</i>	<i>erindemulenaere@gmail.com</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>Pat Hamblton</i>	<i>8741 Grand Oaks Ct</i>	<i>48095</i>	<i>hamblton.patricia@yahoo.com</i>	<i>X</i>		
<i>D. Hamblton</i>	<i>"</i>	<i>"</i>	<i>" "</i>	<i>"</i>		
<i>VAN MONROE</i>	<i>64725 NORWICH WASHINGTON</i>	<i>48095</i>	<i>mandae@monroe.com</i>	<i>X</i>		
<i>Danielle Corrigan RJ Cook</i>	<i>1994 Lakesview Oxford, MI</i>	<i>48371</i>	<i>daniellecorrigan74@gmail.com</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>Lewis Barnes + Elliott Barnes + Sam Barnes</i>	<i>64120 Wolcott Rd Ray, MI</i>	<i>48096</i>	<i>lewis.b.barnes@gmail.com</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

EVENT:		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE:		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Melissa Parsons Linden David, Ella, Amelia	45350 Romeo Plank Rd Ray MI 48096	48096	mmpmelmack@yahoo.com	X	X	X
Kady Strouse madison, Etran Nolan Jojo	2028 Mitchell Way Attica MI 48412	48412	kady_mae143@yahoo.com	X	X	X
Renee Schoenherr + Mikay	16880 28 Mile Rd Ray MI 48096	48096	tweetie3384@msn.com	X		
Tracy LeCluyse	63289 North Ave Ray MI 48096	48096	cesttracy@comcast.net	X		
KAREN MAKOWSKI HUNTER	62471 RAY CENTER RAY MI 48096	48096	NONE			
Stephanie + Connor McLear	17700 Pratt Rd Armada 48005	48005	smclea02@yahoo.com	X	X	X
Terry Goike	21122-32 mile Ray	48096	goiketag@gmail.com	X	X	X
Renell + Lillian Sellers	62425 Wolcott Rd Ray - mi.	48096	renellsellers@gmail.com	X	X	X
Elli Wright	19732 31 Mile Rd RAY, MI	48096	Ellimwright@gmail.com	X	X	X

EVENT:		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE:		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Beth Paul	904 N. Conklin LX ORION	48362	elizabeth.paul@att.net	X	X	X
Tiffany <del>Shank</del> Shank	904 N. Conklin Lake Orion 30 Mile Rd.	48362	Tiffanydhanbeer94@gmail.com	X	X	X
Schafer, Nicole +3	27360 Lenox 48050	48050	nicoleleaevans@gmail.com	X	X	X
Jacque <del>Hopmann</del> Hopmann	58040 Cathey Washington 48094		jacque-hansen@yahoo.com	X	X	X

# Native Seed Collection Training

10/7/21

Name	Email	Signature	Do you want to be on our email list? Y/N
✓ Amy Oparka			
✓ Janet Collingwood			
✓ Gloria Bonczar			
✓ Spencer Point	pointspencer93@gmail.com	<i>Spencer Point</i>	yes
✓ Taylor Haugen	thaugen1998@gmail.com	<i>Taylor Haugen</i>	
✓ Dena Scher	dscher2015@gmail.com		
Lily Tang	xiaomi_1@hotmail.com		
✓ Julie Bergesen	jgbergesen@gmail.com		
✓ Stephanie Petriello	petriellos@oakgov.com	<i>Stephanie Petriello</i>	already on it
Monica Walker	moniwalk@umich.edu		
Matthew Welc			
Dalia Shaman	Dalia_shaman@yahoo.com		
✓ Rick Jones	rickj6228@gmail.com	<i>Rick Jones</i>	
✓ Betsy Fidler	BETSEYFIDLER@yahoo.com	<i>B Fidler</i>	Y
Melinda Denninger	mmd0330@aol.com	<i>MMD</i>	Y
✓ Jane Giblin	igiblin705@gmail.com	<i>JGiblin</i>	
Deb Simkowski	Dsimkowski@gmail.com		
Kelly Quinn	trillumpink@gmail.com	<i>Kelly Quinn</i>	yes
Pegg Glynn	pglynn1953@gmail.com		
✓ Stacey McFarlane		<i>Stacey McFarlane</i>	
✓ Sharon Hogle	sharon.marie.hogle@gmail.com	<i>Sharon Hogle</i>	
✓ Ray Lalonde	raymond.lalonde@gmail.com	<i>Ray Lalonde</i>	all ready on it
✓ Tom West	westtom5181@gmail.com		
Suzanne Johnson	zan248@comcast.net	<i>S Johnson</i>	yes
Mary Underwood	unbake@hotmail.com	<i>M Underwood</i>	
Jill Dunphy	jkdunphy@comcast.net	<i>Jill Dunphy</i>	Y

Donna Dillon

DDillon2@juno.com

Donna Dillon

Senta Masalskis

senta.rohn@gmail.com

Senta Masalskis

PAUL MASALSKIS

drmasalskis@gmail.com

Paul Masalskis

✓ Tom West

westtom5181@gmail.com

Tom West

✓ Amy Oparka

AIM513@wowway.com

✓ JANET COLLINGWOOD

✓ GLORIA BONCZAR

✓ Dena Scher

Robert Boyce robert@boycemargin.com

Julie Bergesen jbergesen@gmail.com

65101209

EVENT: SCO Coaches Extravaganza		LOCATION: South Lake High School		Send Me Information About: (please check all those that apply)		
DATE: 01/09/2020		PRESENTER: Michael Eovaldi		Future Presentations	Membership	Volunteer Opportunities
First Name	Last Name	Phone #	Email Address	X	X	X
ROBERT - KENDYLL	WOJOWILZ	586-630-0026				
Jim Selegan		586.463.4653				
Shyke Bastoni	Bastoni's	586-747-2993	greekrx@msn.com			
Susan R	Fleming	586-443-3926	SUSIEMARIE01@comcast.net			
Ron - Aurora	Schall	586-444-6934				
Kim PopsD	PopsD	586-709-8366	SimmyKiv@Live.com			
Gabe	PopsD	" "				
Pam	Young		pyoung@ecsd.us			

TOTAL ATTENDANCE:





entered

EVENT: YH. YC. YW.		LOCATION: Chesterfield DPW		Send Me Information About: (please check all those that apply)		
DATE: 2/3/2020		PRESENTER: Michael		Future Presentations	Membership	Volunteer Opportunities
First Name	Last Name	Phone #	Email Address	X	X	X
DREW	Ruggero	586-994-0420	Druggero@YAHOO.COM			
Jonathan	Bettinger	586-925-1455	Jonny-bett@Yahoo.com			
JAY	Neirunde	586-321-3884	Tripp987@Yahoo.com			
Darren	Maul					
Matthew	Breeneersch	586-713-4975	mrbreeneersch@gmail.com			
Jason	Laduke	586 260 4239				
Mike	LeRoy	"				
Joc	Biskner	586 549 6801	Biskner m Joe@gmail.com			
Chris	Siewert	586-305-9541	CSiewert@ChesterfieldTwp.org			
Dale	Backers	586 549 5554	DBackers@ChesterfieldTwp.org			
James	Jossey	586-849-0400 x3	jjossey@chesterfieldtwp.org			
Timothy	Brooks	586-557-6294	tbrooks0301@hotmail.com			
MARK	WROBLEWSKI	586-291-3237	wrobo7705@YAHOO.COM			
Jane	Gonyeau	586 305-9525	JGonyeau@ChesterfieldTwp.org			
DONALD	CODDINGTON	586-649-6351	DCODDINGTON@CHESTERFIELDTWP.ORG			
KEVIN	Johnson	586-649-6352	kjohnson@chesterfieldtwp.org			

TOTAL ATTENDANCE:

15



EVENT: Ecoacoustics Workshop		LOCATION: CRWC Nature Area (Arvon Creek)		Send Me Information About: (please check all those that apply)		
DATE: 7/16/2020		PRESENTER: Chris Bobryk, CRWC Ian Abelson, Six Rivers		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address			
Judie Kimpfen	480 Lena Hill Leonard	48367	Peppered00@ yahoo.com	X	X	X
TOM HAGEN	280 First Roch. 48307	48307	TLHAGEN@ gmail.com	X	X	X
PETE & LINDA GAMAGE	333 GAGGS ROCHESTER <del>48307</del>	48307	lindagamage@ stg/dal.net	✓		✓
Taylor Haugen	46679 Heydenreich Rd Malomb	48044	thaugen1998@gmail	✓		✓
Lucy + Adam Sternburgh	509 Driftwood Ave Rochester Hills	48307	Lucy.Sternburgh@ gmail.com	✓	✓	✓
Jeanine Offer & Clandinin	1086 River Mist Rochester MI	48307	jeanine.krupp@ gmail.com	✓	✓	

Ecoacoustics Workshop Registration		7/16 7pm-9pm	
Name	Email	Phone	
Barbara Honold	bhonold@lsps.org	5862919137	
Linda Gamage	lindagamage@sbcglobal.net	2489311313	
Pete Gamage	petegamage@hotmail.com	586-946-5925	
Chris Greenough	Biogreen410@att.net	5875497836	
Taylor Haugen	thaugen1998@gmail.com	5862432520	
Kimpan	Peppered60@yahoo.com	2487363540	
Lucy Sternburgh	Lucy.sternburgh@gmail.com	248-931-3676	
Adam Sternburgh	Sternburgh@gmail.com	517-896-1884	
Doreen Kephart	kephardoreen@gmail.com	8102407341	Canceled
Thomas L. Hagen	tlhagen@gmail.com	2486508951	
jeanine offer krupp	jeaninekrupp@gmail.com	2489530043	
Claudine Offer			

EVENT: Natives vs. Invasives		LOCATION: Nicholson nature center		Send Me Information About: (please check all those that apply)		
DATE: 8-20-20		PRESENTER: Katie S.		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address			
Jean Bersely	73881 Omo Rd Armada <del>48005</del>	48005	Jean.Bersely@outlook.com	X		
Karen Arendall	15461 Sherwood Ln Fraser MI	48026	bkarend@aol.com	X		
JENNY EMERICK	236 WELLINGTON CRESCENT MC	48043	EMERICKJENNY@ GMAIL.COM	X	X	X
Taylor Haugen	46679 Heydenreich Rd Macomb	48044	thaugen1998@gmail.com	X	X	X
Dalia Shaman	37171 Clubhouse Dr. Sterling Hts. MI 48312	48312	dalia-shaman@yahoo.com	X	X	✓
Donna Dillon	19236 Cooper St Clinton Twp MI 48038	48038	ddillon2@juno.com	X		



EVENT: Landscaping for Pollinators and the Powesheik Skipperling		LOCATION: Wint Nature Center		Send Me Information About: (please check all those that apply)		
DATE: <del>8/28/2020</del> 9-18-20		PRESENTER: Kaite Yates		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Michele and Greg Petrosky	8316 CARIBOU TRAIL	48348	GPETROSKY66@GMAIL.COM	X	X	X
Robert Haar						
Jim Dowd						
Deborah Simkowski						
Pamela Beilke						
Marie Ney	3068 Pine Bluffs	48357	neymarie@gmail.com	<del>XXXX</del>	X	X
Christopher Summers						
Thomas Howard						
Pat Prisbe						

Dawn Piper						
Taylor Haugen	46679 Heydenreich Rd Malcomb MI	48044	thaugen1998@gmail.com	x	x	x

EVENT: Raingardens and GI		LOCATION: Walter and Mary Burke Park N.B.		Send Me Information About: (please check all those that apply)		
DATE: 9/25/20		PRESENTER: Chris Bobryck/Kathleen Sexton		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
John Kl. maszewski	New Balt. more		NBDPS@Cityofnewbalt.more .org	X	X	X
Taylor Haugen	46679 Heydenreich Rd MALOMB	48044	thaugen1998@gmail.com	X	X	X
2 Mark + Lisa Graf	12611 Berexford Sterlins Hts, 48313	48313	mark@grafphoto.com	X	X	X
Carly Brown	New Baltimore					
Billy Gouine	New Baltimore	<del>48313</del>		X	X	X
<b>Kerry</b>	<b>New Ball. DAIN</b>					

EVENT: Seed Collection Training		LOCATION: CRWC Office		Send Me Information About: (please check all those that apply)		
DATE: 10-6-20		PRESENTER: Katie Sexton		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Mary Underwood	Rochester Hills MI 968 Wexford Way	48307	unbake@hotmail.com	X	X	X
Kristen Cox Gabriel Stamper	5564 Harrell Waterford MI 48329	48329	freckles.ore.lae@gmail.com	X	X	X
Danielle Corrigan	1994 Lakesview Oxford, MI 48371	48371	danielcorrigan74@gmail.com	X		X
Alecia Weiland	2083 Bonvue Braz Rochester		alecia.wei@comcast.net	X		X
Rick Darter	2083 Bonvue BRAZ Rochester	48309	RDARTER@comcast.net	X		X
Barbara Honold	28424 29 Mile Rd Lenox MI 48048	48048	bhonold@lsp.s.org	X	X	X
Dalia Shaman	37171 Clubhouse Dr. Sterling Heights MI	48312	dalia_shaman@yahoo.com	X		X
Vivek Dey	504 Essex Dr Rochester Hills, MI	48307	Vivek Dey @ Yahoo.com	X		
Taylor Haugen	46679 Heydenreich Rd Macomb, MI	48044	thaugen1998@gmail.com	X	X	X

EVENT: SEED COLLECTION TRAINING		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE:		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
ANTONIA VIVIAN	1216 KINGS EDGE CT. ROCH HILLS, MI 48306	48306	TR12112@gmail.com	X	X	X
Cheryl River Farrell		48088	Rivuleet@gmail.com	X	X	X
HEATHER SOBIESKI	15700 VERONICA EASTPOINTE MI 48021	48021	CADAVERDOGS@HOTMAIL.COM	X	X	X
MIKE SOBIESKI	"	"	MPS546@yahoo.com	X	X	X
Eveli Piovesana	12852 Kintock Dr. Sterling Hts. MI 48312		enclip210@gmail.com	X	X	X
Lance Gynorny Jackie Gynorny	56378 Winding Creek Dr. Macomb, MI 48042	48042	GYORNORY@GMAIL.COM	X	X	X
Pete Beightol	3122 Quail Ridge Ln RH 48309	48309	plastickayaker@gmail.com	X	X	X
James Mackinder	1340 Harmon Rd Oakton MI 48363	48363	Jamesmackeracomcosta	X	X	X
Wendi Shotts	32315 Coventry Place Warren, MI 48093	48093	me_kitty626@yahoo.com	X	X	X





EVENT: Seed Collection Workshop		LOCATION: CRWC Office		Send Me Information About: (please check all those that apply)		
DATE: 10/17/2020		PRESENTER: Kalneen, Katee		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
ANTONIA VIVIAN	1216 KINGS COVE CT Roch-Hills	48306	TRI 212@gmail.com			
Mary Underwood	968 Wexford Way Rochester Hills MI	48307	unbake@hotmail.com			
VIVEK DEY	504 Essex Dr Rochester Hills	48307	VIVEKDEY@yahoo.com	✓	—	✓
Kristen Cox & Gabriel Stumper	5564 Hurrell Waterford 48329	48329	freckles.ore.lave@gmail.com	✓	✓	✓
Danielle Corrigan	1994 Lakeside Oxford	48371	daniellecarrigan74@gmail	✓	✓	✓
Lance, Jacki, & Kiptyn Byamony	56376 Winding Creek Dr.	48042	jay21rae@gmail.com	✓		✓
Ryan Leclerc	1875 Jenny Ln 48309	48309	rleclerc@gmail.com	X		X
Taylor Haugen	46679 Heydenreich Rd <del>48044</del>	48044	thaugen1998@gmail.com	X	X	X
Arleen Darter Rick Darter	2083 Bonnie Blvd	48309	ARLEEWWEI@comcast.net	X	✓	✓

EVENT:		LOCATION:		Send Me Information About: (please check all those that apply)		
DATE:		PRESENTER:		Future Presentations	Membership	Volunteer Opportunities
Name	Address/City/State	Zip Code	Email Address	X	X	X
Barbara Hadd	28424 29 mile Rd Lenox, MI	48048	bhadd@lspc.org	X	X	X
Mike & Heather Sobitski	15700 Veronica Eastpointe MI	48021	HEATHERSOBITSKI@outlook.com MPS5446@yahoo.com	X	X	X
Judie & Greg Kimpan	480 Kenda Hill Leonard, MI 48367	48367	Peppereduck@yahoo.com	X		X
Wendi Shotts	32315 Country Pl Warren MI	48093	me_kitty626@yahoo.com	X	X	X
Cheryl Riva Farrell	29167 Glendale	48088	Rivaleef@ <del>me</del> farrell@gmail	✓	✓	✓
Dalia Shaman	37171 Clubhouse Dr. Sterling Hts, MI 48312	48312	dalia_shaman@yahoo.com	X	X	X
Theresa Hazard	1848 Old Homestead Dr.	48306	juke7k@yahoo.com	X		X
Endi Piovesana	12852 Kinlock Dr. Sterling Hts MI	48312	endip210@gmail.com	X	X	X



# Native Seed Collection Training

10/7/21

Name	Email	Signature	Do you want to be on our email list? Y/N
✓ Amy Oparka			
✓ Janet Collingwood			
✓ Gloria Bonczar			
✓ Spencer Point	pointspencer93@gmail.com	<i>Spencer Point</i>	yes
✓ Taylor Haugen	thaugen1998@gmail.com	<i>Taylor Haugen</i>	
✓ Dena Scher	dscher2015@gmail.com		
Lily Tang	xiaomi_1@hotmail.com		
✓ Julie Bergesen	jgbergesen@gmail.com		
✓ Stephanie Petriello	petriellos@oakgov.com	<i>Stephanie Petriello</i>	already on it
Monica Walker	moniwalk@umich.edu		
Matthew Welc			
Dalia Shaman	Dalia_shaman@yahoo.com		
✓ Rick Jones	rickj6228@gmail.com	<i>Rick Jones</i>	
✓ Betsy Fidler	BETSEYFIDLER@yahoo.com	<i>B Fidler</i>	Y
Melinda Denninger	mmd0330@aol.com	<i>MMD</i>	Y
✓ Jane Giblin	igiblin705@gmail.com	<i>JGiblin</i>	
Deb Simkowski	Dsimkowski@gmail.com		
Kelly Quinn	trillumpink@gmail.com	<i>Kelly Quinn</i>	yes
Pegg Glynn	pglynn1953@gmail.com		
✓ Stacey McFarlane		<i>Stacey McFarlane</i>	
✓ Sharon Hoglelund	sharon.marie.hoglelund@gmail.com	<i>Sharon Hoglelund</i>	
✓ Ray Lalonde	raymond.lalonde@gmail.com	<i>Ray Lalonde</i>	all ready on it
✓ Tom West	westtom5181@gmail.com		
Suzanne Johnson	zan248@comcast.net	<i>S Johnson</i>	yes
Mary Underwood	unbake@hotmail.com	<i>M Underwood</i>	
Jill Dunphy	jkdunphy@comcast.net	<i>Jill Dunphy</i>	Y

Donna Dillon

DDillon2@juno.com

Donna Dillon

Senta Masalskis

senta.rohn@gmail.com

Senta Masalskis

PAUL MASALSKIS

drmasalskis@gmail.com

Paul Masalskis

✓ Tom West

westtom5181@gmail.com

Tom West

✓ Amy Oparka

AIM513@wowway.com

✓ JANET COLLINGWOOD

✓ GLORIA BONCZAR

✓ Dena Scher

Robert Boyce robert@boycemargin.com

Julie Bergesen

jgbergesen@gmail.com

Welcome to the Soundscape Workshop with CRWC and Six Rivers

7/15/2021

Name	Email
Helen Kobbke ELTON	HELK310@AZ.COM
RICHARD ELTON	" "
Brida Swanson	swanlakepastries@yahoo.com
DAVE WATSON	davewb@gmail.com
Helen Watson	helenawatson1@gmail.com
Jayne Watson	jaynepom@gmail.com
Dean Masters	mivoen42@yahoo.com
Lucy Sternburgh	Lucy.sternburgh@gmail.com
ADAM STERNBURGH	" " "

Location	Attendance
Virtual via Zoom	34
Virtual via Zoom	46
Virtual via Zoom	21
Virtual via Zoom	41
Virtual via Zoom	34
Virtual via Zoom	44
Total attendance	220

## Topics

Keeping it on the Land: EGLE's Nonpoint Source Program to protect water quality in Southeast Michigan // Jack Cc

A Look Back in History: Protecting Clean Water for 50 Years (CRWC presents)

John DeLisle - Green Infrastructure EcoDesign and Considerations

Tom Alwin (EGLE) - AIS affects on stormwater management

Katie Grantham (SEMCOG) -

Eric Diesing "Why are urban streams sick?: Diving into the impacts of stormwater, development and recreation"

strone, EGLE

# Stonefly Training 1/11/20

entered

Name	Email
1) Frank Coronado	FCoronado2@att.net
2) KEVIN BURCH	KPBMACOM3@YAHOO.COM
3) KEELTON BURCH	bbkelton@gmail.com
4) KURT TESNOW	KLTESNOW@AOL.COM
5) Cathy Rauckis	crauckis@yahoo
6) Chris Dotson	dotsonch@yahoo.com
7) Katy Modrak	Sewmom2@snet.com
8) Endi Piovesana	endip210@gmail.com
9) STEPHEN FAUST	info@scrivener.org
10) Doreen Kephart	kephartdoreen@gmail.com
11) Mary Bonawitz	mbonawitz@yahoo.com
12) Andrea McCune	abolters@gmail.com
13) William McCune	wsmccune@gmail.com
14) Paul Kubicek	kubicek@oakland.edu
15) CINDY PHARRIS	Cindyanne207@hotmail.com
16) Warren DeWitt	warx2en@hotmail.com





entered

# Volunteer Sign-in



Event name: Stonefly Search      date: 1-25-20      organization: CRWC      Location: CRWC office / H<sub>2</sub>O shed/wide

First Name	Last Name	Zip Code	E-mail Address
Bruce	Grunke	48146	gmb.5691@gmail.com
Frank	Coronado	48309	FCoronado2@aol.net
SCOTT	VOTAW	48306	SCOTT.A.VOTAW@GMAIL.COM
Chuck	KOERBER	48088	CKOERBER@AOL.COM
Sheana	Colonnello	48038	aka bella@comcast.com
Mary	BONAWITZ	48309	mbonawitz@yahoo.com
Kelton	Burn	48044	bbkelton@gmail.com
KEVIN	Burch	48044	KPBMACORNB@YAHOO.COM
Mike	Sinclair	48306	MSINCLAIR23@gmail.com
Duncan	Sinclair	48306	"
Jim	Powers	48371	jipowers53@gmail.com
Mike	Sobieski	48021	mps5446@yahoo.com
HEATHER	SOBIESKI	48021	HEATHERSOBIE@outlook.com
Joseph	Valentic	48051	joevalentic73@gmail.com
MARLEYN	DANICH	48093	marleyn-danich@gmail.com
JOE	TURNER	48085	jturner714@yahoo.com
Justin	Northcutt	48306	justin.northcutt@outlook.com
Jenson	Northcutt	48306	"
STEPH	TRUST	48060	info@scrivers.org
Amy	Mecker-Taylor	48060	education@scrivers.org

# Volunteer Sign-in



Event name: STONEFLY SEARCH      date: 1-25-20      organization: CRWC      location: CRWC OFFICE

First Name	Last Name	Zip Code	E-mail Address
MARC	WILSON	48067	MFWILSON61@YAHOO.COM
JANE	MCFARLANE	48067	JANEZMCFARLANE@GMAIL
Scott	Spresney	48306	spresneys@gol.com
Justin	Mouton	48045	JUSTINFELLOU@YAHOO.COM
Randy	Kubrick	48073	kubrick@oakland.edu
Kevin	CARON	48309	KC26@HAGLECCOBYACADEMY.COM
Stacey #1	McFarlane	48036	
Ethan	Loiselle	48036	
Aaron	Loiselle	48036	
Warren	DeWitt	48309	warx2en@hotmail.com
Autumn	Richardson	48015	autumnanrichardson@gmail.com
Peggy	FIN	48387	Margepeg@gmail.com
Brittan	Benedetto	48306	benedettofamily@yahoo.com
Kevin	Wozniak	48350	kspresney@hotmail.com
Chris	Spresney	48306	—
Ken	Koster	48038	Kosterk2219@wowway.com
Jeff	Knobbe	48306	owl_dube@att.net
VMDale Family	multiple	48094	Willase@hotmail.com
Steve & Dale <del>Browne</del>	Browne	48073	daleshannonbrowne@gmail.com / spbrowne1976@yahoo.com
Taylor	Haugen	48044	thaugen1998@gmail.com

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Paint Creek Dutton Rd (SP26)

Team Leader: TU Volunteers

Volunteer Jeff Knobbe

Volunteer Michael Sahrava

Volunteer \_\_\_\_\_

Volunteer \_\_\_\_\_

1-22-22 STONEY 14 - Dutton Rd

Matt Niemiec, Shane + Mariah

JOHN + BARB NOWAKOWSKI

DEAN METTAM

Ken Koster

Rick RADAMAKER CVTY

CHET KILANOWSKI

Colin QUASPER

DAVID HUMPHRIES



*Handwritten mark*

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Stony Creek → SP4 → 31 mi Rd + Mt. Vernon

Team Leader: Joerg Hensel

Volunteer KEVIN BURCH

Volunteer JAKE EMIG

Volunteer Kathy Meloy

Volunteer Claudette Wizniak

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Coyote Joes

Team Leader: Mike Chumbley

Volunteer David Horle

Volunteer Autumn Richardson

Volunteer Peggy Finn

Volunteer Rick Jones

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Wolcott Mill

Team Leader: Dave Putt

Volunteer Melissa Knel

Volunteer Chuck Koerber

Volunteer JOHN ANKLAM

Volunteer \_\_\_\_\_

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Rochester Library

Team Leader: Troop 60

Volunteer: Angie W. Candice Lowry

Volunteer: \_\_\_\_\_

Volunteer: \_\_\_\_\_

Volunteer: ~~Rachel Brown~~

# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: Oakland County Sportsmans Club (OCT)

Team Leader: Christopher Finazzo

Volunteer \_\_\_\_\_

Volunteer \_\_\_\_\_

Volunteer \_\_\_\_\_

Volunteer \_\_\_\_\_



# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: CM9 → Avon Creek

Team Leader: Melissa Gray

Volunteer Frank C

Volunteer Pete Kennedy

Volunteer Corey Ernst

Volunteer ~~Amberlin~~ Amberlin Booth



# Team Member Sign Up

Stonefly Search

Please place your name on a volunteer line. If you are a parent with a child under 12 please place both of your names on the same line.

Team Location: CREW 6 → Dodge Park Sterling Heights

Team Leader: Pronoye Kapali

Volunteer: Jason Swanson

Volunteer: Jim Toscano + Antonia Toscano

Volunteer: \_\_\_\_\_

Volunteer: \_\_\_\_\_