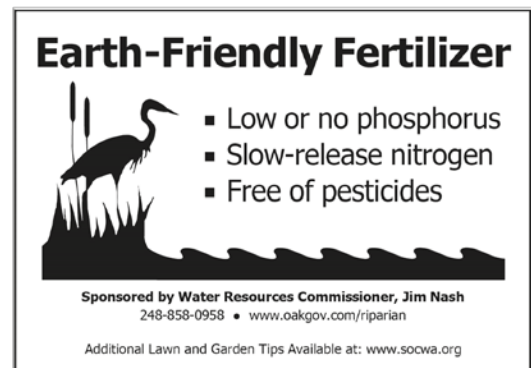

Oakland County Phase II Stormwater Biennial Progress Report Summary for Community Use Prepared by the Oakland County Water Resources Commissioner's Office October 1, 2013 – September 30, 2015

The Oakland County Water Resources Commissioner's Office (WRC) has prepared this summary to assist Oakland County communities in preparing their Phase II Stormwater Biennial Progress Report. The following items represent activities implemented by Oakland County during fiscal years 2014 and 2015 (FY 2014/2015) to protect and restore water resources throughout Oakland County. A complete copy of Oakland County's 2014-2015 Stormwater Biennial Progress Report will be available on the Oakland County Web site: www.oakgov.com/water, after November 1, 2015. For additional information on the programs listed below or other environmental programs offered by the WRC, please contact our Environmental Team at 248-858-0958 or envreq@oakgov.com.

Environmental Program Highlights

Earth-Friendly Fertilizer Sticker Program

Beginning in FY 2015, the WRC coordinated the distribution of the "Earth-Friendly Fertilizer Stickers" to retailers within Oakland County promoting the use of slow-release nitrogen, low or no phosphorus and pesticide-free fertilizers. Twenty-one retailers participated in the program coordinated by WRC and 3,250 stickers were distributed. There were 10 participating stores in the Clinton River watershed, three (3) in the Rouge River watershed and eight (8) in the Huron River watershed.



Household Hazardous Waste Recycling

The Oakland County Waste Resource Management Division sponsored eight household hazardous waste disposal days in FY2014/2015:

- May 31, 2014 and May 16, 2015 at Oxford Middle School in Oxford Twp,
- June 21, 2014 and June 6, 2015 at Oakland University in Rochester,
- August 23, 2014 at Oakland Community College in Waterford,
- August 22, 2015 at North Sashabaw Elementary in Independence Twp,
- September 20, 2014 at Friendship Park in Orion Township and
- September 19, 2015 at Wildwood Amphitheatre in Orion Township.

More than 840,000 pounds of waste was collected during the eight collection events. Over the past thirteen years, residents of more than 35,000 households have disposed of nearly 4 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.

Michigan Green Schools Program

The Michigan Green Schools program assists all Michigan schools – public and private – in achieving environmental goals. These goals include protecting the air, land, water and animals of our state along with world outreach through good ecological practices and the teaching of educational stewardship. Students from pre-kindergarten through high school seniors are targeted. In FY 2014, 191 Oakland County schools have earned the Michigan Green School designation. Fifty-two of the schools also received the special designation of Emerald Schools and 100 schools earned the Evergreen Schools status. An award ceremony was held on April 24, 2014 to honor the schools.

In FY 2015, 178 Oakland County schools earned the Michigan Green School designation. Forty-five of the schools also received the special designation of Emerald Schools and 100 schools earned the Evergreen Schools status. An award ceremony was held on April 28, 2015 to honor the schools.

Information on the program for Oakland County is available on Oakland Schools' [Web site](#).

Oakland County e-Recycle Event

In FY2014, Oakland Schools and Oakland County partnered to hold an e-waste recycling event on May 21, 2014 from 7:30 am - 2:00 pm in the East Parking Lot of the Oakland Schools Building at 2111 Pontiac Lake Road in Waterford. A total of 6,300 pounds of materials were collected. In FY2015, the event was held on May 14, 2015 from 8 am to 2pm and a total of 982 pounds of materials was collected. This was an opportunity for residents of Oakland County to have a safe way to dispose of unwanted electronics so they could be properly recycled and kept out of landfills.

Operation Medicine Cabinet Program

There are currently 32 drop-off sites throughout Oakland County where unused pharmaceuticals can be properly disposed of. Locations include Oakland County Sheriff's offices 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, as well as the Police Departments in Auburn Hills, Beverly Hills Village, Birmingham, Clawson, Farmington Hills, Holly, Keego Harbor, Madison Heights, Rochester, Royal Oak, Southfield, Troy, West Bloomfield and White Lake. Additional information can be found online [here](#).

WRC Storm Drain and Sanitary Sewer Projects Under Development, Under Construction and Recently Completed

The WRC has a complete listing of current, future and recently completed storm drain and sanitary sewer projects that are implemented to protect our natural resources from water pollution and are available on WRC's [web site](#).

Public Education Program Highlights

Art-Fish-Fun Festival

The WRC, in partnership with The Art Experience in Pontiac, hosted the first annual Art-Fish-Fun Festival in Beaudette Park in Pontiac on June 14, 2014. The event is aimed to educate and engage the public in environmental education in a fun-filled way. In addition to environmental exhibitors, the event features fishing with Water Resources Commissioner, Jim Nash, and a barbeque lunch. In FY2014, there were approximately 200 visitors and 14 exhibitors. In FY2015, the event was held on

June 13, 2015 and there were more than 500 visitors and 25 exhibitors. The 2015 festival was put together in collaboration with the WRC, Pure Oakland Water, Clinton River Watershed Council, The Art Experience in Pontiac, and the City of Pontiac.

Clinton River Water Festival

The WRC was part of the planning committee to present the eighth and ninth annual Clinton River Water Festivals at Oakland University in Rochester on May 16, 2014 and May 15, 2015. The Water Festival reached nearly 2,400 fifth grade students in the Clinton River watershed.

Contractor Training Related to Stormwater Management Activities

In FY2013, the WRC added stormwater pollution prevention language to the “Notes” section on its soil erosion and sedimentation control details sheet (available online [here](#)) as part of the WRC’s Soil Erosion and Sedimentation Control Program to address the contractor training requirements of the Phase II Stormwater permit. The stormwater pollution prevention language states:

“While performing work involving grounds maintenance and/or the construction/maintenance of any infrastructure, including roads, water mains, sanitary sewers, storm drains and stormwater best management practices (BMPs), contractors shall minimize pollution from stormwater runoff that can affect water quality related to work activities. Pollutants that could impair water quality may include fuel, grease and oil, nutrients, bacteria and pathogens, litter and debris, and soil erosion and sedimentation. Applicable BMPs shall be implemented by the contractor to the maximum extent practicable to protect water quality and wildlife habitat.”

For those communities that utilize WRC to administer its SESC program (which includes 21 cities, 17 townships and nine villages in Oakland County – see map of community coverage [here](#)), you would be covered by WRC’s SESC program for these requirements.

Oakland County Environmental/Natural Resource-Related Web Sites

The WRC continues to enhance and maintain its Web site: www.oakgov.com/water with county residents in mind. A separate e-mail address is used for handling environmental questions, requests for services and materials at: envreq@oakgov.com. OCPEDS continues to host and update the Oakland County Environmental Stewardship Web site: <https://www.oakgov.com/advantageoakland/communities/Pages/ES.aspx>. The WRC also maintains a Web link to its riparian education information at www.oakgov.com/riparian. The Oakland County Parks and Recreation Commission also hosts a comprehensive Web site: www.destinationoakland.com which features a calendar of events, stewardship opportunities, links to countywide parks and trails and other natural resource-related information for Oakland County.

Kids’ Clean Water Calendar Contest

The WRC received nearly 2,100 entries from fourth and fifth grade students throughout Oakland County for the 2014 and 2015 Calendar Contests. Winning entries were included in 11,250 calendars that were distributed to homeowners, municipalities, businesses and schools throughout Oakland County.

Oakland Lakefront Lifestyles Magazine Advertisements

Public education messages were placed in the April to September issues of *Oakland Lakefront Lifestyles* magazine. The messages included pet care, fertilizers, household hazardous waste disposal, earth-friendly landscaping, septic system maintenance and storm drain awareness. *Oakland Lakefront Lifestyles* is published monthly and reaches approximately 15,400 homeowners on any of 223 lakes within the west and central areas of Oakland County annually.

Oakland County *Dirt Doctors* Program

The Dirt Doctors program is designed to teach children how individual actions affect our waterways. It explains the connections between vegetation, soil erosion and water quality in a fun-filled, interactive way. During FY 2014/2015, the WRC Dirt Doctors educated nearly 2,800 students through 93 presentations at 17 events located in Bloomfield Hills, Detroit, Macomb, Monroe, Pontiac, Rochester Hills, Royal Oak and Walled Lake.

Oakland County *Enviroscape™ Watershed Model* Program

The WRC *Enviroscape™ Watershed Model* program 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. During FY 2014/2015, nearly 1,950 students in 65 different presentations at 15 different events located in Bloomfield Hills, Commerce Twp, Davisburg, Dearborn, Detroit, Macomb, Ortonville, Rochester Hills and West Bloomfield were reached.

Onsite Sewage Disposal (Septic System) Maintenance Education

The WRC published an ad on proper septic system maintenance in the *Oakland Lakefront Lifestyles* magazine in its August 2014 and 2015 issues which reach 15,400 riparian homeowners annually. Proper septic system operation and maintenance education is also provided in the [Waterfront Wisdom booklet](#).

Regional Stormwater Summit

On October 4, 2013, approximately 190 people attended the first annual Regional Stormwater Summit at Lawrence Technological University. The event is held in partnership with LTU, Pure Oakland Water and the WRC. The second annual Summit was held on October 3, 2014 at LTU with approximately 250 attendees. The Summit's purpose is to bring together regional stakeholders to learn more about and share ideas on the latest and greatest information related to stormwater management.

Riparian Education

In June 2008, the WRC completed the development of riparian education materials entitled, "[Waterfront Wisdom-Healthy Habits for Clean Water](#)." The materials consist of a comprehensive booklet, as well as individual pamphlets on each of the seven "Healthy Habits for Clean Water." These materials can be viewed and downloaded at: www.oakgov.com/riparian. As of September 30, 2015, more than 15,800 booklets have been distributed throughout southeast Michigan. There are still copies available free of charge upon request. The booklet has also been specifically adapted to the [Clinton River](#) and [Rouge River](#) watersheds and is available digitally.

Rouge River Water Festival

The WRC partnered with the Cranbrook Institute of Science to present the Water Festival for the Oakland County portion of the Rouge River Watershed. The 11th and 12th annual Cranbrook Water Festival provided an educational and enjoyable learning experience that supports the objectives of school science programs for fourth and fifth grade students. The Water Festivals reached more than 3,100 participants from 25 elementary schools in 9 different Oakland County Rouge Communities (Beverly Hills, Bingham Farms, Birmingham, Bloomfield Hills, Farmington, Farmington Hills, Southfield, Troy and Walled Lake).

Illicit Discharge Elimination Program (IDEP) Summary

[Oakland County 24-Hour Pollution Hotline](#)

The WRC continues to staff the 24-hour Pollution Hotline (248-858-0931) where residents, municipalities and others can call to report surface water pollution in Oakland County.

Oakland County created this Pollution Hotline to address Phase II Stormwater Permit requirements and because individuals and municipalities wanting to report surface water pollution often were unclear about how to do so. This Hotline provides a clearinghouse for surface water pollution complaints resulting in consistent 24-hour response, or referral. Complaints are logged in a database and referred to the appropriate agency for action.

Oakland County received 27 complaints from 15 communities in FY 2014 and 29 complaints from 15 communities in FY 2015. Investigation of these complaints resulted in the identification and elimination of 37 illicit discharge sources. An illicit discharge is pollution draining to surface water or the dumping of polluting material that can impact surface water.

A summary of complaint investigations is provided in the tables below.

Summary of FY 2014 WRC Pollution Hotline Complaint Investigations

Community	Number of			Source of Discharge
	Complaints	Illicit Discharges	Illicit Discharges Corrected	
Auburn Hills	3	3	3	Diesel Fuel Spill - Bus leak, Diesel Fuel Spill – AST, Asphalt Binder Spill - Vehicle Accident
Bloomfield Hills	2	1	1	Sediment - School Construction Site
Ferndale	1	1	1	Fuel Spill - Industrial Accident
Groveland Twp.	1	0	0	NA
Highland Twp.	2	0	0	NA
Orion Twp.	1	1	1	Sediment - Commercial Construction Site
Oxford Twp.	1	1	1	Sediment - Residential Construction Site
Pontiac	7	1	1	Sanitary Sewage – Broken House Lead
Rochester Hills	1	0	0	NA
Royal Oak	1	1	1	Diesel Fuel Leak - Parked Truck
Troy	2	2	2	Illegal Dumping - Used Oil, Floor Cleaning Wash Water
Walled Lake	2	0	0	NA
Warren	1	1	1	Illegal Dumping - Yard Waste
Waterford Twp.	1	0	0	NA
West Bloomfield	1	1	1	Fertilizer Spill - Applicator Truck Equipment Malfunction
Totals: 15 Communities	27	13	13	

Summary of FY 2015 WRC Pollution Hotline Complaint Investigations

Community	Number of			Source of Discharge
	Complaints	Illicit Discharges	Illicit Discharges Corrected	
Beverly Hills	1	0	0	NA
Commerce Twp.	2	2	2	SSO - Sewage
Highland Twp.	1	1	1	Road Construction - Sediment
Lake Orion Village	1	1	1	Road Vehicle Spill - Salt Brine
Lyon Twp.	1	0	0	NA
Oakland Twp.	1	1	1	Illegal Dumping - Paint
Pontiac	11	10	10	Spills (3) - Hydraulic Fluid, Diesel Fuel, Oil Sanitary Spill (1) SSOs (4) Illegal Dumping (2) - Trash, Oil
Rochester Hills	1	1	1	Vehicle Accident - Gasoline
South Lyon	1	1	1	Illegal Dumping - Water Softener
Southfield	1	1	1	SSO - Sewage
Troy	2	2	2	Facility Spill - Oil Industrial Fire - Fuel / Water/ Fire Suppression Mix
West Bloomfield Twp.	1	1	1	Failed Septic - Sewage
Warren	1	1	1	Industrial Discharge - Oil
Waterford Twp.	2	1	1	Construction Debris - Stucco Paint Product
White Lake Twp.	2	1	1	Illegal Dumping - Yard Waste
Totals: 15 Communities	29	24	24	

Outfall/Discharge Point Surveys and Illicit Discharge Investigations

WRC continues to conduct stormwater outfall/discharge point surveys and follow-up investigations to locate and eliminate pollution from our waterways. An outfall/discharge point survey consists of GPS point location and illicit discharge screening, which includes visual inspection and sampling.

In FY 2014, surveys were conducted at 47 outfall/discharge points located along 30 County Drains in 6 communities within the Rouge River watershed. Below is a summary of all of the WRC County Drain inspections by community in the Rouge River watershed for FY 2014, and it is indicated whether or not a suspected discharge was found and if the illicit discharge was corrected.

FY 2014 Summary of WRC County Drain Dry Weather Screenings and IDEP Investigations

WRC Drain Name	MS4 O/DP	Community	Watershed	Suspected Discharge	IDEP Investigation	Discharges Discovered	Discharges Corrected	Source
Austin Drain	1	Southfield	Rouge	Yes	No	0	0	NA
Bloomfield Highlands Drain	1	Bloomfield Twp.	Rouge	No	No	0	0	NA
Clarenceville Drain (1)	0	Farmington Hills	Rouge	Yes	Yes	2	2	Residential Sanitary
Claude H. Stevens Drain	2	Bloomfield Twp.	Rouge	Yes	Yes	0	0	NA
Coy Drain	1	Farmington Hills	Rouge	No	No	0	0	NA
Daly Drain	3	Bloomfield Twp.	Rouge	No	No	0	0	NA
Devonshire	1	Bloomfield Twp.	Rouge	Yes	No	0	0	NA
Hazel Drain (1)	0	Farmington Hills	Rouge	Yes	Yes	4	4	Residential Sanitary
Law Drain	2	Bloomfield Twp.	Rouge	Yes	Yes	1	1	Residential Sanitary

WRC Drain Name	MS4 O/DP	Community	Watershed	Suspected Discharge	IDEP Investigation	Discharges Discovered	Discharges Corrected	Source
Fracassi Drain	7	Southfield	Rouge	Yes	No	0	0	NA
Eight Mile Drain	1	Southfield	Rouge	Yes	No	0	0	NA
Leuders Drain	1	Troy	Rouge	No	No	0	0	NA
Lynn D Allen	1	Bloomfield Twp.	Rouge	Yes	No	0	0	NA
McClung Drain	1	Southfield	Rouge	Yes	No	0	0	NA
McDonnel Drain	1	Southfield	Rouge	No	No	0	0	NA
Minnow Pond Drain	3	Farmington Hills	Rouge	No	No	0	0	NA
Morgan Drain	3	Southfield	Rouge	No	No	0	0	NA
Murphy Drain	1	Bloomfield Twp.	Rouge	No	No	0	0	NA
Nichols Drain	1	Bloomfield Twp.	Rouge	Yes	No	0	0	NA
Northwestern Drain	1	Southfield	Rouge	No	No	0	0	NA
Oak Knob Drain	1	Southfield	Rouge	No	No	0	0	NA
Owens Drain	5	Southfield	Rouge	No	No	0	0	NA
Oxford Ave Drain (1)	0	Farmington Hills	Rouge	Yes	Yes	2	2	Residential Sanitary
Pearl St Drain (1)	0	Farmington Hills	Rouge	Yes	Yes	6	6	Residential Sanitary
Peterson Drain	1	Southfield	Rouge	No	No	0	0	NA
Randolph Street Drain	1	Northville	Rouge	No	No	0	0	NA
Robert A. Reid Drain	1	Bloomfield Twp.	Rouge	No	No	0	0	NA
Rummell Relief Drain	1	Southfield	Rouge	No	No	0	0	NA
Sherman Drain	1	Southfield	Rouge	No	No	0	0	NA
Southfield Rd Drain	1	Southfield	Rouge	No	No	0	0	NA
Towline Drain	1	Novi / Farmington Hills	Rouge	Yes	No	0	0	NA
US 16 Drain	1	Farmington	Rouge	Yes	Yes	0	0	NA
Wagner Drain	1	Southfield	Rouge	Yes	No	0	0	NA
Drains Surveyed	O/DP	Communities	Watersheds	Suspect Drains	Drains Investigated	Illicit Discharges Discovered	Illicit Discharges Corrected	
30	47	6	1	16	7	15	15	

(1) Ongoing Investigation of suspect sanitary misconnections to the Clarenceville ,Oxford Ave, Hazel, and Pearl St. Drains in Farmington Hills completed in 2014

In summary, during FY 2014, 28 illicit discharges were discovered by WRC during complaint investigations, discharge point surveys and follow-up investigations. Of these, a total of 28 illicit discharges were corrected with the identified sources being eliminated.

The following pollutants were removed through the County's IDEP in FY 2014:

Pollutant	Source	Rouge		Clinton		Total
		No.	Estimated amt.	No.	Estimated amt.	
Sewage	Illicit Connections	12	1,095,000 gal			1,460,000 gal
	Misconnected Septics	3	273,750 gal			
	Broken Sanitary			1	91,250 gal	
Fuels, Oil & Grease	Illegal Dumping			1	55 gal	5,695 gal
	Spills / Accidents			4	5640 gal.	
Soaps/ Detergents	Illegal Dumping			1	50 gal	50 gal
Sediment	Const. Sites	1	Not Estimated	2	Not Estimated	Not Estimated
Liquid Fertilizer	Spill	1	150 gal			150 gal
Yard Waste	Illegal Dumping			1		50 yds
Asphalt Binder	Spill / Accident			1		150 gal

No illicit discharges were discovered in the Flint River, Huron River or Shiawassee River Watersheds in FY 2014.

During FY 2015, surveys and dry weather screening were conducted at 83 discharge points in 17 communities located on 69 county drains in the Rouge River, Huron River and Clinton River Watersheds.

Below is a summary of all of the WRC County Drain inspections by community and watershed for FY 2015, and it is indicated whether or not a suspected discharge was found and if the illicit discharge was corrected.

FY 2015 Summary of WRC County Drain DWS and IDEP Investigations

WRC Drain Name	MS4 Outfalls / DPs	Community	Watershed	Suspected Discharges	IDEP Investigations	Discharges Discovered	Discharges Corrected	Source
Amy Drain*	1	Bloomfield Twp	Rouge	No	Yes	0	0	
Austin Drain*	1	Southfield	Rouge	Yes	Yes	Pending	0	Unknown
Beechmont Drain	1	Keego Harbor	Clinton	No	No	0	0	
Blue Heron Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
C.H Stevens *	3	Bloomfield Twp	Rouge	Yes	Yes	0	0	Unknown
Caddell Drain	1	Farmington Hills	Rouge	Yes	No	0	0	
Coy Drain	1	Farmington Hills	Rouge	Yes	No	0	0	
Davis Drain	1	Novi	Rouge	No	No	0	0	
Deconick Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Dequindre Rd Drain	1	Warren	Clinton	No	No	0	0	
Devonshire Drain *	1	Bloomfield Twp	Rouge	Yes	Yes	Pending	0	Unknown
Donahue Drain	3	W. Bloomfield Twp	Rouge	No	No	0	0	
Dorothy Webb Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Doyon Drain	2	W. Bloomfield Twp	Clinton	Yes	No	0	0	
Dunleavy Drain	1	Hazel Park	Clinton	Yes	No	0	0	
Edwards Drain	2	W. Bloomfield Twp	Rouge	No	No	0	0	
Four Towns Drain	1	Waterford	Clinton	No	No	0	0	
Fracassi Drain *	1	Southfield	Rouge	Yes	Yes	Pending	0	Unknown
Francis Drain	2	Farmington Hills	Rouge	No	No	0	0	
Franklin Subwatershed Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Greenaway Drain	1	Wolverine Lake	Huron	No	No	0	0	
GWK North Drain	1	Madison Heights	Clinton	No	No	0	0	
GWK South Drain	1	Madison Heights	Clinton	No	No	0	0	
Hayes Drain	1	Commerce Twp	Huron	No	No	0	0	
Henry Graham Drain	2	Madison Heights	Clinton	No	No	0	0	
Herring Drain	1	Hazel Park	Clinton	No	No	0	0	
Holden Drain	1	Wixom	Huron	No	No	0	0	
Jacobs Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Jamian Drain	1	W. Bloomfield Twp	Rouge	Yes	No	0	0	
Kaczmar Drain	1	Hazel Park	Clinton	Yes	No	0	0	
Kemp Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Kollar Drain	1	W. Bloomfield Twp	Rouge	Yes	No	0	0	
Law Drain *	2	Bloomfield Twp	Rouge	No	Yes	0	0	
Lochaven Drain	1	Waterford	Clinton	No	No	0	0	
Mclvor Drain	1	Waterford	Clinton	Yes	No	0	0	
Montante Drain	1	W. Bloomfield Twp	Clinton	Yes	No	0	0	
Lynn D. Allen *	1	Bloomfield Twp	Rouge	No	Yes	0	0	
Lyon No 1 Drain	1	Lyon Twp	Huron	No	No	0	0	
McClung Drain *	1	Southfield	Rouge	No	Yes	0	0	
Minnow Pond Drain	3	Farmington Hills	Rouge	Yes	No	0	0	
Mullen Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	

WRC Drain Name	MS4 Outfalls / DPs	Community	Watershed	Suspected Discharges	IDEP Investigations	Discharges Discovered	Discharges Corrected	Source
Nichols Drain *	1	Bloomfield Twp	Rouge	No	Yes	0	0	
Norton Drain	1	Milford	Huron	No	No	0	0	
Orchard Hills Orchard	1	Farmington Hills	Rouge	No	No	0	0	
Otter Drain	1	Waterford	Clinton	No	No	0	0	
Patton Drain	1	Wixom	Huron	No	No	0	0	
Pebble Creek Drain	2	Farmington Hills	Rouge	No	No	0	0	
Powers Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Randolph St Drain	1	Plymouth Twp	Clinton	Yes	No	0	0	
Red Run Drain	1	Warren	Huron	Yes	No	0	0	
Sayre Drain	1	South Lyon	Huron	No	No	0	0	
Schmid Drain	3	Keego Harbor	Clinton	No	No	0	0	
Sibley Drain	1	Wixom	Huron	No	No	0	0	
Sinclair Drain	1	Lyon Twp	Huron	No	No	0	0	
Six Points Drain	1	Lyon Twp	Huron	No	No	0	0	
South Lyon No 1 Drain	1	Lyon Twp	Huron	No	No	0	0	
Sump Drain	1	Plymouth Twp	Rouge	Yes	No	0	0	
Taylor Ladd Drain	1	Wixom	Huron	No	No	0	0	
Townline Drain *	1	Novi	Rouge	No	Yes	0	0	
Tribute Drain	1	Wixom	Huron	No	No	0	0	
U.S. 16 Drain*	1	Farmington	Rouge	Yes	Yes	Pending	0	Unknown
Underhill Drain	1	South Lyon	Huron	No	No	0	0	
Wagner Drain *	1	Southfield	Rouge	No	Yes	0	0	
Walker Drain	1	Madison Heights	Clinton	Yes	No	0	0	
Ward Drain	1	W. Bloomfield Twp	Rouge	No	No	0	0	
Wessinger Drain	1	Milford Twp	Huron	No	No	0	0	
Wilson Drain	1	Madison Heights	Clinton	No	No	0	0	
Yerkes Drain	1	Green Oaks Twp.	Huron	Yes	No	0	0	
Drains Surveyed	Outfalls / DPs Screened	Communities	Watersheds	Suspect Drains	Drains Investigated	Illicit Discharges Discovered	Illicit Discharges Corrected	
69	83	17	3	20	12	0	0	

*Illicit Discharge elimination work was completed in FY 2014 on four (4) County Drains in Farmington Hills which began under a Rouge ARC Grant carried out in FY 2011 - FY 2013. Fifteen (15) illicit discharges were identified and eliminated. WRC completed an evaluation and investigation of an additional twelve (12) County Drains in Farmington, Southfield and Bloomfield Twp. with additional Rouge ARC funding issued in FY 2015. This work identified five (5) County Drains which are scheduled for illicit discharge investigation and elimination work in FY 2016. Final project reports are available upon request.

In summary, during FY 2015, 24 illicit discharges were discovered by WRC during complaint investigations, outfall/discharge point surveys and follow-up investigations. Of these, a total of 24 illicit discharges were corrected with the identified sources being eliminated.

The table below outlines the pollutants removed through the County's IDEP in FY 2015:

Pollutant	Source	Rouge		Clinton		Huron		Total
		No.	Estimated amt.	No.	Estimated amt.	No.	Estimated amt.	
Sewage	Failed Septic	1	54,750 gal					6,427,454 gal
	Spills			1	50 gal			
	SSOs	1	6,350,000 gal	4	2,154 gal	2	20,500 gal	
Fuels, Oil & Grease	Illegal Dumping			1	Not Estimated			450 gal
	Spills/ Accidents			6	450 gal			
Sediments	Construction Site					1	Not Estimated	Not Estimated
Hydraulic Fluid	Industrial Discharge			1	90 gal			90 gal
Paint / Paint Products	Illegal Dumping / Construction Site			2	Not Estimated			Not Estimated
Salt Brine/ Water Softener	Vehicle Spill / Illegal Dumping			1	20 gal	1	50 gal	70 gal
Trash / Yard Waste	Illegal Dumping			1	Not Estimated	1	10 yd ³	10 yd ³

No illicit discharges were found in the Flint River and Shiawassee River Watersheds in FY 2015.