

OAKLAND COUNTY MS4
Water Resources Commissioner's Office (WRC)
Municipal Facility Inventory and Assessment
MARCH 2023

I. POLICY:

This policy is to establish procedures for inventorying and assessing WRC-owned or operated facilities and stormwater structural controls with a discharge of stormwater to surface waters of the state.

II. BACKGROUND:

The EGLE NPDES Phase II Stormwater Discharge Permit requires a procedure for identifying applicant-owned or operated facilities and stormwater structural controls with a discharge of stormwater to surface waters of the state. The inventory shall include the location of each facility and an estimate of the number of structural stormwater controls. This procedure also includes a process for updating and revising this inventory, a process for assessing each facility for the potential to discharge pollutants to surface waters of the state, and a prioritization of each facility based on the potential to discharge pollutants to surface waters of the state.

III. MUNICIPAL INVENTORY AND ASSESSMENT:

Outlined in the table below is a list of WRC facilities and Drainage Districts with a discharge of stormwater to surface waters of the state. The estimated number of stormwater structural controls is identified for each site/Drainage District, along with the priority level of potential discharge of pollutants to waters of the state.

WRC Facility Name and Address	Estimated # of Stormwater Structural Controls*	Priority Level of Potential Discharge (High, Med, Low)**	Presence of Assessment Factors***	BMP's Implemented to reduce pollutant runoff at Med or Low priority facilities
Bloomfield Village Retention Treatment Basin 1200 S. Cranbrook, Birmingham, 48009	4	Low	0	<ul style="list-style-type: none"> Catch basin inspections and cleaning

WRC Facility Name and Address	Estimated # of Stormwater Structural Controls*	Priority Level of Potential Discharge (High, Med, Low)**	Presence of Assessment Factors***	BMP's Implemented to reduce pollutant runoff at Med or Low priority facilities
George W. Kuhn Retention Treatment Basin 1400 Ajax Dr, Madison Heights, 48071	2	Low	0	<ul style="list-style-type: none"> • Catch basin inspections and cleaning
Septage Unloading Facility - Oakland Avenue Site 1235 Cesar E. Chavez, Pontiac, 48326	1	Med	1, 3	<ul style="list-style-type: none"> • Catch basin inspections and cleaning
Septage Unloading Facility - 8 Mile Road Site 22410 8 Mile Rd West, Southfield, 48034	1	Med	1, 3	<ul style="list-style-type: none"> • Catch basin inspections and cleaning
8 Mile Rd Pump Station 22410 8 Mile Rd West, Southfield, 48034	2	High	1, 3	<ul style="list-style-type: none"> • See SPCC
Water and Sewer Billing Office 2636 Dixie Hwy, Waterford, 48328	5	Low	0	<ul style="list-style-type: none"> • Catch basin inspections and cleaning

WRC Facility Name and Address	Estimated # of Stormwater Structural Controls*	Priority Level of Potential Discharge (High, Med, Low)**	Presence of Assessment Factors***	BMP's Implemented to reduce pollutant runoff at Med or Low priority facilities
Water Booster Station and Water Maintenance Building 522 S. Opdyke, Pontiac, 48341	25	High	1	<ul style="list-style-type: none"> • See SWPPP and SPCC
Pump Maintenance Building 4860 Pontiac Lake Rd, Waterford, 48328	3	High	1	<ul style="list-style-type: none"> • See PIPP
Walnut No. 1 Pump Station 7450 Inkster Rd, Farmington Hills, 48336	0	High	1, 3	<ul style="list-style-type: none"> • See SPCC
Elizabeth Lake Pump Station 3302 Elizabeth Lake Rd, Waterford, 48328	2	High	1, 3	<ul style="list-style-type: none"> • See SPCC
Clinton River Water Resource Recovery Facility & Septage Unloading Facility 155 Opdyke, Pontiac, 48342	39	High	1	<ul style="list-style-type: none"> • See SWPPP, PIPP and SPCC

WRC Facility Name and Address	Estimated # of Stormwater Structural Controls*	Priority Level of Potential Discharge (High, Med, Low)**	Presence of Assessment Factors***	BMP's Implemented to reduce pollutant runoff at Med or Low priority facilities
East Blvd WWTP 274 Martin Luther King Dr, Pontiac, 48342	3	High	1	<ul style="list-style-type: none"> • See SWPPP, PIPP and SPCC
Commerce Township WWTP 649 Welch Rd, Walled Lake, 48390	20	High	1	<ul style="list-style-type: none"> • See SWPPP, PIPP and SPCC
Walled Lake / Novi WWTP 46351 West Rd, Novi, 48377	15	High	1	<ul style="list-style-type: none"> • See SWPPP and PIPP
Chapter 4 Drainage Districts	515	Low	0	<ul style="list-style-type: none"> • Catch basin/inlet inspections and cleaning • Detention/retention pond inspections and maintenance
Chapter 5 Drainage Districts	10	Low	0	<ul style="list-style-type: none"> • Catch basin inspections and cleaning
Chapter 18 Drainage Districts	5,547	Low	0	<ul style="list-style-type: none"> • Catch basin/inlet inspections and cleaning • Detention/retention pond and sediment basin inspections and maintenance • Pump station maintenance • Manufactured Treatment Device inspections and cleaning • Street sweeping (performed by RCOC)

WRC Facility Name and Address	Estimated # of Stormwater Structural Controls*	Priority Level of Potential Discharge (High, Med, Low)**	Presence of Assessment Factors***	BMP's Implemented to reduce pollutant runoff at Med or Low priority facilities
Chapter 20 Drainage Districts	3,467	Low	0	<ul style="list-style-type: none"> • Catch basin/inlet inspections and cleaning • Detention/retention pond and sediment basin inspections and maintenance • Pump station maintenance • Manufactured Treatment Device inspections and cleaning
Chapter 21 Drainage Districts	92	Low	0	<ul style="list-style-type: none"> • Catch basin inspections and cleaning

*See attached Oakland County Facility Listing for a breakdown of the estimated number of stormwater structural controls for each BMP type at each facility location.

**For facilities that have a high potential to discharge pollutants to surface waters of the state, a Stormwater Pollution Prevention Plan (SWPPP), Pollution Incident Prevention Plan (PIPP) for salt and/or chemical storage, and/or a Spill Prevention Control and Countermeasure (SPCC) plan for oil storage has been developed. These documents are available from WRC upon request.

***For facilities that have a medium or low potential for the discharge of pollutants to surface waters of the state, each facility was evaluated for the presence of the following factors:

0. Absence of any factors
1. Presence of urban pollutants stored at the site (i.e. sediment, nutrients, metals, hydrocarbons, pesticides, fertilizers, herbicides, chlorides, trash, bacteria, or other site-specific pollutants)
2. Identification of improperly stored materials
3. Potential for polluting activities to be conducted outside (i.e. vehicle washing)
4. Proximity to waterbodies
5. Poor housekeeping practices
6. Discharge of pollutants of concern to impaired waters

This inventory will be updated every five (5) years (upon reapplication for stormwater permit coverage) to reassess facilities and structural stormwater controls that have been added, removed, or are no longer owner or operated by WRC. Priority level assessments will be revised within 30 days

prior to discharging stormwater at a new facility, or when the storage of materials, equipment, or vehicles changes at a facility.

Best Management Practices (BMPs) were identified for each facility with low or medium potential to discharge pollutants to surface waters of the state. For all low facilities where no assessment factors are present, catch basin cleaning and street sweeping will be performed as indicated in the applicable procedures for these activities. For all medium facilities, the appropriate BMPs were considered based on the assessment factor present to prevent or minimize the potential for pollutants from entering surface waters of the state.

Oakland County Facility Listing with Stormwater BMP Counts
Updated March 2023

Oakland County Department	Facility Type	Facility Name	Address	City	State	Zip	Catch Basins	Rear yard Catch Basins	Standard Inlet	Yard Inlet	Detention/Retention Basins	Oil/Water Separator	Pump Stations	Vegetated Swales	Constructed Wetlands	Porous Pavement	Rain Gardens	Sediment Basins (stilling basin & sediment forebay)	Manufactured Treatment Devices (i.e. oil/grit separators, swirl chambers, etc.)	TOTAL BMP COUNT	NOTES	
WRC	Retention Treatment Basin	Birmingham Retention Treatment Basin (BR RTB)	700 Linden	Birmingham	MI	48009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PIPP
WRC	Retention Treatment Basin	Bloomfield Village Retention Treatment Basin (BV RTB)	1200 S. Cranbrook	Birmingham	MI	48009	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	PIPP
WRC	Septage Unloading Facility	Oakland Avenue Site	1235 Cesar E. Chavez	Pontiac	MI	48326	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
WRC	Septage Unloading Facility	8 Mile Road Site	22410 Eight Mile Rd West	Southfield	MI	48034	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	SPCC
WRC	Administration	Billing Services	2636 Dixie Hwy	Waterford	MI	48328	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
WRC	Administration/Storage Yard	Systems Control/Water Maintenance Building	522 S. Opdyke	Pontiac	MI	48341	19	0	0	0	1	0	0	0	0	0	0	0	0	0	20	SWPPP and SPCC
WRC	Administration/Storage Yard	Pump Maintenance	4860 Pontiac Lake Rd	Waterford	MI	48328	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	PIPP
WRC	Sewage Pump Station	Walnut No. 1 Pump Station	7450 Inkster Rd	Farmington Hills	MI	48336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	SPCC
WRC	Sewage Pump Station	Elizabeth Lake Pump Station	3302 Elizabeth Lake Rd	Waterford	MI	48328	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	SPCC
WRC	Sewage Pump Station	Perry Street Diversion	Galloway Park	Pontiac	MI	48342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Sewage Pump Station	8 Mile Road Pump Station	22410 Eight Mile Rd West	Southfield	MI	48034	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
WRC	WRRF/Septage Unloading Facility	Clinton River Water Resource Recovery Facility	155 Opdyke	Pontiac	MI	48342	35	0	0	0	1	1	0	0	0	0	0	0	2	0	39	SWPPP, PIPP and SPCC
WRC	WWTP	Pontiac Wastewater Treatment Plant - East Blvd Plant	274 Martin Luther King Drive	Pontiac	MI	48342	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	SWPPP, PIPP and SPCC
WRC	WWTP	Commerce Township Wastewater Treatment Plant (CT WWTP)	649 Welch Rd	Walled Lake	MI	48390	18	0	0	0	1	0	0	0	0	0	0	1	0	0	20	SWPPP, PIPP and SPCC
WRC	WWTP	Walled Lake - Novi Wastewater Treatment Plant (WLN WWTP)	46351 West Road	Novi	MI	48377	12	0	0	0	3	0	0	0	0	0	0	0	0	0	15	SWPPP & PIPP
WRC	Well House	Highland Valley	831 Scott	Highland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Well House	Huntwood Place	2475 Elk Ridge/Foxgrove	Highland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Well House	Prestwick Village	701 Perthshire Ct	Highland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Well House	New Hudson	28800 South Hill Rd	Lyon Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Well House	Country Creek	3650 Silver Bell Rd	Oakland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Well House	The Crossings	3335 Kern Rd	Oakland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Water Treatment Plant	Woodwind	54326 Ten Mile Rd	Lyon Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Water Treatment Plant	Oakland Hunt	3151 Collins Rd	Oakland Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Water Treatment Plant	Dunlap/Granger	100 Dunlap Rd	Oxford Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Water Treatment Plant	Oxford Woods	1305 Queens Dr	Oxford Township	MI		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Chapter 4 Drainage Districts	Chapter 4 Drainage Districts	Throughout Oakland County				445	0	60	0	10	0	0	0	0	0	0	0	0	0	515	
WRC	Chapter 5 Drainage Districts	Chapter 5 Drainage Districts	Throughout Oakland County				10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
WRC	Chapter 18 Drainage Districts	Chapter 18 Drainage Districts	Oakland and/or West Bloomfield Townships				3,281	427	1,508	42	235	0	1	0	0	0	0	47	6	5,547		
WRC	Chapter 20 Drainage Districts	Chapter 20 Drainage Districts	Throughout Oakland County				2,886	31	485	0	45	0	8	0	0	0	0	7	5	3,467		
WRC	Chapter 21 Drainage Districts	Chapter 21 Drainage Districts	Throughout Oakland County				88	0	1	2	0	0	0	0	0	0	0	1	0	92		
WRC TOTALS							6,817	458	2,054	44	296	1	9	0	0	0	0	56	13	9,748		

Federal Law requires that a facility with a fuel and oil capacity of 1320 gallons stored above ground contained in 55 gallon containers or larger or underground capacity of more than 42,000 gallons develop and have on-site for review a Spill Prevention Control and Countermeasure (SPCC) Plan. The State of Michigan requires a Pollution Incident Prevention Plan (PIPP) when a facility stores polluting materials such as solvents, coolants, and acids in containers of 10 gallons or 100 pounds or more or any defined polluting material(R 324.2009) in any discrete use indoors in quantities over 2200 pounds or outdoors over 440 pounds.