

OAKLAND COUNTY MS4
Water Resources Commissioner's Office (WRC)
Municipal Facility Inventory and Assessment
MAY 2021

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 Application 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 (Stormwater Permit Application Item Nos.# 60, 62, 63, 64, 70).

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 (60, 64).

WRC Facility Name	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	4	Low	0	<ul style="list-style-type: none"> Catch basin inspections and cleaning
George W. Kuhn Retention Treatment Basin	2	Low	0	<ul style="list-style-type: none"> Catch basin inspections and cleaning

WRC Facility Name	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
Septage Unloading Facility - Oakland Avenue Site	1	Med	1, 3	<ul style="list-style-type: none"> Catch basin inspections and cleaning
Septage Unloading Facility - 8 Mile Road Site	1	Med	1, 3	<ul style="list-style-type: none"> Catch basin inspections and cleaning
8 Mile Rd Pump Station	2	High	1, 3	<ul style="list-style-type: none"> See SPCC
Water and Sewer Billing Office	5	Low	0	<ul style="list-style-type: none"> Catch basin inspections and cleaning
522 S. Opdyke (Water Booster Station and Water Maintenance Building)	18	High	1	<ul style="list-style-type: none"> See SWPPP and SPCC
Pump Maintenance Building	3	High	1	<ul style="list-style-type: none"> See PIPP
Walnut No. 1 Pump Station	0	High	1, 3	<ul style="list-style-type: none"> See SPCC
Elizabeth Lake Pump Station	2	High	1, 3	<ul style="list-style-type: none"> See SPCC
Clinton River Water Resource Recovery Facility & Septage Unloading Facility	37	High	1	<ul style="list-style-type: none"> See SWPPP, PIPP and SPCC
East Blvd WWTP (City of Pontiac Wastewater Treatment Facility	3	High	1	<ul style="list-style-type: none"> See SWPPP, PIPP and SPCC

WRC Facility Name	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
Drainage District)				
Commerce Township WWTP	20	High	1	<ul style="list-style-type: none"> • See SWPPP, PIPP and SPCC
Walled Lake / Novi WWTP	15	High	1	<ul style="list-style-type: none"> • See SWPPP and PIPP
Chapter 4 Drainage Districts	561	Low	0	<ul style="list-style-type: none"> • Catch basin/inlet inspections and cleaning • Detention/retention pond inspections and maintenance
Chapter 5 Drainage Districts	1	Low	0	<ul style="list-style-type: none"> • Catch basin inspections and cleaning
Chapter 18 Drainage Districts	5,190	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)
Chapter 20 Drainage Districts	3,535	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

WRC Facility Name	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 21 Drainage Districts	90	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 (63):

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 the applicant (62). 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 (63).

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 (70).

Oakland County Facility Listing with Stormwater BMP Counts Updated May 4, 2021																				
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	Manufactured Treatment Devices (i.e. oil/grit separators, swirl chambers, etc.)	
OCFM	Oakland County Service Center: Buildings On the Service Center	Materials Management Center (mail room and central delivery location for large shipments)	1155 Oakland Avenue	Pontiac	MI	48341	1	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	Resource and Crisis Center - Bldg 32 East	1200 North Telegraph Rd	Pontiac	MI	48341	21	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	Medical Examiner's Facility - Bldg 28 East	1200 North Telegraph Rd	Pontiac	MI	48341	12	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	North Oakland Health Center (NOHC) - Bldg 34 East	1200 North Telegraph Rd	Pontiac	MI	48341	7	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	North Office Building (NOB) - Bldg 26 East	1200 North Telegraph Rd	Pontiac	MI	48341	0	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	Oakland County Cemetery	West Blvd	Pontiac	MI	48341	0	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	Sheriff's Administration Building - Bldg 38 East	1200 North Telegraph Rd	Pontiac	MI	48341	13	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings On the Service Center	Sheriff's Office, Patrol Services Division - Bldg 57 West	1100 County Center Drive	Waterford	MI	48328	0	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Animal Shelter & Pet Adoption Center	Oakland County Animal Control & Pet Adoption Center - Bldg 42E	1200 North Telegraph Rd	Pontiac	MI	48341	2	0	0	0	7	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	52-3 District Court and Sheriff's Sub-station (Rochester)	700 Barclay Circle	Rochester	MI	48307	27	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	Oakland Pointe Office Bldg #1	250 Elizabeth Lake Rd	Pontiac	MI	48341	7	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	Oakland Pointe Office Bldg #2	230 Elizabeth Lake Rd	Pontiac	MI	48341	8	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	South Oakland Health Center (SOHC)	27725 Greenfield Road	Southfield	MI	48076	11	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	South Oakland Office Building (SOOB)	1151 Crooks Road	Troy	MI	48084	5	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM	Oakland County Service Center: Buildings Off the Service Center	Trusty Camp Complex (vacant)	1690 Brown Road	Auburn Hills	MI	48326	4	0	0	0	0	0	0	0	0	0	0	0	0	
OCFM TOTALS							538	0	0	0	7	0	0	0	0	0	0	0	0	
WRC	Retention Treatment Basin	George W. Kuhn Retention Treatment Basin (GWK RTB)	1400 Ajax Drive	Madison Heights	MI	48071	2	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Retention Treatment Basin	Acacia Park Retention Treatment Basin (AC RTB)	31835 Evergreen Rd	Beverly Hills	MI	48025	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
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	
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	
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	
WRC	Administration	Billing Services	2636 Dixie Hwy	Waterford	MI	48328	5	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Administration/Storage Yard	Systems Control/Water Maintenance Building	522 S. Opdyke	Pontiac	MI	48341	16	0	0	0	1	0	0	0	0	0	0	0	0	
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	
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	
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	
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	
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	
WRC	WWTP	Clinton River Water Resource Recovery Facility	155 Opdyke	Pontiac	MI	48342	35	0	0	0	1	1	0	0	0	0	0	0	2	
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	
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	
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	
WRC	Well House	Highland Valley	831 Scott	Highland Township	MI		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	
WRC	Well House	Prestwick Village	701 Perthshire Ct	Highland Township	MI		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	
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	
WRC	Well House	The Crossings	3335 Kern Rd	Oakland Township	MI		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	
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	
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	
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	
WRC	Chapter 4 Drainage Districts	Chapter 4 Drainage Districts	Throughout Oakland County				495	0	53	0	13	0	0	0	0	0	0	0	0	
WRC	Chapter 5 Drainage Districts	Chapter 5 Drainage Districts	Throughout Oakland County				1	0	0	0	0	0	0	0	0	0	0	0	0	
WRC	Chapter 18 Drainage Districts	Chapter 18 Drainage Districts	Oakland and/or West Bloomfield Townships				3,186	375	1,384	26	196	0	1	0	0	0	0	21	1	
WRC	Chapter 20 Drainage Districts	Chapter 20 Drainage Districts	Throughout Oakland County				2,935	24	512	0	47	0	8	0	0	0	0	3	6	
WRC	Chapter 21 Drainage Districts	Chapter 21 Drainage Districts	Throughout Oakland County				89	0	1	0	0	0	0	0	0	0	0	0	0	
WRC TOTALS							6,810	399	1,950	26	262	1	9	0	0	0	0	25	9	

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

Oakland County Department	Facility Type	Facility Name	Address	City	State	Zip	Catch Basins	Rear yard Catch Basins	Standard Inlet	Yard Inlet	Detention/R etention Basins	Oil/Water Separator	Pump Stations	Vegetated Swales	Constructed Wetlands	Porous Pavement	Rain gardens	Sediment Basins	Manufactured Treatment Devices (i.e. oil/grit separators, swirl chambers, etc.)
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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.