

Oakland County MS4 SWMP Activity Table

Best Management Practice (BMP) Action/Activity	BMP Description/Method of Implementation	Target Audience and Key Message(s) Addressed (PEP Actions Only)	Responsible Department: -OCFM -EDCA -OCPRC -OCHD -WRMD -WRC	Schedule	Measurable Goal(s)	Method of Evaluating Effectiveness
<b>Illicit Discharge Elimination Plan</b>						
Adopt-A-Road/Adopt-a-Highway Clean-up Program	Continue management and participation in the Adopt-a-Road/Highway cleanup programs.	-	WRC OCFM	Annually	Remove and properly dispose of a minimum of 250 cubic yards of trash annually. Maintain participation of at least 200 groups in the Adopt-a-Road program.	Cubic yards of waste collected -Number of volunteers -Number of volunteer cleanup days
Beach Monitoring Program	The OCHD performs <i>E. coli</i> sampling at various beaches of Oakland County lakes during the bathing beach season. Information is available on their website at: <a href="https://oakgov.com/community/health/services/environmental-health/beaches">https://oakgov.com/community/health/services/environmental-health/beaches</a>	-	OCHD	During bathing beach season	Minimum of 40 lakes sampled per beach season. Minimum of 50 beaches sampled per beach season. Minimum of 300 sampling events per beach season. Minimum of 1,000 individual samples evaluated per beach season. Decreased number of beach closures each year. Minimum of 20 CVTs included in monitoring program.	Report annually: -Number of lakes sampled -Number of beaches sampled -Number of sampling events -Number of individual samples -Number of beach closures -Number of CVTs included in monitoring program
Complaint Tracking, Investigation and Notification and Reporting	Provide a means for public reporting of environmental complaints via established WRC 24-Hour Pollution Hotline and OCHD complaint reporting mechanisms. Provide for investigations of storm drain, road drain and septic-related complaints. Promote the use of complaint hotline numbers internally to staff and externally to communities and citizens.	-	OCHD WRC OCPRC OCFM	Annually	Identify the number of complaints that resulted in the identification and elimination of illicit discharges. Continue publicizing the 24-Hour Pollution Hotline to inform and educate the public on how to detect and report illicit discharges.	Report annually: -Number of complaints received -Number of complaints investigated -Number of illicit discharges discovered -Number of illicit discharges corrected -Number of failed OSDS reported and corrected Include a summary of activities to promote use of complaint numbers and any training / education provided on pollution hotline
Combined Sewer Overflow (CSO) Retention Treatment Basin (RTB) Operation	Continue operation of four CSO RTB's in compliance with NPDES permit. The four facilities include Acacia Park, Bloomfield Village, Birmingham and George W. Kuhn.	-	WRC	Annually	Strive to meet 100% compliance with NPDES Permit limitations for the RTBs.	Report on the amount of gallons of treated combined sewage discharged annually Report on the % compliance with NPDES permit limitations for the RTBs
IDEP Investigations	Perform investigations to locate sources of illicit discharges found during discharge point surveys, storm drain inventories, facility and property surveys and complaint investigations.	-	WRC OCPRC OCFM OCHD	Annually	Identify the number of illicit discharges discovered through dry weather screening and complaints and strive to meet 100% removal of illicit discharge sources as soon as practicable. Continue to report measurable quantities of pollutants removed through IDEP.	Report annually: -Number of illicit discharges discovered -Location of discharges -Type of pollutants -Estimates of amounts of pollutants discharged -Source of discharge (if known) -Agency responsible for investigation -Status of investigation
IDEP Training	Provide training of inspectors necessary to perform discharge point surveys, drain inventories, illicit discharge investigations and illicit discharge elimination activities. Provide illicit discharge detection, notification and complaint system training for county staff.	-	WRC OCFM OCHD OCPRC	Training for new employees within first year of employment; Training for existing employees at least once every five (5) years	Continue to train appropriate staff within each permit cycle.	Report annually on training conducted and persons receiving training
Illicit Connection and Discharge Elimination	Perform inspections of Oakland County MS4's, properties and facilities, as necessary, to locate illicit connections and pollutant sources contributing to illicit discharges. Verify status of discharges referred to other local, county and State agencies for follow-up action.	-	WRC OCPRC OCFM OCHD	Annually	Identify the number of illicit discharges discovered through dry weather screening and complaints and strive to meet 100% removal of illicit discharge sources as soon as practicable. Continue to report measurable quantities of pollutants removed through IDEP.	Report annually: -Locations of facilities inspected -Number and types of illicit connections discovered -Number of illicit connections eliminated -Enforcing agencies involved -Corrective actions taken -Status of elimination -Estimated amounts of pollutants eliminated
MS4 Discharge Point/Outfall Database	Work with the WRC, OCFM and OCPRC to create a GIS-based database for tracking IDEP progress on Oakland County owned and operated stormwater conveyance systems. The WRC will make the database available to other Oakland County departments and divisions for population.	-	WRC	Updating the database is an ongoing task.	Migrate existing DP/Outfall data into GIS and/or from GIS into CAMS.	Report annually on database status.
Oakland Brownfield Initiative	Continue facilitating the Oakland Brownfield Initiative which serves to protect the County's natural resources, particularly critical water and waterways, while restoring the environment and urban vitality. Information is available on the WRMD's website at: <a href="https://oakgov.com/community/community-development/additional-resources/development-tools-resources">https://oakgov.com/community/community-development/additional-resources/development-tools-resources</a>	-	WRMD	Annually	Increase the number of projects in the program and the amount of investment money leveraged annually.	Report annually: -Number of properties in program -Number of properties with environmental assessment work started or completed -Monies leveraged -Cleanup monies leveraged
Oakland County Facilities with OSDS	OSDS' at Oakland County facilities will be properly operated and maintained. The following facilities have an OSDS: OCPRC maintains six (6) OSDS' as outlined in their respective Operations & Maintenance Manual. WRC: -Island Club Condominiums in Commerce Township -Woodbridge Lake Estates in Walled Lake -Belle Ann Falls Estates in Ortonville -Lower Pettibone Lake Community Septic in Highland Township -Addison Oaks Park Lagoon System (maintained by WRC) -Springfield Oaks Park (maintained by WRC) -Groveland Oaks County Park (maintained by WRC)	-	OCPRC WRC	Annually	Continue to properly maintain OSDS to ensure there are no illicit discharges from these systems.	Report maintenance annually

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Oakland County Onsite Sewage Disposal System (OSDS) Program	OCHD will continue to authorize issuance of permits for new OSDS and investigate and seek correction for reported failing systems. They have a website dedicated to septic system permitting and other related information at: <a href="https://oakgov.com/community/health/services/environmental-health/onsite-sewage-disposal-system-septic">https://oakgov.com/community/health/services/environmental-health/onsite-sewage-disposal-system-septic</a> .	-	OCHD	Annually	Continue septage hauler and septage receiving station inspection programs. Continue to assist CVTs in assessing a property's ability to support OSDS'. Continue to administer OSDS permitting program and perform OSDS failure evaluations.	Utilize existing OSDS program databases and quarterly reporting process to EGLE.
Spill/Non-Stormwater Release Response	Implement spill response procedures that address pollution discharges impacting surface waters, county drains and facility pollutant spills. The spill response procedure addresses containment, source identification, source removal, notification and reporting.	-	WRC OCFM OCPRC	Annually	Continue to perform Spill Response, as appropriate, per Spill Response Procedures	WRC, OCFM and OCPRC Spill response procedures available upon request
Update Prioritization and Scheduling of Dry Weather Screening Activities at Known Outfall/Discharge Point Locations and Storm Drainage Systems	WRC and OCPRC has created a schedule for dry weather screening activities. OCFM may contract with WRC to conduct future dry weather screening activities on the County campus. WRC conducts 4-year inspections on County drains that traverse the County campus.	-	WRC OCFM OCPRC	As per OC MS4 IDEP	Continue to perform Outfall and DP surveying as per Illicit Discharge Elimination Program Work Instructions and Guidelines	Report changes to schedule annually
Verify New Connections - Prevent Illicit Connections	For new construction and/or reconstruction projects of storm drains and sanitary sewers managed by WRC, proper connections are verified by WRC inspection staff.	-	WRC	Annually	Continue to verify proper connections for new storm and sanitary sewer hookups and drain taps to County drains	Report number of connections inspected annually
Wastewater Treatment Plant Operation	Continue operation of five wastewater treatment plants (WWTPs) in compliance with discharge permits. The five WWTPs include Walled Lake-Novl, Commerce Township, Pontiac, Brandon Schools and Lyon Oaks Golf Center Nibbler System.	-	WRC	Annually	Continue to maintain 100% compliance with NPDES permits	Report on the amount of treated wastewater discharged from the WWTP's annually Report on compliance status with NPDES permits