

| Oakland County MS4 SWMP Activity Table | | | | | | |
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| 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 |
| Illicit Discharge Elimination Plan | | | | | | |
| 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. | - | 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 Web site at: http://www.oakgov.com/waste/brownfield/ | - | 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 |

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| Oakland County Facilities with OSDS | OSDS at Oakland County facilities will be properly operated and maintained. The following facilities have an OSDS: RCOC: -Milford - District #1 Garage Facility -Davisburg - District #2 Garage Facility OCPRC: -Independence Oaks -Orion Oaks (Port-a-potty only) -Rose Oaks (Port-a-potty only) WRC: -Groveland Oaks Park -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) | - | OCPRC WRC | Annually | Continue to properly maintain OSDS to ensure there are no illicit discharges from these systems. | -Report maintenance annually |
| 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. | - | 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. |
| Oakland County Owned and/or Operated Storm Drain Discharge Point/Outfall Surveys | Use global positioning system equipment to locate and identify discharge points from WRC drain systems within the Phase II permit area of coverage. WRC will survey and dry weather screen point source discharges for illicit discharges. Identify Oakland County owned properties and facilities within the Phase II Permit area of coverage with municipal separate storm sewer systems (MS4). Identify and map discharge points locations. Dry weather screen discharge points for evidence of illicit discharges. | - | WRC OCPRC OCFM | WRC - 100% complete OCFM - 100% complete OCPRC - 100% complete New outfalls and discharge points will be screened as appropriate | Continue to perform Outfall and DP surveying as per Illicit Discharge Elimination Program Work Instructions and Guidelines | Report annually: -Provide updated list of County drains surveyed -Maps of discharge points identified -Survey schedule -Number of discharge points screened for each Oakland County facility |
| 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 |
| Implement Dry Weather Discharge Screening Procedures and Parameters for Road Drainage and Storm Drainage Systems | WRC and OCPRC have a procedure in place that outlines how it conducts IDEP investigations and is available upon request. WRC may contract with OCFM to conduct its IDEP. | - | 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 procedures annually |
| 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 triennial 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-Noví, 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 |