



MaineDOT

Maine Department of Transportation
Municipal Separate Storm Sewer Systems General Permit
Annual Report PY3
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PY3 Construction Inspection of Bridge Replacement in Kittery

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Introduction and Summary

In accordance with the reporting requirements specified in Part IV. J. 1. of the General Permit for the Discharge of Stormwater from MaineDOT and MTA Municipal Separate Storm Sewer Systems (MS4), MaineDOT provides this report for Permit Year 3 (PY3).

In April 2015 Maine DEP municipal stormwater staff reviewed MaineDOT's PY2 annual report and on May 4, 2015 notified MaineDOT that all Minimum Control Measures (MCM) had been met. MaineDOT continues to make progress in achieving the measurable goals identified in the MaineDOT Stormwater Program Management Plan (SPMP), described below in Minimum Control Measures 1 through 6. A copy of the MaineDOT SPMP is on file at the Maine DEP Office in Augusta.

In PY3 MaineDOT conducted quarterly visual water quality monitoring at three MaineDOT vehicle maintenance facilities located in MS4 urbanized areas: Scarborough, Yarmouth, and Bangor. Visual Monitoring Forms were completed and are kept on file, with the facility's SWPPP, at the facility; digital copies are kept in the Surface Water Quality Unit MS4 files in Augusta. No other water quality monitoring is required.

In the next reporting cycle, PY4, MaineDOT will continue to make improvements to its infrastructure maps by confirming outfall locations and direction of flow between catch basins. Between July 8 and July 11, 2016 MaineDOT ground verified catch basin and culvert locations on I-195 in Saco from Main Street to Ocean Park Road in the Goosefare Brook watershed. In PY4, as in each permit year, MaineDOT reviews activities and changes that may have occurred in urban impaired stream watersheds prior to ranking high priority watersheds for the next permit year.

MaineDOT has not made any changes to the goals identified in the SPMP.

This report includes a description of the actions completed for the measurable goals of each BMP identified in the MaineDOT SPMP for each Minimum Control Measure in the General Permit. BMPs for all of the MCMs were completed successfully in PY3.

MCM 1. Public Education and Outreach on Stormwater Impacts

Goals

1. Raise awareness among employees and contractors that polluted stormwater runoff is the most significant source of water quality problems for Maine's waters.
2. Motivate people to use BMPs to reduce polluted stormwater runoff.
3. Reduce polluted stormwater runoff as a result of increased awareness and use of BMPs.

BMP 1.1 Raise awareness among employees and contractors by providing training on reducing polluted stormwater runoff.

MaineDOT provides erosion and sedimentation control training to employees and contractors annually. In PY3, 118 employees, 254 contractors and consultants, and 9 others attended training on soil erosion and sedimentation control or MS4 awareness statewide. Maine has MS4 urbanized areas only in MaineDOT Regions 1 and 4. Out of the total of 381 employees, contractors, consultants, and others trained in PY3, 55 MaineDOT employees, 68 contractors or consultants, and 9 others (totaling 125) work, or potentially work, in MS4 urbanized areas; this training is further described below and relevant documentation is retained on file.

On October 15, 2015 in Kittery, 21 contractors attended Maine DEP's 8-hour Basic and Advanced Erosion Control Practices training session. Contractors taking the training in Kittery are contractors who potentially work on MaineDOT projects in MS4 urbanized areas in MaineDOT Region 1.

On January 5, 2016 46 MaineDOT employees attended 4-hour erosion and sedimentation control training; 2 of the 46 work in MS4 permit regulated areas and are non-supervisory. A test is given at the end of these training sessions and all attendees passed the test. All attendees correctly described sources of stormwater pollution, proper maintenance of BMPs, and proper spill response (impact indicators).

On May 5, 2016 29 MaineDOT employees attended 4-hour erosion and sedimentation control training; 10 of the 29 work in MS4 permit regulated areas and are non-supervisory. A test is given at the end of these training sessions and all attendees passed the test. All attendees correctly described sources of stormwater pollution, proper maintenance of BMPs, and proper spill response (impact indicators).

On March 29, 2016 in Bangor (Region 4) and on March 31, 2016 in Portland (Region 1), a 1-hour presentation on Erosion and Sedimentation Control and MS4 awareness and responsibilities was given to contractors, consultants, and MaineDOT employees. At the March 29th session in Bangor, 22 MaineDOT employees and 9 contractors and consultants attended the session. Of the 22 MaineDOT employees, 8 are supervisors. At the March 31st session in Portland, 21 MaineDOT employees and 30 contractors and consultants attended the session. Of the 21 MaineDOT employees, 13 are supervisors.

On June 7, 2016 46 contractors, municipal employees, and Maine DEP employees attended an 8-hour Erosion and Sedimentation Control Field Course; 9 of the 46 work in MS4 permit regulated areas.

BMP 1.2 Motivate staff and contractors to utilize BMPs that minimize stormwater pollution.

MaineDOT requires employees and contractors to use erosion and sedimentation control BMPs to minimize the effects of stormwater runoff. All MaineDOT projects that

have soil disturbance are required to have a Soil Erosion and Water Pollution Control Plan (SEWPCP) reviewed and approved by authorized MaineDOT Environmental Office staff specializing in erosion and sedimentation control compliance. MaineDOT's Best Management Practices for Erosion and Sedimentation Control Manual is posted on MaineDOT's webpage.

BMP 1.3 Provide training on reducing polluted stormwater runoff.

MaineDOT provides training on erosion and sedimentation control at least annually to ensure employees and contractors are continually motivated to use the appropriate erosion and sedimentation control BMPs on their projects. See BMP 1.1 and 1.2 above.

MaineDOT's Surface Water Quality Unit Supervisor gave on-site MS4 training to the MaineDOT Environmental Regional Coordinator at the Bangor Maintenance Facility on April 29, 2016 and to the Environmental Regional Coordinator at the Scarborough and Yarmouth Maintenance Facilities on May 24, 2016. Training at the facilities included a review of the maintenance facility SWPPP and Quarterly Visual Monitoring procedures.

MaineDOT is a member of the Maine DEP Nonpoint Source Training and Resource Center Advisory Committee which meets biannually to make decisions regarding training provided to contractors; approximately 900 contractors are trained through this program each year.

In PY3, MaineDOT collaborated with others to develop and publish the Maine Environmental Best Management Practices Manual for Snow and Ice Control. In PY3, MaineDOT Local Roads Center provided training to 243 public works personnel from 68 towns and cities, 5 counties, and 5 private contractors. Many of the towns that attended the training are not MS4 regulated urbanized areas; however a special class was presented to the Portland Public Services, which services an MS4 regulated urbanized area.

MCM 2. Public Involvement and Participation

Goals

Involve the MaineDOT community including various Bureaus or facilities in both the planning and implementation process of improving water quality and reducing water quantity via the stormwater program.

BMP 2.1 Public notice requirements

MaineDOT holds public meetings for construction projects and publishes meeting information, including the location, date, and time of the meeting, in local newspapers serving the project area. Attendance varies greatly; attendance and public comments are recorded and kept on file.

BMP 2.2 Coordinate with regulated communities

On December 23, 2014 the MaineDOT 2014-2015-2016 Capital Work Plan was sent to the regulated MS4 municipal stormwater coordinators by email using the list of MS4 contacts provided by the Maine DEP MS4 program coordinator.

MaineDOT maintains regular contact with the regulated MS4 municipalities by participating in the Greater Portland Interlocal Stormwater Working Group (ISWG), the Bangor Area Stormwater Working Group (BASWG), and the York County Stormwater Work Group.

In PY3 MaineDOT provided funding to BASWG in support of their education and outreach activities. In April of 2016 MaineDOT contributed \$750 to BASWG's stream clean-up campaign.

Additionally, MaineDOT Local Roads Center provides information, technical guidance, and training to municipal public works crews and others on reducing erosion and sedimentation, road construction and drainage issues, and the use of chlorides in winter road maintenance and in covered sand/salt storage options.

MCM 3. Illicit Discharge Detection and Elimination

Goals

Develop, implement, and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges in MaineDOT's stormwater systems.

BMP 3.1 Verify watershed based mapping of the stormwater system in highest priority watershed within the UA.

On June 28, 2016 MaineDOT conducted field verification of catch basins at the intersection of I-295 and Maine Mall Road in South Portland in the Long Creek watershed; and of ditches and associated cross culverts on Gorham Road in Scarborough in the Red Brook watershed. Existing mapping was correct.

In PY3 MaineDOT also conducted stormwater infrastructure mapping updates outside of any priority watershed on Main Street in South Berwick and Kittyhawk Avenue in Auburn.

BMP 3.2 Conduct coordinated dry weather inspections of outfalls in urban impaired stream watersheds.

In PY3, MaineDOT petitioned the cities of South Portland and Scarborough MS4 permittees to conduct coordinated dry weather inspections.

On June 28, 2016 MaineDOT met the City of Scarborough MS4 contact and inspected four MaineDOT culverts, associated ditches, and outfalls on Gorham Road in the Red Brook watershed. The ditches are shallow and well vegetated and there was no indication of any illicit discharges in any of the ditch sections, culverts, or outfalls. Following the Gorham Road inspections, MaineDOT and the City of Scarborough inspected one site at a potential non-allowable stormwater discharge to a City of Scarborough ditch on Payne Road in the Phillips Brook watershed. The City of Scarborough MS4 contact person will follow up on determining whether or not the discharge is an allowable stormwater discharge in accordance with their permit.

On June 28, 2016 MaineDOT conducted dry weather inspections of catch basin and ditch outfalls in the Long Creek Watershed in South Portland. There was no evidence of any non-allowable stormwater discharges and the outfall area is well vegetated.

BMP 3.3 Continue to implement MaineDOT's strategy for detecting illicit discharges to open ditch systems within the two highest priority watersheds.

MaineDOT Surface Water Quality staff inspect open ditch systems in high priority watersheds while conducting dry weather inspections of outfalls.

On June 28, 2016, ditches along Gorham Road in the Red Brook watershed in Scarborough were inspected. The ditches are shallow and well vegetated and there was no indication of any illicit discharges.

MaineDOT Maintenance & Operations Transportation Workers inspect ditches on a regular basis as part of normal M&O duties; this work is statewide, not limited to high priority watersheds or Urbanized Areas. Potential illicit discharges are reported up the chain of command for resolution. In PY3, no potential illicit discharges within MS4 urbanized areas were reported during ditch maintenance.

BMP 3.4 Continue to implement illicit discharge detection and elimination procedure policy.

The MaineDOT Bureau of Maintenance and Operation's Illicit Discharge Detection and Elimination Policy specifies the steps to take upon discovery of an illicit discharge. The policy is implemented statewide, not just in the regulated MS4 urbanized areas.

In PY3, four illicit discharges were reported per the policy.

On September 28, 2015 a New Hampshire DES supervisor notified MaineDOT of an unknown source of turbidity to the Salmon Falls River in Somersworth NH across from the City of Berwick, Maine, inquiring if MaineDOT knew anything regarding the source. MaineDOT Regional Environmental Coordinator and City of Berwick MS4 contact tried to locate the site and source of sedimentation. No sedimentation or turbidity was seen in the river after the initial report and the final determination is that the event was bleed water from a culvert replacement

associated with a road construction project on Rochester Street in Berwick. The site is stable; the file was closed on February 10, 2016.

On October 29, 2015, the town of Kittery's MS4 contact notified MaineDOT of a private discharge to or through either municipal or MaineDOT stormwater conveyances to Spruce Creek in Kittery in the vicinity of the Route 236 bridge over I-95. The Kittery MS4 coordinator met with MaineDOT Environmental Regional Coordinator and Maine DEP staff at the site to explain the direction of flow and likely source. The determination is that an adjacent truck-washing facility is the likely source of a foamy discharge through MaineDOT drainage structures which outfall to Spruce Creek. Samples of the foam discharge were taken but were not able to be processed within 24 hours. The owner of the truck washing facility was educated, no further discharge has occurred, and no further action was taken with the discharger. The file was closed on December 1, 2015.

On November 4, 2015 while inspecting and cleaning catch basins on I-395 in Bangor, MaineDOT reported catch basin #948676 had a diesel odor. MaineDOT notified personnel in accordance with the policy and site investigation began. Maine DEP Remediation & Waste Management staff conducted an investigation using a photoionization detector and found very low PID levels. The DEP spill report was closed on January 25, 2016 finding no source, and no potential effect to wells or resources.

On June 7, 2016 while inspecting and cleaning catch basins on Route 4 in South Berwick, near the intersection with Garland Street, MaineDOT reported witnessing a sudsy discharge coming out of a pipe connected directly into the catch basin. The MaineDOT and the South Berwick municipal contacts worked together to identify the owner. In early August 2016, a certified letter sent by MaineDOT Legal Office staff was returned undelivered. On August 19, 2016 MaineDOT Region 1 Engineer and MaineDOT Legal Office staff made an unsuccessful attempt to contact the owner at his residence. MaineDOT is working with the South Berwick Code Enforcement Officer and the Maine DEP to eliminate the illicit connection.

BMP 3.5 Continue system of tracking potential illicit discharges.

The MaineDOT Illicit Discharge Detection and Elimination Policy contains a section on tracking potential illicit discharges. Potential illicit discharges are reported up the supervisory chain and to the MaineDOT Environmental Office Surface Water Quality Unit and logged for tracking and reporting purposes.

In PY3, the Environmental Requirements section of MaineDOT's catch basin cleaning contracts was updated to include MaineDOT Illicit Discharge Detection Policy citation and notification requirements for possible or suspected illicit discharges.

In PY3 four potential illicit discharges were reported in MS4 regulated urbanized areas, see BMP 3.4., and are on file with the Regional Office and the Environmental Office.

MCM 4. Construction Site Stormwater Runoff Control

Goals

Continue to implement and enforce MaineDOT's program to reduce pollutants in stormwater runoff from construction activities that result in a land disturbance of one acre or more.

BMP 4.1 Continue to implement soil erosion and water pollution control plan requirements.

MaineDOT continues to implement and enforce an Erosion and Sedimentation Control Program to reduce pollutants in stormwater runoff from its construction activities. MaineDOT's Standard Specification 656 requires a Soil Erosion and Water Pollution Control Plan (SEWPCP) to be developed by project contractors; the SEWPCPs are reviewed and approved by MaineDOT Surface Water Quality Unit staff prior to the start of construction. Inspections are done at various times throughout construction until completion of the project and stabilization of the construction area. As part of MaineDOT's stormwater Memorandum of Agreement with Maine DEP, MaineDOT implements the SEWPCP requirement for all projects that have soil disturbance, regardless of the amount of disturbance.

In PY3 MaineDOT started construction on 30 projects located in MS4 regulated urbanized areas; only one of these projects had an acre or more of disturbance: Milford Route 2 Reconstruction. In accordance with the stormwater MOA all of these projects have an erosion and sedimentation control plan that was reviewed and approved by MaineDOT Environmental Office employees specializing in erosion and sedimentation control compliance and oversight. In PY3, the Milford project was inspected on May 5, 2016 and June 21, 2016 and was found to be in full compliance with the project SEWPCP.

In PY3, the MaineDOT Environmental Office Construction Support Specialist for the Sarah Mildred Long Bridge replacement project in Kittery, which began construction in PY2, inspected the construction site on 21 occasions and found the project to be in full compliance with the project SEWPCP on each occasion. Individual inspection notes and photos are in the inspector's digital files.

MCM 5. Post-Construction Stormwater Management in New Development and Redevelopment

Goals

1. Develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that have an acre or more of land disturbance.

2. Include a combination of structural and non-structural BMPs.
3. Develop an inspection program including inspection of BMPs at least once during the first year of installation.

BMP 5.1 Develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that have an acre or more of land disturbance that discharge into the MS4 or directly to waters of the State other than groundwater.

MaineDOT's Stormwater Program addresses stormwater runoff from new development and redevelopment projects through a Memorandum of Agreement between the Maine DEP, the Maine DOT, and the Maine Turnpike Authority. All MaineDOT projects with land disturbance, regardless of size or location, are reviewed by MaineDOT Surface Water Quality Unit staff for compliance with the stormwater MOA requirements. Projects located in MS4 urbanized areas are further reviewed to determine if the amount of disturbance will be more or less than one acre. New development or redevelopment projects with an acre or more of disturbance and a direct discharge of stormwater to the MS4 or to waters of the State will have stormwater BMPs incorporated into the project. In PY3, MaineDOT did not have any new development or redevelopment projects with an acre or more of disturbance in MS4 urbanized areas.

BMP 5.2 Include a combination of structural and non-structural BMPs.

New Development and redevelopment projects located within MS4 urbanized areas that require stormwater treatment in accordance with the permit will include structural and non-structural BMPs. In PY3, there were no new development or redevelopment projects with an acre or more of disturbance in MS4 urbanized areas.

BMP 5.3 Develop a post-construction BMP inspection program including inspection of new BMPs at least once during the first year of installation.

MaineDOT's inspection program includes inspection of new BMPs during the first year of installation. No new post-construction stormwater BMPs were constructed in PY3. Post-construction stormwater BMPs for the bridge replacement in Kittery have not been constructed yet. The project construction is scheduled to be completed in June 2018; the stormwater BMPs will be inspected the first year after their construction.

Existing stormwater BMPs in Yarmouth and Bangor were inspected in 2015 and no corrections were needed at these sites.

MaineDOT has a total of 2 post construction BMPs discharging directly into waters of the State other than groundwater or into or from a separate storm sewer system in regulated MS4 Urbanized Areas in PY3.

MaineDOT has 2 sites with a total of 5 post construction stormwater BMPs that are documented as functioning.

In PY3, on April 6, 2016, MaineDOT SWQU staff specializing in erosion and sedimentation control inspected the stormwater BMPs for the temporary road associated with the Union Street Bridge replacement project in Bangor and found no issues; photos and documentation are in the file.

In PY3, neither of the 2 sites' post construction stormwater BMPs needed routine maintenance or repair.

MCM 6. Pollution Prevention and Good Housekeeping in Facility Operations

Goals

MaineDOT's goals are to prevent or reduce pollutant runoff from MaineDOT's roads, other infrastructure, and facilities through the development and implementation of an Operation and Maintenance Program.

BMP 6.1 Continue to inventory potential pollution sources and associated operations conducted in, on, or associated with facilities, buildings, roads, and travelways that have the potential to cause or contribute to stormwater or surface water pollution.

Potential sources of pollutants for MaineDOT operations include maintenance garages, roads, and park and ride lots.

MaineDOT maintenance garages may include storage and use of gasoline and diesel fuel, oil, hydraulic fluids, radiator fluid, brake fluid, and other related vehicle maintenance fluids; vehicle washing operations; sand/salt storage; and stockpiled materials.

Roads maintained by MaineDOT include the interstate and those sections of State and State Aid roads that are outside State Urban Compact boundaries.

MaineDOT is responsible for 10 park and ride lots located in MS4 urbanized areas.

BMP 6.2 Continue to implement operations and maintenance procedures to reduce stormwater pollution to the maximum extent practicable.

All MaineDOT maintenance facility staff receive on-site Green Book training on a monthly basis. The Green Book is a MaineDOT environmental practices guidebook for M&O staff which covers the following topics: hazardous chemicals, universal waste, oil and equipment maintenance waste, hazardous waste, materials management, and spill prevention and response. Each monthly session focuses on one of these Green Book topics. A copy of the Green Book was included as Appendix B in the PY1 annual report submitted to DEP in September 2009.

MaineDOT's operations and maintenance procedures includes proper storage, maintenance, and fueling of vehicle and equipment; proper landscaping and mowing operations as necessary; and proper disposal of road-killed wildlife.

MaineDOT's Maintenance crews receive erosion and sedimentation control annually as described below and in BMP 1.1

BMP 6.3 Continue employee training program to reduce stormwater pollution from facilities.

All MaineDOT maintenance facility staff receive on-site Green Book training on a monthly basis. The Green Book is a MaineDOT environmental practices guidebook for M&O staff which covers the following topics: hazardous chemicals, universal waste, oil and equipment maintenance waste, hazardous waste, materials management, and spill prevention and response. Each monthly session focuses on one of these Green Book topics. A copy of the Green Book was included as Appendix B in the PY1 annual report submitted to DEP in September 2009.

Maintenance facility staff also receive erosion and sedimentation control training annually; in PY3 55 employees in MS4 regulated areas took erosion and sedimentation control training. See BMP 1.1.

MaineDOT's Surface Water Quality Unit Supervisor gave on-site MS4 training to the MaineDOT Environmental Regional Coordinator at the Bangor Vehicle Maintenance Facility on April 29, 2016 and to the Environmental Regional Coordinator at the Scarborough and Yarmouth Vehicle Maintenance Facilities on May 24, 2016. Training at the facilities included a review of the Vehicle Maintenance Facility SWPPP and Quarterly Visual Monitoring procedures.

BMP 6.4 Continue parking lot and street sweeping program.

MaineDOT's Bureau of Maintenance and Operations has a program in place for sweeping roads and parking lots within the MaineDOT areas of responsibility. Each year over 7,500 miles are swept statewide by MaineDOT each spring to remove winter sand/salt deposits; this includes miles that were swept by MaineDOT maintenance crew and by hired contractors.

MaineDOT is responsible for 10 park and ride lots that are located within MS4 urbanized areas. Each lot was inspected and swept in 2016 to remove winter salt and/or sand. Inspections conducted in May and June 2016 showed that 4 of the 10 lots need to be swept again; this has been scheduled to be done in August, 2016. All swept material is disposed of in accordance with all applicable state and federal laws and regulations.

BMP 6.5 Continue program to clean catch basins and other stormwater structures.

MaineDOT's Bureau of Maintenance and Operations has a program in place to regularly inspect, clean, maintain, repair, and replace catch basins and other stormwater structures. The M&O catch basin cleaning program is implemented statewide, not

limited to MS4 urbanized areas. In Regions 1 and 4, where MS4 urbanized areas are located, 4964 catch basins and cross culverts were cleaned; and 183 shoulder miles of roadside ditches received maintenance ditching by excavator or backhoe.

BMP 6.6 Continue program to repair or upgrade stormwater conveyances.

MaineDOT's Bureau of Maintenance and Operations assesses stormwater infrastructure for maintenance needs including repairs and replacements every other year. In PY3 19 catch basins in MS4 urbanized areas were repaired or replaced: 10 in Portland, 1 in Windham, 7 in Kittery, and 1 in Milford.

MaineDOT's Project Development Office assesses the need for stormwater infrastructure replacements or upgrades at the time projects are planned. In PY3 several catch basins and cross culverts associated with a reconstruction project on Route 2 in Milford will be reset to correct elevations and one catch basin and associated cross culvert will be replaced with different size (increasing from a 2-foot diameter culvert to a 2 1/2 foot diameter culvert) and stabilizing the culvert outfall with riprap.

BMP 6.7 Continue to implement stormwater pollution prevention plans for vehicle maintenance facilities within the regulated MS4 areas.

MaineDOT has three vehicle maintenance facilities located in MS4 urbanized areas: Bangor, Scarborough, and Yarmouth. Each of these vehicle maintenance facilities has a SWPPP that is updated as changes occur.

In PY3, the Bangor Maintenance Facility was updated on August 5, 2015 and again on April 28, 2016 to modify personnel contact information and reflect current site conditions. On April 29, 2016, the MaineDOT Regional Environmental Coordinator responsible for Quarterly Visual Monitoring at the Bangor vehicle maintenance facility received on-site training in inspecting the facility, general SWPPP compliance requirements, and in conducting Quarterly Visual Monitoring.

The Scarborough Maintenance Facility SWPPP and accompanying site plan were updated on April 28, 2016 to reflect modifications to site conditions and to update contact information. On May 24, 2016, the MaineDOT Regional Environmental Coordinator responsible for Quarterly Visual Monitoring at the Scarborough vehicle maintenance facility received on-site training in inspecting the facility, general SWPPP compliance requirements, and in conducting Quarterly Visual Monitoring.

The Yarmouth Maintenance Facility SWPPP and site plan were updated on April 26, 2016 to update site conditions; it was determined that there are no stormwater outfalls at this facility and quarterly visual monitoring is not applicable however site inspections and monthly Green Book training still apply and will continue. The MaineDOT Regional Environmental Coordinator for the Scarborough facility also covers the Yarmouth facility.

MaineDOT Vehicle Maintenance Facility staff receive ESC training annually (captured in BMP 1.1), MS4 awareness training bi-annually, and on-site Green Book training monthly.

In PY3, MaineDOT Regional Environmental Coordinators responsible for Quarterly Visual Monitoring at the Bangor and Scarborough vehicle maintenance facilities received on-site training in inspecting these facilities, general SWPPP compliance requirements, and in conducting Quarterly Visual Monitoring. Training was conducted on April 29, 2016 at the Bangor facility and on May 24, 2016 at the Scarborough facility.