Year 2 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2019-June 30, 2020

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2019 and June 30, 2020 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Department of Conservation and Recreation

EPA NPDES Permit Number: MAR043001

Primary MS4 Program Manager Contact Information

Name: Robert Lowell Title: Deputy Chief Engineer

Street Address Line 1: 251 Causeway Street

Street Address Line 2:

City: Boston State: MA Zip Code: 02114

Email: Robert.Lowell@mass.gov Phone Number: 617.626.1370

Stormwater Management Program (SWMP) Information

SWMP Location (web address): https://www.mass.gov/service-details/dcr-stormwater-management

Date SWMP was Last Updated: Jun 30, 2020

If the SWMP is not available on the web please provide the physical address:

NA

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state

Impairment(s)

☒ Bacteria/Pathogens ☒ Chloride ☒ Nitrogen ☒ Phosphorus
☒ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

In State: ☐ Assabet River Phosphorus ☒ Bacteria and Pathogen ☐ Cape Cod Nitrogen
☒ Charles River Watershed Phosphorus ☒ Lake and Pond Phosphorus

Out of State: ☐ Bacteria/Pathogens ☐ Metals ☒ Nitrogen ☐ Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. ***By checking each box you are certifying that you have completed that permit requirement fully.*** *If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.*

Year 2 Requirements

☒ Completed Phase I of system mapping

☒ Developed a written catchment investigation procedure and added the procedure to the SWMP

☐ Developed written procedures to require the submission of as-built drawings and ensure the long term operation and maintenance of completed construction sites and added these procedures to the SWMP

☒ Enclosed or covered storage piles of salt or piles containing salt used for deicing or other purposes

☒ Developed written operations and maintenance procedures for parks and open space, buildings and facilities, and vehicles and equipment and added these procedures to the SWMP

☒ Developed an inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment and added this inventory to the SWMP

☒ Completed a written program for MS4 infrastructure maintenance to reduce the discharge of pollutants

☐ Developed written SWPPPs, included in the SWMP, for all of the following permittee owned or operated facilities: maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 2 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Development of written SWPPPs was delayed due to impacts of COVID-19. DCR staff was not able to visit facilities due to working remotely and having to prioritize COVID-19 related tasks.
DCR is following the modified permit timeline for development of written procedures for submission of as-

builts.

Annual Requirements

- ☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- ☒ Kept records relating to the permit available for 5 years and made available to the public
- ☒ The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
  - ○ This is not applicable because we do not have sanitary sewer
  - ○ This is not applicable because we did not find any new SSOs
  - ○ The updated SSO inventory is attached to the email submission
  - ◉ The updated SSO inventory can be found at the following website:

    https://www.mass.gov/service-details/dcr-stormwater-management (IDDE plan)
- ☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- ☒ Provided training to employees involved in IDDE program within the reporting period
- ☒ All curbed roadways were swept at least once within the reporting period
- ☒ Updated outfall and interconnection inventory and priority ranking as needed

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above annual requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- ☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- ☐ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Check box 3 is not applicable to DCR as a non-traditional and transportation MS4. No privately-owned septic

systems.

Chloride

Annual Requirements

Public Education and Outreach

☐ Included an annual message in November/ December to private road salt applicators and commercial industrial site owners on the proper storage and application rates of winter deicing material, along with the steps that can be taken to minimize salt use and protect local waterbodies

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Not Applicable. No private salt applicators or commercial/industrial site owners.

Nitrogen (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

☒ Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers

☒ Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate

☒ Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Potential structural BMPs

☐ Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was estimated consistent with Attachment 1 to Appendix H. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated nitrogen removed in mass per year by the BMP were documented.

- ○ The BMP information is attached to the email submission
- ○ The BMP information can be found at the following website:

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Per Appendix H requirements for discharges to nutrient-impaired waterbodies, DCR will track and estimate nutrient removal for structural BMPs after developing a list of potential structural BMPs in Permit Year 5.

DCR did work on building the database to hold this BMP treatment information.

Phosphorus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

☒ Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers

☒ Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate

☒ Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Potential structural BMPs

☐ Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in mass per year by the BMP were documented.

- ○ The BMP information is attached to the email submission
- ○ The BMP information can be found at the following website:

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Per Appendix H requirements for discharges to nutrient-impaired waterbodies, DCR will track and estimate nutrient removal for structural BMPs after developing a list of potential structural BMPs in Permit Year 5. DCR did work on building the database to hold this BMP treatment information.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads

☒ Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Charles River Watershed Phosphorus TMDL

☒ Completed Legal Analysis

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

DCR's analysis determined that from a legal and regulatory perspective, although there are limited regulatory mechanisms available to DCR, such mechanisms are not needed for DCR to "effectively implement the entire PCP" since DCR's is able to control the entirety of its PCP areas. The internal protocols for meeting the PCPs will be included in DCR's Stormwater Handbook.

Lake and Pond Phosphorus TMDL

☒ Completed Legal Analysis

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

DCR's analysis determined that from a legal and regulatory perspective, although there are limited regulatory mechanisms available to DCR, such mechanisms are not needed for DCR to "effectively implement the entire PCP" since DCR's is able to control the entirety of its PCP areas. The internal protocols for meeting the PCPs will be included in DCR's Stormwater Handbook.

Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

DCR spent considerable time developing GIS watershed layers for watersheds to impaired segments and for each TMDL this year and updating the impairment information to reflect the 2016 303d list finalized in January 2020. Since DCR is a statewide entity, this comprehensive layer was necessary to identify facilities within each TMDL or draining to impaired waterbodies. DCR also began initial stages of determining pollutant loads for development of Phosphorus Control Plans and initial steps of the Nutrient Source Identification Reports.

Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

- (•) Yes
- ( ) No

If yes, describe below, including any relevant impairments or TMDLs:

Since submitting the NOI, we completed a GIS analysis of DCR-owned and maintained properties in Year 1 and have further refined the list of regulated facilities in Year 2 (provided in the SWMP Appendix A). During Permit Year 2 we also updated the list of receiving waters, impairments, TMDLs, and outfalls (provided in the SWMP Appendix B) based on the Massachusetts Year 2016 Integrated List of Waters released in January 2020.

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed **during this reporting period**: 4

*Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.*

BMP: 1-1: Social Media Public Service Messages

Message Description and Distribution Method:

All messages are shared and viewable on DCR's Twitter feed @MassDCR
Fall message about leaf litter pollution and proper collection
Spring message about managing grass clippings and fertilizers
Summer message about dog waste management
SWMP posting message noting updated SWMP and encouraging public's review

Targeted Audience: Visitors, General Public

Responsible Department/Parties: Engineering/External Affairs

Measurable Goal(s):

@MassDCR Twitter account has 21,600 followers
Fall message - 4 retweets/6 likes
Spring message - 3 retweets/5 likes
Summer message - 24 retweets and comments/18 likes
SWMP message - 7 retweets/11 likes

Message Date(s): Summer message 10/2/19, Fall message 10/18/19, Spring message 6/8/2020, SWMP message 11/12/2019

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ◉ No ○

If yes, describe why the change was made:

Social media public service messages have replaced the 'Downstream Newsletter' which has been discontinued.

BMP:1-2: Signs about Not Feeding Gulls

Message Description and Distribution Method:

Continued to post and maintain signs around Wachusett Reservoir informing public not to feed seagulls, as part of an ongoing water quality protection program.

Targeted Audience: Visitors, General Public, Staff

Responsible Department/Parties: Operations

Measurable Goal(s):

Signs are posted at 12 facilities in Leominster, Shrewsbury, Northborough, Clinton, Worcester, Hudson, Holyoke, and Webster

Message Date(s): Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ○ No ◉

If yes, describe why the change was made:

BMP:1-3: Stormwater Posters and Brochures

Message Description and Distribution Method:

Displayed educational signage and distributed brochures about water quality and stormwater pollution prevention

Targeted Audience: Visitors, Staff

Responsible Department/Parties: External Affairs

Measurable Goal(s):

Lakes and Ponds/Park Facilities - various kiosks interpretative signage [example - Charles River Reservation: Longfellow Bridge Gravel Wetland Information]
Website - https://www.mass.gov/service-details/brochures-fact-sheets-and-reports

Message Date(s): Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ○ No ◉

If yes, describe why the change was made:

BMP:1-4: Dog Waste Management

Message Description and Distribution Method:

Continued to post signs at DCR properties about dog waste management. Provided mutt mitt stations at high-use dog walking areas. Initiated commercial dogwalker permit program. Maintained website with educational materials about dog waste management.

Targeted Audience: Visitors

Responsible Department/Parties: External Affairs/Operations

Measurable Goal(s):

Watershed Protection - Quabbin Reservoir/Ware River/Wachusett Reservoir
Lakes and Ponds/Park Facilities - various kiosks/ mutt-mitt stations/dogwalking permit information
Commercial Dog Walker Permits - 140
Websites: https://www.mass.gov/service-details/brochures-fact-sheets-and-reports
https://www.mass.gov/guides/dogs-in-dcr-parks

Message Date(s): Watershed Protection - ongoing
Lakes and Ponds/Park Facilities/Website - Ongoing
Dog Walking Permit Information - permits issued annually

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ○ No ◉

If yes, describe why the change was made:

BMP:1-5: Stormwater Management Website

Message Description and Distribution Method:

Posted permit documents to DCR Stormwater Management website
https://www.mass.gov/doc/stormwater-management-plan/download

Targeted Audience: Staff, Visitors, General Public, Designers/Contractors

Responsible Department/Parties: Engineering/External Affairs

Measurable Goal(s):

Number of SWMP Page Views - 490 views
SWMP document downloads - 66 downloads

Message Date(s): Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ○ No ◉

If yes, describe why the change was made:

Add an Educational Message

MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period**:

Posted our SWMP online on 9/18/2020 at https://www.mass.gov/service-details/dcr-stormwater-management. No comments were received during this period

Was this opportunity different than what was proposed in your NOI? Yes ○ No ◉

Describe any other public involvement or participation opportunities conducted **during this reporting period**:

Due to COVID-19 our public involvement and participation opportunities noted in the SWMP did not happen during the permit year.

DCR Park Serve Day, originally scheduled for April 25, 2020, was postponed and is tentatively planned to take place mid-autumn 2020, depending on the progression of COVID-19 guidance. Park Serve Day typically includes volunteers picking up litter, pruning vegetation, and planting flower beds at 37 DCR locations (parks, beaches, forests, etc.)

Wachusett Educational Programs were canceled due to COVID-19 concerns. We instead posted Stay at Home Activities on our website: https://www.mass.gov/info-details/wachusett-reservoir-watershed-education-programs

We plan to resume Park Serve Day and the Wachusett Educational Programs in Permit Year 3, if safe to do so.

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

☒ This SSO section is NOT applicable because we DO NOT have sanitary sewer

Below, report on the number of SSOs identified in the MS4 system and removed ***during this reporting period.***

Number of SSOs identified: 0

Number of SSOs removed: 0

MS4 System Mapping

Below, check all that apply.

The following elements of the Phase I map have been completed:

☒ Outfalls and receiving waters

☒ Open channel conveyances

☒ Interconnections
☒ Municipally-owned stormwater treatment structures
☒ Waterbodies identified by name and indication of all use impairments
☒ Initial catchment delineations

Optional: Describe any additional progress you made on your map during this reporting period or provide additional status information regarding your map:

DCR updated the DCR stormwater drainage database to include layers for all drainage infrastructure elements and inspection records for inlets, outlets, BMPs, and manholes. We are continuously updating and refining our drainage infrastructure mapping as we conduct our infrastructure and maintenance program and IDDE investigation work.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses.

○ The outfall screening data is attached to the email submission
◉ The outfall screening data can be found at the following website:

https://www.arcgis.com/home/webmap/viewer.html?webmap=5099a9efaafa4a80a9ca2a7e38a18e73

Below, report on the number of outfalls/interconnections screened ***during this reporting period.***

Number of outfalls screened: 1,050

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

○ The catchment investigation data is attached to the email submission
◉ The catchment investigation data can be found at the following website:

https://www.arcgis.com/home/webmap/viewer.html?webmap=5099a9efaafa4a80a9ca2a7e38a18e73

Below, report on the number of catchment investigations completed ***during this reporting period.***

Number of catchment investigations completed this reporting period: 10

Below, report on the percent of catchments investigated ***to date.***

Percent of total catchments investigated: 0.6

Optional: Provide any additional information for clarity regarding the catchment investigations below:

Screening information completed during this reporting period for outfalls with dry weather flow is included in the IDDE Report for Permit Year 2. Catchment investigations were focused on Problem Outfalls with historical or newly identified suspect flows.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- (•) The illicit discharge removal report is attached to the email submission
- ( ) The illicit discharge removal report can be found at the following website:

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed ***during this reporting period.***

Number of illicit discharges identified: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed: 0 gallons/day

Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed ***since the effective date of the permit (July 1, 2018).***

Total number of illicit discharges identified: 0

Total number of illicit discharges removed: 0

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

DCR is actively working to follow up on a number of potential illicit discharges observed by DCR or reported to DCR as concerns but we have not verified if the discharges are illicit nor identified their sources. Catchment investigations are in progress. A summary of each investigation is included in the Permit Year 2 IDDE report attached.
DCR was notified by other MS4 owners that there were SSOs onto DCR property. DCR updated the IDDE Plan to reflect these identified SSOs. These were not included in the SSO table above because they are not DCR owned.

Employee Training

Describe the frequency and type of employee training conducted **during the reporting period**:

DCR has provided Stormwater staff training to new employees in April 2020 for IDDE investigations, GIS mapping, SWPPP inspections, and BMP inspections. A department-wide training did not occur this reporting period due to COVID-19.

MCM4: Construction Site Stormwater Runoff Control

Below, report on the construction site plan reviews, inspections, and enforcement actions completed ***during this reporting period.***

Number of site plan reviews completed: 0

Number of inspections completed: 2

Number of enforcement actions taken: 0

Optional: Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

DCR ensures construction site stormwater management through compliance with the NPDES Construction General Permit (GP). DCR includes a bid item and special provisions on construction contracts to be advertised for bid which exceed the one-acre land disturbance threshold. The bid item and special provisions require preparations of a Stormwater Pollution Prevention Plan (SWPPP) in accordance with the Construction GP. The special provisions also reference the construction erosion and sediment control guidelines outlined in DCR's Stormwater Handbook. Inspections and corrective actions are conducted in accordance with the Construction GP and SWPPP. No enforcement actions were required from the 2 site inspections performed this year.

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

Ordinance or Regulatory Mechanism

Below, select the option that describes your ordinance or regulatory mechanism progress.

- ○ Bylaw, ordinance, or regulations are updated and adopted consistent with permit requirements
- ○ Bylaw, ordinance, or regulations are updated consistent with permit requirements but are not yet adopted
- ◉ Bylaw, ordinance, or regulations have not been updated or adopted

As-built Drawings

Describe the measures the MS4 has utilized to require the submission of as-built drawings and ensure long term operation and maintenance of completed construction sites:

DCR is utilizing as-built drawings to ensure that new or re-constructed drainage infrastructure in included in our MS4 GIS Mapping system. DCR will develop specific as-built submittal requirements in Permit Year 3, in accordance with the modified permit timeline for development of regulatory mechanisms.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

No progress during reporting period. DCR will include street design and parking lot assessments in the Stormwater Handbook, which is planned to be developed in Permit Year 3, in accordance with the modified permit timeline for development of regulatory mechanisms.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

Not applicable to non-traditional MS4s

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

No progress during reporting period

MCM6: Good Housekeeping

Catch Basin Cleaning

Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins ***during this reporting period****.*

Number of catch basins inspected: 1,439

Number of catch basins cleaned: 1,203

Total volume or mass of material removed from all catch basins: 1,325 tons

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins: 8,319

If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

If CB sump has been reported as more than 50% full after two yearly visits, notation will be made to visit twice a year.

Street Sweeping

Report on street sweeping completed ***during this reporting period*** *using one of the three metrics below.*

○ Number of miles cleaned:

◉ Volume of material removed: 1,245 cubic yards

○ Weight of material removed: [Select Units]

O&M Procedures and Inventory of Permittee-Owned Properties

Below, check all that apply.

The following permittee-owned properties have been inventoried:

☒ Parks and open spaces
☒ Buildings and facilities
☒ Vehicles and equipment

The following O&M procedures for permittee-owned properties have been completed:

☒ Parks and open spaces
☒ Buildings and facilities
☒ Vehicles and equipment

Stormwater Pollution Prevention Plan (SWPPP)

Below, report on the number of site inspections for facilities that require a SWPPP completed ***during this reporting period.***

Number of site inspections completed: 2

Describe any corrective actions taken at a facility with a SWPPP:

No corrective actions taken during reporting period.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

◉ Not applicable
○ The results from additional reports or studies are attached to the email submission
○ The results from additional reports or studies can be found at the following website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

Additional Information

Optional: Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above:

DCR developed a SWPPP template to use for our facilties requiring SWPPPs and a GIS based mobile application for staff to use while performing SWPPP site inspections.

DCR completed a cleanup of floating debris on the Muddy River in November 2019, removing 6 tons of material.

COVID-19 Impacts

Optional: If any of the above year 2 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Development of individual SWPPPs and performing SWPPP inspections were delayed due to COVID-19.

Volume of material collected during street sweeping is less than last year due to shorter timeframe (last reporting period was 15 months) and DCR not implementing our daytime "tag & tow" program due to COVID-19, resulting in DCR sweeping around parked cars and not being being to sweep curb to curb.

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 3 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

- Inspect all outfalls/ interconnections (excluding Problem and Excluded outfalls) for the presence of dry weather flow
- Complete follow-up ranking as dry weather screening becomes available

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in

connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all uncurbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary

Provide any additional details on activities planned for permit year 3 below:

Part V: Certification of Small MS4 Annual Report 2020

40 CFR 144.32(d) Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Jim Montgomery Title: Commissioner

Signature: [signature] Date: 9/24/2020

[Signatory may be a duly authorized representative]