Stormwater Management Program (SWMP)

City of Dover, NH

Permit Year 3

EPA NPDES Permit Number NHR041000

Background

Stormwater Regulation

The Stormwater Phase II Final Rule was promulgated in 1999 and was the next step after the 1987 Phase I Rule in EPA's effort to preserve, protect, and improve the Nation's water resources from polluted stormwater runoff. The Phase II program expands the Phase I program by requiring additional operators of MS4s in urbanized areas and operators of small construction sites, through the use of NPDES permits, to implement programs and practices to control polluted stormwater runoff. Phase II is intended to further reduce adverse impacts to water quality and aquatic habitat by instituting the use of controls on the unregulated sources of stormwater discharges that have the greatest likelihood of causing continued environmental degradation. Under the Phase II rule all MS4s with stormwater discharges from Census designated Urbanized Area are required to seek NPDES permit coverage for those stormwater discharges.

Permit Program Background

On May 1, 2003, EPA Region 1 issued its Final General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (2003 small MS4 permit) consistent with the Phase II rule. The 2003 small MS4 permit covered "traditional" (i.e., cities and towns) and "non-traditional" (i.e., Federal and state agencies) MS4 Operators located in the states of Massachusetts and New Hampshire. This permit expired on May 1, 2008 but remained in effect until operators were authorized under the 2016 MS4 general permit, which became effective on July 1, 2018.

Stormwater Management Program (SWMP)

The SWMP describes and details the activities and measures that will be implemented to meet the terms and conditions of the permit. The SWMP accurately describes the permittees plans and activities. The document should be updated and/or modified during the permit term as the permittee's activities are modified, changed or updated to meet permit conditions during the permit term. The main elements of the stormwater management program are (1) a public education program in order to affect public behavior causing stormwater pollution, (2) an opportunity for the public to participate and provide comments on the stormwater program (3) a program to effectively find and eliminate illicit discharges within the MS4 (4) a program to effectively control construction site stormwater discharges to the MS4 (5) a program to ensure that stormwater from development projects entering the MS4 is adequately controlled by the construction of stormwater controls, and (6) a good housekeeping program to ensure that stormwater pollution sources on municipal properties and from municipal operations are minimized.

Small MS4 Authorization

The NOI was submitted on	October 1, 2018
The NOI can be found at the	following (document name or web address):
https://www.epa.gov/npdes	-permits/regulated-ms4-new-hampshire-communities
Authorization to Discharge u	nder the 2017 NH Small MS4 General Permit was granted on
May 14, 2019	
The Authorization Letter can	be found (document name or web address):
https://www.dover.nh.gov/g	government/city-operations/planning/stormwater/index.html

Stormwater Management Program Team

SWMP Team Coordinator:

Position/Title: John Storer, PE

Director of Community Services

(603) 516-6450

j.storer@dover.nh.gov

SWMP Team:

Position/Title: Bill Boulanger

Deputy Director of Community Services

(603) 516-6450

b.boulanger@dover.nh.gov

Position/Title: Gretchen Young, PE

Environmental Project Manager

(603) 516-6450

g.young@dover.nh.gov

Receiving Waters

The list of receiving waters, impairments and number of outfalls discharging to each waterbody segment has been included in the Notice of Intent.

Eligibility: Endangered Species and Historic Properties

Endangered Species and Historic Properties eligibility information has been included in the Notice of Intent.

MCM 1 Public Education and Outreach

Permit Part 2.3.2

Requirement Year 1

BMP: Grass and Fertilizer

Description: Launch an outreach campaign based on Dover's use of steam as a

chemical free means of preforming municipal weed control. https://www.seacoastonline.com/news/20190601/dover-creates-steam-

machine-to-kill-curbside-weeds

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Community Services

Measurable Goal(s): To have article printed in one local newspaper and shared over social

media by at least three other organizations.

Message Date: June 1, 2019

BMP: Petwaste Disposal

Description: Pass out brochures and information promoting proper pet waste

management, impacts of improper management, and disposal requirements at the City of Dover Apple Harvest Day event. Have residence pledge to properly dispose of pet waste and enter to win high-quality pet waste collector (poop-scoop) and gift certificate for

pet grooming at local pet store.

Targeted Audience: Pet Owners

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Approximately 20,000 people attend Apple Harvest Day. A total of 76

people signed a pledge to follow proper pet waste protocol.

Message Date: Summer, time of license renewal, other

BMP: Disposal of Leaf and Grass Clippings

Description: Pass out leaf and debris brochures and information promoting the use

of curbside yard waste collection program at the City of Dover Apple Harvest Day event. Have residents pledge to properly dispose of leaf and grass clippings and enter to win a high-quality rake and yard waste

bags.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Approximately 20,000 people attend Apple Harvest Day. A total of 50

people signed a pledge to follow proper yard waste removal protocol.

Message Date: Fall

BMP: Septic System Maintenance

Description: Distribute and promote brochure, directing to website to educate New

Hampshire homeowners with septic systems on how to identify, locate and maintain those systems at the City of Dover Apple Harvest Day event. Get Pumped NH is a collaborated effort between the New Hampshire Association

of Septage Haulers (NHASH) and the New Hampshire Department of

Environmental Services (NHDES).

Targeted Audience: Septic System Owners

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Count the number of reconstructed or eliminated septic systems.

Message Date: Fall

Requirement Year 2

BMP: Grass and Fertilizer

Description: Send City of Dover Staff (Deputy Director of Community Services) as

well as encourage Landscapers, designers, contractors, maintenance professionals, watershed groups, volunteer municipal board members, residents and students to attend the Landscaping for Water Quality Workshop. Landscaping for Water Quality Workshop is a two-day training provided by UNH Cooperative Extension faculty, NHDES Soak Up the Rain Program specialists, and guest speakers who are experts in their field. Participants will learn about best management practices to reduce impacts to water quality. Topics will include how

to use ecological landscape practices including rain gardens, vegetative buffers, and other green infrastructure to infiltrate stormwater and absorb pollutants and how to reduce impacts from fertilizer and good housekeeping related leaf and yard waste.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Track the number of attendees that practice landscaping in Dover.

Message Date: Even to be held on March 26 and 27.

BMP: Petwaste Disposal

Description: Distribute Every Drop pet waste brochures with each dog license

issued.

Targeted Audience: Pet Owners

Responsible Department/Parties: City Clerk & Community Services Department

Measurable Goal(s): Track the number of residents who log in and take the pledge to Scoop

the Poop.

Message Date: Spring

BMP: Disposal of Leaf and Grass Clippings

Description: Pass out leaf and debris brochures and information promoting the use

of curbside yard waste collection program at the City of Dover Apple Harvest Day event. Have residents pledge to properly dispose of leaf and grass clippings and enter to win a high-quality rake and yard waste

bags.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Increase the number of residents who take the pledge

Message Date: Fall

BMP: Developer/Construction

Description: Hold preconstruction meetings prior to permitting any commercial

project that has gone through the Planning Board review process. Address stormwater and erosion control construction practices in each

meeting.

Targeted Audience: Developer/Construction

Responsible Department/Parties: Track the number of pre-construction meetings held.

Measurable Goal(s): TBD

Message Date: Ongoing.

BMP: Septic System Maintenance

Description: Distribute and promote brochure, directing to website to educate New

Hampshire homeowners with septic systems on how to identify, locate and maintain those systems at the City of Dover Apple Harvest Day event. Get Pumped NH is a collaborated effort between the New Hampshire Association

of Septage Haulers (NHASH) and the New Hampshire Department of

Environmental Services (NHDES).

Targeted Audience: Septic System Owners

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Count the number of reconstructed or eliminated septic systems.

Message Date: Fall

Requirement Year 3

BMP: Grass and Fertilizer

Description: Organic gardening program (virtual)

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Library

Measurable Goal(s): Reach at least 50 attendies. (Goal met – 248 attended)

Message Date: Spring

BMP: Petwaste Disposal

Description: Distribute Every Drop pet waste cards with each dog license issued.

Targeted Audience: Pet Owners

Responsible Department/Parties: City Clerk & Community Services Department

Measurable Goal(s): Track the number of residents who log in and take the pledge to Scoop

the Poop.

Message Date: March 2021

BMP: Disposal of Leaf and Grass Clippings

Description: Due to COVID, we were not able to hold our regular outreach and

raffle at the Dover Apple Harvest Day event. This year, flyers were put out in various locations around the city announcing the leaf and debris pick-up and drop-off options. Additionally, there was public

outreach through the Dover Download.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Count the number of folks receiving and reading the Dover Download

messaging set out.

Message Date: Fall

BMP: Industrial Site Stormwater Mailer

Description: Mail information to all NHDES registered industrial sites in the City.

Targeted Audience: Industrial

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Provide information to all NHDES registered industrial sites in the

City.

Message Date: Spring 2021

BMP: Septic System Maintenance

Description: Septic Smart Week messaging, provided by NHDES included in the

City of Dover, Dover Download. Dover Download is a weekly message to residents that includes pertinent information for the week.

Targeted Audience: Septic System Owners

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Count the number of folks receiving and reading the Dover Download

messaging set out.

Message Date: September 18, 2020

Requirement Year 4

BMP: Grass and Fertilizer

Description: TBD

Targeted Audience: Residential &/or Business

Responsible Department/Parties:

Measurable Goal(s): TBD

Message Date: Spring

BMP: Petwaste Disposal

Description: TBD

Targeted Audience: Pet Owners

Responsible Department/Parties:

Measurable Goal(s): TBD

Message Date: TBD

BMP: Disposal of Leaf and Grass Clippings

Description: TBD

Targeted Audience: Residential &/or Business

Responsible Department/Parties:

Measurable Goal(s):	TBD
Message Date:	Fall
BMP: TBD	
Description:	TBD
Targeted Audience:	Developer/Construction
Responsible Department/Parties:	
Measurable Goal(s):	TBD
Message Date:	Fall
BMP: Septic System Maintenance	
Description:	TBD
Targeted Audience:	Septic System Owners
Responsible Department/Parties:	Community Services Department
Measurable Goal(s):	TBD
Message Date:	Fall
Requirement Year 5	
BMP: Grass and Fertilizer	
Description:	TBD
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	
Measurable Goal(s):	TBD
Message Date:	Spring
BMP: Petwaste Disposal	
Description:	TBD
Targeted Audience:	Pet Owners
Responsible Department/Parties:	
Measurable Goal(s):	TBD

Message Date:	TBD
BMP: Disposal of Leaf and Grass C	<u>lippings</u>
Description:	TBD
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	
Measurable Goal(s):	TBD
Message Date:	Fall
BMP: TBD	
Description:	TBD
Targeted Audience:	Industrial
Responsible Department/Parties:	
Measurable Goal(s):	TBD
Message Date:	Fall
BMP: Septic System Maintenance	
Description:	TBD
Targeted Audience:	Septic System Owners
Responsible Department/Parties:	Community Services Department
Measurable Goal(s):	TBD
Message Date:	Fall

MCM 2

Public Involvement and Participation

Permit Part 2.3.3

BMP: Public Review of Stormwater Management Program

Location of Plan and/or Web Address:

https://www.dover.nh.gov/government/city-operations/planning/stormwater/index.html

Responsible Department/Parties: Community Services Department

Measurable Goal(s): Stormwater Management Plan is publicly available

BMP: Public Participation in Stormwater Management Program Development

Description: Review the Stormwater Management Program annually at the Dover Utilities Commission.

Responsible Department/Parties: Community Services Department.

Measurable Goal(s): Annual public input provided

MCM 3 Illicit Discharge Detection and

Elimination (IDDE) Program

Permit Part 2.3.4

BMP: IDDE Legal Authority

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Sanitary Sewer Overflow (SSO) Inventory

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Map of Storm Sewer System

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: IDDE Program

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Employee Training

See Illicit Discharge Detection and Elimination (IDDE) Plan

MCM 4 Construction Site Stormwater Runoff Control

Permit Part 2.3.5

BMP: Sediment and Erosion Control Ordinance

Completed (by May 1, 2008) \boxtimes

Ordinances Link or Reference:

Section 149-19 A.3 (d) of the City of Dover Site Review Regulations and the City of Dover, New Hampshire, Community Services - Construction

Guidelines, Permits, Rules and Regulations

(https://www.dover.nh.gov/government/city-operations/community-pro

services/index.html)

Department Responsible for Enforcement:

Community Services Department through inspections, ultimately Planning Department through revoking approved Site Plan Approval if approved practices are not being followed.

BMP: Site Plan Review Procedures

Written procedures completed (by year 1) \boxtimes

Document Name and/or Web Address:

Section 149-4 of the City of Dover Site Review Regulations outlines applicability and review process.

Department Responsible for Enforcement:

The Planning Department initiates the review process. Review for stormwater related items is conducted by a representative from the Community Services (engineering) Department.

Description: Review proposed projects to ensure adherence to the established

applicable regulations.

Measurable Goal(s): Conduct site plan review of 100% of projects according to the

procedures outlined above.

BMP: Site Inspections and Enforcement of Sediment and Erosion Control Measures Procedures

Completed (by year 1) \boxtimes

Document Name and/or Web Address:

Section 149-19 (d) of the City of Dover Site Review Regulations and the City of Dover, New Hampshire, Community Services - Construction Guidelines, Permits, Rules and Regulations (https://www.dover.nh.gov/government/cityoperations/community-services/index.html)

Department Responsible for Enforcement:

Community Services Department through inspections, ultimately Planning Department through revoking approved Site Plan Approval if approved practices are not being followed.

Description: Inspect construction sites to ensure adherence to the established

applicable regulations.

Measurable Goal(s): Inspect 100% of construction sites as outlined in the above document

and take enforcement actions as needed.

MCM 5

Post Construction Stormwater Management in New Development and Redevelopment Permit Part 2.3.6

BMP: Post-Construction Ordinance

Completed (by year 2) \boxtimes

Town Ordinances Link or Reference:

Section 149-19 A of the City of Dover Site Review Regulations.

Department Responsible for Enforcement:

Community Services Department through inspections, ultimately Planning Department through revoking approved Site Plan Approval if approved practices are not being followed.

BMP: Street Design and Parking Lot Guidelines Report

Completed (by year 4) \boxtimes

Document Name and/or Web Address:

Section 149-4 of the City of Dover Site Review Regulations requires minimum parking standards apply. City of Dover Complete Streets and Traffic Calming Standards require the use of green infrastructure be incorporated into the design or redesign of City streets.

Department Responsible for Enforcement:

The Planning Department and Community Services (engineering) Department.

Description: The Planning Department and Community Services (engineering)

Department.

Measurable Goal(s): Recommendations are implemented by year 4 with progress reported

annually.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Written Document Completed (by year 3) \boxtimes

Document Name and/or Web Address: Process is outlined in this SWMP document.

Responsible Department/Parties: Community Services Department

Description: Structural stormwater BMPs will be inspected annually at a minimum and

maintained as needed.

Basic inspection forms are as follow, each BMP inspection will be completed and a copy of the inspection will be logged as an inspection work order in the City of Dover VueWorks asset management plan. Work required for BMP's will be logged

as a service request for the Public Works Highway Department to address.

Measurable Goal(s): Inspect and Maintain 100% of treatment structures to ensure property function.

BMP: Green Infrastructure Report
Completed (by year 4) □
Document Name and/or Web Address: TBD
Department Responsible for Enforcement: TBD
Description:
Measurable Goal(s): Recommendations are implemented by year 4 with progress reported annually.
BMP: List of Municipal Retrofit Opportunities
Completed (by year 4) \square
Document Name and/or Web Address: TBD
Department Responsible for Enforcement: TBD
Description:
Measurable Goal(s): The list is completed by year 4 and updated as needed.

MCM 6

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

Permit Part 2.3.7

PERMITTEE OWNED FACILITIES

Requirements Due by Year 2

Description: Dover has established procedures to address the proper use, storage, and disposal of pesticides, herbicides, and fertilizers (PHF) including minimizing the use of these products in accordance with manufacturer's instructions; trash management; pet waste disposal; waterfowl management; and erosion and poor vegetative cover and as outlined in Section 2.3.7.1 a. of the MS4 permit.

Municipal Parks and Open Space Inventory

The following is a list of properties covered by these procedures and include all municipal and county facilities where fertilizers are stored, mixed, applied, recycled, or disposed of, and at municipal properties in which lawns or vegetation are mowed, trimmed, and maintained (e.g. parks, golf courses, and open space properties) located within the MS4 area. This inventory shall be updated annually during SWMP review.

LOCATION	AREA sq ft	Contr actor	Lawn Mowing	Landsc aping	Fertilizi ng	Pesticide/ Herbicide	Trash Mgmt	Pet Waste	Waterfowl Mgmt.	Other Mgmt.
Willand Pond	15,612		X				Х	X	X	
Miracle Mile (only 1 side from hospital to Glenwood										
Ave)	5,703		X				X	X	X	
Glenwood & Whittier (strip on stop sign										
side of road)	5,256		X				X	X	X	
Sixth & Whittier	4,648		V				W.	W.	v	
Sixth & Glenwood (2 corners)	3,185		X X				X	X	X X	
Sixth and Indian Brook Drive (both corners)	14,000		x				Х	X	X	
262 Sixth St- (grass strip btwn Fire Station & Liberty Mutual)	14,300		x				X	х	x	
262 Sixth St	- 1,000									
North End Fire Station Garrison Hill	57,326		X		X	X	X	X	X	
Park	153,000		X				x	X	X	
Amanda Howard Park Tuttle Lane and	18,000		X				X	X	X	
Middle Rd int	560		X				X	X	X	
Austin Tuttle Cemetery	22,225		X				X	X	X	
Gerrish Rd and Spur Rd (island) Pinkham	6,200		X				Х	X	X	
Cemetery (near New Bellamy Lane)	11,737		X				X	X	X	
Roberts	25.260									
Cemetery Court St/Back Rd/Middle Rd island near	35,360		X				X	X	X	
cemetery	2,100		X				X	X	X	
Venture Drive Production Drive	192,158 10,770		X				X	X	X	
Park St Park	45,738		X	v			X	X	X	
Central Avenue & Jenness St	6,500		X X	X			X	X X	X	
Jenness St Hill	3,400		X				X	X	X	
Stark Ave by Dover sign	30,225		X	X			Х	X	X	
Stark Ave across from										
Watson Lane	30,225		X		<u> </u>		X	X	X	<u> </u>

Locust St &	I	1		1	ĺ			I	1	1
Central Ave	700		X				X	X	X	
Rutland @	, 00									+
Central to 1st										
house (by old										
RR tracks)	1,393		X				X	X	X	
Store 24 -	1,000									+
behind										
guardrail	5,575		X				X	X	X	
Durham Rd -	2,2.2									
by school lights										
(near bridge)	5,217		X				X	X	X	
Morningside	- , .									
Park - ballfield	153,000		X				X	X	X	
Guppy Park										
(Pool, Arena)			X				X	X	x	
Guppy Park -										+
Dover Sign			X	X			X	X	X	
Portland Ave				 		1	<u> </u>			
(grass strip)	6,596		X				X	X	X	
Atlantic and	-,			+			<u> </u>			+
Cocheco St										
(island)	2,752		X				X	X	X	
Hancock Park				+	<u> </u>	1				\dagger
	74,555		X	_			X	X	X	
Portland &	2 290									
Chapel St	3,380		X	_			X	X	X	+
Orchard St lot	29,226		X	X			X	X	X	
Henry Law										
Park (front &										
pool										
areas)(back										
parking lot to	102.024									
Washington St)	102,024		X	X	X	X	X	X	X	
Public Works										
Facility Mast	60.162									
Rd	68,163		X	X			X	X	X	
Bellamy Park										
& parking lot										
(Camp Sun &	141 605									
Fun)	141,625		X	+	 	 	X	X	X	1
Washington &	1.050									
Arch	1,950		X	+	 	 	X	X	X	
Strip across										
from Arch St -										
on Washington										
up to Highland St	2 276		v				v	v	v	
Washington &	3,276		X	+	 	 	X	X	X	+
Fourth	21 260		37				***	***		
River St(canoe	21,360		X	+	 	 	X	X	X	+
launch to										
bridge)	10,880		v				v	v	v	
George St	10,000		X	+	 	+	X	X	X	+
(island)	200		v	v			v	v	v	
			X	X	 	+	X	X	X	
Applevale Park	48,478		X	<u> </u>			X	X	X	
Back River &	6.040		_							
Mast Rd Path - Back	6,840		X	+	 		X	X	X	-
Path Rack										
	l									
River Rd to Danielle Lane-	10,712		X				X	X	X	

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Weeks	1	1	1	I	1	I	I	I	1
Lane&Central -									
(by traffic light									
box-done by									
Pizza Hut)	x	X				x	X	X	
Crosby Rd	Α	^				Λ	Λ	A	
entrance - done									
by contractor -									
Bob Sherwood									
	X	X				X	X	X	
Drew									
Cemetery -									
Garrison Rd -									
done by									
contractor -									
Bob Meserve	X	X				X	X	X	
Henry Law									
Park - done by									
contractor	X	X				X	X	X	
Shaws Lane									
Ballfields -									
done by									
contractor -									
L&H									
Landscape									
Co.2009	X	X	X	X		X	X	X	
BALLFIELDS									
Garrison	-								
School									
ballfields &									
playground									
area - done by									
Bob Meserve	v	v	v	v		v	v	v	
	X	X	X	X		X	X	X	
Guppey Ball									
field - done by									
contractor - Bob Meserve								v	
	X	X				X	X	X	
Horne St									
School - done									
by contractor -									
Bob Meserve	X	X				X	X	X	
Long Hill									
Park									
multipurpose									
field - done by									
contractor -									
Bob Meserve	X	X	X	X		X	X	X	
Maglaras Park					1				
- done by									
contractor -									
Bob Meserve	X	X	X	X		X	X	X	
Sullivan									
Drive - done by									
contractor -									
Bob Meserve	X	X	X	X		X	X	X	
Woodman									
Park - done by									
contractor -				1	i .	1	1	I	1
Bob Meserve	X	Х	X	X		X	X	X	
	X X	X X	X	X		X	X	х	

Tuesday - by city crew							
City Cicw							
ADOPT A SPOT		v		v	v	v	v
	-	X		X	X	X	X
Chestnut & Central		X		X	X	X	X
Glenwood & Whittier		X		Х	X	Х	х
Immigrant Park		v		v	v	v	v
Pierce St &		X		X	X	X	X
Broadway		X		X	X	X	X
Rte 108 & Back River Rd							
Islands		X		X	X	X	X
St. John & Broadway		v		v	v	v	v
		X		X	X	X	X
Tuttle Square		X		X	X	X	X

Responsible Department/Parties: City of Dover, Community Services/ Facility and Grounds

Training:

City staff does not handle or apply chemicals such as fertilizers or pesticides etc. so no specific training provided for this. Each year there is safety and operation training on the mowers. The mowing is kept to a weekly schedule, and clippings are left in place.

All contractors involved in Parks and Open Spaces operations are provided the information in this section of the SWMP. See City mowing and treatment bids outlining required practices, and list of all used chemical treatments.

Best Management Practices

The following best management practices (BMPs) aim to minimize the concentration of nitrogen and phosphorus in stormwater runoff:

Lawn Maintenance

Landscape Maintenance

- Mulch-mow grasses whenever possible; grass clippings are a natural fertilizer.
- Sweep grass clippings from sidewalks or streets back onto grassy areas.
- Dispose of organic wastes by composting whenever possible. When composting is not possible, dispose of organic wastes at an approved disposal facility. In both cases, ensure that runoff from sites does not enter a waterway.
- Do not wash down or dispose of lawn clippings, leaves, tree trimmings, or other landscape waste in a storm drain, drainage ditch, or open body of water.
- Consider landscape design that utilizes native, drought tolerant vegetation.

See following link for contractor requirements as outlined in the bid documents.

https://online2.dover.nh.gov/search/mow/public/1/deptnum/3/cab/Bids_and_Requests_for_Proposal

Application of Fertilizers

• Properly calibrate all fertilizer application equipment to ensure proper application rate.

- Time the application of fertilizers to coincide with the manufacturer's recommendation for best results.
- Consider using fertilizers with low or no levels of phosphorus.
- Consider use slow release fertilizers.

See following link for contractor requirements as outlined in the bid documents.

https://online2.dover.nh.gov/search/turf/public/1/deptnum/3/cab/Bids and Requests for Proposal

Storage and Handling of Fertilizers

- Store and mix fertilizers inside a covered area that has an impervious (i.e. hard or paved) surface, preferably indoors, so that spills or leaks will not contact soils or waters.
- Do not handle or dispose of fertilizers, pesticides, herbicides, or fungicides in or near storm drains, irrigation ditches, or surface water.
- Dispose of excess or leftover chemicals according to the instructions on the label, preferably on the target pest, vegetated area, or as hazardous waste.

Trash Management

- Routinely pick up any trash bags left along trails, parks, or streets.
- Empty trash cans and dumpsters regularly.
- Keep lids on all trash cans and dumpsters.

Pet Waste Cleanup

• Post signs in areas concerning the proper disposal of pet wastes.

Waterfowl Waste Management

• Discourage waterfowl from living in stormwater infrastructure.

Erosion and Poor Vegetative Cover

- Install temporary sediment and erosion control stabilization measures as needed.
- Re-establish grass or native plants, especially within 50 ft of a surface water.

Measurable Goal(s): Implement the BMP's on 100% of the parks and open spaces.

BMP: Buildings and Facilities Operations and Maintenance Procedures

Requirements Due by Year 2

Description: Evaluate the use, storage, and disposal of petroleum products and other potential stormwater pollutants. Provide employee training as necessary, ensure that Spill Prevention Plans are in place. Develop management procedures for dumpsters and other waste management equipment. Sweep lots and areas surrounding the facilities clean to reduce runoff of pollutants in accordance with Section 2.3.7.1 b. of the MS4 permit.

Municipal Buildings and Facilities Inventory

The following is a list of properties covered by these procedures and include all schools, municipal offices, police and fire stations, municipal pools, parking garages, etc. located within the MS4 area. This inventory shall be updated annually during SWMP review.

LOCATION	Address	Services Contracted	Trash Management	Building Maintenance	Pollutant Storage	Petroleum Storage	Other Mgmt.
	61 Locust St /						
M.C. 11.C.	30 St Thomas						
McConnell Center	St Washington		X	X	X		
Indoor Pool	6 Washington St		X	X	X		
Guppey Park	Di .		A	A	A		
/Jenny Thompson	150 Portland						
Outdoor Pool	Ave		X	X	x		
	110 Portland						
Ice Arena	Ave		X	X	X		
Shaws Lane Rec							
bldg 2009	3 Shaws Lane		X	X			
Metal Storage bldg	River St		X	X			
	23 Bellamy/48						
Bellamy Park Bldg	Knox Marsh Rd		X	X			
Public Parking							
Garage	46 Orchard St						
Police Facility	46 Orchard St		X	X			
South End Fire							
Station	25 Durham Rd		X	X	X		
Central Fire							
Station	9-11 Broadway		X	X	X		
North End Fire							
Station 2009	262 Sixth St		X	X	X		
	156 Back River						
Veteran's Bldg	Rd		X	X			
Pine Hill F&G							
Facility	Court Street		X	X	X	X	
C' II-II	288 Central						
City Hall	Ave		X	X			
PW Facility	271 Mast Rd		X	X	X		
Recycling Center	265 Mast Rd		X	X	X		
Dover Public							
Library	73 Locust St		X	X			
Transportation							
Center & Platform	32 Chestnut St		X	X			
WWTP Admin	40436111 701						
Bldg-Process Bldg	484 Middle Rd		X	X			
WWTP Blower	494 M: 441a D.4						
Building WWTP	484 Middle Rd		X	X	X		
Composting							
Facility	484 Middle Rd		X	X	X		
Woodman Park	11 Towle		Δ.				
School	Avenue	X	X	X			
Horne Street							
School	78 Horne Street	X	X	X			
	50 Garrison						
Garrison School	Road	X	X	X			
Middle School	16 Daley Drive	X	X	X			
	25 Alumni						
Dover High/CTC	Drive	X	X	X			
	25 Alumni						
Barn	Drive	X	X	X			
Alternative Sch	50 Alumni Dr	Х	X	X			
Tin Shed							
ı III SIICU	Bellamy Rd	X	X	X		1	

Bouchard Water	104 French	İ	1	1	l	1 1
Plant	Cross Rd					
	Cross Ru	X	X	X		
Griffin Water	255 M . D 1					
Treatment Plant	355 Mast Rd	X	X	X		
Lowell Ave Water						
Treatment Plant	11 Lowell Ave	X	X	X		
Lowell Ave NEPZ						
Water Booster						
Station	16 Lowell Ave	X	X			
River St Pumping						
Station	31 River St	X	X	X		
Well Smith -	40 Smithwell					
Cummings	Rd	X	X	X		
	128 Glen Hill					
Well Campbell	Rd	X	X	X		
Well Calderwood	110 Glen Hill					
chem	Rd	X	X	X		
Well Calderwood	110 Glen Hill					
pump	Rd	X	x			
Well Hughes	19 Old Stage	X	X	X		
Well House						
Griffin	355 Mast Rd	X	X			
Well Willand	24 New					
Pond	Rochester Rd	X	X	X		
Well Ireland	275 Mast Rd	X	X	X		
Isinglas Recharge						
Pump House	Glen Hill Rd	X	X			
W/W Pumping	Gien Tim Ru	A	A			
Station						
COCHECO	25 Cocheco St	x	x			
W/W Pumping	23 Coeffeed St	A	A			
Station						
EVERGREEN	31 Sullivan DR	x	x			
W/W Pumping	31 Sumvan DK	Λ	A			
Station	16b Cranbrook					
CRANBROOK						
	Ln	X	X			
W/W Pumping	56a New					
Station						
STRAFFORD	Rochester Rd	X	X			
W/W Pumping	47.11 1.					
Station	47 Hampshire					
HAMPSHIRE	Cir	X	X			
W/W Pumping						
Station CTY	County Farm					
FARM LIFT	Rd	X	X			
W/W Pumping						
Station WATSON	5 Sandpiper Ln	X	X			
W/W Pumping						
Station CROSBY	182 Crosby Rd	X	X			
W/W Pumping						
Station MAST	135 Mast Rd	 X	X			
W/W Pumping		 				
Station SPRUCE	5a Spruce Ln	 X	X			<u> </u>
W/W Pumping						
Station MIDDLE						
SCHL	18 Daley Dr	X	X			
W/W Pumping						
Station IRELAND	275 Mast Rd	X	X			
W/W Pumping			1			
Station MILL	60 Mill St	X	x			
Sumon Hills	50 1.111 Dt	1 48	1 48		1	ı — — — — — — — — — — — — — — — — — — —

W/W Pumping					
Station CHARLES	25 Charles St	X	X	X	
W/W Pumping					
Station MT					
PLEASANT	18 Back Rd	X	X		
W/W Pumping					
Station	22A Issac				
BRICKYARD	Lucas Cir	X	X		
W/W Pumping					
Station					
VARNEYBROOK	89 Gerrish Rd	X	X	X	
W/W Pumping	12 Boston				
Station BOSTON	Harbor Rd	X	X		
W/W Pummping					
Station					
LEIGHTON	14 Leighton				
WAY	Way	X	X		

Responsible Department/Parties: See Table

Training:

Annual maintenance procedures training will be made available to employees involved in Municipal Building and Facilities operations. Training and procedures included as part of custodian annual performance review, or at time of hire. All contractors involved in Building and Facilities operations are provided the information in this section of the SWMP.

Best Management Practices

The following best management practices (BMPs) will be implemented at all municipally owned or operated buildings and facilities located within the MS4 area:

Handling, Storage, Transfer, and Disposal of Trash and Recyclables

All liquid and solid waste must be disposed of properly. Some of the most common sources of pollution at municipal facilities are a result of littering, improper collection of debris, and improper disposal of solid or liquid waste.

- All waste and recycling receptacles must be leak-tight with tight-fitting lids or covers.
- Keep lids on dumpsters and containers closed at all times unless adding or removing material.
- Do not locate dumpsters over or adjacent to catch basins.
- Clean up any liquid leaks or spills with dry cleanup methods.
- Arrange for waste or recycling to be picked up regularly and disposed of at approved disposal facilities.
- Never place hazardous materials, liquids, or liquid-containing wastes in a dumpster or recycling or trash container.
- Conduct periodic inspections of solid and liquid waste storage areas to check for leaks and spills.

Building Maintenance

• Sweep parking lots and keep areas surrounding facilities clean to reduce runoff of pollutants.

Storage of Petroleum Products and Potential Pollutants

- Evaluate the use, storage and disposal of petroleum products and other potential stormwater pollutants.
- Routinely inspect buildings and facilities for areas of potential discharges or leaks.

Spill Response

- Ensure that spill prevention plans are in place (these should be included for maintenance garages, public works yards, transfer stations and other waste handling facilities see individual SWPPPs).
- Notify the facility's supervisor immediately and ensure that other staff and/or members of the public are aware of the spill and removed from the spill area as appropriate.
- Coordinate with fire department as necessary.
- For large oil spills, NHDES Petroleum Spill Response program will be notified immediately at (603) 271-3644 and an emergency response contractor would be called in.
- Materials and equipment necessary for spill cleanup may include but are not limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for the purpose.

Measurable Goal(s): Implement the BMP's on 100% of buildings and facilities.

BMP: Vehicles and Equipment Operations and Maintenance Procedures

Requirements Due by Year 2

Description: The City of Dover has established procedures for the storage of permittee vehicles. Vehicles with fluid leaks shall be stored indoors and containment shall be provided. Evaluate fueling areas owned by the permittee or used by permittee vehicles. Procedures have been established to ensure that vehicle wash waters are not discharged to municipal stormdrains or surface waters. Procedures have been established as outlined below and in accordance with Section 2.3.7.1.c of the MS4 permit.

Responsible Department/Parties: City of Dover, Community Services – Fleet Services and Fire Department

Training: Annual maintenance procedures training will be made available to employees involved in Vehicle Equipment operations.

Best Management Practices The following best management practices (BMPs) will be implemented for all municipally owned or operated vehicles and equipment:

Vehicle Storage

 Vehicles with fluid leaks shall be stored in doors or containment shall be provided until repaired.

Vehicle Maintenance

- Conduct routine inspections of heavy equipment and vehicles to proactively identify maintenance needs or potential leaks.
- Pre and Post trip inspections are completed each time heavy equipment is used.
- Perform routine preventive maintenance to ensure heavy equipment and vehicles are operating optimally.

- Recycle or dispose of waste properly and promptly.
- Sweep and pick up trash and debris as needed.
- Do not dump any liquids or other materials outside, especially near or in storm drains or ditches.

Fueling

- Fueling areas owned or operated by the municipality should be covered if possible.
- Fueling areas should be evaluated to ensure that pollutants (e.g., gasoline or oil) do not enter the MS4.
- The City of Dover currently utilizes the NHDOT fueling facility or Irving Gas Station.

Vehicle Washing Procedures

Outdoor washing of municipal vehicles should be avoided. Vehicle wash waters shall not be discharged to the MS4 or to surface waters.

- The City of Dover has a large wash bay for any heavy equipment that directs all water to the sanitary sewer system.
- Smaller vehicles including all police vehicles are washed at commercial car wash facilities with recycled waters.

In locations such as the fire stations, where no alternative wash system is available, and full containment of wash water cannot be achieved, adhere to the following procedures:

- Avoid discharge of any wash water directly to the storm drainage system or surface water (e.g., stream, pond, or drainage swale)
- Grassy and pervious (porous) surfaces may be used to promote direct infiltration of wash water, providing
 treatment before recharging groundwater and minimizing runoff to an adjacent stormwater system. Pervious
 surfaces or other infiltration-based systems should not be used within wellhead protection areas or within
 other protected resources.
- Minimize the use of water to the extent practicable.
- Where the use of detergent cannot be avoided, use of a biodegradable, phosphate-free detergent is preferred.
- Minimize engine or undercarriage cleaning.

Measurable Goal(s): Implement the BMP's on 100% of the vehicles.

INFRASTRUCTURE

BMP: Catch Basin Cleaning Program

Written Document Completed (by year 1) \boxtimes

Document Name and/or Web Address:

Process is outlined in this SWMP document.

Responsible Department/Parties:

Community Services Department

Description:

The City of Dover performs routine inspections, cleaning and maintenance of approximately 3,075 catchbasins that are located within the MS4 regulated area. The city will implement the following catch basin inspection and cleaning procedures to reduce the discharge of pollutants from the MS4.

• Routine inspection and cleaning of catch basins. Catch basins should be cleaned such that they are no more than 50 percent full at any time. The city has inspected all

catchbasins and established a schedule of bi-annual inspection and cleaning to meet the "50 percent" goal.

- If a catch basin sump is more than 50 percent full during two consecutive routine inspections or cleaning events, the finding will be documented, the contributing drainage area will be investigated for sources of excessive sediment loading, and to the extent practicable, contributing sources will be addressed. If no contributing sources are found, the inspection and cleaning frequency will be increased.
- Catch basins located near construction activities (roadway construction, residential, commercial, or industrial development or redevelopment) will be inspected and cleaned more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings (i.e., catch basins more than 50 percent full). Priority will also be given to catch basins that discharge to impaired waters.
- The following information will be included in each annual report:
 - o Any action taken in response to excessive sediment or debris loadings
 - o Total number of catch basins
 - o Number of catch basins inspected
 - o Number of catch basins cleaned
 - o Total volume or mass of material removed from catch basins.

Measurable Goal(s):

All catch basins are cleaned in accordance to the document above such that no catch basin is more than 50% full at any given time.

BMP: Street Sweeping Program

Written Document Completed (by year 1) \boxtimes

Document Name and/or Web Address:

Process is outlined in this SWMP document.

Responsible Department/Parties:

Community Servised Department

Description:

The City of Dover will implement the following street and parking lot sweeping procedures to reduce the discharge of pollutants from the MS4:

- All streets with the exception of rural uncurbed roads with no catch basins or high-speed limited access highways will be swept and/or cleaned a minimum of once per year in the spring (following winter activities such as sanding).
- More frequent sweeping will be considered for targeted areas based on pollutant load reduction potential, inspections, pollutant loads, catch basin cleaning or inspection results, land use, impaired waters, or other factors.
- More frequent sweeping is required for municipally-owned streets and parking lots in areas that discharge to certain nutrient-impaired waters. Sweeping must be performed in these areas a minimum of two times per year, once in the spring (following winter activities such as sanding) and at least once in the fall (Sept 1 Dec 1; following leaf fall)
- For rural uncurbed roadways with no catch basins and limited access highways, the city will either meet the minimum frequencies above, or develop and implement an inspection, documentation, and targeted sweeping plan outlining reduced frequencies within two (2) years of the effective date of the permit and submit such plan with its year one annual report.
- The following information will be included in each annual report:

o Number of miles cleaned, or the volume or mass of material removed

Measurable Goal(s): Annually sweep 100% of all streets and municipal parking lots in accordance with the

schedule listed above.

BMP: Winter Road Maintenance Program

Written Document Completed (by year 1) \boxtimes

Document Name and/or Web Address:Salt Reduction Plan

Responsible Department/Parties: Community Services Department

Description: Salt Reduction Plan

Measurable Goal(s): Fully implement Salt Reduction Plan.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Written Document Completed (by year 1) \boxtimes

Document Name and/or Web Address: Process is outlined in this SWMP document.

Responsible Department/Parties: Community Services Department

Description: Structural stormwater BMPs will be inspected annually at a minimum and maintained as

needed.

Measurable Goal(s): Inspect and Maintain 100% of treatment structures to ensure property function.

BMP: SWPPP

Written Document Completed (by year 2) \boxtimes

Document Name and/or Web Address:

Mast Road Facility SWPPP Facility and Grounds SWPPP

Responsible Department/Parties:

Community Services Department

Description: Develop and implement a SWPPP for all municipally owned or operated facilities in

accordance with Section 2.3.7.2 of the MS4 permit.

Measurable Goal(s): Implement SWPPP's for the Mast Road Public Works and Recycling Center Facility, and

the Facility and Grounds Court Street Facility.

Annual Evaluation

Year 1 Annual Report

Document Name and/or Web Address:

https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Year 2 Annual Report

Document Name and/or Web Address:

https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Year 3 Annual Report

Document Name and/or Web Address:

Will be posted on the EPA website. https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Year 4 Annual Report

Document Name and/or Web Address: TBD

Will be posted on the EPA website. https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Year 5 Annual Report

Document Name and/or Web Address: TBD

Will be posted on the EPA website. https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Year X Annual Report

Document Name and/or Web Address: TBD

Will be posted on the EPA website. Link to website to be included once completed.

TMDLs and Water Quality Limited Waters

Bacteria/Pathogens

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies)			Name
	rame		
NHEST600030406-01	E*01	SALMON FALLS RIVER	Enterococcus
			Fecal Coliform
NHEST600030608-01	E*01	COCHECO RIVER	Enterococcus
			Fecal Coliform
NHEST600030903-01-01	E*01-01	BELLAMY RIVER NORTH	Fecal Coliform
NHEST600030903-01-03	E*01-03	BELLAMY RIVER SOUTH CLEMENT POINT	Fecal Coliform
NHEST600030903-01-04	E*01-04	BELLAMY RIVER SOUTH	Fecal Coliform
NHEST600030904-06-15	E*06-15	LOWER LITTLE BAY GENERAL SULLIVAN BRIDGE	Fecal Coliform
NHEST600030904-06-18	E*06-18	LOWER LITTLE BAY	Fecal Coliform
NHEST600031001-01-01	E*01-01	UPPER PISCATAQUA RIVER- NH-NORTH	Fecal Coliform
NHEST600031001-01-03	E*01-03	UPPER PISCATAQUA RIVER- NH-SOUTH	Fecal Coliform
NHIMP600030903-02	I*02	BELLAMY RIVER - SAWYERS MILL DAM POND	Escherichia coli
NHLAK600030405-03	L*03	WILLAND POND	Escherichia coli
NHLAK600030608-01	L*01	FRESH CREEK POND	Escherichia coli
NHRIV600030608-02	R*02	BLACKWATER BROOK- CLARK BROOK	Escherichia coli
NHRIV600030608-03	R*03	COCHECO RIVER - UNNAMED BROOK	Escherichia coli
NHRIV600030608-04	R*04	REYNERS BROOK	Escherichia coli
NHRIV600030608-05	R*05	COCHECO RIVER	Escherichia coli
NHRIV600030608-06	R*06	INDIAN BROOK	Escherichia coli
NHRIV600030608-11	R*11	FRESH CREEK	Escherichia coli
			Escherichia coli
NHRIV600030608-14	R*14	UNNAMED TRIB. TO COCHECO RIVER, DOVER (FROM LANDFILL)	Escherichia coli
NHRIV600030608-16	R*16	JACKSON BROOK	Escherichia coli
NHRIV600030902-13	R*13	JOHNSON CREEK - GERRISH BROOK	Escherichia coli
NHRIV600030903-08	R*08	BELLAMY RIVER - KELLY BROOK - KNOX MARSH BROOK	Escherichia coli

NHRIV600030903-09		BELLAMY RIVER - UNNAMED BROOK	Escherichia coli
NHRIV600030903-11		VARNEY BROOK - CANNEY BROOK	Escherichia coli
			Escherichia coli
NHRIV600030903-13	R*13	GARRISON BROOK	Escherichia coli

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (see IDDE Plan for ranking)

Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate as outlined in this SWMP

Nitrogen Impairment

Applicable Receiving Waterbody(ies) as listed in applicable 303d list			Name
NHEST600030406-01	E*01	SALMON FALLS RIVER	Nitrogen
			Nitrogen (Total)
NHEST600030608-01	E*01	COCHECO RIVER	Nitrogen
			Nitrogen (Total)

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (See IDDE Plan for ranking).

Distribute an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers as outlined in this SWMP.

Distribute an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate as outlined in this SWMP.

Distribute an annual message encouraging the proper disposal of leaf litter as outlined in this SWMP.

Establish requirements for the use of slow release fertilizers on permittee owned property currently using fertilizer, in addition to reducing and managing fertilizer use as provided in part 2.3.7.1.

Establish procedures to properly manage grass cuttings and leaf litter on permittee property, including prohibiting blowing organic waste materials onto adjacent impervious surfaces.

Increase 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) as included in this SWMP.

Any structural BMPs listed in Table 3 of Attachment 1 to Appendix F already existing or installed in the regulated area by the permittee or its agents shall be tracked and the permittee shall estimate the nitrogen removal by the BMP consistent with Attachment 1 to Appendix F.

Requirements Due by Year 2

The requirement for adoption/amendment of the permittee's ordinance or other regulatory mechanism shall include a requirement that new development and redevelopment stormwater management BMPs be optimized for nitrogen removal.

Requirements Due by Year 4

Complete a Nitrogen Source Identification Report.

The document name (if attached) and/or web address is/are: TBD

Retrofit inventory and priority ranking under 2.3.6.1.b. shall include consideration of BMPs to reduce nitrogen discharges.

Requirements Due by Year 5

Evaluate all permittee-owned properties identified as presenting retrofit opportunities or areas for structural BMP installation under Permit part 2.3.6.d.ii or identified in the Nitrogen Source Identification Report that are within the drainage area of the impaired water or its tributaries.

Complete a listing of planned structural BMPs and a plan and schedule for implementation.

Solids, Oil and Grease (Hydrocarbons), or Metals Impairments

Applicabl	Name		
as listed in applicable 303d list			- \\\-
NHEST600030608-01	E*01	COCHECO RIVER	Benzo(a)pyrene (PAHs)
NHRIV600030608-14		UNNAMED TRIB. TO COCHECO RIVER, DOVER (FROM LANDFILL)	Iron

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (See IDDE Plan for ranking).

Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule to target areas with potential for high pollutant loads as prescribed by this SWMP.

Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings as prescribed by this SWMP.

Requirements Due by Year 2

Stormwater management systems designed on commercial and industrial land use area draining to the water quality limited water body shall incorporate designs that allow for shutdown and containment where appropriate to isolate the system in the event of an emergency spill or other unexpected event. Note that the impairments are for Benzo(a)pyrene (PAHs) which typically come from organic matter, and for Iron which is specifically linked to a nearby landfill. Shutdown requirements are not appropriate to address listed impairments.

Chloride Impairment

Applicable Receiving Waterbody(ies) as listed in applicable 303d list			Name
NHRIV600030608-06	R*06	INDIAN BROOK	Chloride
NHRIV600030608-15	R*15	BERRY BROOK	Chloride

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (See IDDE Plan for ranking).

Requirements Due by Year 3

Develop a Salt Reduction Plan.

Requirements Due by Year 4

Continue implementation of the Salt Reduction Plan.

Requirements Due by Year 5

Fully implement the Salt Reduction Plan.