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Municipality/Organization: Town of Seabrook

EPA NPDES Permit Number: NHR041033

Annual Report Number
& Reporting Period: April 1, 2009 – March 31, 2010

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2010)

Part I. General Information

Contact Person: Barry Brenner Title: Town Manager

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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, 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.

Signature: 

Printed Name: Barry M. Brenner

Title: Town Manager

Date: 4/26/2010

Part II. Self-Assessment

The Town of Seabrook filed a NPDES Phase II Stormwater Management Plan in March 2003. On August 13, 2003, the USEPA sent a letter to the town stating that the stormwater program was currently in compliance with the conditions of the General Permit. On May 1, 2004, May 1, 2005, May 1, 2006, May 1, 2007, May 1, 2008, and May 1, 2009, the Town submitted the Annual Reports for Years 1, 2, 3, 4, 5, and 6, respectively, to the USEPA and the NH DES. This Annual Report covers the second year beyond expiration of the 5-year MS4 Permit term, referred to hereafter as "Year 7".

The Town of Seabrook has completed the required self-assessment for the Year 7 Annual Report and has determined that the municipality continues to be in compliance with all the permit conditions. The Town continued improvements focused on the goals established for its 5-year Permit term, including: inspection of high-priority outfalls; investigation for new outfalls; outfall identification, sampling, and monitoring at the solid waste transfer station; inspections at the solid waste transfer station; and expanding the focus on stormwater pollution prevention at the Department of Public Works (Department) Highway Facility. The Department continued its catch basin cleaning program, cleaning more than 1,000 catch basins, and educating residents nearby those basins of the activity by the use of doorknob hangtags. The Department also continued activities that were initiated in previous years, such as beach cleanup, subdivision inspection, outfall inspection (15 high-priority outfalls) and sampling (2 of the high-priority outfalls), building inspections to test for illicit discharges, storm drain stenciling and marking, activity in the Seacoast Stormwater Coalition, and distribution of stormwater educational brochures and materials. The Department completed an illicit discharge inspection and sampling at Outfalls 60 and 61 and illicit connection investigations at two commercial buildings, WalMart and AllTech Resources/CR Electronics. Mechanical street sweeping by F.W. Hale in Year 7 included Railroad Avenue, Centennial Street, Washington Street, portions of Walton Road, and South Main Street and was complemented by hand-sweeping of other curbed roadways by Department of Public Works staff.

A significant objective accomplished in Year 6 was securing coverage for the Town's solid waste transfer station under the USEPA's 2008 NPDES Multi-Sector General Permit (MSGP). The facility's coverage (under Sector N: Scrap Recycling Facilities) was effective as of March 2009. Requirements under the 2008 MSGP are more expansive than the previous permit, so much focus in 2009 included training staff in the additional analytical sampling and inspection requirements and implementing these items. In Year 7, the Town also implemented its quarterly outfall sampling and bench mark monitoring at the Transfer Station. The Town actively participated in the public comment period for the USEPA's Draft NPDES Small Municipal Separate Storm System (MS4) Permit, which was issued in December 2008, both on its own and in conjunction with the Seacoast Stormwater Coalition (the

Coalition).

Work in Year 7 included some maintenance and improvement of stormwater infrastructure. As part of the Cains Pond Restoration project, the Seabrook Conservation Commission designed and installed new stormwater infrastructure on Lakeshore Drive, specifically a 3-unit catch basin structure to alleviate the flooding issues in that area. This design consists of drainage corrections at Groveland Street; the area of Atlantic Avenue at Lawrence Street; Worthley Avenue; and Phoenix Avenue. The Town also performed pipe cleaning (i.e., jetting) of storm drain infrastructure on Portsmouth Avenue (during which significant quantities of floatables and debris were removed from the system), Forest Court, and Route 1A near a stormwater pump station. Stormwater drainage infrastructure at the solid waste transfer station (including catch basins) was cleaned and flushed. Significant improvements were made to roadway and piping near Outfalls 22 and 78 on Old New Boston Road and on New Zealand Road- including curbing repair and replacement- in order to improve drainage. Finally, the town invested over \$15,000 in maintenance and reconditioning of pumps at two stormwater pump stations (located on Route 1A [Ocean Boulevard] near the welcome center and at River Street). This maintenance was required to maintain the functionality of these important stormwater management components.

SCC completed the Seabrook Pet Waste Control Project on June 26, 2009. SCC created fliers and posters addressing the importance of properly disposing of pet waste. Seabrook DPW installed the new catch basin markers at all the catch basins in the Cains Brook Watershed. The fliers were inserted to the dog license renewal notices sent out by the Town Clerk's office. The posters were put up in all town buildings.

Identification and mapping of stormwater outfalls, catch basins, pipes and other BMP structures was completed in Town in previous years of this Permit. However, the Town expanded on these efforts by completing inspections of 15 high-priority stormwater outfalls (defined as those discharging to impaired waters [such as Cain's Brook]) in the area of Cain's Brook near Route 1. Two of these outfalls were sampled to ensure there were no illicit discharges. The Cain's Brook and Mill Creek Management Plan was updated by the SCC in Year 6 to comply with new impaired waters documentation requirements. The updated Plan is available on the Town's website. The SCC was also involved in the New Hampshire Volunteer River Assessment Program which monitors and reports at 8 locations around the Cains Brook Watershed. The 2009 Water Quality Report was released in January 2010. SCC was also involved in the Piscataqua Region Environmental Planning Assessment which was released in March 2010 providing an evaluation of environmental planning efforts and land use regulations for the 52 communities in the Piscataqua Region, including the Town of Seabrook.

Litter cleanup was completed by Winnacunnet High School Marine Biology Class in Year 3, as well as the Spring and Fall of Year 7. The Seabrook Civic Association conducted monthly clean-ups in the beach and dunes areas.

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|---|--|---|
| 1.1 Revised | Distribute Information – Information on the benefits of back-yard stream clean-up. | DPW | Send out stream clean-up information. | The benefits of backyard clean up are outlined in the Seabrook Stormwater Fact sheet, which was distributed in Years 3 and 4 and continues to be made available to residents via the website. | Continue to expand the number of locations and events at which the Fact Sheet is available. |
| 1.1 Revised | Distribute Information – Develop pamphlets for distribution at Town Hall, DHS, schools, community events/fairs, as well as mailing lists. | DPW Consultant | Distribute to 75% of residents. | Brochures continue to be available at Town Hall, the Community Building, and the Library. These brochures are all available via the website which can be accessed by all Seabrook residents. | Continue to expand the number of locations at which the brochures are available, including direct mailings to local businesses that have stormwater infrastructure. |
| 1.2 Revised | Public Service- Town Hall Public Access TV | DPW | Run video on Town Hall TV. | The Town completed this goal in Year 1. | Continue to use video as a training and education tool. |
| 1.3 Revised | Community Outreach- Develop Stormwater Informational Poster Board | DPW Consultant | Develop Poster Board | This goal was accomplished in Year 4. | Continue to display stormwater poster at as many locations and events as possible. |
| 1.3 Revised | Community Outreach - Display Poster Board at various local community events | DPW | Show Poster Board at Town Hall, DPW, and community events | The Stormwater poster, brochure, and fact sheets continue to be maintained at Town Hall, the Community Building, and the Library and continue to be posted on the Town's website. The Poster Board has also been displayed by members of the SCC at various public events. | Continue to display stormwater poster at as many locations and events as possible. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|---------------------|--|---|
| 1.4 Revised | Classroom Participation - Volunteer Work: Catch Basin Stenciling and litter clean up | DPW | Conduct one session | The classroom participation BMP was changed to incorporate classroom participation in the catch basin stenciling and litter clean up. The DPW and SCC installed approximately 400 permanent stainless steel catch basin markers (to replace previous paint-based identification) in Year 6. Litter cleanup was completed by Winnacunnet High School Marine Biology Class in Year 3, as well as the Spring and Fall of Year 7. The Seabrook Civic Association conducted monthly clean-ups in the beach and dunes areas. | Continue to request volunteers at community meetings and local schools and provide training to volunteers. Consider expanding this program to the Department of Corrections facility located in Concord. Continue to work as a partner with members of the SCC in the identification of catch basins. |
| 1.5 Revised | Public Educational Courses - Provide Educational Materials to all stakeholders in Stormwater Management | DPW | Provide Materials | In Year 4, the Town educated businesses (stakeholders) by leaving educational materials during catch basin inspection and cleanup activities. Catch basin cleaning doorknob hanger distribution continued in Year 6 and again in Year 7 as more than 1,000 catch basins were cleaned. | Continue to expand the methods by which educational materials are distributed to the community and businesses. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------|--|-------------------------------|---|--|--|
| 1.6 | Other - Develop a program to promote, publicize and facilitate public reporting of illicit connections or discharges | DPW Consultant | Information materials distributed. Implementation of a public hotline. | In Year 4, the Town expanded its involvement with the Seacoast Stormwater Coalition (the Coalition) and began work to develop a public education plan to enable public reporting of illicit connections or discharges. Involvement with the Coalition continued in Year 5, with members of the DPW attending several training sessions and planning meetings. In Year 6, the Town participated in four Coalition meetings, with topics ranging from the Draft MS4 permit, Household Hazardous Waste, impaired waters, and sampling methods. Due to staffing availability, no meetings were attended in Year 7. | Continue to utilize the resources of the Coalition to improve opportunities for the public to report discharges. |
| | Revised | | | | |

1a. Additions

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|-----|---|-----|--|---|--|
| 1.1 | Distribute Information – Place poster in Town Hall, Community Building, and Library. | DPW | Show poster at Town Hall and other public places. | In addition to maintaining brochures at Town Hall, the DPW continues to maintain a stormwater education poster at that location and on the website. | Continue to monitor the stormwater education materials posted and available at locations around the Town, as well as electronically on the website |
| 1.1 | Distribute Information – Place door hangers at residential locations during catch basin cleaning. | DPW | Distribute to each residence when catch basins near that location are cleaned. | In Year 7, the DPW continued this method for educating residents about the importance of being diligent about materials entering the stormwater system. | Continue to leave door hangers during catch basin cleaning. |

2. Public Involvement and Participation

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--|-------------------------------|---|--|---|
| 1.6 | Community Outreach- Finalize Plan for public reporting of illicit connections. | DPW Consultant | Develop Plan and distribute to residents. | The Town has been developing a Plan to locate illicit discharges and remove them from the system. The next step will be developing a method by which the public can report illicit discharges. | Educate the public about the importance of removing illicit connections from the system, and the procedure to accomplish this. |
| 2.1 Revised | Public Volunteers - Solicit Volunteers from Town Committees, Groups, and the High School | SCC | Secure volunteers for public participation events | Utilized the Winnacunnet High School Marine Biology Class and Seabrook Civic Associations as sources for recruiting volunteers. | Continue to secure additional volunteer groups. Continue to solicit additional volunteers through the Town's website, the local cable access channel, and other associations/classes. |
| 2.2 Revised | Volunteer Monitoring - Involve schools and neighborhood associations in future monitoring projects by SCC | SCC | Acquire volunteers from schools / neighborhood associations for next SCC monitoring project | Utilized the Winnacunnet High School Marine Biology Class and Seabrook Civic Associations as sources for recruiting volunteers. | Continue to secure additional volunteer groups. Continue to solicit additional volunteers through the Town's website, the local cable access channel, and other associations/classes. |
| 2.2 Revised | Volunteer Monitoring - Show video on monitoring, produced by SCC during WS | SCC | Show video to volunteers | The SCC trains volunteers when necessary, including showing the stormwater video to volunteer groups. | Continue to show stormwater video to volunteer groups. |
| 2.2 Revised | Volunteer Monitoring - Promotional Items and educational materials | SCC | Distribute to volunteers on monitoring projects | The SCC provides materials to volunteer groups when necessary | Continue to distribute materials to volunteer groups. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--------------------------------------|-------------------------------|-------------------------------|--|--|
| 2.4 Revised | Community Events - Wetland Plantings | SCC | Organize and conduct planting | No wetland planting events were conducted in Year 7, although SCC efforts associated with the Cain's Brook Watershed Management Plan are focused on maintaining appropriate wetland species. The Cain's Brook Watershed Management Plan was updated in Year 6 to comply with EPA requirements. SCC was also involved in the New Hampshire Volunteer River Assessment Program which monitors and reports at 8 locations around the Cains Brook Watershed. The 2009 Water Quality Report was released in January 2010. SCC was also involved in the Piscataqua Region Environmental Planning Assessment. | Continue to request volunteers at community meetings and local schools and provide training to volunteers. |
| 2.5 Revised | Other – Post Outfalls | DPW | Mark outfall locations. | All known outfalls were posted prior to Year 7. | Continue to inspect for new outfalls and post these locations. |

2a. Additions

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|-----------------|--|--------------------------------------|---|---|--|
| 2.1 | Public Volunteers - Solicit Volunteers | DPW | Secure volunteers for public participation efforts. | The Town has experienced some difficulty in attracting and retaining groups and persons interested in perform cleanup activities. However, the Town utilized the Winnacunnet High School Marine Biology Class and Seabrook Civic Associations as sources for recruiting volunteers. | Continue to request volunteers at community meetings and local schools and provide training to volunteers. Continue to work with the SCC and local neighborhood civic associations as a partner in cleanup efforts |
| 2.5 | Other – Encourage public to participate in stormwater pollution prevention at the residential level. | DPW | Educate public about stormwater pollution prevention. | Maintaining brochures at Town Hall and other community locations is the first step in getting residents to participate in stormwater pollution prevention. | Continue to expand the number of locations at which the brochures are available, including direct mailings to local businesses, and continue the distribution of door hangers when catch basins are cleaned. |
| 2.5 | Other – Involve residents in maintaining quality of stormwater. | DPW | Inform residents when catch basins are cleaned. | Educating residents that storm drains are for rainwater only will increase a homeowner's involvement in maintaining catch basins. This continued in Year 7. | Continue to leave door hangers during catch basin cleaning. |

3. Illicit Discharge Detection and Elimination

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--|-------------------------------|-----------------------------------|--|--|
| 3.1 Revised | Stormwater System Mapping – Map Outfalls | DPW Consultant | Percentage of all known outfalls. | All known outfalls were inspected and mapped in prior years. Many of these known outfalls were re-inspected in Year 7, but these had already been mapped. Inspection for new outfalls will be an ongoing activity in the SWMP. | Continue to inspect all known outfalls, and map additional outfalls as they are located. |
| 3.1 Revised | Stormwater System Mapping – Map pipes, manholes and catch basins | DPW Consultant | Percentage of total system | In Year 5, with the expansion of the detention/retention basin mapping program, it is estimated that 98% of the existing system has been mapped. New structures will continue to be added, so mapping is an ongoing effort. | Continue to update the existing maps with new detention/retention basins, pipes, and structures as they are added. |
| 3.1 Revised | Stormwater System Mapping – Map structural BMPs | DPW Consultant | Percentage of total system | Phase II of the detention/retention basin survey was completed in Year 5. A total of 98 detention/retention basins have been located, mapped, and included in a hard copy survey that the DPW can use for inspections. | Continue to update the survey as more detention/retention basins are added to the system. |
| 3.2 Revised | Rules and Regulations- Strengthen Ordinance | Planning Board | Development of Ordinance. | This was completed prior to Year 7. | Monitor and enforce implementation of the Rules and Regulations. Assess Ordinance goals and revise, if necessary. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--------------------|--|---|
| 3.3 Revised | Illicit Discharge Detection/ Elimination – Develop a plan to detect non-stormwater discharges | DPW Consultant | Plan Completion | Conducted illicit connection investigations at two commercial properties: 1) Walmart and 2) AllTech Resources/CR Electronics for potential illicit connections. It was discovered that there is an illicit discharge connection at the Walmart location during this investigation. | Corrective actions at Walmart and any other locations with illicit connections will include violation letter, follow up inspection and documentation requirements to ensure the illicit connection has been removed. Continue to educate and inspect other local businesses that have stormwater infrastructure. Developed a list of 8 commercial properties that will be inspected for illicit discharges in 2010. |
| 3.3 Revised | Illicit Discharge Detection/ Elimination Prioritization Plan – Implement a plan to detect non-stormwater discharges | DPW Consultant | Annual Inspection | Conducted illicit connection investigations at two commercial properties: 1) Walmart and 2) AllTech Resources/CR Electronics for potential illicit connections. It was discovered that there is an illicit discharge connection at the Walmart location during this investigation. | Corrective actions at Walmart and any other locations with illicit connections will include violation letter, follow up inspection and documentation requirements to ensure the illicit connection has been removed. Continue to educate and inspect other local businesses that have stormwater infrastructure. Developed a list of 8 commercial properties that will be inspected for illicit discharges in 2010. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--|-------------------------------|--------------------|---|---|
| 3.4 Revised | Post Removal Evaluation and Assessment - Program to inspect and report on conditions after illicit connections have been removed | DPW/ Code Enforcement Officer | Annual Inspection | Subsequent to all commercial facility inspection that find illicit discharges and improper management of stormwater infrastructure, corrective actions will define follow up inspection and documentation requirements. | Corrective actions at Walmart and any other locations with illicit connections will include violation letter, follow up inspection and documentation requirements to ensure the illicit connection has been removed. Continue to educate and inspect other local businesses that have stormwater infrastructure. Developed a list of 8 commercial properties that will be inspected for illicit discharges in 2010. |

3a. Additions

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4. Construction Site Stormwater Runoff Control

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--|-------------------------------|---|---|--|
| 4.1 Revised | Regulatory Mechanism – Develop and Implement ordinances regulating erosion and sediment control. | Planning Board | Finalize ordinance; quarterly/annual review of program. | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|----------------------------|--|--|
| 4.1 Revised | Regulatory Mechanism – Impose Sediment and Erosion Control BMP Requirements | Planning Board | Implement for each project | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. In Year 5, based on results in the University of New Hampshire Stormwater Center Annual Report, the DPW began to seriously consider innovative BMPs such as porous pavement and subsurface gravel wetlands for future projects. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. Continue to evaluate innovative BMPs and consider these for Town projects and encourage them for use in private projects, as well. |
| 4.1 Revised | Regulatory Mechanism – Implement MP rules for vegetative buffers, drainage ways, site coverage, run-off control and erosion sedimentation. | Planning Board | Implement for each project | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. |
| 4.1 Revised | Regulatory Mechanism – Evaluate sanctions for enforcement of erosion and sediment controls | Planning Board | Implement for each project | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. |
| 4.1 Revised | Regulatory Mechanism – Develop ordinance requiring a spill control plan | Planning Board | Implement for each project | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|-----------------------------|---|--|
| 4.1 Revised | Regulatory Mechanism – Develop rules for disposal of waste, construction site debris, unwanted soil, fill, and water. | Planning Board | Implement for each project | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included this mechanism. | Continue to review the effectiveness of existing Rules and Regulations and revise if needed. |
| 4.2 Revised | Site Plan Review Procedures – Stormwater Pollution Prevention Plans | DPW and Planning Board | Implement for each project. | Prior to Year 5, the DPW worked with Planning Board to develop mechanism for review of Stormwater Pollution Prevention Plans submitted by contractors. In Year 5, the DPW confirmed its commitment to assisting the Planning Board with review of SWPPPs verbally and in a letter. In Year 6, the Planning Board expanded stormwater management requirements to include the development and approval of a Stormwater Operations and Maintenance Manual for all sites. | Continue to take a larger role in review of Stormwater Pollution Prevention Plans and Stormwater Operations and Maintenance Manuals. |
| 4.3 Revised | Site Inspection/ Enforcement – Pre-Construction Meetings | DPW and Planning Board | Implement program. | In Year 6, the DPW Manager attended pre-construction meetings for several construction projects, including the Kohl's department store and the Northern Utilities gas main extension on Farm Road and Railroad Avenue. In Year 7, the DPW Manager attended Beckman Woods. | Continue to attend pre-construction meetings, with a goal of being involved in each development project active in the Town. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------|---|-------------------------------|---------------------|--|---|
| 4.3 | Site Inspection/ Enforcement – Conduct construction site inspections | DPW and Planning Board | Train staff. | In Year 7, the Town contracted a consultant to provide full-time inspection of the storm drain construction at the Beckman Woods Development (59 inspections) and site inspections in the Seabrook Beach area. (6 inspections) | Continue to expand the number of inspections completed, and the number of projects inspected. Continue to petition for a new Town position to fill this role. |
| 4.3 | Site Inspection/ Enforcement – Procedure for handling reports of non-compliance | DPW and Planning Board | Finalize procedure. | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included enforcement mechanisms. | Continue to review the effectiveness of penalties in the existing Rules and Regulations and revise if needed. |
| Revised | | | | | |

4a. Additions

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

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--|--|---|
| 5.1 Revised | Regulatory Mechanism – Develop and Implement Ordinance for controls | Planning Board | Implement Ordinance; quarterly/annual review of program. | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included controls for protection of open spaces and natural vegetation. | Continue to implement the Rules and Regulations, track the effectiveness of the BMPs, and revise as needed. Update the Rules and Regulations in partnership with the Seacoast Stormwater Coalition. |
| 5.1 Revised | Regulatory Mechanism – Open Spaces and Natural Vegetation | Planning Board | Implement Ordinance; quarterly/annual review of program. | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included controls for protection of open spaces and natural vegetation, a mandatory greenbelt along Lafayette Road. The Rules and Regulations also included a zoning change to allow cluster housing. | Continue to implement the Rules and Regulations, track the effectiveness of the controls, and revise as needed. Update the Rules and Regulations in partnership with the Seacoast Stormwater Coalition. |
| 5.1 Revised | Regulatory Mechanism – Mandatory Greenbelt along Lafayette Road | Planning Board | Implement Ordinance; quarterly/annual review of program. | Prior to Year 5, Stormwater Rules and Regulations were approved and implemented by the Town that included controls for protection of open spaces and natural vegetation, including a mandatory greenbelt along Lafayette Road. | Continue to implement the Rules and Regulations, track the effectiveness of the controls, and revise as needed. Update the Rules and Regulations in partnership with the Seacoast Stormwater Coalition. |
| 5.1 Revised | Regulatory Mechanism – Shoreland Protection | Planning Board | Implement Ordinance; quarterly/annual review of program. | The Town decided not to include shoreland protection in the Stormwater Rules and Regulations; this is already covered in NHRSA 483-B. | This BMP is no longer considered appropriate for the Town of Seabrook. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--|---|--|
| 5.1 Revised | Regulatory Mechanism – Zoning Ordinance | Planning Board | Implement Ordinance; quarterly/annual review of program. | In Year 5, the Town reconsidered developing a Cluster Housing zoning ordinance change to allow cluster housing. | Continue the planning process, have planning workshops, and discuss/debate at Board meetings. |
| 5.2 Revised | Review BMP Designs - Pre-construction Review for conformance with standards/regulations | DPW/ Planning Board | Implement for each project. | Re-confirmed commitment to share this role with the Planning Board. | Continue to review and comment on contractor BMPs as necessary. |
| 5.3 Revised | Site Inspection / Enforcement Procedures - During construction, inspect for assurance that BMPs are compliant | Planning Board | Implement for each project. | In Year 7, the Town contracted a consultant to provide full-time inspection of the storm drain construction at the Beckman Woods Development (59 inspections) and site inspections in the Seabrook Beach area. (6 inspections) | Continue to expand the number of inspections completed, and the number of projects inspected. |
| 5.4 Revised | O & M Procedures - Develop Procedure for Operation and Maintenance of Structural BMPs | Planning Board | Implement for each project. | Seabrook adopted Municipal Stormwater Drainage System Rules and Regulations in Year 3. The Rules and Regulations include O&M procedures. In Year 6, the Planning Board expanded stormwater management requirements to include the development and approval of a Stormwater Operations and Maintenance Manual for all sites. | Continue to implement the Rules and Regulations, track the effectiveness of the controls, and revise as needed. Continue to monitor and inspect existing BMPs. |

5a. Additions

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6. Pollution Prevention and Good Housekeeping in Municipal Operations

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|--|-------------------------------|--|--|---|
| 6.1 Revised | Employee Training | DPW | Annually conduct training. | In Year 7, several employees of the DPW participated in classes at the Public Works Academy, an educational venue coordinated by the Technology Transfer Center at the University of New Hampshire. Many of these courses address materials management and spill prevention at DPW facilities. Training included Stormwater Permit Compliance, Construction Inspection for Local Agency Employees, Geotextiles on Local Roads, and Culvert Installation and Maintenance. | Continue to implement and expand facility-specific training received by DPW staff. |
| 6.1 Revised | Employee Training | DPW/DPW Consultant | Annually conduct training. | The DPW are active with the Seacoast Stormwater Coalition; however, due to staffing availability, no meetings were attended in Year 7. | Continue to attend workshops sponsored by the Coalition and implement these programs and approaches. |
| 6.2 Revised | Storm Water System Operation and Maintenance – System Inspection Program | DPW | Develop inspection plan for entire storm water system. | The Town had a program in place for inspection of catch basins and outfalls prior to Year 5, thereby completing this goal. | Use completed detention/retention basin survey to complete inspections of these structures. Determine need for cleaning and repairs where necessary. Continue inspecting catch basins and outfalls according to existing program. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--|---|--|
| 6.2 Revised | Storm Water System Operation and Maintenance – Maintenance and Cleaning | DPW | Develop inspection and cleaning plan for the storm sewer system, including outfalls. | The Town is effective at cleaning catch basins regularly, cleaning over 1,000 basins in Year 7 alone. | Continue to assess and replace substandard structures as needed. Continue to pursue grants from the New Hampshire Department of Environmental Services and other sources to fund future replacements. |
| 6.2 Revised | Storm Water System Operation and Maintenance – Structural BMP Maintenance and Cleaning | DPW | Fix or replace substandard infrastructure. | No retention basins or other structural BMPs inspected in Year 6 required cleaning or maintenance. | Continue inspection activities of infrastructure, retention basins or other structural BMPs. Determine need for cleaning and repair when necessary. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--------------------|---|---|
| 6.3 Revised | Municipal Industrial Operations – Maintenance and Repair for Municipal Vehicles | DPW Consultant | Implement Program | In Year 5, the DPW developed a SWPPP for the Highway Facility, which included an inventory of materials and defined good housekeeping and BMPs for that facility, including those related to vehicle maintenance. The SWPPP previously developed for the Transfer Station was updated and continues to be enforced. | Continue to refine and develop programs to minimize the risk of spills- and subsequent stormwater pollution- from the Highway Facility and Transfer Station. The DPW will also consider evaluating Town Hall operations with respect to the potential for stormwater pollution. |
| 6.3 Revised | Municipal Industrial Operations – Road Salt Storage | DPW Consultant | Implement Program | In Year 5, the DPW developed a SWPPP for the Highway Facility, which included an inventory of materials and defined good housekeeping and BMPs for that facility, including those related to salt storage. | Continue to implement the SWPPP developed for the Highway Facility. |
| 6.3 Revised | Municipal Industrial Operations – Vehicle washing controls | DPW | Implement Program | Prior to Year 5, the DPW completed an evaluation of vehicle washing operations and has already implemented a program to take Town vehicles to a local commercial establishment for washing. | DPW will continue to wash DPW vehicles at commercial car wash. |
| 6.3 Revised | Municipal Industrial Operations – Fueling Operations | DPW Consultant | Implement Program | Prior to Year 5, fueling facilities were assessed for stormwater pollution potential. | Continue to implement the SWPPP developed for the Highway Facility. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|--|--------------------|--|--|
| 6.3 Revised | Municipal Industrial Operations – Wastewater Treatment Facility | Wastewater Treatment Facility Operator | Develop Plan. | In Year 4, the WWTF began developing an SPCC Plan. | Continue to assist the WWTF as they continue to develop and implement a SPCC Plan. Enforce the terms and conditions included in the SPCC Plan. |
| 6.3 Revised | Municipal Industrial Operations – Transfer Station Permitting | DPW Consultant | Implement Program | In Year 5, the Transfer Station SWPPP was updated to reflect current site activities and add corrective action follow-up documentation notes to the Monthly Inspection Form. Regular revision of the SWPPP- including updating the Monthly Inspection form- is required to ensure that all activities are evaluated. | Continue to monitor Good Housekeeping and pollution prevention practices and BMPs at the Transfer Station and update them, as needed. |
| 6.4 Revised | Municipal Roads – Street Sweeping | DPW | Implement Program | In Year 7, all curbed areas with sidewalks continued to be hand-swept. Also in Year 6, a contractor was hired to perform mechanical street-sweeping on Railroad Avenue, Centennial Street, portion of Walton St, Washington Street, and Main Street) | Continue to evaluate the effectiveness of this activity and revise program as appropriate. |
| 6.5 Revised | Parks and Open Space- Fertilizer and Pesticide | DPW | Implement Program | In Year 7, the DPW continued to evaluate the effectiveness of fertilizer and pesticide application and management goals in conjunction with the SCC. | Continue to evaluate the effectiveness of fertilizer and pesticide application and management goals. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------------|---|-------------------------------|--------------------|--|---|
| 6.5 Revised | Parks and Open Space- Pet Waste Management | DPW /SCC | Implement Program | SCC completed the Seabrook Pet Waste Control Project on June 26, 2009. SCC created fliers and posters addressing the importance of properly disposing of pet waste. Seabrook DPW installed the new catch basin markers at all the catch basins in the Cains Brook Watershed. The fliers were inserted to the dog license renewal notices sent out by the Town Clerk's office. The posters were put up in all town buildings. | Continue to evaluate the effectiveness of Pet Waste Management goals. |

6a. Additions

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------|--|-------------------------------|--------------------|--|---|
| 6.3 | Municipal Industrial Operations – Housekeeping and Pollution Prevention at the DPW Building | DPW | Implement Program | Good housekeeping measures and pollution prevention inspections are already completed at the Town's Transfer Station. This BMP expanded these inspections to the DPW's Highway Facility, which was accomplished in Year 5. | Continue to implement the SWPPP developed for the Highway Facility. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------|---|-------------------------------|--|---|--|
| 6.3 | Municipal Industrial Operations – Transfer Station Permitting | DPW / DPW Consultant | Design and construct leachate storage tank. | In Year 6, the Town constructed and commissioned a subsurface tank to capture leachate (significantly diluted by rainwater) at the solid waste transfer station. This tank is fully in operation. | Continue to evaluate the effectiveness of the leachate holding tank. |
| 6.3 | Municipal Industrial Operations – Transfer Station Permitting | DPW | Complete required analytical sampling at solid waste transfer station. | Visual monitoring sampling procedures are included in the SWPPPs for both the Transfer Station and Highway Facility properties. The transfer station's coverage under the 2008 MSGP expands sampling requirements at the facility. The Town identified the GPS location of all outfalls at the Transfer Station, marked these locations with signs, and has conducted quarterly outfall sampling and benchmark monitoring at these locations. | Continue to complete visual monitoring of stormwater from both the Transfer Station and Highway Facility sites, and continue to conduct quarterly sampling and benchmark monitoring at the Transfer Station as required by the MSGP. |
| 6.3 | Municipal Industrial Operations – Transfer Station Permitting | DPW | Satisfy conditions of the MSGP. | Also in Year 6, the Town secured coverage under a NPDES MSGP for its solid waste transfer station, covered under Sector N (Scrap Recycling Facilities) | Continue training for staff to ensure that MSGP conditions are satisfied. |

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) << if applicable >>

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Continued Permit Compliance Activities |
|----------|-----------------|-------------------------------|--------------------|--|---|
| | N/A | N/A | N/A | N/A | N/A |
| Revised | | | | | |

7a. Additions

| | | | | | |
|--|-----|-----|-----|-----|-----|
| | N/A | N/A | N/A | N/A | N/A |
| | | | | | |

7b. WLA Assessment