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Municipality/Organization: Wrentham Developmental Center

EPA NPDES Permit Number: MAR042030

MassDEP Transmittal Number: W035610

Annual Report Number 6
& 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: Stephen Legendre

Title: Director of Operations

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Mailing Address: Wrentham Developmental Center, P.O. Box 144, Wrentham, MA 02093

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: Stephen Legendre

Title: Director of Operations

Date: April 16, 2010

Wrentham Developmental Center: Permit # MAR042030, DEP Transmittal # W035610, Permit Year 7, 2009-2010

Part II. Self-Assessment: The Wrentham Developmental Center has completed the required self-assessment and has determined that our municipality is in compliance with all general permit conditions, effective May 1, 2003, extended May 1, 2008 to present.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

| 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 – Next Permit Year |
|-----------------|---|--|--|--|---|
| 1-01 Revised | Fact Sheet in newsletter | Steve Legendre/ Director of Operations | Awareness / feedback | Fact Sheet in newsletter distributed to all buildings and employees of facility | Maintain annual distribution of Storm Water Fact Sheet in newsletter, <u>CROSSROADS</u> Supplemental educational materials in newsletter – distributed 2xs/yr |
| 1-02 Revised | Notice posted in food and cleaning services buildings | Steve Legendre/ Director of Operations | Awareness of proper disposal practices | Posters remain in visually conspicuous area for the employees of these subcontracted service providers | Maintain storm water posters in designated areas |
| 1-03 Revised | Present a storm water fact sheet at each new employee orientation | Steve Legendre/ Director of Operations | Awareness / improved work habits | Fact sheet distributed during each employee orientation | Continue to distribute fact sheet at each orientation to promote basic awareness among all new employees of SWMP, applicable BMPs, and participation opportunities |
| 1-04 Revised | Establish storm water education center in Operations Dept. Office | Steve Legendre/ Director of Operations | Availability of educational materials and SWMP reference materials | Storm Water education center established in Operations Dept. Office | Maintain storm water educational materials center. To include comprehensive SWMP documentation (work in progress) |

Wrentham Developmental Center: Permit # MAR042030, DEP Transmittal # W035610, Permit Year 7, 2009-2010

1a. Additions

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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 – Next Permit Year |
|-----------------|--|---|------------------------------------|--|--|
| 2-01 Revised | Recruit designated person per shift; food and cleaning services | Steve Legendre/ Director of Operations | Oversight with increased awareness | Annual Stormwater and Spill Prevention Meeting of all department heads, supervisory administrative personnel, food services manager, and cleaning services manager. (sign-in required) | Continue to administer Annual Storm Water and Spill Prevention Meeting. - maintain documentation of materials, topics, and attendees - |
| 2-02 Revised | Request volunteers per Unit per shift by supervisory personnel | Steve Legendre/ Director of Operations | Oversight with increased awareness | Requests made by supervisory personnel attending Annual Storm Water Meeting | Continue to request volunteers per Unit/Dept. per shift be watchful for proper disposal practices |
| 2-03 Revised | Security Training/Awareness | Steve Legendre/ Director of Operations | Reporting of incidents | Security supervisor attendance at Annual Storm Water / Spill Prevention Meeting. Establish procedure for the reporting and response to incidents | Security supervisor to attend Annual Storm Water Meeting and maintain documentation of incidents as needed - maintain documentation of materials, topics, and attendees - |
| 2-04 Revised | Training for Transport, Grounds, Paint, and all Maintenance Depts. | Steve Legendre/ Director of Operations | Awareness/improved work habits | Tailgate meetings to promote proper work habits as related to SWMP | Tailgate meetings to promote proper work habits as related to SWMP - maintain documentation of materials, topics, and attendees - |

2a. Additions

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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 – Next Permit Year |
|-----------------|--|---|---|---|--|
| 3-01 Revised | Regularly inspect outfalls for dry weather discharges | Steve Legendre/ Director of Operations | Early detection and correction | Continued monitoring of outfalls No dry weather discharges detected | Continued monitoring of outfalls. Improve mapping and establish tracking and analysis methods for discovered flows. (Kept in SWMP) |
| 3-02 Revised | Use test kits for pH, nitrate, phosphorus, during severe wet weather | Steve Legendre/ Director of Operations | Early detection and correction | Annual testing conducted during heavy rainfall event on 6-19-09 and 3-31-10. Tests seem to indicate normal outfall conditions with the exception of a slightly elevated phosphorus discharge from the Ewalt outfall. | Continue sampling during severe wet weather event each year Possible inclusion of fecal coliform sampling to outfalls sampled. Public information to be further emphasized to housekeeping staff and management in Annual Storm Water meeting. (copies in SWMP) |
| 3-03 Revised | Spill Response Plan | Steve Legendre/ Director of Operations | Spill Control Kit(s) on site; E.Q Northeast for clean-up and Emergency Response | Annual Storm Water / Spill Prevention Meeting did address Spill Response Plan. Additional spill control kits in each maintenance shop maintained. Also, WDC Security carrying spill-response kits in trunk of patrol vehicles. | Continue to administer Annual Storm Water/ Spill Prevention (and response) Meeting with required attendance by designated supervisory personnel. Maintain spill control kits at appropriate locations. Hold OSHA First Responder Awareness-Level Training for 15+ staff who may be involved with spill response. |

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 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Next Permit Year |
|-----------------|---|---|--------------------------------------|--|--|
| 4-01 Revised | Insert standard construction controls and penalties into contract documentation | Steve Legendre/ Director of Operations | Erosion, sediment, and waste control | Standard construction controls maintained in contract documentation | Standard construction controls to be maintained in contract documentation Construction-site specific educational materials development initiated (copies in SWMP) |
| 4-02 Revised | Perform site inspections and impose penalties as required | Steve Legendre/ Director of Operations | Erosion, sediment, and waste control | Site inspections performed as required | Site inspections performed as required |

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 - Next Permit Year |
|----------|---|---|--|--|--|
| 5-01 | Standard post-construction controls and penalties into contract documentation | Steve Legendre/ Director of Operations | Erosion, sediment, and waste control. Soil depth restored. | Standard post-construction controls maintained in contract documentation | Standard post-construction controls to be maintained in contract documentation |
| Revised | | | | | |

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 – Next Permit Year |
|-----------------|--|---|---|--|--|
| 6-01 Revised | Contract for catch basin cleaning, inspection and repair | Steve Legendre/ Director of Operations | Proper operation of storm water collection system | Contract activities satisfied | Contract activities to be satisfied |
| 6-02 Revised | Town of Wrentham to clean public roads and some parking areas | Steve Legendre/ Director of Operations | Proper operation of system with reduction of sand in catch basins | Town of Wrentham cleaning/sweeping of public roadways and certain parking areas completed | Town of Wrentham to cleaning/sweep public roadways and certain parking areas |
| 6-03 Revised | Contract for remaining parking areas to be cleaned | Steve Legendre/ Director of Operations | Proper operation of system with reduction of sand in catch basins | Contract for cleaning/sweeping of remaining parking areas completed | Contract to continue for cleaning/sweeping of remaining parking areas |
| 6-04 Revised | Limit salt use; store salt/sand mixtures under roofed area | Steve Legendre/ Director of Operations | Limit salt to water table | Salt use controlled. Salt/sand mixture stored under roofed area. | 2x/yr cleaning contract Salt use controlled. Salt/sand mixture to be stored under roofed area |
| 6-05 Revised | Inspect and clean trash and debris from roadsides and culverts | Steve Legendre/ Director of Operations | Proper operation of storm-drain system | Regular inspection and cleaning of debris from roadside and culverts completed. | Regular inspection and cleaning of debris from roadside and culverts completed. |

Wrentham Developmental Center: Permit # MAR042030, DEP Transmittal # W035610, Permit Year 7, 2009-2010

6a. Additions

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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 7 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Next Permit Year |
|-----------------|--|---|---|--|--|
| 7-01 Revised | Maintain status of all discharges being “Allowable” | Steve Legendre/ Director of Operations | No significant nutrient or sediment loading | All discharges remain “Allowable” No illicit discharges detected | All discharges maintained as “Allowable.” Continue to monitor for illicit discharges |
| 7-02 Revised | Non-Storm Water Discharges not a significant contributor of pollutants | Steve Legendre/ Director of Operations | | Non-Storm Water Discharges not a significant contributor of pollutants | No direct receiving waters where TMDL is applicable Begin to document assessment and documentation procedures for non-storm water discharges when encountered. Keep in SWMP. |

7a. Additions

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7b. WLA Assessment: Not Applicable

Part IV. Summary of Information Collected and Analyzed

Water quality testing was conducted on 6-19-09 and 3-31-10 during heavy rainfall events. Testing results for pH, Phosphorus, Nitrogen as Ammonia, and Copper are attached. All testing is done at our waste water treatment plant by a certified operator in accordance with NPDES and MassDEP testing standards*. (*)Note: Copper tested using colorimetric test kit, SM Vol. 21, 3500- Cu B.