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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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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)

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1a. Additions

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

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

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	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
Revised					Construction-site specific educational materials development initiated (copies in SWMP)
4-02	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
Revised					

4a. Additions

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

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.

6a. Additions

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

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.