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Municipality/Organization: Massasoit Community College

EPA NPDES Permit Number: MAR042032

MassDEP Transmittal Number: **W- 21004706**

Annual Report Number & Reporting Period: **April 1, 2004 – March 31, 2005**

NPDES PII Small MS4 General Permit Annual Report
(Due: May 1, 2005)

Part I. General Information

Contact Person: Rocco Richardi Title: Director of Facilities

Telephone #: 508.588.9100, ext 1168 Email: rrichardi@massasoit.mass.edu

Mailing Address: Massasoit Community College, One Massasoit Blvd., Brockton, MA 02302

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: Rocco Richardi

Printed Name: Rocco F. Richardi

Title: Director of Facilities and Facilities Management

Date: March 26, 2007

Part II. Self-Assessment

Massasoit Community College has completed the required self-assessment and has determined that our Brockton campus is in compliance with all of the permit conditions except the following:

Part ii.F Failed to submit annual report on or before May 1. Submitted on March 30, 2007.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
1A	Article in College Newspaper	Facilities Dept Rocco Richardi	Quarterly articles every permit year	Completed as planned	Articles in College Newspaper; quarterly articles per permit year
Revised					
1B	Active Facilities Web Page	Facilities Dept Rocco Richardi		Due to changes in College website, Facilities web pages no longer exist.	100% of Facilities forms and Brockton campus schedule of events available via Public Folders.
Revised	*Facilities forms and schedule of activities available via Public Folders to College community*	Facilities Dept Rocco Richardi	100% of Facilities forms and Brockton campus schedule of events available	Revised activity completed as planned.	
2	Television Awareness Ads (Recycling)	Facilities Dept Rocco Richardi	Ads run quarterly on Massasoit Community College Cable Channel	Completed as planned.	Quarterly ads on Massasoit Community College Cable Channel.
Revised					

1a. Additions

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
3	Litter Control Program	Facilities Dept Rocco Richardi	1040 personnel hours of litter pick up	Completed as planned	1040 personnel hours of litter pick up
Revised					
4	Student Awareness Day	Facilities Dept Rocco Richardi	Four (4) events per permit year	Completed as planned	Student Awareness Days; four (4) events per permit year
Revised					
5A	Recycling Program – Paper and Cardboard	Facilities Dept Rocco Richardi	Weekly pickup (38 recycling containers)	Completed as planned	Recycling Program – Paper and Cardboard; weekly pickup; continue with 38 recycling containers
Revised					

2a. Additions

5B	Baling machine and compacter for recycling	Facilities Dept Rocco Richardi	Weekly pickup	Completed as planned.	Weekly pickup

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
6	Catchbasin Cleaning	Facilities Dept Rocco Richardi	Annual Cleaning of Catchbasins	Completed	Catchbasin Cleaning; annually
Revised					
7	Wastewater Discharge Inspection	Facilities Dept Rocco Richardi	Inspection completed and permit issued	Inspection completed and permits issued.	Wastewater Discharge Inspection
Revised					
Revised					

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
8A	Review all construction activities and site plans	Facilities Dept Rocco Richardi	Review 100% of construction projects	Completed to date	Review all construction activities and site plans
Revised					
8B	Inspect and enforce erosion and sediment controls	Facilities Dept Rocco Richardi	Weekly inspection of construction projects	Completed to date	Inspect and enforce erosion and sediment controls
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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
9	Review of completed construction activities	Facilities Dept Rocco Richardi	Annual inspections	Completed to date	Review of completed construction activities.
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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
10	Catchbasin Clean-out	Facilities Dept Rocco Richardi	Inspection and clean out once per permit year	Completed	Catchbasin clean-out; annual
Revised					
11	Preparation of SPPP	Facilities Dept Rocco Richardi	Conduct semi-annual inspections	Completed as planned	Conduct semi-annual inspections
Revised					

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
	Not Applicable – Beaver Brook does not have a TMDL.				Not Applicable – Beaver Brook does not have a TMDL.
Revised					

7a. Additions

7b. WLA Assessment

Not Applicable

Part IV. Summary of Information Collected and Analyzed

Not applicable

Part V. Program Outputs & Accomplishments (OPTIONAL)
(Since beginning of permit coverage unless specified otherwise by a **, which indicates response is for period covering April 1, 2005 through March 31, 2006)

Programmatic	**(Preferred Units)**	**Response**
Stormwater management position created/staffed	(y/n)	
Annual program budget/expenditures **	($)	
Total program expenditures since beginning of permit coverage	($)	
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		

Education, Involvement, and Training		
Estimated number of property owners reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	
Shoreline cleaned since beginning of permit coverage	(mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	
▪ community participation **	(# or %)	
▪ material collected **	(tons or gal)	
School curricula implemented	(y/n)	

Legal/Regulatory

	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with "**X**")					
▪ Illicit Discharge Detection & Elimination					
▪ Erosion & Sediment Control					
▪ Post-Development Stormwater Management					
Accompanying Regulation Status (indicate with "**X**")					
▪ Illicit Discharge Detection & Elimination					
▪ Erosion & Sediment Control					
▪ Post-Development Stormwater Management					

Mapping and Illicit Discharges	**(Preferred Units)**	**Response**
Outfall mapping complete	(%)	
Estimated or actual number of outfalls	(#)	
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	
Outfalls inspected/screened **	(# or %)	
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	
Illicit discharges identified **	(#)	
Illicit discharges identified (Since beginning of permit coverage)	(#)	
Illicit connections removed **	(#); and (est. gpd)	
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	
% of population on sewer	(%)	
% of population on septic systems	(%)	

Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	
Site inspections completed **	(# or %)	
Tickets/Stop work orders issued **	(# or %)	
Fines collected **	(# and $)	
Complaints/concerns received from public **	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	
Site inspections (for proper BMP installation & operation) completed **	(# or %)	
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	
Low-impact development (LID) practices permitted and encouraged	(y/n)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	
Qty of structures cleaned **	(#)	
Qty. of storm drain cleaned **	(%, LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	($)	
• Hourly or per basin contract rate **	($/hr or $ per basin)	
• Disposal cost**	($)	
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	
• Vacuum truck(s) owned/leased	(#)	
• Vacuum trucks specified in contracts	(y/n)	
• % Structures cleaned with clam shells **	(%)	
• % Structures cleaned with vactor **	(%)	

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	($)	
• Hourly or lane mile contract rate **	($/hr. or ln mi.)	
• Disposal cost**	($)	
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	
• Vacuum street sweepers owned/leased	(#)	
• Vacuum street sweepers specified in contracts	(y/n)	
• % Roads swept with rotary brush sweepers **	%	
• % Roads swept with vacuum sweepers **	%	

Reduction (since beginning of permit coverage) in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	

▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	
Integrated Pest Management (IPM) Practices Implemented	(y/n)	

	(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used ** (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized **	(y/n or %)	
Manual control spreaders used **	(y/n or %)	
Zero-velocity spreaders used **	(y/n or %)	
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/ln mi. or %)	
Estimated net reduction or increase in typical year sand application rate **	(±lbs/ln mi. or %)	
% of salt/chemical pile(s) covered in storage shed(s)	(%)	
Storage shed(s) in design or under construction	(y/n or #)	
100% of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	

Water Supply Protection

Storm water outfalls to public water supplies eliminated or relocated	# or y/n	
Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	
• Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	