City of Fall River, Massachusetts

SEWER COMMISSION

ONE GOVERNMENT CENTER

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TRANSMITTAL

To: EPA & MA DEP

From: Charles F. Boulay, IPP & Stormwater Coordinator

Date: August 6, 2004

Re: **Small MS4 Stormwater Permit – Year 1 Annual Report**

MA DEP Transmittal # W040761

Thank you for notifying us that the above referenced report had not yet been received by your offices.

Our records indicate that it was inadvertently sent to MA DEP, PO Box 4062, Boston, MA, 02711 around 5/3/04.

The report was formulated based on correspondence from our consultant.

We regret any inconvenience this may have caused.

(508) 324-2320 - (508) 324-2000 VOICE/TDD

City of Fall River, Massachusetts

SEWER COMMISSION

ONE GOVERNMENT CENTER

Small MS4 Stormwater Permit Annual Report

Year #1 (July '03- March '04)

MA DEP Transmittal # W040761

Fall River Sewer Commission
One Government Center
Fall River, MA, 02722

Charles F. Boulay
IPP & Stormwater Coordinator
508-324-2320

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 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 fines and imprisonment for knowing violations.

Charles F. Boulay 4/30/04

Year One Activities:

The City submitted its NOI on time in July 2003. We were informed that our NOI was administratively complete and that we could discharge stormwater in accordance with the general permit.

The next 2 pages (Table 1 from our consultant CDM) list the BMP's that were to be addressed in year one of the permit. The pages following Table 1 are the City's responses/action taken for each BMP for year one.

Due to the shortened permit year 1 and the fact that it is a new and unfamiliar program, the City did not accomplish as much as we would have liked. We are confidant that we will accomplish our goals by the end of year 2.

The City is on schedule to have flow into its CSO Tunnel by December 31, 2004. Approximately 75% of the city sewer is a combined system. The City has committed $150,000,000+ to this remediation project which will greatly improve the quality of our waters and wetlands.

Table 1

Year 1 Best Management Practices

BMP Number	Description	Measurable Goal
1-2	Update City website to include stormwater management information.	City website updated.
1-3	Continue to sponsor annual Coastal Cleanup	Hold annual City-sponsored Coastal Cleanup Days
1-7	Staff table at annual Earth Day Event	Collect informational materials during first permit year. Table staffed annually starting in second permit year, number of brochures handed out.
2-1	Comply with state public notification guidelines	Notices posted in library and current locations
3-2	Continue to update GIS mapping of the stormwater collection system	Annual update of GIS stormwater mapping layers with any new or revised information.
3-3	Develop and implement plan to identify and remove non-stormwater discharges to the MS4	Number of illicit connections found and removed
5-2	Specify a stormwater BMP manual to be used for consistent design and performance standards	BMP manual selected
6-1	Employee training program	Number/percent of employees who receive stormwater training each year.
6-2	Continue street and parking lot sweeping.	All streets and municipal parking lots swept in spring; daily sweeping of streets in downtown area throughout year, weather permitting; tons of materials removed from roadways annually.
6-3	Storm drain maintenance	Percent of catch basins cleaned annually.
6-4	Evaluate street sweeping and catch basin cleaning equipment	Evaluation of existing equipment
6-5	Roadway deicing	Amount and type of deicing compounds used
6-6	Continue spill prevention and response measures at Municipal facilities	Annual training of employees

Table 1

Year 1 Best Management Practices

BMP Number	Description	Measurable Goal
6-7	Continue to maintain hazardous materials inventory for materials used or generated by the City.	Maintenance of hazardous materials inventory system.
6-8	Minimize impacts from vehicle maintenance	Training of DPW, Sewer Commission, Water Dept, and Parks Dept employees completed annually; hazardous material usage tracked.
6-9	Minimize impacts from vehicle washing	Decline in use of soap. Switch to biodegradable soap.
6-11	Continue tree planting program.	Number of trees planted.
6-12	Hold Annual Household Hazardous Waste Collection Day	Household Hazardous Waste Collection Day held annually.
6-13	Continue to accept waste motor oil, batteries, and other waste items through regular drop-off hours at the DPW.	Waste drop-off hours maintained for residents.
6-14	Continue enforcement of pet waste pick-up ordinance. Continue frequent trash barrels emptying to encourage proper disposal.	Reduction in complaints, if any, of pet waste in public areas; frequency of trash barrel emptying.

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City of Fall River- Actions Taken in Year One

BMP Number:

1-2) The website currently has information on the fact that about 75% of the City has a combined sewer/drain system leaving about a 25% separate drain system covered by the MS4 permit. The City is in the middle of a $ 150 Million + CSO Tunnel Remediation Project to be able to better convey and treat combined stormwater. Boring of the main tunnel has been completed and connecting tunnels are currently being worked on.

New information specific to stormwater pollution & prevention has been compiled and will be added to the website by the middle of year 2 of the permit.

1-3) Coastal (and other locations) Clean Up Days were held in spring '03 and will be held in spring '04.

1-7) Table was staffed by ConCom for Earth Day '03, stormwater informational materials have been compiled for '04.

2-1) Public Notices are always posted at the City Clerks' Office and at the information kiosk on the lobby level of City Hall by the City Clerk. Notices will begin to be posted at the Public Library in year 2.

3-2) The GIS mapping is constantly being updated for drainage structures by our collections system contract operator US Filter. New systems will be added by the Planning Board as Projects/Subdivisions are completed.

3-3) Illicit connections are looked for whenever lines are cleaned/maintained or inspected (CCTV or visual). Any observation of or complaints of unusual or odorous discharges are investigated and tested.

A report of a soapy discharge has been received in a outfall pipe and will be investigated.

5-2) BMP manual has been selected: MA DEP and CZM "Stormwater Management, Volume Two: Stormwater Technical Handbook (March 1997).

6-1) Our contract operator for the WWTF and sewer and drain system has a ongoing mandatory training program for all its employees.

Training on stormwater will be provided for DPW, Water, And Park employees in year 2.

6-2) DPW continues daily street sweeping as weather permits. They do weigh street sweepings but currently do not have the manpower to compile the data.

6-3) We are currently cleaning 1300-1500 CB's per year which is between 20-25% of our total.

6-4) We currently have 2 street sweepers, 2 stetcos, and 2 vactors. The equipment is considered effective but one vactor is near the end of its service life. The City is revising one of its STAG Grants to include purchase in year 2 of a new large capacity vactor and a stetco machine with integral jet rodder.

6-5) The DPW uses mostly salt and some sand for deicing. During the permit period they used about 4700 tons of salt and 9,800 CY of sand.

6-6) As stated in BMP 6-1, our sewer and drain contract operator has an extensive ongoing training program for all its employees. Pertinent DPW employees were brought up to date on spill prevention and response during clean up of a leak/spills at the fuelling area of the garage. Education/training of DPW, Water, and Park employees will be provided in year 2.

6-7) Hazardous Materials/Waste Inventories/Logs are kept by the respective departments as required by EPA/DEP/OSHA regulations.

6-8) See 6-1 and 6-6.

6-9) Vehicle washing is done at the various Department locations which are all tied into the combined sewer system, some going through oil separators first. Although this flow is going to the WWTF the City will review its soap use at each location.

6-11) The Park Dept. has an ongoing tree planting program. The fiscal year for the City runs from July 1- June 30. Although more trees were planned for the whole fiscal year only about 40 were planted in the reporting period.

6-12) Due to political and legal problems between the City and BFI, there was no Household Hazardous Waste collection Day in the Fall of 2003. The DPW has plans for the collection in the fall of 2004 independent of BFI.

6-13) The waste drop off location at the DPW garage is manned from 7:00 am to 2: pm on weekdays.

6-14) Pet waste complaints on private property are dealt with swiftly by the Board of Health and Minimum Housing Depts.

The Park Dept. now picks up trash at least two times per wk. in parks except in winter. They respond to complaints in their areas and generally the DPW would respond to other public areas.

With an increase in public information and signage in year 2 we hope to see a decrease in complaints.

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