City of Fall River, Massachusetts

SEWER COMMISSION

ONE GOVERNMENT CENTER

NPDES Phase II Small MS4 General Permit: Annual Report

Municipality: **Fall River Sewer Commission, 1 Govt. Ctr., Fall River, MA, 02722**

EPA NPDES Permit #: **MA0100382**

MA DEP Transmittal #: **W-040761**

Annual Report #: **No. 3** **Reporting Period:** **April '05 – March '06**

Part I. General Information

Contact Person: Charles Boulay Title: IPP Coordinator

Telephone #: 508-324-2320 Email: cboulay@fallriverma.org

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: Charles F Boulay Printed Name: Charles Boulay

Title: IPP Coordinator Date: 3/2/07

Part II. Self-Assessment- Year 3

Due to a transfer and a retirement (the 2 top positions) the FRSC central staff is down to 2 persons from 4 with part time administrative supervision from the Director of Public Works. The FRSC is also in the middle of the **$185,000,000 CSO Abatement Project.** This lack of manpower, time, and money has caused the City to not meet all of its goals for year three of the SW Permit. The major area where we did not meet our goals was in the formulation or passage of new/updated regulations. **We have made good progress on the physical aspects of the program.**

There will be a full time Administrator of Public Utilities/Director of Water Pollution Control on board as of July 1, 2006. If we are not able to catch up with most of our goals in year 4 we will have to hire additional personnel or a consultant.

Part III. Summary of Minimum Control Measures

STORMWATER REPORT 2006

Year 3 Best Management Practices

BMP #	BMP Description	Measurable Goal(s)/Schedule	Progress on Goal(s) Year 3	Planned Activities Year 4
1.	**Public Education and Outreach**			
1-1	SW article/brochure made available to public/mailed.	Develop article/brochure in yr 2; make available @ Library/City Hall & mail yrs 3-5.	Brochure selected & made available @ Library/City Hall.	Continue to make available & mail w/taxes yrs 4-5.
1-2	Update City website to include information on SW management.	City website updated to include SW management issues in yrs 1-5.	Website updated.	Continue to update website.
1-3	Continue to sponsor annual Coastal Cleanup.	Hold City sponsored Cleanup Days annually in yrs 1-5.	City sponsored Cleanup Day held in April.	Continue to hold City sponsored Cleanup Day.
1-4	Present SW management issues to schools/organizations in the City.	Presentation given to at least one group or school annually in yrs 2-5.	Presentation given at City Council mtg. and article in local paper.	Continue to give presentations.
1-5	Educate dog owners about picking up dog waste.	Pet waste fact sheets developed in yr 2 and distributed w/ dog registrations in yrs 3-5.	Fact sheet developed and distributed.	Continue to distribute fact sheet w/ dog registrations.
1-6	Install & maintain signs for pet waste cleanup and SW management at parks and schools.	Install signs at parks and schools in yr 2, and inspect/maintain signs in yrs 3-5.	Signs installed/maintained at 31 playgrounds, parks, schools, & cemeteries.	Inspect & maintain signs.
1-7	Staff a table w/ SW info at annual Earth Day event.	Collect materials in yr 1; staff table and distribute at Earth Day event yr 2-5; brochures distributed.	No Earth Day Held this year.	Continue to staff table if event is held.
2.	**Public Participation and Involvement**			
2-1	Comply with state public notification guidelines (MGL Ch 39 Sect. 23B).	Post notices of upcoming meetings as required by state law yr 1-5.	Notices posted in designated locations: City Clerks Bulletin Board & Public Works Dept.	Continue posting notices, may add an additional location.
2-2	Stencil catch basins w/ don't dump message.	Stencil a minimum of 25 CB's per year in yr 2-5 with a priority given to those discharging to sensitive areas (wetlands, ponds, rivers).	≈ **30 CB's** stenciled.	Continue stenciling.
3.	**Illicit Discharge Detection and Elimination**			
3-1	Conduct dry weather outfall screening.	The 1st round of screening was already done and will be redone in yr 5. Number of outfalls screened.	NA	Get new steerable/tire CCTV sys. for large drains.
3-2	Continue to update the GIS map of the SW collection system (CS).	Annual update of GIS SW CS mapping w/ new or revised information.	GIS mapping is continuously updated as information is received.	Continue to update SW mapping.

3-3	Develop & implement a plan to identify & remove non-SW discharges from the MS4.	Number of illicit connections investigated, found, & removed. Prioritize outfalls for investigation. Locate and remove illicit conn. within 2 yrs of screening.	No contamination was detected at initial screening. Investigations continue at all CCTV inspections and complaints.	Continue investigations and complaint follow-ups.
3-4	Investigate if any twin invert (TI) manholes are in the separate SW system.	Review all SW plans for TI's in yr 2. Evaluate TI's in yr 3. Corrective plan in yr 4. Implement in yr 5.	Plans reviewed (only 2 TI's- Lowell, Quequechan). They're near CSO diversion structures & will be modified as part of the CSO project as conns. are made.	Implement corrective plans as CSO project progresses, probably in yr 5.
3-5	Develop bylaw prohibiting non-SW conn. to the MS4, allows access to search for illicit conn., requires removal.	Draft bylaw in yr 2; submit to City Council in yr 3 and thereafter until passed.	Draft of totally revised SUO completed and approved by EPA. Not submitted yet.	Submit to City Council.
3-6	Develop bylaw to require inspection of new construction for proper conn. to SS.	Draft bylaw in yr 2; submit to City Council in yr 3 and thereafter until passed.	Draft of totally revised SUO completed and approved by EPA. Not submitted yet.	Submit to City Council.
4.	**Construction Site Runoff Control**			
4-1	Develop Construction Site Erosion & Sediment Control bylaw for sites > 1 acre.	Draft bylaw in yr 2; submit to City Council in yr 3 and thereafter until passed.	Modifying similar bylaws from other jurisdictions for draft. Not submitted yet.	Submit to City Council.
4-2	Require developers/contractors to submit monthly erosion & sediment control inspection reports to City for sites > 1 acre.	Develop procedure for receiving & reviewing monthly reports in yr 3; require report submittals in yr 4 and thereafter.	Not completed yet.	Finish developing procedures and require submittals.
4-3	Review site plans (> 1 AC) for SW impacts, including adequate erosion/sediment controls.	Develop protocol for reviewing plans (including training) in yr 2; begin reviews in yr 3.	Protocol still being developed.	Begin reviewing plans.
4-4	Consideration of public input for sites disturbing > 1 AC.	Allow public review & comment period and have signs w/ phone # posted at construction sites in yr 3 and thereafter.	Not completed yet.	Post phone # at each construction site for comments or complaints.
5.	**Post-construction SW Management in New Development and Redevelopment**			
5-1	Develop a bylaw to apply Performance Standards 2, 3, 4, 7, & 9/3 of MSP to sites disturbing >1AC	Develop bylaw in yr 2, present to City Council in yr 3 and thereafter.	Bylaw in development.	Finish bylaw and present to Council.
5-2	Specify a SW BMP manual in the bylaw to be used for consistent design & performance standards.	Specify a SW BMP manual to be included in the bylaw. MA DEP/CZM "Stormwater Management Volume 2: Stormwater Technical Handbook, March '97" was selected in yr 1.	NA	NA
5-3	Ensure long-term maintenance of structural BMPs.	Include provisions in the bylaw requiring developers to submit thorough specs for BMPs & provide maintenance funding in yr 2; present to City Council in yr 3 and implement w/approval.	These provisions have not been developed yet.	Develop provisions.

6.	**Pollution Prevention/Good Housekeeping For Municipal Operations**			
6-1	Employee training program.	Sewer, Water, DPW, & Parks field & maintenance staff shall receive at minimum one SW related training course per 5 yr permit term (# or % trained /yr).	Sewer & Water have received training.	Provide training for Parks and DPW.
6-2	Continue street & parking lot sweeping.	All municipal parking lots & streets swept in spring Daily sweeping of commercial areas thru out yr (tons removed).	Required cleanings ongoing. Trucks hauling sweepings are weighed at landfill. Annual sweepings were **1,070 Tons.**	Continue required sweeping and get DPW to compile tonnage.
6-3	Storm drain maintenance.	Goal to clean all basins (≈5,000) at least once /3 yrs (# or %).	≈ **1,756 CBs** cleaned.	≈ 1,700 CBs cleaned.
6-4	Evaluate street sweeping & catch basin cleaning equipment.	Ongoing evaluation of street sweeping and catch basin cleaning equipment for improvement/replacement.	Acquired **2 new Vactors** (8 CY & 12 CY), retired '86 – 8 CY and kept '97 – 6 CY.	Continue ongoing equip. evaluations. Seek funding to replace oldest of 3 Sweepers.
6-5	Continue roadway deicing procedures.	Calibrate equipment as needed but at least once per yr. Keep salt in a covered facility. Maintain records of amount & type of deicers used annually.	Equipment calibrated annually. Salt stored in dome/shed. **6775 Tons of salt** use and **900 Cubic Yards of sand** were used in yr 3.	Continue practices.
6-6	Continue spill prevention & response measures at municipal facilities.	Continue training Sewer, Water, DPW, & Parks workers on spill prevention & response annually. Update Spill prevention & response plan annually.	Training continued but plan not updated.	Continue training and update spill prevention & response plan.
6-7	Maintain hazardous materials inventory.	Continue to maintain an inventory of hazardous waste & materials that could contaminate SW to aid in the management of their use (Sewer, Water, DPW, Parks).	Inventories maintained.	Continue to maintain inventories.
6-8	Minimize impacts from vehicle maintenance.	Continue minimizing impacts from vehicle maintenance thru training and proper hazardous materials management & use reduction. Continue to limit maintenance of vehicles to the inside of the respective maintenance facilities or other similarly contained areas.	Training ongoing, hazardous materials tracked, & regular maintenance restricted to inside of facilities.	Continue practices.
6-9	Minimize impacts from vehicle washing.	Continue to minimize impacts from vehicle washing by washing inside maint. facilities or where water drains to sanitary/combined sewer systems. Use biodegradable phosphate-free soap by end of yr 2.	Switch to phosphate-free biodegradable soap will occur after inventories are depleted. Maint. facilities are located on combined sewer systems.	Continue practices; switch to phosphate-free biodegradable soaps as old inventories are depleted.
6-10	Park & landscape maintenance.	Train staff to minimize application of herbicides, pesticides, & fertilizers by end of yr 2. Keep records of amounts used thereafter.	Training conducted and will be ongoing.	Maintain maintenance/use records.
6-11	Continue tree planting & maintenance program.	Continue practice of planting about 100 trees per yr and replacing tree that have been cut down. Keep records of # of trees planted.	Approximately **113 trees planted.**	Continue program.

6-12	Hold an annual Household Hazardous Waste Collection Day.	Hold an annual Household Hazardous Waste Collection Day once per yr.	BFI has stopped sponsoring the event, so it was not held this year.	Find new sponsor or funding source so HHWCD will be able to be held.
6-13	Continue to accept waste motor oil, batteries, & other items through regular drop off hours at the DPW garage.	Maintain regular drop off hours for waste motor oil, batteries, and other items at the DPW garage throughout the permit term for Fall River residents.	Fall River & Somerset residents may drop off waste oil every Friday from 8AM to 2PM and the 1st Saturday of each month from 8AM to 12PM. Other waste items may be dropped off from 8-2, M-F.	Continue program.
6-14	Continue enforcement of pet waste pick-up ordinance & frequent trash barrel emptying to encourage proper disposal.	Reduce complaints (if any) of pet waste in public areas by continuing to enforce the pet waste pick-up ordinance and empty trash barrels in public areas frequently.	Enforcement & trash pickup was continued. Ordinances were passed establishing an Animal Control Div. Under the Police Dept., 3 full time ACO's, open 7 days 8-4. They will also enforce the pet waste ordinance. (AC was previously contracted out.)	Animal Control Division to start up 7/1/06. Continue to enforce ordinance and continue frequent trash pick up.