

Halifax Wastewater Treatment Facility

The first phase of the two-phase process to re-commission the Halifax wastewater treatment facility (WWTF) by Halifax Water was completed last fall and continues to operate according to plan.

This plan has dry-weather flows of 7,000 cubic metres/hour being diverted through the Halifax WWTF, floatables screened out by the coarse and fine screening system, then discharged via the plant's existing outfall pipe which extends approximately one kilometre into Halifax Harbour.

The second phase involves the final recovery of all processes and systems in the WWTF with the expectation that the plant will be fully functional in the spring of 2010. All damaged equipment is being repaired or replaced with the vast majority of the estimated \$11 million cost for the recovery effort being provided by the project's Builder's Risk Insurance policy that was in place at the time of the flooding. Some of the recent recovery milestones include:

- The arrival at the Halifax WWTF of the five new raw water pumps ordered from Germany
- Boilers replaced and commissioned
- Basement gas detection equipment replaced and commissioned
- All pumps requiring replacement in the basement area have been removed and the area readied for replacement equipment
- The equipment in the motor control centre in the basement has been removed and the space has been readied to receive new equipment
- All equipment that is to be replaced, including electrical components, has been ordered



New boilers up and running in the Halifax WWTF-March 2010



New gasmeters installed and commissioned in the Halifax WWTF, March 2010

Dartmouth Wastewater Treatment Facility

The Dartmouth WWTF continues to treat wastewater flows. Commissioning of the WWTF is in its final stages after completion of a 14 day performance test. The focus at this point is to ensure the facility meets all project specifications for odour and effluent quality, prior to achieving substantial completion.



Technician Paul Henneberry making adjustments at the Dartmouth WWTF, March 2010

Technician Rob Wyman greasing screens at the Dartmouth WWTF, March 2010

Herring Cove Wastewater Treatment Facility

The Herring Cove WWTF is now operating in the commissioning phase with the introduction of wastewater flows on December 14th, 2009. It is anticipated the 14 day performance test will commence this month.



Technician checks samples at the Herring Cove, March 2010



Herring Cove WWTF Press Room, March 2010

Overall, the \$333M Harbour Solutions Project remains within budget. HRM and Halifax Water continue to work closely with its prime contractors and insurers to complete all three wastewater facilities in accordance with contract specifications as soon as possible. It remains the intention of Halifax Water and HRM to see the Halifax WWTF back in full operation in the spring of 2010, that any problems that led to the sequence of events that caused the flooding are addressed, and that the water quality of Halifax Harbour is once again restored to levels enjoyed last year by residents.

For more information...

In-depth information about the Halifax WWTF along with other aspects of the Harbour Solutions project are posted on the HRM website at <http://halifax.ca/HWWTF/index.html> and the Halifax Water website at halifaxwater.ca where newsletters, diagrams, photos, background materials, and answers to frequently asked questions can be found.