

TOWN OF HILLSBOROUGH
ENGINEERING STATUS REPORT

JUNE 2011

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PROJECT	BUDGET	STATUS
WWTP Discharge Compliance	-	We were compliant with our discharge permit limits in April. Our sludge management program is in good condition.
WWTP Expansion Design/Permitting/Bids	\$ 1,025,000	Fourteen contractors were prequalified to bid, and bids will be opened on July 12th (currently being advertised). Only approved contractors will be allowed to bid on the construction project, to better ensure quality of work. The Town Board is anticipated to consider the contract award at the July 25th Workshop. All permits have been approved. Construction contracts are scheduled to be in place by September 2011. The construction should be complete around March 2014.
Sewer Spill Summary	-	The Town has had no reportable sewage spills in 2011. There have been no bypass events at the WWTP in 2011.
West Fork of the Eno Reservoir	-	The reservoir is slightly below full, with approximately 365 days of supply remaining. We had 2.8 inches of rain in May (1.9" in April, 4.4" in March).
WFER - Completion of Wetlands and related permit requirements	\$ 1,120,000	Construction on the water quality impoundments modifications is nearly complete. Reconfiguration of the Hatley site has begun and planting will begin this Winter. Some additional area will be required, which could cost up to \$200K, but I am working on some different options that could greatly reduce or eliminate the cost. All of this work is required to bring us into compliance with our US Army Corps of Engineers (USACE) permit. The USACE has suspended our construction permit until this work is completed, but the suspension should not interfere with Phase 2 construction as long as we complete the current work. We also still have the potential to be fined by USACE for non-compliance due to delays thus far, but efforts to comply now should help greatly to minimize fines, if any are assessed.
Total Trihalomethanes (TTHM) Compliance	-	The 2nd Quarter 2011 testing was performed in mid-May. These results were higher than the 2010 2nd Quarter, which increased our official 2nd Quarter average to 57 parts per billion (from 39ppb), which makes our current running annual average rise to 47 ppb (annual average limit is 80 ppb). We are continuing to monitor our results for potential increases, since we have changed our operations with use of the large clearwell. The new backwash pumps planned for Fall 2011 should improve the TTHM levels due to better filter cleaning and lower clearwell operation. The Town remains compliant with TTHM levels. 3rd Quarter 2011 testing will be in
Water Restrictions	-	No withdrawal restrictions are in effect for the Town, and no restrictions for Town customers. Lake Orange is slightly below full.
Water System Flushing	-	The Fall water system flushing is planned for September through October.
"Unaccounted-for" Water	-	Miscellaneous repairs have been proceeding.
Miscellaneous Water Projects	-	The inside of the Hassell Street tank is currently being repainted, and miscellaneous repairs being made. It should be returned to service by June 13th. Replacement of old water main along US70 east of St. Mary's Road is ongoing, along with service renewals.
GIS Development	\$ 50,000	Work continues to fine-tune the data to ensure accuracy of buried features that could not be uncovered for locating. Work will continue in future FYs to keep the GIS up-to-date and tweak the data. Most repair needs that were uncovered have been addressed.
Sewer Rehabilitation & Repairs	\$ 450,000	We are trying to schedule replacement of the sewer line under the railroad tracks near Gold Park, through the pipe bursting method. When the price and timeline for that work is finalized, additional relining will take place at other locations as needed. Additional sewer services in North Fairview will be replaced in the next few months.
Elizabeth Brady PS Upgrade Design	\$ 80,000	Preliminary plans are complete and being reviewed by staff. We will be seeking a construction loan in the Fall to get this project underway. This is a construction project in the FY12 budget.
Orange Grove Road Water Improvements	\$ 550,000	Design work is complete for the replacement of the Mayo Booster Pump Station and Orange Grove Road water line. Permit applications will be prepared later this month. Construction will likely begin in Fall 2011, with completion by August 2012.