

 TOWN OF CAPE CHARLES	AGENDA TITLE: Wastewater Treatment Plant (WWTP) Status		AGENDA DATE: May 16, 2013
	SUBJECT/PROPOSAL/REQUEST: Update on construction of new plant and decommissioning of old plant.		ITEM NUMBER: 7B
	ATTACHMENTS: None		FOR COUNCIL: Action () Information (X)
	STAFF CONTACT (s): Bob Panek	REVIEWED BY: Heather Arcos, Town Manager	

BACKGROUND:

The Town awarded a \$14.7M contract for construction of the new WWTP to W.M. Schlosser Company in September 2009. Five change orders have been executed:

1. \$164K - Over-excavation of unsuitable material.
2. \$177K - Modifications to enable effluent reuse.
3. \$34K - Various items.
4. \$40K - Various items.
5. \$141K - Various items.

These change orders bring the contract value to \$15.3M.

The total project was estimated at \$19.2M, including design, engineering, construction, construction management and inspection. We are funding the project as follows:

1. \$6.0M - Virginia Clean Water Revolving Loan Fund (VCWRLF) principal forgiveness loan (equivalent of a grant), underwritten by the American Recovery and Reinvestment Act (ARRA) of 2009 (Federal stimulus).
2. \$8.0M - Water Quality Improvement Fund (WQIF) grant.
3. \$5.2M - VCWRLF zero-interest loan.

DISCUSSION:

The new plant has been treating all wastewater flow since April 2012. The treated effluent has met or exceeded all regulatory standards. Nitrogen and phosphorous discharge has been reduced by about 93%.

The contractor achieved substantial completion on October 11, 2012. We are awaiting completion of a few items and will make final payment of about \$1.1M, including retainage, in the near future. Change orders have been held to about 3.8% of contract value, including the planned change for effluent reuse (1.2% of contract value).

All work to decommission the old WWTP has been completed. We are developing a plan to grade out the residual materials stored just west of the new WWTP.

We have successfully passed all project evaluations and ARRA compliance reviews conducted by DEQ and the U.S. Environmental Protection Agency (EPA) Office of Inspector General (OIG).

Overall, the project should be completed about \$300K under budget.

RECOMMENDATION:

Provided for information only.