
From: Stanton, Terry A. (Treasury)
Sent: Friday, January 30, 2015 4:19 PM
To: Muchmore, Dennis (GOV); Allard, Claire (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Posthumus, Dick (GOV); Wurfel, Brad (DEQ); Hollins, Harvey (GOV)
Subject: Flint FDCVT Project Summaries

Importance: High

All...see below. As noted on the 1:30 conf call, both are "related" to water.

Flint Incinerator

The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly \$8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown

Construction Contractor	\$1,050,000
Project Management	<u>\$50,000</u>
Total	\$1,100,000

Flint Leak Detection

The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown

Project Planning	\$90,000
Mobilization of Crew to Site	\$27,000
Leak Detection < 16" diameter	\$378,000
Leak Detection 16" diameter or >	\$270,000
Pipe Condition Assessments	<u>\$135,000</u>
Total	\$900,000