



Legislation Details (With Text)

File #: 15-0494 **Version:** 1 **Name:** ECE Services for Dorton Landfill Testing
Type: Ordinance **Status:** First Reading
File created: 11/25/2015 **In control:** City Council
On agenda: 12/10/2015 **Final action:** 12/10/2015
Title: Discussion and action on contract with ECE Services for Dorton Landfill Testing, including budget amendment
Sponsors: Engineering Department, Tim Begley
Indexes:
Code sections:
Attachments: 1. Letter from TDEC, 2. ECE Email with Explanation.pdf, 3. ECE Lab Prices, 4. Landfill budget amendment

Date	Ver.	Action By	Action	Result
12/3/2015	1	Work Session	received and filed	

Discussion and action on contract with ECE Services for Dorton Landfill Testing, including budget amendment

SUMMARY: The State Inspector has issued a letter to the City stating that the ground water samples from the Dorton Landfill are turbid (muddy) and that the City must incorporate appropriate measures to rectify the turbid samples. The only way to rectify the turbid samples is to install a bladder pump in each of the three wells. The pumps would be operated with compressed nitrogen.

ECE has given the City a price of \$1575 per well to install the pumping systems for a total of \$4,725. Staff believes that this option may keep the landfill from going into a TDEC assessment that will require more testing for at least one year. Consequently, this option would be a savings to the City. By adding the pumps, the sampling of the wells requires compressed nitrogen and requires more time for the technician to pull the sample. ECE has adjusted their sampling and lab analysis price to \$1672.50 for the all three wells. This is an increase of \$375.

As it stands today, all current services to be performed in the 2015-16 fiscal budget are shown below at a total cost of \$12,335.

Fee Schedule	
1st Quarter	
\$250.00	Gas Monitoring
2nd Quarter	
\$250.00	Gas Monitoring
\$1,672.50	Groundwater Sampling & Lab Analysis
\$1,200.00	Ground Water Statistical & Lab Analysis
3rd Quarter	
\$250.00	Gas Monitoring

4th Quarter	
\$250.00	Gas Monitoring
\$1,672.50	Groundwater Sampling & Lab Analysis
\$1,200.00	Ground Water Statistical & Lab Analysis
\$865.00	2 additional sampling of seeps with lab
\$4,725.00	Installation of 3 pumps, tubing, cable, a
\$12,335.00	Total expenses expected for 15-16 w seep in the second and fourth quarter

It is recommended by staff that the Council approve the installation of the pumps and the fee schedule shown above with ECE and approve the additional lab testing prices provided by ECE, that may be required by the State as shown below:

- \$195 Dissolved metal for Appendix I metal list, per sample
- \$15 Laboratory Filtering, per test
- \$50 Turbidity Analysis, per test
- \$42 Chloride Analysis, per test
- \$8.50 Laboratory pH, per test
- \$45.00 Ammonia, per test
- Cost+15% Additional laboratory testing, per test

BUDGET ACCOUNT: 110-43240-254

Budget Amendment required for \$4,000

NECESSARY COUNCIL ACTION: Approve the installation of the pumps and the annual fee schedule with ECE and approve the additional lab testing prices provided by ECE, that may be required by the State and approve a budget amendment