

# REPORT

To the Honorable Mayor and City Council  
From the City Manager

June 22, 2009

## **SUBJECT**

Final Acceptance – Lakeview Pump Station Improvements Project

## **RECOMMENDATION**

Accept, by motion, the Lakeview Pump Station Improvements Project and authorize the release of bonds and retention according to city procedures.

## **BACKGROUND**

On March 24, 2008, Council awarded the construction contract for the Lakeview Pump Station Improvements Project to Casey Construction, Inc. for their low bid of \$546,158.00. The project is successfully completed in accordance with the plans and specifications. Eight (8) change orders totaling \$42,614.00 (7.8% of the contract value) were issued. The final cost is \$588,772.00. Change orders resulted from unforeseen field conditions.

Several unexpected challenges were met during construction of this project. The variable frequency drives that regulate the pump speeds for efficient use of the pumps were discovered to require cooling. The air conditioning unit needed to cool the electrical components was delayed in the manufacturing process. Delivery of the permanent standby engine generator for emergency power was as well delayed almost eighteen weeks. The Lakeview Pump Station is operational, improved, and in use.


The pump station is now capable of supplying water to the Emerald Lake Hills area in the event of an emergency and conveying water from the Lakeview Reservoir to prevent water quality issues in the future. The improvements of this project provide operations staff with tools to preserve the water quality within the reservoir by allowing water at the bottom of the tank better opportunity to circulate. Improvements included providing a new structure to enclose the pump station (pump control valves and piping), variable frequency drives, and a stand-by engine generator for use during power outages.

## **ALTERNATIVES**

Council may choose not to accept the contract which would be contrary to prior Council action.


## **FISCAL IMPACT**

Funding for this project has been approved and appropriated and appears in the FY 2008/09 budget as the Water Fund Capital Projects, Lakeview Pump House.




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Jimmy Tan, P.E.  
Senior Civil Engineer



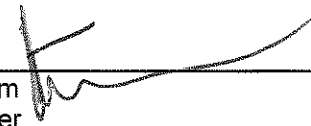
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Chu Chang, P.E.  
Community Development Services Director



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Peter Vorametsanti, P.E.  
City Engineer



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Peter Ingram  
City Manager

**ATTACHMENTS**

None

**RELATED DOCUMENTS IN CITY CLERK'S OFFICE**

None