

Town of Hot Sulphur Springs

October 17, 2012

Lagoons Project Update

The Town recently procured a loan for sewer improvements. This update will serve as a status report of how those funds are being spent and the progress of the project.

Items that have been completed to date include:

- Widner Michow & Cox- Professional Services Agreement with Merrick (Engineer), review final executed loan agreements post closing. \$1083.00
- Spencer Fane & Grimshaw- Preparation, examination, and approval of proceedings relating to authorization and issuance of the \$706,000.00 governmental agency bond, and issuance of approving legal opinion. \$7000.00
- Tim Shenk Land Surveying- field surveying. \$2920.75
- Grand County Title & Escrow Company, Inc-Commitment. \$875.00.
- Air Diffusion Systems- Engineering, Shop Drawings and wastewater equipment as per proposal. \$10,000.
- Air Diffusion Systems- ADS Aeration System equipment as outlined in proposal. \$23,401.00
- Grand Junction Pipe- Pipe, fittings, valves and misc. For lagoons sequencing operation. \$1774.28.
- Tops Equipment Inc.-Installation of lagoons sequencing operation equipment. 60% \$1500.00
- Colorado Lining International-Lining repair. \$2312.50
- Parker AG-Drain and clean lagoons 2 and repair holes in liner. \$20,000.00.
- Granby ACE-concrete mix. \$19.39.

The following topics and subcategories are currently at work with Merrick/Ed Duerr Inc.

- Equipment lists.
- Permitted Flow Rates.
- Design Criteria for the improvements.
- Dewatering criteria for lagoon pond two.
- Headworks design.
- Hydraulic profile, static hydraulic profile of the plant.
- Optional operational scenarios.
- Chlorination systems.
- SCADA systems.
- Water line to facility.
- Loan applications Greg Winkler DOLA.
- Mixing pump lagoons.

CDPHE Two Stage Process for Plan Submittal Design Build Review

Site Application

- Pay Fee
- Submit SA
- Declare Project Delivery System

Process Design Report (PDR)

- Pay Fee
- Submit PDR for Entire Project
- Declare Project Delivery System
- Define Project Phasing
- Define Project seeks Streamline Approval
- All Documents showing control of site

CDPHE 60 and 45 day review to run concurrently

Final Design (Plans and Specifications)

Streamline

- Self Cert form for Phase
- Final Design (P & S)
 - Self Cert. Approval
 - Construct Phase
 - Construction As-Approved Certification

CDPHE is working with the Town and the engineering group and have agreed to us providing one 60% design submittal, and associated reports,(versus a 30 and 60% submittal) to save us some time and effort. We think this will save us at least 45 days of review time with CDPHE.

The Town is also currently undergoing a lagoon geotech investigation. Discussions are currently underway with both engineering firms to develop a reasonable and cost effective solution for the hydraulically challenged liner in lagoon number two.