

Minutes
E&O Committee Meeting
Wednesday October 6, 2010

Attending: Earl Foster, Frank Black, Ramzi Deeb, Jerry Hietpas, Ike Herrick, Don Walden, Jacob Angelo

The meeting was essentially a review of the active District projects by Earl Foster. There was no action or recommendations to the Board. The General Manager handout is attached to these minutes.

ACTIVE PROJECTS

Agenda Item #1 – District 17 Water Interconnect As listed in this agenda there are still several items in need of attention. In addition, there was discussion as to whether the decorative railing adjacent to the site building should meet OSHA standards to ensure use of maximum safety standards. A decision will be made pending review of this issue.

Agenda item #2 – W-3 Office Building The building has been completed and is operating according to plan. Due to the City of Lakeway regulations, the white roof was replaced with a darker one.

Agenda Item #3 – Odor Control Status – (Tallstar and L-1) KIVA contractors are mobilized and work has begun installing the mulch pit and vacuum facilities to control the bacteria which are causing the odor.

Agenda Item #4 – W-3 Pumping Improvements The project has been completed and we are waiting on the O&M Manuals for the pumps to be delivered. Final payment will be made upon receipt of manuals.

Agenda Item #5 – Highlands There are many issues that need clarification associated with connecting the proposed lift station in The Highlands to the S-5 wastewater plant. Construction has not begun as yet. No decision has been made with the developer as to the role of the District in building the plant, what standards will be used, who will operate the plant and how much control the District will have in overseeing the construction. The District will need to be proactive in establishing communications with the developer to ensure the District's interests are paramount in all aspects.

UPCOMING PROJECTS

Agenda Item #1 – W-3 Chlorine Scrubber The purpose of this project is to protect the surrounding area from a gaseous Chlorine leak by enclosing the entire chlorine facility and installing a caustic (NaOH) scrubber. The biggest hazard in this operation is escaping gas during off loading it from the truck into the facility. A vacuum system is designed to pull air mixed with the escaped Cl gas through a caustic scrubber to neutralize it. A new caustic scrubber from another facility was located at a cost of \$20,000 versus \$150,000 for the budgeted one. It will scrub a one-ton cylinder of chlorine gas which meets the risk analysis criteria. Alan Phillips is continuing with preliminary engineering.

Agenda Item #2 – I-4 Chlorine Scrubber This facility will be converted from Chlorine gas to Sodium Hypochlorite. The capital cost using the liquid chlorine is higher but the risk to the public is lower. Both S-4 and S-5 have already been converted to Sodium Hypochlorite. Comparison costs for this item will be reviewed in E&O Committee on November 3. Alan Phillips is continuing with preliminary engineering.

Added Discussion: Recommended Procedure for E&O Committee Minutes – Ike Herrick

Ike prepared a draft proposal for formalizing the way the E&O committee minutes should be handled to improve their content and distribution. E&O committee agreed to try the procedure.

Handout from General Manager

1. Review Active Projects:

- Interconnect with District #17, Rollup door is on site, walk-in door needs to be replaced. Had to change out defective 16-inch Tee. Order position switch for cla-valve, plus defected part on cla-valve at E-2 on back order.

Original Contract	\$536,674.36	WCID #17	\$290,000	Engineering/surv.	\$120,000
Change order #1	\$11,635.00	WCID #17Paid	\$62,614	Eng/insp. Paid	\$111,381.48
<u>Total Construction</u>	<u>\$548,309.36</u>	<u>WCID #17 Owes</u>	<u>\$227,386</u>	<u>Eng. Remainder</u>	<u>\$8,618.52</u>
Easement	\$30,000			Total Paid to date Engineering	\$85,961.36
Remainder	\$4,000			Engineering 15% of project	
<u>Total Project cost to date</u>	<u>\$545,659.46</u>	<u>Outstanding balance</u>	<u>\$90,035.90</u>		
Total projected out of pocket \$412,309.36					

- W-3 Office building

Construction complete, certificate of occupancy has been issued. John moved in. LEED, we are moving forward with our Gold certification for LEED. We currently have 42 points, need 39. Christianne is writing up the Measurement and Verification for the LEED.

Original contract	\$421,000	Boretex	\$26,621	Engineering/Inspection	\$150,000
Change Order #1	\$44,505			Engineering/Insp. Paid	\$120,908.09
<u>Total Construction</u>	<u>\$465,505</u>			<u>Engineering Remainder</u>	<u>\$29,091.91</u>
Total Project Cost to date \$590,781.62.00, Outstanding Balance \$76,344.38					
Retainage \$45,003.25					

- Odor Control , (Tallstar and L-1)

Kiva contractors mobilized on Monday October 4, 2010

Original Contract	\$229,556	Engineering/Inspection	\$125,000
<u>V&A Consulting</u>	<u>\$44,578</u>	<u>Engineering/Insp. Paid</u>	<u>\$96,068.94</u>
Total Paid to date Engineering \$52,725.75, Total Projected cost \$354,556			

- W-3 Pumping Improvements

Waiting on O&M manuals

Original contract	\$879,900	Engineering	\$146,000
<u>Paid to date \$782,705 Engineering paid to date 145,045.45</u>			
Outstanding amount \$47,320, Engineering outstanding \$4,829.52			

- Highlands

Approved Easement

- S-4 Maintenance Building

Final Review of plans

2. Review Upcoming Projects

1. W-3 Chlorine Scrubber
2. I-4 Chlorine Scrubber

Take a tour of the W-3 Office Building.