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March 20, 2010

Board Meeting Tank Replacement
Progress Report

Harstine Island Estates Association
c/o Dean Anderson
3410 Broadmoor Dr. NE
Tacoma, WA 98422

Re: Engineering Services for Harstine Island Water System;
New Water Tank and Booster Station;

Good Morning Board Members:

This letter report summarizes the Schedule that we have made toward installing the new water storage tank and booster station.

We are a little behind the Schedule I gave Dean Anderson in late January of 2010.

CONCLUSIONS & RECOMMENDATIONS:

Based upon our findings to date, we conclude the following:

1. The new tank should be a nominal 60,000 gallon standard size tank with an inside diameter of 21.54', a height of 24.55', and be pre-manufactured and coated (15-year warrantee) for field erection-assembly.
2. The new tank must have its floor elevation 2.0-feet lower than the existing tank, due to existing ground and piping conditions. To meet the new DOH Main Pipeline minimum pressure of 35psi, the water surface in the new Tank must be at elevation 201. Therefore, the minimum new Tank height becomes 24'.

3. The Booster Station should be a complete-package unit, completely assembled in a housing, ready to be placed upon a concrete pad and placed into service when connected to the wiring and piping at the new tank site.
4. The Gorman-Rupp Booster Station is quieter and better built. The HD Fowler unit must be better constructed (to our specifications) which will bring its lower cost up close to the Gorman-Rupp cost during the formal bidding.
5. The Banner wireless equipment has been installed, tested, improved, and is now properly controlling the Well on/off, using the Tank-Level control float. (This equipment will be moved to the new Tank and Booster Station housing when the new system is placed On-Line).

SCHEDULE:

Week of 3/22/10: Complete the required Geotechnical Report and all Permit documents and submit them to Mason County and the State DOH;

Week of 4/19/10: Send out Requests for Proposals (RFP's) to:

- a. Contractors for completing all Site Work and the concrete foundations for the Tank and the Booster Station;
- b. Tank Manufacturers for fabricating and Installing the new tank;
- c. Booster Station Manufacturers for fabricating and Installing the new tank;

Week of 5/17/10: Award Contract for Site Work:

Week of 5/24/10: Award Contracts for the new Tank and Booster Station:

August 2010: Complete Installation of Tank and Booster Station, Test and certify them for placing them On-Line, and install new fence;

September 2010: Site work Contractor removes old tanks and Booster Station equipment, leaving the one tank foundation and the old Booster Station Shed in place as requested by the Kirkpatricks.