

SUNLAND WATER DISTRICT

Commissioners Meeting

April 2014

Manager's Report by Mike Langley

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## Financial Report by Celeste Lilley

### Water Reclamation Facility

- The Department of Ecology has approved the 2014 WRF Improvements Plans and Specifications. The work has been advertised with a deadline of May 2, 2014 for bid submittals. Opening will be the afternoon of the same day. Final selection and award is scheduled for the next commissioners meeting, which is scheduled for May 9th. There will be a mandatory pre-bid meeting at the WRF at 11AM on Monday, April 7, 2014.
- The new reclaimed water filter is being plumbed into the system for the existing filter.
- Troy Smith of Maple View Farms will be harvesting silage from the spray field this year. He will begin in two or three weeks. We still need to find a way to reduce the water we put out there. Troy would be interested in harvesting hay if we can develop a way to dry out the field. That would require another place to put some of the water. For the time being we will mow part of the field so that we will have a place to put some of the water during the periods Troy needs to dry the field for harvest. This will take man power but it's an attempt to meet the requirements of our crop management plan.
- SWD personnel have trapped about a dozen moles to reduce the amount of dirt getting into farmers haying equipment.

- Wednesday morning it was discovered that one of the two pumps in the main sewer lift station had failed. Upon investigation it was determined that the 25 HP motor had burnt up. This is a specialty pump and as such there is none on the shelf at the manufacturer. It would take weeks to have one built. Straits Electric knew of a Tacoma firm who could rebuild the failed motor and that the technician actually lives in the Sequim area. By five o'clock our motor was on the way to Tacoma where it would be cooked in a special oven for eighteen hours so that the windings could be removed and new windings installed. The schedule is to have the rebuilt motor and pump back by Friday afternoon and immediately installed using the well drillers rig. We will be back in normal operating mode by Friday night or Saturday morning. This pump has been in place for twenty years and has pumped 30 million gallons of raw sewage. The long range plan for this station is; to have the existing motor rewound, buy a new motor with impellor, install the new motor and impellor, and have the rebuilt motor and impellor on the shelf as backup.
- BHC Consulting Engineers are at the April Commissioners Meeting to give an update of the 2014 WRF Improvement schedule as well as a report on estimates for the construction of an infiltration basin for the class reclaimed water. The basin would provide an aquifer recharge site for beneficial use of SWD reclaimed water. A question from the District is; can we save money by incorporating this project into the already scheduled work to be completed at the WRF this summer?
- I met with Amanda Cronin of the Washington Water Trust to discuss alternative beneficial uses for the SWD reclaimed water. She thought there could be some financial assistance available for the construction of an infiltration basin, but went on to explain the limitations on that funding, as well as why the point of injection was not at the most strategic location. How it may actually make some sense to tie our reclaimed water into what Sequim is sending back to Carlsborg. If that should ever happen SWD should be compensated for putting water into an aquifer with a higher need.

I contacted our attorney, Carl Gay, just to get a legal opinion that believes that all our plans for work at the WRF are in keeping with the intent of the lease. I talked with Carl Gay on Friday, April 4, 2014 and he said he would review the lease and get back to us on Monday.

### **Meter Setters**

- Scott is installing water meter setters in Division 11 and assorted missed residences.

### **Water Consumption Metering Results**

- Readings from our water meters on occupied single family residential lots in SunLand for the last 30 days averaged **88** gallons per day. The average daily consumption, based on an annual average per connection, is **196** gallons.
- The SG&CC facility has averaged **768** gallons per day over the last 30 days, compared to a historical average daily consumption of **1014** gallons.

### **Other**

- Well No. 2 pump has been replaced and the well put back in service. We are now pumping more gallons per minute with a pump less than half the size of the old one. The District will receive an energy credit for this conservation measure. All this and still under budget!
- I attended a workshop for the Public Works Board conducted in Port Townsend on Wednesday, April 2, 2014. This workshop was for anyone interested in applying for the 2016 funding cycle.
- In response to the District's December 2013 letter to WDOH regarding the request for a metering requirement extension, I was referred to Mike Dexel, the WDOH contact for issues regarding the Water Use Efficiency Rule. Mr. Dexel confirmed Mr. Mark Mazeski's response, that there had been and will be no variances to the Rule.

Mr. Dexel went on to say that enforcement actions against those out of compliance with the Rule will be based on case by case histories. If the water user, or its purveyor, have been adamant in their intent of non-compliance then the Department would go after them. In the case where the water user and/or their purveyor can show evidence of how they are trying to comply, the Department would be inclined to allow them to proceed toward their goal of meeting compliance. SunLand Water District has already demonstrated how we're working toward the goal of Rule compliance.

