

City of Depoe Bay- Gleneden Sanitary District Wastewater Advisory Committee
Regular Meeting – Monday, July 11, 2011 – 3:00 PM
Depoe Bay City Hall

PRESENT: Monte Arehart, Brad Baines, Pete Erickson, Dorinda Goddard, Ted Lewis
ABSENT: Skip Hoytink
STAFF: Superintendents T. Owings and M. Snyder, Plant Operator G. Walls, City Recorder P. Murray

The meeting began at 3:00 PM.

The meeting opened with introductions of those present. New committee members are GSD Board members Monte Arehart and Brad Baines.

Wastewater Master Plan Update

Owings distributed copies of materials (copies attached to the original of these minutes) which he briefly reviewed, including HBH Engineering's response letter to ACE Consultant's Review of the Depoe Bay Wastewater Master Plan Update. He offered to invite HBH to attend a meeting, if the committee desired and upon approval of the expense by the City Council. Snyder asked if the city is satisfied with the flow data coming from the Fogarty Creek meter. Walls and Owings said there is no issue with the flow data.

Contract – Monthly Payments, EDU/Flow Review

Owings noted the division point at Manhole 16 should be moved to the northern boundary of the city limits, since 99.9% of that mile of sewer main is GSD usage, with only a few homes and the RV Park being Depoe Bay customers. He reported that GSD had exceeded the maximum peak flows (per Agreement) twice in 2011, reflecting I & I, the second high flow day, the city had to bypass at Pirates Cove which involves DEQ and the "no spill" policy. Snyder reported that 13 years ago, when he started at the District, the practice was to put corks in the holes of the Fogarty Creek manhole during rains. The manhole has since been raised, but during the heavy rains earlier this year it was under water, so it has been raised again another 8"-12". He added that GSD continues to work on I & I, in areas such as Laurel and Sea Grove. Owings referred to emails from Bob Pailthorp which include graphs showing rainfall/Fogarty Creek flow data comparison and electric usage/cost at the wastewater treatment plant. The rainfall/flow data chart reflects the correlation between rainfall and increased flow. The electricity charts show the reduction of power usage due to efforts by the plant operators. Equipment modifications to control pumping are a primary factor (more power is used to start/ramp-up pumps than to steadily pump). Walls said that the recently installed PID controls have reduced pump start-ups from 200-250 per week to 15 per week. Owings explained the information on electric usage is provided to show that treating I & I is more cost effective than fixing I & I. He added that DEQ requires addressing I & I, so you can't have a "do nothing" I & I policy. He referred to the article "The Case Against Volume Based Water Rates" in EWRI Currents publication, noting that while the article is about water systems, the same applies to wastewater systems. The article relates that most of what is being paid for is having the service (car) available "on demand" and not for the actual use. Arehart asked how big

cities deal with it. Owings read a portion of page 2-7 of the Master Plan Update relating to EDU and use of EDU in tourist-driven economies. Snyder noted the spikes and drops in flow over 4th of July weekend, which speaks to the tourist population impacts on systems. Erickson said a recent article in the News Times by Rick Beasley made GSD look bad and wondered where the numbers came from. He asked about equipment that is shared use between the water and sewer departments, who pays for it. Owings said the city breaks costs out to separate funds, the sewer pays for sewer use. Snyder said the water and sewer districts budget and operations are handled similarly.

GSD members confirmed that beginning July 1st the district's monthly payments to the city will be \$17,000.

Walls informed the group of new federal regulations relating to fecal counts, with a reduction from an allowed 200 down to 14. He said the new limit can be met but there will be higher costs with more UV light use and more chemicals. Owings said the city is in DEQ permit review (since 2005) so is still operating under the old permit which does not require additional testing, but DEQ is strongly suggesting the city start running the tests. New equipment will be needed, the tests cost \$50/week. Owings has presented arguments to DEQ and Mark Hamlin is looking into the possibility of exercising some latitude. Once the DEQ review is finalized and the new permit issued, there may be other new requirements.

The next committee meeting will be on Monday, October 3rd at 3:00 pm at City Hall.

There being no further business, the meeting ended at 4:20 pm.

Pery Murray, City Recorder