

2007 Summary



Hood Canal Pollution Identification and Correction Project

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Water Quality

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The Narrative:

During the first part of 2007, staff completed the HCPIC QAPP. It was turned into DOE at the beginning of February. Staff worked on onsite complaints for most of February. In March, staff worked on preparing for a community presentation and then presenting at the Belfair Timberland Library. Staff also began doing new nutrient research for the QAPP. This was because DOE would not let us use the UW's nutrient lab. Staff also attended the Puget Sound Georgia Basin conference in Vancouver BC.

In May, staff meet with TWISS Analytical Labs, which was the lab that DOE decided that we should use. Logistics and other QAPP related changes were discussed and incorporated into the QAPP. QAPP was accept by DOE at the beginning of May. We began sampling under the Centennial Clean Water Grant in May, previous sampling along Hood Canal shoreline had been done in 2005 and 2006. We meet with high school students at Twanoh State Park to discuss water quality in Hood Canal. In June, we completed sanitary surveys and a dye test at xxxxx SR 106. We attended a homeowners association meeting at colony surf and prepared for the LHCWC meeting in July.

In July, we presented to LHCWC on all of our sampling results. We started to perform our sampling in the intensive nutrient sampling area in Section H (Hoodsport area). We worked on dye tests at the Summertide and Mike's Beach Resorts. During August to September, we continued sampling in sections H and I and working on the dye tests. In September, we worked on an extension for our grant to December 2008.

Most of our time in October was spent working on proposals for the Centennial Clean Water Grant Fund. Tides were mostly uncooperative during the day to perform sampling along the shoreline. Other time was spent in the office, catching up on data entry and labeling. In November, we performed several sanitary surveys, a dye test at xxxx SR 106 and some confirmation samples. In December, we spent most of our time (that was actually in the office☺)

completing data entry and analysis. Again, there were a few days that the tides were low enough for us to obtain confirmation samples.



The Numbers:

These number reflect samples taken under the Centennial Clean Water Grant, but do not include the samples from the Annas Bay area (they will be reported on separately, by Seth). Sampling commenced at the beginning of May 2007 and continued through the end of the year.

From 5/1/07 to 12/14/07 we have sampled

12.18 miles of shoreline, which is 31% of the total shoreline sampled so far.

During this time period we have taken 756 samples, which is 59% of the total number of samples taken so far.

These do not include AB data

Of the 721 samples:

57 were elevated, which is 8% of the 721 samples that have been taken this year

Sections H, AB, I, R, S, T and 2 samples of Section Q were sampled this year.

32 Confirmations Samples have been taken

14 of the confirmations samples were elevated

2% of the total samples taken during this period had elevated confirmation samples

44% of the confirmation samples were elevated

