

San Juan Islands Conservation District

To: Brandi Lubliner, Department of Ecology
From: Linda Lyshall and Mitch Lesoing
Date: 3/30/2015
Re: Quarterly Report – Project Management Status Update

San Juan Island site: 006 OUGA

Name: False Bay Creek West Fork.

Staff gauge coordinates at Index: 48.526210, -123.099040

SJICD sampled this single site in January, February, and March. Having experienced the greatest seasonal flows the site remains accessible, wadeable, and safe for the collection of water samples, stage measures, and in situ and flow measurements. The staff gauge is stable, elevation is unchanged, and the location is serviceable.

Suitability:

Net flow remained unidirectional at the index. Side channel near the mouth of the culvert filled post rain storm events, however, left and right banks remained discernible in the 120' feet of upstream reach above the index location. No overtopping was observed and the reach remained clear of obstructions during this quarter's work.

Access:

Permissions have been successfully secured from the San Juan County Land Bank.

Monitoring Plan:

Additions to monitoring beginning in April include the following:

- Utilize 2nd stream profile location 5 meters upstream from current location.
- Record replicate in situ measurement and include an additional flow measurement at the location.
- Quanta calibration: Check temperature probe manufacture's calibration with 2 NIST external thermometers. Add additional calibration point for conductivity and pH.
- April water samples will include MS/MSD for PAH.

Deliverable 3.3

All water quality grab samples are complete for MEL and EDGE Analytical. All samples were received within laboratory holding times and within temperature requirements with the exception of a single bacteria sample shipped to Edge that exceeded 6 degrees C because of air travel communication challenges. Real-time follow-up communication system was implemented to insure temperature QA. All coolers have arrived intact with no breakage as per QAPP/ COC requirements. Please see field data sheets and EIM spreadsheet attached.