

## CONSTRUCTION OBSERVATION REPORT #21

Date: October 31, 2016

Project Title: Arizona Way Bridge Construction Project

Record by: Blake Lettenmaier, PE, PLS

Project #: PW 2016-100

Contractor: KSH Construction Co.

Location: T 1N, R 10, SECTION 22, BA, Willamette Meridian,  
Tillamook County, OR

### **Weather Conditions**

Rain

Temperature: 56 deg. F

Wind: 0-20 mph

### **Soil surface Condition**

Wet

### **Summary**

Contractor is finishing sanitary sewer work pouring concrete in bottom of manhole forming the flow channels. Stream turbidity monitoring yielded turbidity levels greater than 10% increase at the downstream compliance location. Corrective measures were taken by again instructing the contractor to move the dewatering hose output ends further from drainage ways to allow for overland filtration. Turbidity levels fell in compliance within about ½ hour. Note the upstream turbidity level from natural erosion from the amount of rain. See compliance comparisons below. Straw waddles, straw check dams, straw mulch, silt fencing, bio bags, sand bags, sediment ponds, vegetative buffer and rock covered work areas are controls and practices implemented at the start of the work. See photos below.





Stream turbidity comparisons at compliance locations



Stream turbidity comparisons at compliance locations

END



Renews: 12-31-2016

c: *City of Garibaldi Staff  
File*