

CONSTRUCTION OBSERVATION REPORT #27

Date: November 15, 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

Occasional rain and sunshine

Temperature: 55 deg. F

Wind: 0-10 mph

Soil surface Condition

Moist

Summary

Contractor is breaking open the ends of the new stream alignment letting the creek into its new course. This caused a plum of more turbid water. Tillamook Bay and the upstream monitoring point are both murky now from last night's heavy rains. The increased turbidity lasted about 23 minutes. Afterwards stream turbidity monitoring yielded turbidity levels less than 10% increase at the downstream compliance location. 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.









Tillamook Bay and School Creek turbidity levels



Stream turbidity comparisons at compliance locations (non-compliant after releasing stream into new channel)



Stream turbidity comparisons at compliance locations



Stream turbidity comparisons at compliance locations



Stream turbidity comparisons at compliance locations



Stream turbidity comparisons at compliance locations



Stream turbidity comparisons at compliance locations

END



Renews: 12-31-2016

c: City of Garibaldi Staff
File