

CONSTRUCTION OBSERVATION REPORT #18

Date: October 25, 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

Overcast

Temperature: 56 deg. F

Wind: 5-20 mph

Soil surface Condition

Moist

Summary

Contractor is excavating for last leg of sewer pipe installation and using riprap for trench bedding stabilization (provided by City). Stream turbidity monitoring yielded the same turbidity level at upstream compliance location as that of the downstream compliance location at most times. Non-compliant turbidity levels occurred when dewatering trenches. Corrective measures were taken by placing discharge hose's ends far from ditches over 3'-0" crushed rock where sediment was trapped. Turbidity levels came in to compliance very quickly. See compliance comparisons below. Straw wattles, 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



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