Summary: Marine and Environmental Monitoring Results, as of June 23, 2017

Blue= normal value or meeting standards

Orange= abnormal value or not meeting standards

Purple= within water quality standards, but variable results

Yellow = concern or fluctuating results

Reporting dates Reporting dates are two weeks delayed from monitoring dates	**Mar. 17**	**Mar. 31**	**Apr. 14**	**Apr. 28**	**May 12**	**May 26**	**Jun. 9**	**Jun. 23**
Marine Monitoring – Offshore Locations	**Plan and reports:** http://www.kingcounty.gov/depts/dnrp/wtd/system/west/west-point-restoration/marine-monitoring.aspx							
Nutrients								
Dissolved Oxygen								
Fecal Coliform								
Beach Monitoring Locations								
Fecal Coliform								
Nutrients								
Permit Required Monitoring	**Plan and reports:** http://www.kingcounty.gov/depts/dnrp/wtd/system/west/west-point-restoration/environmental-monitoring.aspx							
Effluent Monitoring								
- Total Suspended Solids					*			
- Biochemical Oxygen Demand					*			
- Chlorine					*			
- Fecal Coliform								
Whole effluent toxicity – acute test	Test conducted on March 21, 2017 (no toxicity)							
Whole effluent toxicity – chronic test	Test conducted during April 4-9, 2017 (no toxicity)							
Sediment at West Point main outfall	Supplemental sampling in June; permit-required sampling in Aug/Sep.							
Additional Monitoring	**Plan and reports:** http://www.kingcounty.gov/depts/dnrp/wtd/system/west/west-point-restoration/environmental-monitoring.aspx							
Effluent sampling for metals and organics	✓	✓	n/a	✓	✓	✓	✓	✓
Mixing discharge analysis – effects of effluent on metals, ammonia, and chlorine in Puget Sound at the outfall			✓	✓	✓		✓	
Dispersion analysis	Historical analysis (completed)							

* Effluent limitations for biochemical oxygen demand, total suspended solids, and residual chlorine were exceeded in April. However, the secondary treatment process was restored by the end of April, and other processes at West Point and the ability to comply with these effluent limits resumed on May 10th.