



Photo 1: Standing near office/entrance looking southeast. Lined pond east of concrete pipe pieces in photo.



Photo 2: Standing near office looking south. Erosion along contours of regraded, exposed area. Vegetation line is delineating disturbance boundary/wetland



Photo 3: Photo taken looking north at realigned creek discharging from wetland and heading south to Ravine. Pictured is installed French drain (perforated pipe, geotextile, riser pipe) carrying realigned creek flows.



Photo 4: Realigned creek/installed French drain. Looking south towards ravine.



Photo 5: Installed catch basin where creek/French drain terminates and discharges to ravine.



Photo 6: Stormwater flows exiting French drain to discharge to ravine.



Photo 7: Looking north – diversion pipe shown in photo. Pipe was disconnected and was not flowing at time of inspection. Red arrow shows direction and area of French drain flow. Green arrow shows disconnected end of diversion pipe.



Photo 8: Disturbed material undercutting silt fence boarding ravine, south boundary of site disturbance near creek realignment. Photo looking south into Ravine.



Photo 9: Silt fence removed along south boundary of disturbance near creek's previous alignment (east of - flowing south to ravine. Photo take looking east down southern boundary. No perimeter BMP to control sediment at top of slope.



Photo 10: East of site portions of silt fence were damaged – not properly installed or falling over. Some areas had holes at the base where undercutting had occurred from sediment and stormwater discharges.



Photo 11: Portions of improperly installed silt fence at the east boundary of site near the stockpiles – undercutting of the silt fence from sediment and stormwater discharges.



Photo 12: Looking north at temporary sediment pond holding water (red arrow). North slope of newly constructed lined pond just beyond temporary sediment pond. Additional excavated areas with standing water in foreground of photo.



Photo 13: Additional excavations to hold stormwater and groundwater seepage along east project boundary. Temporary sediment pond holding water (red arrow) observed at time of inspection.



Photo 14: East project boundary, photo taken looking north towards northeast corner of project. Dark material in photo is exposed landfill material, per conversations with Clay Grace at time of inspection.



Photo 15: Looking east at project boundary. One-inch PVC pipes from leak detection system of lined pond discharging, undercutting silt fence, and discharging down ravine. Rill erosion may be exposing landfill material and contaminating the stormwater discharging from the PVC pipes. This was corrected at the time of inspection – additional PVC pipe was added which extended over the silt fence and discharged into the vegetation, bypassing contact with landfill material.



Photo 16: Exposed landfill material on northeast project boundary. Photo looking southwest.



Photo 17: Photo taken at northeast corner of site at beginning of mudslide. Photo looking east down ravine towards landslide.



Photo 18: Looking east down ravine at active mudslide area. Silt fence in background are sections installed over mudflow.



Photo 19: Looking north, approaching the slide material from the Olympic Pipeline Easement.



Photo 20: End of mudflow where material meets the creek flows (red arrow). Looking northeast. Note surface water flowing through mudslide material.



Photo 21: Looking west up towards origin of mudslide. Machinery beyond silt fence is partially buried in slide material.



Photo 22: Photo taken looking west towards mudslide. Stormwater/groundwater seepage flows (red arrow) with some pooling water. Water is flowing east towards wetland and creek.



Photo 23: Approximate location of sample point 2 at time of inspection (red arrow) – mouth of mudslide where materials meet creek flow. Sample was 17.5 NTU.



Photo 24: Approximate location of sample point 3. Looking south towards south edge of slide material, at 3rd row of silt fence (nearest creek). Sample was 285 NTU



Photo 25: Approximate location of sample point 1 at time of inspection. Looking Northeast towards pipeline alignment and creek buffer. Note turbid flows at bottom of photo discharging northeast through wetland. Sample was 471 NTU.

