

Date: June 12, 2016

To: David Anderson, Manager
Eastern Region Cleanup Program

From: Bob Schwarz, Project Manager
Eastern Region Cleanup Program

Subject: Mosier spill – project status

This report summarizes work conducted to date and work planned for the upcoming week.

Rail cars. All rail cars have been removed from site.

Excavation/offsite disposal of contaminated soil. Contaminated soil in the area between Highway 30 and the rail line was removed to the extent feasible, given concerns for structural stability of the rail line and the highway. Additional soil excavation will resume once we have approval to dig into the old historic highway (Highway 30). Based on discussions with ODOT, we believe we will have that approval by Tuesday, June 14. We anticipate one to two days of excavation in the road. If necessary, this work will continue 24 hours per day to minimize the amount of time that the road must be closed.

Installation of new sewer line. The existing sewer line to the wastewater treatment plant, from upstream of the impacted area to the plant, was removed on Saturday, June 11, during excavation of contaminated soil between the highway and the rail line. The new sewer line will run beneath Highway 30, per instructions from the City. This will be installed during removal of contaminated soil beneath the highway. Assuming we have approval to dig in the road by Tuesday, this should be completed by end of Tuesday or Wednesday (June 14 or 15).

Wastewater treatment plant. We anticipate that the wastewater treatment plant will be operating again on Wednesday or Thursday, June 15 or 16.

Extraction of contaminated groundwater. We will install one or two groundwater extraction wells on Monday, June 13. This will serve to pump out contaminated groundwater and separate-phase oil (if found). The other purpose of the pumping will be to induce groundwater flow towards the well to reduce the risk of groundwater contamination heading downhill (north) toward the river.

Groundwater monitoring. We will install approximately six groundwater monitoring wells, most of which will be placed in a line north of and parallel to the rail line. This will begin after the groundwater extraction wells (at the crash site) are installed, likely on Tuesday, June 14. The first round of groundwater monitoring will be collected sometime this week.

Surface water sampling. Daily surface water sampling in the Columbia River began on Sunday, June 5 and continues. Lab results show that contaminant levels are below risk screening levels for human and ecological receptors. In other words, the water in the Columbia is safe. As we continue to evaluate surface water results during the coming week, we will determine whether we can reduce the sampling frequency. The outer-most boom enclosing the potentially impacted area of the river has been removed. Booms to contain contaminants coming from Rock Creek and the wastewater effluent line remain in place.