

PREASSESSMENT SCREENING OIL SPILL REPORT FORM

Date of Incident: December 13, 2019

Potential Liable Party: Chelan County PUD

Product Spilled: Hydraulic Oil

Spill Source: Rocky Reach Dam (Power Generation Utility)

Oil Spill Size Estimate: 31 gallons

Water Body Affected: Columbia River

Ecology Region: CRO

County: Chelan

Nearest City: Wenatchee

Location of Spill: Rocky Reach Dam

Cause: Inadequate Maintenance, Mechanical Failure

Ecology Responder: Anna Harris

Incident Summary: On December 10, 2019, unit C3 at Rocky Reach Dam was taken out of service for a planned inspection following installation of new trunnion seals. While draining the hub, mechanics identified approximately 9 gallons of water suggesting oil had been displaced and the new trunnion seals were not performing as desired. By measuring the remainder of the oil in the hub and calculating oil volumes in the governor system, it was determined that approximately 31 gallons of hydraulic oil was absent from the system. On December 13, 2019, Chelan PUD notified Department of Ecology and the National Response Center that approximately 31 gallons of hydraulic oil was presumed discharged to the Columbia River. Since start of operation in November 18, 2019 there was no indication of any oil loss observed in tailrace inspections or governor oil volume calculations. The hub of Unit C3 remained drained of oil to prevent any further risk of discharge to the river, and blades were locked in place until permanent repairs can be made.