

MEMORANDUM FOR THE RECORD

**COORDINATION TITLE** – 18FOS02 MFR Foster Dam Oil Release

**NOTIFICATION DATE** – 22 March 2018

**PROJECT** – Foster Dam

**RESPONSE DATE** – 09 April 2018

**Description of the problem** – There was a release of oil (estimated volume of 5 gallons) from a turbine unit (sump) at Foster Dam into the tailrace on February 17 after both units were forced out of service. This was caused by a temporary loss of station service due to a transmission line causing turbine both units to trip. This resulted in high water in turbine pits flooding a bearing tub. Once power was restored, water was pumped to a powerhouse sump then to the river. The powerhouse sump has some oil/water separator capabilities, however, a sheen was observed in the tailrace. Thereafter, crews placed absorbent boom in the sump and the tailrace for containment. An indeterminate amount of oil was absorbed in the boom, the rest being non-recoverable.

**Impact on facility operation** – Both units were forced out of service and station service was not available.

**Dates of impacts/repairs** – March 17, 08:06 to March 19, 02:20

**Expected impacts on fish** – There were no discernable impacts.

**Comments from agencies**

-----Original Message-----

From: Walker, Christopher E CIV USARMY USACE (US)

Sent: Thursday, March 22, 2018 4:12 PM

To: WFPOM

Subject: Oil release, Foster Dam

All,

There was an oil release (est. volume: 5 gallons) into the tailrace on 3/17 at Foster Dam. An MFR will be sent with additional info.

Chris Walker

U.S. Army Corps of Engineers

Operations Division

Fish Biologist

w: 503-808-4316

c: 503-887-6452

Please email or call with questions or concerns.

Thank you,

Chris Walker

NWP Operations Division Fishery Section

Willamette Fish Operations Biologist  
503.808.4316  
[Christopher.E.Walker@usace.army.mil](mailto:Christopher.E.Walker@usace.army.mil)