

MEMORANDUM FOR THE RECORD

SUBJECT: 23BON021 MFR T11 Line Outage

At 2200 on 17 May, BPA force BON line 3 out of service, due to an oil leak at the North Bonneville Substation. At 2310, BON T11 was forced out of service. T11 includes units 11, 12, 13, and 14. This resulted in a lack of attraction flow to the south end of PH2, both for the adult fishway and for the B2CC. There is a risk of increased predation caused by pinnipeds near the fishway entrances.

Involuntary spill pushed the spill volume to 251 kcfs. This increase of spill can lead to high total dissolved gas (TDG) levels in the river. Fish exposed to supersaturated TDG levels may develop gas bubble trauma (GBT), which can be lethal.

On 18 May, at 1300, BPA will force line 2 out of service, this will include units 5-8, to return line 3 to service. This will force an increase in spill due to unit unavailability. All units are expected to return to service by 1330 on 18 May. Spill is expected to return to normal levels once units have returned to service.

UPDATE:

At 1343 on 18 May, RC3 was restored and Units 11-14 returned to service. At 0900 on 19 May, Units 5-8 returned to service. As of 1045 on 19 May, spill was able to be reduced to 183 kcfs.

Sincerely,
BON Project Fisheries