

Table 1. Pertinent Data for Fish Facility Inspections in 2013 at BONNEVILLE DAM.

CRITERIA ITEMS	DATE OF INSPECTION									
	<u>15-Mar</u>	<u>12-Apr</u>	<u>10-May</u>	<u>7-Jun</u>	<u>5-Jul</u>	<u>2-Aug</u>	<u>26-Sep</u>	<u>25-Oct</u>	<u>22-Nov</u>	
<u>Bradford Island Fishway</u>										
<u>Bradford Island Entrances</u>										
Criteria: (Head Differ. = 1.0-2.0 ft); (Weir Depth + 8 ft or >); (Depth over ladder weirs = 1-1.3 ft); (Velocity + 1.5-4.0 ft)										
Head at A-Branch entrance	ft	1.2	1.8	0.9	1.2	1.2	1.3	2.1	1.4	1.6
Depth over Gate 64/65	ft	7.1	8.6	8.4	1.8	8.8	8.1	6.5	6.8	8.4
Head at South ph entrance	ft	0.1	1.3	0.7	1.0	1.4	1.4	1.6	1.0	0.9
Depth over Gate 1/2	ft	2.5	12.2	11.6	10.4	9.4	9.1	6.4	7.2	8.8
Channel Velocity	fps	2.6	2.6	2.0	2.5	2.6	2.5	2.8	2.6	2.5
Depth- Bradford Is. ladder weirs	ft	1.1	1.0	1.0	1.3	1.0	1.0	1.0	1.1	1.0
Depth - A-Branch ladder weirs	ft	1.2	1.1	1.1	1.4	1.1	1.1	1.1	1.1	1.1
Exit clean (Yes or No)		yes	yes	yes	yes	yes	yes	yes	yes	yes
<u>B-Branch Entrance</u>										
Head at B Branch entrance	ft	1.7	1.5	1.3	1.1	NA	1.6	0.8	1.3	1.5
Staff gages clean		no	yes	yes	yes	no	no	yes	yes	yes
Depth over ladder weir	ft	1.0	1.1	1.0	1.3	1.0	1.1	1.0	1.0	1.1
<u>Cascades Island Entrance</u>										
Head at main entrance	ft	1.6	1.4	1.5	1.5	NA	1.6	1.5	1.5	1.5
Staff gages clean		no	yes	yes	no	no	no	no	yes	no
Depth over ladder weir	ft	1.0	1.0	1.1	1.3	1.0	0.9	1.0	1.0	1.0
<u>Washington Shore Fishway</u>										
<u>WA Shore Entrance:</u>										
Depth over entrance weir (Criteria = 13.0 ft or >)										
NUE	ft	11.4	13.0	13.5	13.5	13.6	11.7	9.7	NA	closed
NDE	ft	11.3	13.1	13.7	13.4	13.7	11.7	9.7	NA	11.0
SUE	ft	11.3	13.0	13.7	13.4	13.5	12.7	9.6	8.8	12.1
SDE	ft	11.3	13.0	13.8	14.5	14.7	12.7	8.7	7.8	11.0
Head at entrance (Criteria = 1.0-2.0 ft)										
NUE	ft	1.8	2.1	2.4	1.7	1.4	1.5	1.8	NA	NA
NDE	ft	1.3	1.8	2.1	1.6	1.2	1.3	1.5	NA	1.4
SUE	ft	1.2	1.5	1.8	1.4	1.2	1.2	1.0	1.1	1.0
SDE	ft	1.1	1.6	1.8	1.1	NA	1.0	0.8	1.0	2.0
Depth over ladder weir (67)	ft	0.9	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.0
Channel Velocity (Elect. Meter)		NA	NA	NA	NA	NA	NA	NA	2.3	NA
Ladder exit clean		yes	yes	yes	yes	yes	yes	yes	No	yes
Staff gages clean		yes	yes	yes	yes	no	yes	yes	yes	yes
Comment # (if applicable)		1	2			3	4	5	6	7
Comments:										
1. PH1 south entrance differential low-notified project.										
2. Casc. Is. Side entrance banging loudly.										
3. B-branch and Cascade Island PLC OOS, multiple dirty/missing staff gauges, no readings obtained at multiple locations.										
4. PH1 staff gauges unreadable, ITS openings low,										
5. No Readable TW gauge for CI Fishway										
6. NUE and NDE closed for lamprey flume work, DSM out and only south FOG in operation due to lamprey work, PH2 exit not clean, F2 OOS for rehab.										
7. PH 1 tailwater staff gauges not visible, FV 3-9 needed cleaning, Fish Unit #2 (F2) OOS for re-hab, floating orifices and NUE closed for F2 work.										