

Table 1. Pertinent Data for Fish Facility Inspections in 2012 at BONNEVILLE DAM.

CRITERIA ITEMS	DATE OF INSPECTION									
	<u>2-Mar</u>	<u>27-Apr</u>	<u>10-May</u>	<u>22-Jun</u>	<u>6-Jul</u>	<u>3-Aug</u>	<u>14-Sep</u>	<u>24-Oct</u>	<u>23-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	1.5	1.5	1.9	1.8	1.7	1.6	1.7	1.8	2.0
Depth over Gate 64/65	ft	8.8	8.5	8.2	8.2	8.4	8.2	5.8	6.9	8.4
Head at South ph entrance	ft	1.1	1.7	1.7	1.5	1.4	1.0	1.1	0.9	0.8
Depth over Gate 1/2	ft	10.4	10.4	10.1	10.2	10.3	9.2	6.2	7.6	9.0
Channel Velocity	fps	2.5	2.0	2.1	2.1	2.0	2.6	2.8	2.8	2.5
Depth- Bradford Is. ladder weirs	ft	1.0	1.0	1.0	1.1	1.3	1.1	1.0	0.6	0.6
Depth - A-Branch ladder weirs	ft	1.1	1.2	1.0	1.3	1.3	1.0	1.0	1.2	1.3
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	1.9	1.8	1.4	1.6	1.1	1.6	1.5	OOS	OOS
Staff gages clean		no	yes	yes	yes	yes	yes	yes	OOS	OOS
Depth over ladder weir	ft	1.0	?	1.0	1.3	1.2	1.0	1.0	OOS	OOS
<u>Cascades Island Entrance</u>										
Head at main entrance	ft	1.7	1.7	1.7	1.9	1.4	No Reading	1.5	1.7	No reading
Staff gages clean		yes	yes	no	yes	yes	no	yes	no	no
Depth over ladder weir	ft	1.0	0.9	1.0	1.2	1.2	1.0	0.9	0.9	0.9
<u>Washington Shore Fishway</u>										
<u>WA Shore Entrance:</u>										
Depth over entrance weir (Criteria = 13.0 ft or >)										
NUE	ft	13.7	13.4	12.5	12.9	closed	14.4	8.5	9.8	OOS
NDE	ft	?	13.4	12.5	12.9	13.2	12.5	9.0	?	OOS
SUE	ft	13.5	13.3	12.3	12.9	13.1	13.3	8.4	9.5	OOS
SDE	ft	13.5	13.2	12.4	12.8	13.2	13.5	8.5	9.5	OOS
Head at entrance (Criteria = 1.0-2.0 ft)										
NUE	ft	1.3	2.2	1.4	1.9	closed	1.3	1.3	1.6	OOS
NDE	ft	?	1.8	1.2	1.6	0.4	1.0	1.6	?	OOS
SUE	ft	1.2	1.3	1.1	1.5	0.4	0.8	1.1	1.1	OOS
SDE	ft	0.9	1.0	1.2	1.4	0.3	?	1.0	1.0	OOS
Depth over ladder weir (67)	ft	0.9	1.0	1.0	1.1	1.0	0.9	1.0	1.0	OOS
Channel Velocity (Elect. Meter)		NA	NA	NA	NA	NA	NA	NA	NA	OOS
Ladder exit clean		Yes	no	yes	yes	yes	yes	yes	yes	OOS
Staff gages clean		No	yes	yes	yes	yes	yes	No	No	OOS
Comment # (if applicable)		1	2	3	4	5	6	7	8	
Comments:										
1. PH1 Tailwater staff gauges missing, no reading from NDE tailwater.										
2. B-branch staff gauge submerged, Washington shore exit needs cleaning.										
3. Cascades Island tailwater gauge missing.										
4. F1 OOS, Washington Shore fishway out of criteria, project adjusting per FPP.										
5. CI Fishway missing tailwater gauge, computer reading for TW and entrance pool incorrect- transducer problem.										
6. CI TW gauge missing, B-Branch FG 4-4 OOS, many staff gauges hard to read at PH2.										
7. B-branch OOS for FV4-4 repair										
8. FV 1-1 trashrack clogged with debris (18 in of head), CI tailwater sensor not reading right (no CI TW gauge), B-Branch OOS for FV 4-4 work, all Washington Shore Fishways OOS for lamprey entrance work.										