

Table 1. Pertinent Data for Fish Facility Inspections in 2014 at BONNEVILLE DAM.

CRITERIA ITEMS	DATE OF INSPECTION									
	14-Mar	11-Apr	9-May	20-Jun	18-Jul	15-Aug	12-Sep	10-Oct	17-Nov	
Bradford Island Fishway										
Bradford Island Entrances										
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	1.3	1.1	1.1	0.9	0.9	1.1	1.3	1.4	1.6
Depth over Gate 64/65	ft	8.2	8.6	8.2	8.5	8.4	8.2	4.0	6.7	8.8
Head at South ph entrance	ft	1.8	1.5	1.4	1.5	1.7	1.6	1.6	1.3	1.1
Depth over Gate 1/2	ft	10.5	10.7	11.9	9.1	9.2	9.3	3.0	6.7	9.0
Channel Velocity	fps	2.3	2.2	2.5	2.1	2.5	2.5	2.0	2.8	2.6
Depth- Bradford Is. ladder weirs	ft	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	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)		no	yes	no	yes	yes	yes	yes	yes	no
B-Branch Entrance										
Head at B Branch entrance	ft	0.2	1.7	1.6	3.9	1.6	1.6	1.4	1.4	1.3
Staff gages clean		no	no	no	no	no	yes	no	yes	yes
Depth over ladder weir	ft	1.1	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0
Cascades Island Entrance										
Head at main entrance	ft	1.8	1.5	1.0	1.5	1.2	1.8	1.4	1.5	1.2
Staff gages clean		no	no	no	no	no	no	no	no	no
Depth over ladder weir	ft	1.0	0.9	0.9	1.2	0.9	0.9	1.0	0.9	0.9
Washington Shore Fishway										
WA Shore Entrance:										
Depth over entrance weir (Criteria = 13.0 ft or >)										
NUE	ft	closed	14.5	13.2	13.9	14.5	13.4	7.5	10.9	12.8
NDE	ft	?	14.5	13.2	13.9	?	12.4	?	?	?
SUE	ft	11.2	14.3	13.1	13.7	14.3	12.4	5.5	9.7	10.5
SDE	ft	11.5	13.5	13.2	13.0	14.3	11.5	?	?	10.2
Head at entrance (Criteria = 1.0-2.0 ft)										
NUE	ft	1.2	2.0	1.8	1.4	1.4	1.8	1.7	1.6	1.7
NDE	ft	?	1.9	1.6	1.5	?	1.4	?	?	?
SUE	ft	1.2	1.7	1.4	1.4	1.1	1.1	1.2	1.2	1.1
SDE	ft	?	?	1.3	1.0	1.0	0.9	?	?	1.2
Depth over ladder weir (67)	ft	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
Channel Velocity (Elect. Meter)		2.0	2.5	2.5	2.2	2.2	2.5	2.5	2.3	2.7
Ladder exit clean		yes	yes	yes	yes	yes	yes	yes	yes	yes
Staff gages clean		no	yes	yes	yes	yes	yes	no	no	no
Comment # (if applicable)		1	2	3	4	5	6	7		8
Comments:										
1. BI exit dirty, F-9 open beyond scale, several staff gauges a PH2 unreadable, F2 OOS for overhaul, B2CC main avian line down.										
2. PH1 SCh staff gauge broken, B-branch and CI TW gauges missing, SDE channel gauge broken.										
3. BI exit dirty, PH1 SCh staff gauge broken, B-branch and CI TW gauges missing.										
4. B-branch PLC incorrect TW reading, staff gauges missing/broken on spillway.										
5. PH1 South channel staff gauge broken.										
6. PH1 TW gauge and S. Collection channel gauge not readable, CI TW gage not readable, Velocity meter should be lowered.										
7. BI and CI picketed leads not clean, spillway TW gauges missing or not readable- same problem at SDE and NDE TW.										
8. Multiple staff gauges missing/broken, BI exit had lots of sticks, Wash Shore count window needs cleaning.										