

Table 1. Pertinent Data for Fish Facility Inspections in 2016 at BONNEVILLE DAM.

CRITERIA ITEMS	DATE OF INSPECTION								
	<u>25-Mar</u>	<u>8-Apr</u>	<u>6-May</u>	<u>3-Jun</u>	<u>15-Jul</u>	<u>12-Aug</u>	<u>9-Sep</u>	<u>21-Oct</u>	
<i>Bradford Island Fishway</i>									
<i>Bradford Island Entrances</i>									
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	1.6	1.4	1.6	1.8	1.5	1.6	1.7
Depth over Gate 64/65	ft	8.2	8.4	8.7	8.4	8.1	8.6	3.9	8.4
Head at South ph entrance	ft	1.0	1.3	1.1	1.4	1.3	0.9	1.3	1.1
Depth over Gate 1/2	ft	9.3	10.4	10.7	10.1	9.7	9.3	3.4	9.2
Channel Velocity	fps	2.5	2.4	2.5	2.5	2.8	2.8	1.5	2.6
Depth- Bradford Is. ladder weirs	ft	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0
Depth - A-Branch ladder weirs	ft	1.1	1.0	1.1	1.3	1.1	1.1	1.0	1.1
Exit clean (Yes or No)		yes	yes	yes	yes	yes	no	yes	yes
B-Branch Entrance									
Head at B Branch entrance	ft	1.7	1.2	1.3	1.2	1.2	1.2	2.1	1.0
Staff gages clean		no	no	no	no	no	no	yes	yes
Depth over ladder weir	ft	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0
Cascades Island Entrance									
Head at main entrance	ft	1.6	1.5	1.3	1.5	1.9	1.3	1.8	1.6
Staff gages clean		no	no	no	no	no	no	no	no
Depth over ladder weir	ft	1.0	0.9	1.0	1.3	1.0	1.0	1.0	0.9
<i>Washington Shore Fishway</i>									
WA Shore Entrance:									
Depth over entrance weir (Criteria = 13.0 ft or >)									
NUE	ft	13.2	14.0	14.6	13.6	14.4	14.3	5.0	12.5
NDE	ft	13.2	14.2	13.7	13.6	12.9	13.9	4.9	11.0
SUE	ft	13.2	13.6	13.6	13.6	12.2	12.7	5.1	12.3
SDE	ft	13.2	13.6	13.6	13.5	12.3	12.5	5.0	12.4
Head at entrance (Criteria = 1.0-2.0 ft)									
NUE	ft	1.2	1.2	1.5	1.4	1.1	1.6	1.2	1.7
NDE	ft	1.0	1.0	1.1	1.2	1.1	1.3	1.3	1.1
SUE	ft	1.0	1.2	1.0	1.0	1.1	1.1	1.1	0.9
SDE	ft	0.9	1.1	0.9	1.0	0.9	1.1	1.3	1.1
Depth over ladder weir (67)	ft	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0
Channel Velocity (Elect. Meter)		OOS	2.3	2.3	2.3	2.3	2.3	2.5	2.5
Ladder exit clean		yes	yes	yes	yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes	yes
Comment # (if applicable)		1	2	2	2	2	3	4	
Comments:									
1. No tailwater staff gauges for bradford, bbranch, or Cascades Is ladders. ACCH velocity meter not in service.									
2. No tailwater staff gauges for bradford, bbranch, or Cascades Is ladders.									
3. No tailwater staff gauges for bradford, bbranch, or Cascades Is ladders, bradford exit needed cleaning.									
4. F2 off due to low tailwater and AWS needs.									