

Table 1. Pertinent Data for Fish Facility Inspections in 2017 at BONNEVILLE DAM.

<u>CRITERIA ITEMS</u>	<u>DATE OF INSPECTION</u>		
<u>Bradford Island Fishway</u>	<u>10-Mar</u>	<u>7-Apr</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	1.8	1.6
Depth over Gate 64/65	ft	9.4	10.1
Head at South ph entrance	ft	1.2	1.2
Depth over Gate 1/2	ft	13.3	17.2
Channel Velocity	fps	2.4	1.5
Depth- Bradford Is. ladder weirs	ft	1.0	1.1
Depth - A-Branch ladder weirs	ft	1.1	1.8
Exit clean (Yes or No)		yes	yes
B-Branch Entrance			
Head at B Branch entrance	ft	1.1	1.5
Staff gages clean		yes	yes
Depth over ladder weir	ft	1.0	flooded
Cascades Island Entrance			
Head at main entrance	ft	1.8	1.3
Staff gages clean		yes	yes
Depth over ladder weir	ft	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	13	11.5
NDE	ft	14.0	12.6
SUE	ft	14.9	15.5
SDE	ft	12.9	11.5
Head at entrance (Criteria = 1.0-2.0 ft)			
NUE	ft	1.7	1.2
NDE	ft	1.4	0.9
SUE	ft	1.8	1.0
SDE	ft	1.7	1.0
Depth over ladder weir (67)	ft	1.0	1.0
Channel Velocity (Elect. Meter)		2.3	2.0
Ladder exit clean		yes	yes
Staff gages clean		yes	yes
Comment # (if applicable)		1	2
Comments:			
1. All avian lines not installed.			
2. A brach ladder flooded, PH1 collection channel to slow, both spillway side entrances overtopping/banging around, gatewells 15b 15c and 18 a too quiet for an operating unit.			