

Table 1. Pertinent Data for Fish Facility Inspections in 2007 at BONNEVILLE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
	<u>13-Mar</u>	<u>20-Apr</u>	<u>4-May</u>	<u>15-Jun</u>	<u>13-Jul</u>	<u>10-Aug</u>	<u>16-Sep</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	1.3	1.8	1.5	1.4	1.4	1.3	0.8
Depth over Gate 64/65	ft	8.6	8.3	8.3	8.7	8.4	8.2	5.3
Head at South ph entrance	ft	1.3	1.3	1.0	1.2	1.6	1.6	1.5
Depth over Gate 1/2	ft	10.5	10.8	10.7	9.7	9.3	9.1	4.6
Channel Velocity	fps	2.5	2.5	2.2	2.5	2.3	2.3	2.3
Depth- Bradford Is. ladder weirs	ft	1.1	1.1	0.9	1.0	1.1	1.1	1.0
Depth - A-Branch ladder weirs	ft	0.5	1.2	1.1	1.2	1.3	1.3	1.2
Exit clean (Yes or No)		no	yes	yes	yes	yes	yes	yes
<u>B-Branch Entrance</u>								
Head at B Branch entrance	ft	2.4	1.4	1.7	1.8	1.5	1.1	1.0
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Depth over ladder weir	ft	0.7	1.0	0.9	1.1	1.1	1.2	1.0
<u>Cascades Island Entrance</u>								
Head at main entrance	ft	3.1	1.7	1.6	3.0	1.7	1.8	1.4
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Depth over ladder weir	ft	1.0	1.0	1.0	1.3	no reading	1.2	1.1
<u>Washington Shore Fishway</u>								
<u>WA Shore Entrance:</u>								
Depth over entrance weir (Criteria = 13.0 ft or >)								
NUE	ft	14.4	13.7	14.0	14.6	15.0	13.0	8.1
NDE	ft	?	13.7	13.0	13.7	14.0	11.9	7.0
SUE	ft	14.4	14.0	13.9	14.0	14.7	13.0	8.0
SDE	ft	13.2	13.0	13.9	13.7	13.9	11.9	6.1
Head at entrance (Criteria = 1.0-2.0 ft)								
NUE	ft	1.2	2.1	?	1.9	2.0	2.1	1.8
NDE	ft	?	1.8	1.8	1.7	1.6	2.0	1.5
SUE	ft	1.6	1.5	1.6	1.5	1.8	1.3	1.2
SDE	ft	1.4	1.2	1.5	1.1	1.1	1.2	1.0
Depth over ladder weir (67)	ft	0.9	0.9	1.0	1.0	1.0	1.0	0.9
Channel Velocity (Elect. Meter)		na	na	na	na	na	na	na
Ladder exit clean		yes	no	yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment # (if applicable)		1	2	3	4	5		

Comments:

- Bradford Island Exit plugged with debris, A-Branch, BI Wier and wier 67 too low.
- Weir 67 too low and washington exit needed cleaning.
- Count window needed cleaning,
- Lower count window at bradford island fishway needed cleaning
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