

Table 8. Pertinent Data for Fish Facility Inspections in 2011 at LOWER GRANITE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
	27-Apr	18-May	30-Jun	31-Jul	27-Aug	18-Sep	25-Oct	
SOUTH SHORE FISHWAY								
South Shore Entrance								
<u>Depth over entrance weirs</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.2	8.2	8.2	8.2	7.7	8.2	8.2
SSE-2 (Criteria = 8 ft or >)	ft	8.2	8.2	8.2	8.2	7.7	8.2	8.2
Head at SSE-1 & 2 (Crit. = 1 - 2 ft)	ft	1.4	1.3	1.8	1.7	1.0	1.4	1.5
Depth over ladr. Weir (Crit.= 1-1.3 f	ft	1.1	0.9	0.8	1.1	1.2	1.2	1.2
Channel velocity (Crit. = 1.5-4 fps)	fps	2.0	2.2	2.4	2.0	1.9	2.2	2.6
Channel velocity (n shore)	na	na	1.6	2.0	1.7	1.2	na	na
Ladder exit clean (yes or no)	yes	yes	yes	yes	no	yes	no	no
Staff gages clean (yes or no)	yes	yes	yes	yes	yes	yes	yes	yes
Picket leads clean (yes or no)	yes	no	yes	yes	yes	yes	yes	yes
North Powerhouse Entrance:								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 8 ft or >)		6.8	8.2	8.3	5.6	4.9	6.3	7.9
NPE-2 (Criteria = 8 ft or >)		6.8	8.2	8.2	5.6	4.9	6.4	8.0
Head at NPE-1&2 (Criteria = 1-2 ft)		1.0	1.1	1.3	1.5	1.3	1.4	1.3
Gate on sill (Yes or No)		yes	no	no	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
North Shore Entrance:								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 7 ft or >)		5.2	5.1	9.5	5.0	6.9	5.9	7.7
NSE-2 (Criteria = 7 ft or >)		5.1	5.1	5.1	5.1	5.0	5.1	5.0
Head at NSE-1&2 (Criteria = 1-2 ft)		1.3	2.2	2.6	1.2	1.2	1.1	0.8
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	1	1,2	1,3	1,3,4	1,5	1,3,4

Comments:

1. Mirror needs attention, could not see channel attraction lighting at NPE
2. Broken cable at NSE-1- manually positioned, diffuser 14 slightly below criteria
3. Broken cable at NSE-1- manually positioned
4. Some debris at exit
5. Suspect erroneous reading for NorthPowerhouse velocity measurement.