

Table 8. Pertinent Data for Fish Facility Inspections in 2012 at LOWER GRANITE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
	18-Apr	22-May	26-Jun	26-Jul	25-Aug	27-Sep	26-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	8.0	8.1	8.2	8.2
SSE-2 (Criteria = 8 ft or >)	ft	8.2	8.2	8.2	8.0	8.2	8.2	8.2
Head at SSE-1 & 2 (Crit. = 1 - 2 ft)	ft	1.6	1.5	1.6	1.4	1.1	1.3	1.5
Depth over ladr. Weir (Crit.= 1-1.3 f	ft	1.0	1.0	1.0	1.2	1.2	1.3	1.2
Channel velocity (Crit. = 1.5-4 fps)	fps	2.3	2.2	2.5	2.3	3.2	2.5	2.3
Channel velocity (n shore)	na	na	na	1.9	na	2.7	1.8	
Ladder exit clean (yes or no)		No	No	No	No	No	No	No
Staff gages clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
Picket leads clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
North Powerhouse Entrance:								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 8 ft or >)		7.0	7.9	6.6	4.7	5.1	5.5	8.0
NPE-2 (Criteria = 8 ft or >)		7.0	7.9	6.6	4.7	5.0	5.5	8.1
Head at NPE-1&2 (Criteria = 1-2 ft)		1.2	1.2	2.2	1.4	1.4	1.2	0.9
Gate on sill (Yes or No)		yes	yes	yes	yes	yes	yes	No
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 >)		1.8	5.1	5.1	3.7	4.8	3.5	5.2
NSE-2 (Criteria = 7 ft or >)		6.8	8.5	6.7	4.5	4.5	6.3	10.1
Head at NSE-1&2 (Criteria = 1-2 ft)		0.6	0.9	1.2	1.1	1.0	0.6	0.9
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3	4	1	5	

Comments:

1. Surface and sub-surface debris at exit, mirror replaced but could not see channel lights.
2. Adjusted angle on mirror-lights appeared burned out.
3. Could not see channel lights at NPE, did see at NSE- electricians checking loads to see if bank of lights off.
4. Fishway exit differential at Max (0.5ft), project will conduct underwater inspection of exit.
5. Surface debris at exit, differential at 0.4 feet (max=0.5ft).