

Table 8. Pertinent Data for Fish Facility Inspections in 2013 at LOWER GRANITE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
		<u>16-Apr</u>	<u>20-May</u>	<u>17-Jun</u>	<u>29-Jul</u>	<u>30-Aug</u>	<u>27-Sep</u>	<u>31-Oct</u>
SOUTH SHORE FISHWAY								
<i>South Shore Entrance</i>								
<u>Depth over entrance weirs</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.2	8.2	7.8	8.1	9.1	8.1	8.2
SSE-2 (Criteria = 8 ft or >)	ft	8.2	8.2	7.9	8.1	9.1	8.2	8.2
Head at SSE-1 & 2 (Crit. = 1 - 2 ft)	ft	1.5	1.5	1.7	1.1	1.0	1.2	1.1
Depth over ladr. Weir (Crit.= 1-1.3 ft)	ft	1.2	1.2	1.3	1.3	1.2	1.3	1.3
Channel velocity (Crit. = 1.5-4 fps)	fps	>2.0	2.4	2.3	2.4	2.8	2.2	1.9
Channel velocity (n shore)	na		1.5	2.0	1.7	1.4	1.6	1.5
Ladder exit clean (yes or no)	yes	yes	yes	yes	yes	yes	yes	yes
Staff gages clean (yes or no)	yes	yes	yes	no	yes	yes	yes	yes
Picket leads clean (yes or no)	yes	yes	yes	yes	yes	yes	yes	yes
<i>North Powerhouse Entrance:</i>								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 8 ft or >)		5.7	6.7	5.1	5.1	5.7	8.3	8.2
NPE-2 (Criteria = 8 ft or >)		5.7	6.7	5.1	5.1	5.8	8.2	8.2
Head at NPE-1&2 (Criteria = 1-2 ft)		1.5	1.2	1.1	0.9	1.2	0.8	0.7
Gate on sill (Yes or No)	yes	yes	yes	yes	yes	yes	no	yes
Staff gages clean	yes	yes	yes	yes	yes	yes	yes	yes
<i>North Shore Entrance:</i>								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 7 ft or >)		6.0	7.1	4.8	6.0	5.1	5.1	5.1
NSE-2 (Criteria = 7 ft or >)		5.1	5.1	2.9	3.2	3.4	7.0	6.5
Head at NSE-1&2 (Criteria = 1-2 ft)		1.4	1.0	1.4	0.6	0.9	0.8	0.2
Staff gages clean	yes	yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)			1	2	3	4	5	6

Comments:

1. No attraction lighting visible at NPE entrance, NSE manually positioned at 630 feet. Decreased flow from floating orifice gate #1.
2. NSE2 manually positioned at 630 ft.
3. Staff gauge at SSE channel above water, NSE-2 fixed at 630 ft, discharge at FOG-1 appeared less forceful than ordinary, moderate sized eddy near SSE, project operating two additional pumps for high ladder temps.
4. Cracked mirror at NPE replaced attraction lighting still not visible, ladder exit obscured by established shubery, exit differential did not indicate problem, adult trap remains OOS.
5. Head differentials at NPE and NSE did not meet criteria, NSE-1 did not meet gate depth criteria, NSE-2 fixed at elevation 630 ft, ladder exit had vegetation but exit differential within criteria.
6. Head differentials at NPE and NSE did not meet criteria, COE Biologist reported to operators. Did not see attraction lighting in channel under spillway via the mirror.