

Table 8. Pertinent Data for Fish Facility Inspections in 2015 at LOWER GRANITE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
		<u>25-Apr</u>	<u>31-May</u>	<u>26-Jun</u>	<u>30-Jul</u>	<u>31-Aug</u>	<u>14-Sep</u>	<u>23-Oct</u>
SOUTH SHORE FISHWAY								
<i>South Shore Entrance</i>								
<u>Depth over entrance weirs</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.1	8.2	8.2	8.2	8.2	8.2	8.2
SSE-2 (Criteria = 8 ft or >)	ft	8.1	8.2	8.2	8.2	8.2	8.2	8.3
Head at SSE-1 & 2 (Crit. = 1 - 2 ft)	ft	1.1	1.0	0.9	1.1	1.2	1.3	1.2
Depth over ladr. Weir (Crit.= 1-1.3 ft)	ft	1.1	1.0	na	1.2	1.0	1.2	1.2
Channel velocity (Crit. = 1.5-4 fps)	fps	2.6	2.9	2.7	2.3	2.4	2.1	2.3
Channel velocity (n shore)		1.3	na	na	1.0	0.9	0.8	0.8
Ladder exit clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
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
<i>North Powerhouse Entrance:</i>								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 8 ft or >)		5.0	5.8	5.2	5.7	6.1	8.2	8.3
NPE-2 (Criteria = 8 ft or >)		5.0	5.8	5.2	5.7	6.1	8.3	8.3
Head at NPE-1&2 (Criteria = 1-2 ft)		1.3	1.1	1.1	0.8	0.9	0.9	1.0
Gate on sill (Yes or No)		yes	yes	yes	yes	yes	yes	no
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
<i>North Shore Entrance:</i>								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 7 ft or >)		closed	closed	closed	closed	closed	9.4	5.2
NSE-2 (Criteria = 7 ft or >)		6.9	7.4	6.0	7.8	7.6	closed	closed
Head at NSE-1&2 (Criteria = 1-2 ft)		1.1	0.9	0.9	1.1	0.7	0.6	0.7
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3	4	5	6	7

Comments:

1. SSE unable to seat SSE channel staff gauge (used FSC board), Mild eddy at SSE, loud knocking at NPE, could not see lighting at NPE (mirror dirty), exit trashboom replaced.
2. Staff gauges generally met criteria (FSC board elevations a little different), could not see lighting at NPE. Some protruding sticks at picketed leads (no differential though).
3. Could not see diffuser #14 staff gauge (depth over weir), netting obscured view.
4. NSE1 and NSE2 manually positioned at 626 ft, could not see attraction lighting in channel to northshore.
5. Could not see attraction lighting.
6. Could not see attraction lighting, COE began using NSE-1 and closed NSE-2 on 9-15-15.
7. Cold water pumps removed 9-30, no attraction lighting seen. NSE channel sluggish.