

Table 8. Pertinent Data for Fish Facility Inspections in 2007 at LOWER GRANITE DAM.								
CRITERIA ITEMS	DATE OF INSPECTION							
	10-Apr	19-May	16-Jun	20_july	17-Aug	19-Sep	19-Oct	
SOUTH SHORE FISHWAY								
<i>South Shore Entrance</i>								
<u>Depth over entrance weirs</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.2	7.8	7.7	7.1	7.2	8.0	8.2
SSE-2 (Criteria = 8 ft or >)	ft	8.3	7.9	7.7	7.2	7.3	8.0	8.2
Head at SSE-1 & 2 (Crit. = 1 - 2 ft)	ft	1.8	1.7	1.3	1.8	1.8	1.5	1.5
Depth over ladr. Weir (Crit.= 1-1.3 f	ft	0.9	0.8	0.9	0.9	1.2	1.0	1.2
Channel velocity (Crit. = 1.5-4 fps)	fps	1.3	2.5	2.6	2.7	2.5	2.3	2.5
Channel velocity (n shore)		2.2	2.1				1.3	1.2
Ladder exit clean (yes or no)		no	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	no	yes
<i>North Powerhouse Entrance:</i>								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 8 ft or >)		5.3	6.9	4.9	4.4	4.7	8.1	8.0
NPE-2 (Criteria = 8 ft or >)		5.3	6.9	4.9	4.5	4.6	8.0	8.0
Head at NPE-1&2 (Criteria = 1-2 ft)		1.2	1.5	1.2	1.5	1.4	1.2	1.3
Gate on sill (Yes or No)		yes	yes	yes	yes	yes	no	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 >)		5.4	6.1	6.0	6.6	6.5	5.1	5.1
NSE-2 (Criteria = 7 ft or >)		5.0	6.2	6.0	6.6	6.6	5.1	5.1
Head at NSE-1&2 (Criteria = 1-2 ft)		1.1	1.0	1.0	0.9	0.7	1.0	1.0
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3	4	5	6	
<u>Comments:</u>								
1. MOP operations causing problems meeting depth over wier criteria and NPE head differentials								
2. MOP operations and Adult trap causing problems meeting depth over wier criteria								
3. South and north powerhouse weirs all on sill, depth over weir criteria again not met due to MOP and adult trap. Northshore reading inaccessible to inoperable elevator.								
4. Depth over weir slightky below criteria due to MOP and adult trap. NSE head differential slightly below criteria. Could not visualize attraction channel lighting at NPE, mirror could use cleaning. Nothshore reading inaccessible to inoperable elevator. All entrance weirs on sill.								
5. South and north powerhouse entrances on sill, mirror at NPE had been cleaned since last inspection. Northshore was again non accessible, NSE below criteria. Diffuser #14 Grate cleaned, depth over wier was within criteria at MOP with adult trap.								
6. Flow through right side of downstream picketed lead appeared decreased as compared to left side, small amount of woody debris located.								