

Table 7. Pertinent Data for Fish Facility Inspections in 2008 at LITTLE GOOSE DAM.

CRITERIA ITEMS

SOUTH SHORE FISHWAY	DATE OF INSPECTION							
	15-Apr	29-May	13-Jun	15-Jul	22-Aug	17-Sep	28-Oct	
South Shore Entrance:								
<u>Depth over entrance weir</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.4	8.2	8.2	8.3	8.1	8.3	8.3
SSE-2 (Criteria = 8 ft or >)	ft	8.4	8.2	8.2	8.3	8.1	8.3	8.3
Head at SSE-1 & 2 (Criteria = 1-2 ft)	ft	1.4	1.1	1.3	1.4	1.2	1.7	1.4
Dep. over ladr. weir (Crit. = 1-1.3 ft)	ft	1.1	1.1	1.0	1.1	1.0	1.2	1.3
Channel velocity (Criteria = 1.5-4 fps)	fps	2.2	2.5	2.7	2.9	2.6	2.7	2.9
Channel velocity (North Shore)	fps	2.0	2.4	2.1	2.1	2.5	2.2	1.8
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 (Criteria = 0.3' max)		0	0	0.1	0	0	0	0
North Powerhouse Entrance:								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 7 ft or >)	ft	6.0	7.0	6.7	5.2	5.1	7.2	5.0
NPE-2 (Criteria = 7 ft or >)	ft	6.0	7.0	6.7	5.3	5.1	7.2	5.6
Head at NPE-1 & 2 (Criteria = 1-2 ft)	ft	1.2	1.3	1.3	1.3	1.7	1.3	1.6
Gate on Sill (Yes or No)		yes	yes	yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Pump speed	rpm	73-75	73-75	73-75	74-77	74-77	75-77	74-75
Pumps Operating (3 available)		3	3	3	3	3	3	3
North Shore Entrance:								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 6 ft or >)	ft	6.4	6.0	6.1	6.1	6.0	6.2	6.2
NSE-2 (Criteria = 6 ft or >)	ft	6.4	6.0	6.1	6.1	6.1	6.2	6.2
Head at NSE-1 & 2 (Criteria = 1-2 ft)	ft	1.1	1.5	1.5	1.2	1.2	1.2	1.4
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3		4		
Comments:								
1. Mild eddy at south and northshore- uniform spill pattern.								
2. Alternate spill pattern- moderately aggressive eddies observed at both south and north shores.								
3. NPE on sill								
4. NPE on sill								