

**Table 7. Pertinent Data for Fish Facility Inspections in 2009 at LITTLE GOOSE DAM.**

**CRITERIA ITEMS**

		<u>DATE OF INSPECTION</u>						
		<u>22-Apr</u>	<u>19-May</u>	<u>15-Jun</u>	<u>16-Jul</u>	<u>14-Aug</u>	<u>15-Sep</u>	<u>21-Oct</u>
<b>SOUTH SHORE FISHWAY</b>								
<b><i>South Shore Entrance:</i></b>								
<u>Depth over entrance weir</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.3	8.3	8.2	8.3	8.2	8.3	8.3
SSE-2 (Criteria = 8 ft or >)	ft	8.3	8.4	8.2	8.3	8.2	8.3	8.3
Head at SSE-1 & 2 (Criteria = 1-2 ft)	ft	1.6	1.4	1.2	1.5	1.3	1.6	1.4
Dep. over ladr. weir (Crit. = 1-1.3 ft)	ft	1.1	1.1	1.1	1.0	1.0	1.2	1.3
Channel velocity (Criteria = 1.5-4 fps)	fps	2.2	2.2	2.3	2.5	2.0	2.8	3.2
Channel velocity (North Shore)	fps	1.7	1.9	1.9	1.8	2.3	1.2	1.2
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)		yes	yes	yes	yes	yes	yes	yes
<b><i>North Powerhouse Entrance:</i></b>								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 7 ft or >)	ft	7.1	7.2	6.3	5.5	5.1	6.8	7.2
NPE-2 (Criteria = 7 ft or >)	ft	7.1	7.1	6.3	5.5	5.1	6.7	7.2
Head at NPE-1 & 2 (Criteria = 1-2 ft)	ft	1.5	1.5	1.5	1.5	1.4	1.3	1.3
Gate on Sill (Yes or No)		yes	no	yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Pump speed	rpm	73	73	71-75	73-76	73-77	77-78	73-77
Pumps Operating (3 available)		3	3	3	3	3	3	3
<b><i>North Shore Entrance:</i></b>								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 6 ft or >)	ft	6.1	6.0	6.0	5.4	6.2	6.2	6.1
NSE-2 (Criteria = 6 ft or >)	ft	6.1	6.0	6.0	6.2	5.9	2.5	2.5
Head at NSE-1 & 2 (Criteria = 1-2 ft)	ft	1.5	1.2	no reading	1.3	1.3	1.1	1.1
Staff gages clean		yes	yes	no	yes	yes	yes	yes
Comment number (if applicable)		1	1	2	3		4	5

**Comments:**

1. Aggressive eddy at south shore, mild eddy at north shore
2. Aggressive eddy at south shore, mild eddy at north shore. North shore staff gauges dirty.
3. NSE under repair, NPE on sill
4. NSE-2 is in raised position to compensate for loss at NSE-3- fish pump 3 is working but electronic meter for pump is not
4. NSE-2 is in raised position to compensate for loss at NSE-3