

Table 7. Pertinent Data for Fish Facility Inspections in 2015 at LITTLE GOOSE DAM.

CRITERIA ITEMS	DATE OF INSPECTION							
	15-Apr	30-May	25-Jun	28-Jul	31-Aug	14-Sep	19-Oct	
SOUTH SHORE FISHWAY								
<i>South Shore Entrance:</i>								
<u>Depth over entrance weir</u>								
SSE-1 (Criteria = 8 ft or >)	ft	8.4	8.2	8.7	8.3	8.5	9.4	9.3
SSE-2 (Criteria = 8 ft or >)	ft	8.1	8.1	8.4	8.3	8.5	9.4	9.3
Head at SSE-1 & 2 (Criteria = 1-2 ft)	ft	1.1	1.0	1.0	1.0	1.0	1.0	1.1
Dep. over ladr. weir (Crit. = 1-1.3 ft)	ft	1.2	1.2	1.2	1.2	1.2	1.1	1.2
Channel velocity (Criteria = 1.5-4 fps)	fps	2.5	1.9	1.9	2.3	2.8	1.6	1.8
Channel velocity (North Shore)	fps	2.5	2.7	2.7	2.7	2.1	1.9	2.1
Ladder exit clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
Staff gages clean (yes or no)		yes	yes	yes	yes	yes	no	yes
Picket leads clean (Criteria = 0.3' max)		no	yes	yes	yes	yes	yes	yes
<i>North Powerhouse Entrance:</i>								
<u>Depth over entrance weir</u>								
NPE-1 (Criteria = 7 ft or >)	ft	5.5	5.5	4.3	4.5	4.7	6.1	5.3
NPE-2 (Criteria = 7 ft or >)	ft	5.4	5.5	4.3	4.5	4.7	6.1	5.4
Head at NPE-1 & 2 (Criteria = 1-2 ft)	ft	1.2	1.4	1.5	1.4	1.3	1.3	1.2
Gate on Sill (Yes or No)		yes	yes	no	yes	yes	yes	no
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Pump speed	rpm	79-83	77	74/75	73/74	72-75	75-77	75
Pumps Operating (3 available)		2	2	2	2	2	2	2
<i>North Shore Entrance:</i>								
<u>Depth over entrance weir</u>								
NSE-1 (Criteria = 6 ft or >)	ft	6.3	6.4	6.9	6.7	6.5	6.2	6.8
NSE-2 (Criteria = 6 ft or >)	ft	6.3	6.4	6.9	6.7	6.4	6.2	6.8
Head at NSE-1 & 2 (Criteria = 1-2 ft)	ft	0.8	1.2	1.3	0.9	1.0	1.1	1.0
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3	4	5	6	7
Comments:								
1. LGS had new FCS control installed over winter but not communicating well, system in manual. Viewing room differential 0.3 ft (max of allowable criteria), Fish Pump #1 is OOS and waiting for repairs.								
2. New sill elevations provided by project bio, all fishway except NSE in auto, pump #1 still OOS.								
3. NPE entrances 0.3 ft above sill, TSW closed June 18.								
4. Head differential at NSE slightly below criteria, should clean picketed leads- no differential but several dead shad and on dead salmon, special ops in place for sockeye passage (no spill daytime).								
5. Fish Pump #1 gearbox repaired waiting for install.								
6. Adult fishway resumed automatic mode ops, since that time NSE-1 has been reading high (issues with transducer). Staff gauge at diffuser 13 dirty and accumulating sediment and moss. Fish Pump #1 sitting in erection bay.								
7. Fish Pump #1 remains OOS.								