

Table 7. Pertinent Data for Fish Facility Inspections in 2017 at LITTLE GOOSE DAM.

CRITERIA ITEMS	DATE OF INSPECTION				
	<u>18-Apr</u>	<u>18-May</u>	<u>23-Jun</u>	<u>26-Jul</u>	
SOUTH SHORE FISHWAY					
<i>South Shore Entrance:</i>					
<u>Depth over entrance weir</u>					
SSE-1 (Criteria = 8 ft or >)	ft	9.0	7.8	8.3	9.2
SSE-2 (Criteria = 8 ft or >)	ft	8.8	7.8	8.3	9.0
Head at SSE-1 & 2 (Criteria = 1-2 ft)	ft	1.5	1.6	1.6	1.2
Dep. over ladr. weir (Crit. = 1-1.3 ft)	ft	1.1	1.1	1.1	1.2
Channel velocity (Criteria = 1.5-4 fps)	fps	1.8	2.2	1.7	2.3
Channel velocity (North Shore)	fps	na	2.6	2.2	2.3
Ladder exit clean (yes or no)		yes	yes	yes	yes
Staff gages clean (yes or no)		yes	yes	yes	yes
Picket leads clean (Criteria = 0.3' max)		0	0.1	0	0.1
<i>North Powerhouse Entrance:</i>					
<u>Depth over entrance weir</u>					
NPE-1 (Criteria = 7 ft or >)	ft	6.8	6.5	6.6	6.1
NPE-2 (Criteria = 7 ft or >)	ft	6.8	6.4	6.6	6.0
Head at NPE-1 & 2 (Criteria = 1-2 ft)	ft	1.7	1.1	1.4	1.5
Gate on Sill (Yes or No)		yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes
Pump speed	rpm	74-75	66-75	69-73	71-72
Pumps Operating (3 available)		3	3	3	3
<i>North Shore Entrance:</i>					
<u>Depth over entrance weir</u>					
NSE-1 (Criteria = 6 ft or >)	ft	7.1	6.1	6.7	6.4
NSE-2 (Criteria = 6 ft or >)	ft	4.6	6.1	6.5	6.4
Head at NSE-1 & 2 (Criteria = 1-2 ft)	ft	1.4	1.3	1.1	1.0
Staff gages clean		yes	yes	yes	yes
Comment number (if applicable)		1	2	3	
Comments:					
<ol style="list-style-type: none"> 1. NSE-2 Weir continues to be restricted due to computer program, project mechanics are trying to override the program, fallout fence unattached. 2. Aggressive counterclockwise eddy at southshore, mild eddy at northshore. 3. NPE on sill, mild to moderate eddies at south and north shores. 					

