

Table 7. Pertinent Data for Fish Facility Inspections in 2011 at LITTLE GOOSE DAM.

CRITERIA ITEMS

| | | <u>DATE OF INSPECTION</u> | | | | | | |
|--|-----|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | <u>12-Apr</u> | <u>17-May</u> | <u>29-Jun</u> | <u>29-Jul</u> | <u>26-Aug</u> | <u>16-Sep</u> | <u>25-Oct</u> |
| SOUTH SHORE FISHWAY | | | | | | | | |
| <i>South Shore Entrance:</i> | | | | | | | | |
| <u>Depth over entrance weir</u> | | | | | | | | |
| SSE-1 (Criteria = 8 ft or >) | ft | 8.4 | 8.0 | 8.2 | 8.4 | 8.4 | 8.3 | 8.2 |
| SSE-2 (Criteria = 8 ft or >) | ft | 8.4 | 8.0 | 8.1 | 8.4 | 8.2 | 8.2 | 8.2 |
| Head at SSE-1 & 2 (Criteria = 1-2 ft) | ft | 1.6 | 1.1 | 1.6 | 1.6 | 1.9 | 1.8 | 1.6 |
| Dep. over ladr. weir (Crit. = 1-1.3 ft) | ft | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.3 | 1.2 |
| Channel velocity (Criteria = 1.5-4 fps) | fps | 1.9 | 2.4 | 2.1 | 1.3 | 1.5 | 1.6 | 2.1 |
| Channel velocity (North Shore) | fps | 2.5 | 2.6 | na | na | 2.3 | 2.8 | 2.3 |
| 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 |
| <i>North Powerhouse Entrance:</i> | | | | | | | | |
| <u>Depth over entrance weir</u> | | | | | | | | |
| NPE-1 (Criteria = 7 ft or >) | ft | 6.5 | 6.9 | 6.9 | 5.5 | 5.3 | 7.2 | 6.5 |
| NPE-2 (Criteria = 7 ft or >) | ft | 6.5 | 6.9 | 6.9 | 5.5 | 5.3 | 7.2 | 6.5 |
| Head at NPE-1 & 2 (Criteria = 1-2 ft) | ft | 1.7 | 1.3 | 1.3 | 1.7 | 1.9 | 1.4 | 1.5 |
| Gate on Sill (Yes or No) | | yes | yes | yes | yes | yes | no | yes |
| Staff gages clean | | yes | yes | yes | yes | yes | yes | yes |
| Pump speed | rpm | 71-72 | 71-73 | 73 | 73-75 | 75 | 75-77 | 73-75 |
| Pumps Operating (3 available) | | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| <i>North Shore Entrance:</i> | | | | | | | | |
| <u>Depth over entrance weir</u> | | | | | | | | |
| NSE-1 (Criteria = 6 ft or >) | ft | 6.7 | 6.8 | 7.0 | 5.4 | 5.6 | 7.9 | 7.1 |
| NSE-2 (Criteria = 6 ft or >) | ft | 6.7 | 6.8 | 7.0 | 5.4 | 5.6 | 7.9 | 7.1 |
| Head at NSE-1 & 2 (Criteria = 1-2 ft) | ft | 0.9 | 1.5 | 1.3 | 1.7 | 1.7 | 1.1 | 1.3 |
| Staff gages clean | | yes | yes | NA | NA | no | yes | yes |
| Comment number (if applicable) | | | | 1 | 1 | 2 | | |

Comments:

1. North shore is off limits due to erosional damage that occurred in May- used FC Board readout,
2. The Northshore is accessible as of 8-25, NSE channel and tailwater staff gauges illegible.

