**Table 8. Pertinent Data for Fish Facility Inspections in 2008 at LOWER GRANITE DAM.**

| CRITERIA ITEMS | | DATE OF INSPECTION | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 27-Apr | 28-May | 29-Jun | 25-Jul | 25-Aug | 17-Sep | 28-Oct |
| **SOUTH SHORE FISHWAY** | | | | | | | | |
| ***South Shore Entrance*** | | | | | | | | |
| Depth over entrance weirs | | | | | | | | |
| SSE-1 (Criteria = 8 ft or >) | ft | 8.7 | 8.2 | 8.2 | 8.3 | 7.4 | 8.1 | 8.1 |
| SSE-2 (Criteria = 8 ft or >) | ft | 8.7 | 8.2 | 8.2 | 8.2 | 7.5 | 8.3 | 8.1 |
| Head at SSE-1 & 2 (Crit. = 1 - 2 ft) | ft | 1.1 | 1.2 | 1.6 | 1.4 | 1.9 | 1.5 | 1.5 |
| Depth over ladr. Weir (Crit.= 1-1.3 f | ft | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 1.2 | 1.2 |
| Channel velocity (Crit. = 1.5-4 fps) | fps | 2.1 | 3.2 | 2.7 | 2.5 | 2.4 | 2.1 | 2.7 |
| Channel velocity (n shore) | | 1.5 | 3.7 | 1.3 | 2.4 | NA | 1.7 | 1.7 |
| 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 (yes or no) | | yes | yes | yes | yes | yes | yes | yes |
| ***North Powerhouse Entrance:*** | | | | | | | | |
| Depth over entrance weir | | | | | | | | |
| NPE-1 (Criteria = 8 ft or >) | | 5.3 | 7.3 | 7.1 | 5.1 | 5.1 | 8.1 | 6.8 |
| NPE-2 (Criteria = 8 ft or >) | | 5.3 | 7.3 | 7.1 | 5.1 | 5.1 | 8.0 | 6.8 |
| Head at NPE-1&2 (Criteria = 1-2 ft) | | 1.8 | 1.3 | 1.4 | 1.7 | 1.4 | 1.2 | 1.1 |
| Gate on sill (Yes or No) | | yes | yes | yes | yes | yes | no | yes |
| Staff gages clean | | yes | yes | yes | yes | yes | yes | yes |
| ***North Shore Entrance:*** | | | | | | | | |
| Depth over entrance weir | | | | | | | | |
| NSE-1 (Criteria = 7 ft or >) | | 5.5 | 5.5 | 5.6 | 5.5 | 5.5 | 5.6 | 5.6 |
| NSE-2 (Criteria = 7 ft or >) | | 5.6 | 5.6 | 5.6 | 5.5 | 5.5 | 5.6 | 5.6 |
| Head at NSE-1&2 (Criteria = 1-2 ft) | | 1.1 | 1.6 | 1.0 | 1.0 | 1.1 | 0.9 | 0.9 |
| Staff gages clean | | yes | yes | yes | yes | yes | yes | yes |
| Comment number (if applicable) | | | | 1 | 2 | 3 | 4 | |

**Comments:**

1. NSE gates did not meet 7 ft criteria- however, if lower further would have reduced entrance head diff. Turbine unit one back in service.
2. Staff gauge at Forebay/exit was repaired- not seating properly.
3. SSE and NPE weirs on sill. NSE did not meet criteria, depth over wier criteria not met (adult traps operating). Could not obtain surface velocity at NSE -- too windy.
4. NSE did not meet head diff criteria or weir depth criteria, MOP FB restiction lifted.