

Table 8. Pertinent Data for Fish Facility Inspections in 2010 at LOWER GRANITE DAM.

| CRITERIA ITEMS | DATE OF INSPECTION | | | | | | | |
|--|--------------------|--------|--------|--------|--------|--------|--------|-----|
| | 14-Apr | 26-May | 22-Jun | 26-Jul | 18-Aug | 27-Sep | 19-Oct | |
| SOUTH SHORE FISHWAY | | | | | | | | |
| <i>South Shore Entrance</i> | | | | | | | | |
| <u>Depth over entrance weirs</u> | | | | | | | | |
| SSE-1 (Criteria = 8 ft or >) | ft | 7.2 | 8.2 | 8.2 | 8.0 | 7.4 | 8.2 | 8.1 |
| SSE-2 (Criteria = 8 ft or >) | ft | 7.3 | 8.2 | 8.2 | 8.1 | 7.5 | 8.2 | 8.1 |
| Head at SSE-1 & 2 (Crit. = 1 - 2 ft) | ft | 2.0 | 1.5 | 1.7 | 1.7 | 1.3 | 1.4 | 1.6 |
| Depth over Iadr. Weir (Crit.= 1-1.3 ft) | ft | 1.0 | 0.9 | 0.9 | 0.9 | 1.2 | 1.2 | 1.2 |
| Channel velocity (Crit. = 1.5-4 fps) | fps | 3.0 | 2.2 | 2.6 | 2.2 | 2.2 | 2.3 | 2.6 |
| Channel velocity (n shore) | | 2.3 | 1.8 | 1.4 | 1.9 | 2.5 | 1.1 | 1.4 |
| Ladder exit clean (yes or no) | | no | 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 |
| <i>North Powerhouse Entrance:</i> | | | | | | | | |
| <u>Depth over entrance weir</u> | | | | | | | | |
| NPE-1 (Criteria = 8 ft or >) | | 4.7 | 6.0 | 7.2 | 5.3 | 4.2 | 8.2 | 8.3 |
| NPE-2 (Criteria = 8 ft or >) | | 4.7 | 6.0 | 7.3 | 5.4 | 4.2 | 8.3 | 8.2 |
| Head at NPE-1&2 (Criteria = 1-2 ft) | | 1.5 | 1.3 | 1.3 | 1.7 | 1.9 | 1.2 | 1.1 |
| Gate on sill (Yes or No) | | yes | yes | yes | yes | yes | no | no |
| Staff gages clean | | | | | | | | |
| <i>North Shore Entrance:</i> | | | | | | | | |
| <u>Depth over entrance weir</u> | | | | | | | | |
| NSE-1 (Criteria = 7 ft or >) | | 5.0 | 5.1 | 5.1 | 5.0 | 5.1 | 5.1 | 5.1 |
| NSE-2 (Criteria = 7 ft or >) | | 5.0 | 5.1 | 5.1 | 5.1 | 5.0 | 5.2 | 5.1 |
| Head at NSE-1&2 (Criteria = 1-2 ft) | | 1.2 | 1.2 | 1.1 | 1.0 | 1.3 | 1.0 | 1.1 |
| Staff gages clean | | yes | yes | yes | yes | yes | yes | yes |
| Comment number (if applicable) | | 1 | | | | 2 | | |
| <u>Comments:</u> | | | | | | | | |
| 1. 100 sq ft of debris at exit | | | | | | | | |
| 2. TW staff gauges out of water- need to extend deeper | | | | | | | | |