

Table 11. Pertinent Data for Fish Facility Inspections in 2014 at ROCK ISLAND DAM

CRITERIA ITEMS

DATE OF INSPECTION

16-Apr 21-May 25-Jun 29-Jul 27-Aug 24-Sep 22-Oct

LEFT BANK FISHWAY

Left Bank Entrance:

| | | | | | | | | |
|---|----|--------|--------|-----|-----|-----|--------|--------|
| Depth over entrance weir | | | | | | | | |
| LO5 (Criteria = 6.0 ft or >) | ft | closed | closed | 7.9 | 5.7 | 6.3 | Denil | Denil |
| LO6 (Criteria = 6.0 ft or >) | ft | closed | 8.2 | 7.4 | 5.9 | 6.3 | Closed | Closed |
| Head at LO5 & 6 (Crit. = 1-2 ft) | ft | closed | 0.3 | 1.3 | 1.3 | 1.0 | Na | Na |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | closed | 1.0 | 1.1 | 1.1 | 1.1 | 1.0 | 0.7 |
| Staff gages clean (yes or no) | | closed | yes | yes | yes | yes | yes | yes |
| Ladder exit clean (yes or no) | | closed | yes | yes | yes | yes | yes | yes |
| Picket leads clean (yes or no) | | closed | yes | yes | yes | yes | yes | yes |

CENTER FISHWAY

Center Entrance:

| | | | | | | | | |
|---|----|-----|-----|-----|-----|-----|-----|-----|
| Depth over entrance weir | | | | | | | | |
| MO3 (Criteria = 8.5 ft or >) | ft | 5.8 | 8.6 | 9.1 | 6.7 | 6.3 | 0.7 | 6.4 |
| Head at MO3 (Criteria = 1-2 ft) | ft | 1.7 | 1.4 | 1.0 | 1.3 | 1.4 | 1.9 | 3.8 |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | 1.1 | 1.0 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| Ladder exit clean (yes or no) | | yes | yes | yes | yes | yes | yes | yes |
| Picket leads clean (yes or no) | | yes | yes | yes | yes | yes | yes | yes |

RIGHT BANK FISHWAY

Right Bank Entrance:

| | | | | | | | | |
|---|-----|--------|-----------|-----------|-------|------|-------|-------|
| Head Differential (Crit. = 1-2 ft) | | | | | | | | |
| LPE-1 | ft | closed | 1.2 | 1.1 | 1.0 | 1.0 | Denil | Denil |
| RPE-1 and RPE-2 | ft | 1.4 | 1.4 | 1.4 | 1.3 | 1.4 | 0.6 | 0.3 |
| TRE | ft | 1.3 | 1.2 | 1.1 | 1.2 | 1.2 | Denil | Denil |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.1 |
| Channel veloc(Cr. = 1.5-4 fps) | fps | NA | 3.5 | 3.5 | 3.5 | 3.5 | Na | Na |
| Ladder exit clean (yes or no) | | yes | yes | yes | yes | yes | yes | yes |
| Picket leads clean (yes or no) | | yes | yes | yes | yes | yes | yes | yes |
| Pumps operating | | | 3 | 3 | 3 | 1 | 0 | 0 |
| Pump Gate Openings | % | 0 | 40.6-90.3 | 52.3-92.6 | 47-97 | 80.6 | 0 | 0 |
| Comment number (if applicable) | | 1 | 2 | | 3 | 4 | 5 | 6 |

Comments:

1. Right bank fishway denil construction complete at TRE, installation ongoing at LPE and entire left fishway closed for denil construction. MO5 closed due to spill pattern construction work.
2. Denil being installed at LO5, attraction water off at LB due to diving work.
3. LO5, LO6 and MO3 at bottom of mechanical limit.
4. MO5 (center fishway side entrance) closed due to low tailwater.
5. Entrances MO5 and LO6 closed due to low flows (TW), very complicated fishways operations due to low flows, all denils operating, RO4 10% open.
6. Entrances MO5 and LO6 closed due to low flows (TW), very complicated fishways operations due to low flows, all denils operating, RO4 11% open.