

Table 11. Pertinent Data for Fish Facility Inspections in 2011 at ROCK ISLAND DAM

| CRITERIA ITEMS | DATE OF INSPECTION | | | | | | | |
|---|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|
| | 12-Apr | 18-May | 30-Jun | 27-Jul | 31-Aug | 21-Sep | 15-Oct | |
| LEFT BANK FISHWAY | | | | | | | | |
| Left Bank Entrance: | | | | | | | | |
| Depth over entrance weir | | | | | | | | |
| LO5 (Criteria = 6.0 ft or >) | ft | 6.8 | 6.6 | 6.8 | 6.9 | 6.9 | 7.0 | 6.7 |
| LO6 (Criteria = 6.0 ft or >) | ft | 6.8 | 6.6 | 6.7 | 6.9 | 6.9 | 7.0 | 9.2 |
| Head at LO5 & 6 (Crit. = 1-2 ft) | ft | 1.4 | 1.5 | 1.6 | 1.3 | 1.2 | 1.3 | 1.2 |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | 1.1 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 |
| Staff gages clean (yes or no) | | yes | yes | yes | yes | yes | yes | yes |
| 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 |
| CENTER FISHWAY | | | | | | | | |
| Center Entrance: | | | | | | | | |
| Depth over entrance weir | | | | | | | | |
| MO3 (Criteria = 8.5 ft or >) | ft | 9.0 | 9.1 | 9.6 | 8.8 | 9.0 | 9.2 | 8.8 |
| Head at MO3 (Criteria = 1-2 ft) | ft | 1.3 | 1.2 | 1.2 | 1.4 | 1.2 | 1.1 | 1.4 |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.1 | 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 | 1.1 | 1.5 | 1.3 | 1.2 | 1.2 | 1.0 | 1.2 |
| RPE-1 and RPE-2 | ft | closed/1.3 | closed/1.1 | closed/1.2 | closed/1.5 | 1.3 | 1.3 | 1.3 |
| TPE | ft | 1.2 | 1.2 | 1.6 | 1.1 | 1.1 | 1.6 | 1.1 |
| Depth over ladder weir (Criteria = 1.0-1.2 ft) | ft | 1.0 | 1.0 | 1.2 | 1.1 | 1.0 | 1.0 | 1.0 |
| Channel veloc(Cr. = 1.5-4 fps) | fps | 3.6 | 3.6 | 4.0 | 4.1 | 3.8 | 4.0 | 4.0 |
| 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 |
| Pumps operating | | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Pump Gate Openings | % | 69-99 | 68-96 | 91-98 | 65-98 | 98-99 | 67-98 | 69-98 |
| Comment number (if applicable) | | | | | | | | |
| Comments: | | | | | | | | 1 |
| 1. Broken drive shaft on LO6 gear box. | | | | | | | | |