

**Table 6. Pertinent Data for Fish Facility Inspections in 2009 at LOWER MONUMENTAL DAM**

| <b>CRITERIA ITEMS</b>   |     | <b>DATE OF INSPECTION</b> |                      |                      |                      |                      |                      |                      |
|---|-----|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|   |     | <b><u>21-Apr</u></b>      | <b><u>20-May</u></b> | <b><u>25-Jun</u></b> | <b><u>30-Jul</u></b> | <b><u>24-Aug</u></b> | <b><u>29-Sep</u></b> | <b><u>20-Oct</u></b> |
| <b>NORTH SHORE FISHWAY</b>  |     |                           |                      |                      |                      |                      |                      |                      |
| <b><i>North Shore Entrance:</i></b>   |     |                           |                      |                      |                      |                      |                      |                      |
| Depth over entrance weir  |     |                           |                      |                      |                      |                      |                      |                      |
| NSE-1 (Criteria = 8 ft or >)  | ft  | 8.4                       | 8.3                  | 8.3                  | 8.3                  | 8.3                  | 8.1                  | 8.1                  |
| NSE-2 (Criteria = 8 ft or >)  | ft  | 8.2                       | 8.0                  | 8.3                  | 8.8                  | 8.3                  | 8.1                  | 8.2                  |
| Head at NSE-1 & 2 (Crit. = 1-2 ft)  | ft  | 1.0                       | 1.3                  | 1.3                  | 1.2                  | 1.4                  | 1.5                  | 1.4                  |
| Gate on Sill (yes or no) 429ft  |     | no                        | no                   | no                   | yes                  | yes                  | no                   | no                   |
| Dep. over ladr. weir (Cr. = 1-1.3 ft)   | ft  | 1.1                       | 1.1                  | 1.1                  | 1.1                  | 1.1                  | 1.1                  | 1.1                  |
| Channel velocity (Crit. = 1.5 - 4 fps)  | fps | >2.0                      | 1.5                  | 1.8                  | 1.6                  | 1.7                  | 1.9                  | 2.0                  |
| Ladder exit clean (yes or no)   |     | yes                       | yes                  | yes                  | yes                  | yes                  | no                   | no                   |
| 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                  |
| <b><i>South Powerhouse Entrance:</i></b>                                      |     |                           |                      |                      |                      |                      |                      |                      |
| Depth over entrance weir  |     |                           |                      |                      |                      |                      |                      |                      |
| SPE-1 (Criteria = 8 ft or >)  | ft  | 9.0                       | 8.3                  | 7.3                  | 5.0                  | 5.3                  | 7.0                  | 7.1                  |
| SPE-2 (Criteria = 8 ft or >)  | ft  | closed                    | 8.3                  | 7.2                  | 5.0                  | 5.3                  | 7.1                  | 7.2                  |
| Head at SPE-1 & 2 (Crit. = 1-2 ft)  | ft  | 0.7                       | 1.1                  | 1.0                  | 1.4                  | 1.3                  | 1.2                  | 1.2                  |
| Gate on Sill (Yes or No) 432ft  |     | yes                       | no                   | yes                  | yes                  | yes                  | yes                  | yes                  |
| Staff gages clean/readable (yes or no)  |     | yes                       | yes                  | yes                  | yes                  | yes                  | yes                  | yes                  |
| <b>SOUTH SHORE FISHWAY</b>  |     |                           |                      |                      |                      |                      |                      |                      |
| <b><i>South Shore Entrance:</i></b>   |     |                           |                      |                      |                      |                      |                      |                      |
| Depth over entrance weir  |     |                           |                      |                      |                      |                      |                      |                      |
| SSE-1 (Criteria = 8 ft or >)  | ft  | 8.1                       | 8.0                  | 7.4                  | 5.9                  | 5.5                  | 7.5                  | 8.0                  |
| SSE-2 (permanent) 6-feet  | ft  | 6.0                       | 6.0                  | 7.4                  | 5.9                  | 5.5                  | 7.5                  | 8.0                  |
| Head at SSE-1 & 2 (Crit. = 1-2 ft)  | ft  | 1.2                       | 1.2                  | 1.2                  | 1.0                  | 1.4                  | 1.9                  | 1.4                  |
| Gate on Sill (yes or no) 431ft  |     | no                        | no                   | yes                  | yes                  | yes                  | no                   | no                   |
| Dep. over ladr. weir (Crit. = 1-1.3')   | ft  | 1.0                       | 1.0                  | 1.0                  | 1.1                  | 1.0                  | 1.0                  | 1.1                  |
| Ladder exit clean   |     | yes                       | yes                  | yes                  | yes                  | yes                  | no                   | no                   |
| Picket leads clean  |     | yes                       | yes                  | yes                  | yes                  | yes                  | yes                  | yes                  |
| Pump speed  | rpm | 73-76                     | 73                   | 72                   | 71                   | 74-75                | 75                   | 74-75                |
| # of Pumps Operating (3 available)  |     | 2                         | 2                    | 2                    | 2                    | 2                    | 2                    | 2                    |
| Comment Number (if applicable)  |     | 1                         |                      |                      |                      |                      | 2                    | 3                    |
| <b>Comments:</b>  |     |                           |                      |                      |                      |                      |                      |                      |
| 1. Physical readings were not taken at south shore- used digital display.     |     |                           |                      |                      |                      |                      |                      |                      |
| 2. Both exits had both large and small floating woody debris in fron of them. |     |                           |                      |                      |                      |                      |                      |                      |
| 3. Floating debris at exits   |     |                           |                      |                      |                      |                      |                      |                      |