

**Table 6. Pertinent Data for Fish Facility Inspections in 2015 at LOWER MONUMENTAL DAM**

<b>CRITERIA ITEMS</b>		<b>DATE OF INSPECTION</b>						
		<b>15-Apr</b>	<b>27-May</b>	<b>25-Jun</b>	<b>30-Jul</b>	<b>25-Aug</b>	<b>24-Sep</b>	<b>15-Oct</b>
<b>NORTH SHORE FISHWAY</b>								
<b>North Shore Entrance:</b>								
Depth over entrance weir								
NSE-1 (Criteria = 8 ft or >)	ft	8.5	8.3	8.4	9.0	8.7	8.4	7.8
NSE-2 (Criteria = 8 ft or >)	ft	8.4	8.3	8.6	9.0	8.7	8.7	8.1
Head at NSE-1 & 2 (Crit. = 1-2 ft)	ft	1.5	1.5	1.5	1.7	1.3	1.6	1.5
Gate on Sill (yes or no) 429ft		yes	no	yes	yes	no	no	no
Dep. over ladr. weir (Cr. = 1-1.3 ft)	ft	1.0	1.1	1.0	NA	NA	1.1	1.1
Channel velocity (Crit. = 1.5 - 4 fps)	fps	2.4	3.2	broken	broken	broken	broken	broken
Ladder exit clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
Staff gages clean (yes or no)		no	yes	yes	yes	yes	yes	yes
Picket leads clean (yes or no)		yes	yes	yes	yes	yes	yes	yes
<b>South Powerhouse Entrance:</b>								
Depth over entrance weir								
SPE-1 (Criteria = 8 ft or >)	ft	5.6	6.5	5.6	6.1	6.8	8.9	7.1
SPE-2 (Criteria = 8 ft or >)	ft	5.6	6.5	5.5	6.0	6.7	8.9	7.1
Head at SPE-1 & 2 (Crit. = 1-2 ft)	ft	1.6	1.3	1.5	1.5	1.3	1.5	1.8
Gate on Sill (Yes or No) 432ft		yes	yes	no	yes	yes	no	yes
Staff gages clean/readable (yes or no)		no	yes	yes	yes	yes	yes	yes
<b>SOUTH SHORE FISHWAY</b>								
<b>South Shore Entrance:</b>								
Depth over entrance weir								
SSE-1 (Criteria = 8 ft or >)	ft		7.1	6.0	NA	7.6	7.9	7.9
SSE-2 (permanent) 6-feet	ft	6.0	6.0	6.0	NA	6.0	na	na
Head at SSE-1 & 2 (Crit. = 1-2 ft)	ft	1.7	1.4	1.7	NA	1.4	1.4	1.4
Gate on Sill (yes or no) 431ft		yes	yes	yes	NA	yes	yes	yes
Dep. over ladr. weir (Crit. = 1-1.3')	ft	1.0	1.0	1.0	NA	NA	1.0	1.0
Ladder exit clean		yes	yes	yes	NA	yes	yes	yes
Picket leads clean		yes	yes	yes	NA	yes	yes	yes
Pump speed	rpm	63-68	63-68					
# of Pumps Operating (3 available)		3	3					
Comment Number (if applicable)				1	2		3	4

**Comments:**

1. Collection velocity meter not working, NS picketed lead differential was 0.3 with no debris.
2. Incomplete inspection due to access issues, high differential at N Shore
3. Shad still present and alive, poor hydraulics above north count station may be contributing to shad holding.
4. 2A orifice disturbed jet, shad still alive and holding upstream of north count station poor hydraulics.