

Table 6. Pertinent Data for Fish Facility Inspections in 2011 at LOWER MONUMENTAL DAM

CRITERIA ITEMS		DATE OF INSPECTION				
		28-Jun	28-Jul	18-Aug	28-Sep	27-Oct
NORTH SHORE FISHWAY						
North Shore Entrance:						
Depth over entrance weir						
NSE-1 (Criteria = 8 ft or >)	ft	8.3	9.0	8.2	8.2	8.0
NSE-2 (Criteria = 8 ft or >)	ft	8.3	9.0	8.2	8.3	8.1
Head at NSE-1 & 2 (Crit. = 1-2 ft)	ft	1.2	1.0	1.6	1.4	1.4
Gate on Sill (yes or no) 429ft		no	no	yes	no	no
Dep. over ladr. weir (Cr. = 1-1.3 ft)	ft	1.1	1.1	1.1	1.0	1.1
Channel velocity (Crit. = 1.5 - 4 fps)	fps	1.4	1.8	1.8	1.3	>2.0
Ladder exit clean (yes or no)		yes	yes	yes	yes	no
Staff gages clean (yes or no)		yes	yes	yes	yes	yes
Picket leads clean (yes or no)		yes	yes	yes	yes	yes
South Powerhouse Entrance:						
Depth over entrance weir						
SPE-1 (Criteria = 8 ft or >)	ft	8.7	5.9	5.2	7.7	7.7
SPE-2 (Criteria = 8 ft or >)	ft	8.4	5.9	5.2	7.8	7.6
Head at SPE-1 & 2 (Crit. = 1-2 ft)	ft	1.0	1.8	1.5	1.3	1.1
Gate on Sill (Yes or No) 432ft		no	yes	yes	yes	yes
Staff gages clean/readable (yes or no)						
SOUTH SHORE FISHWAY						
South Shore Entrance:						
Depth over entrance weir						
SSE-1 (Criteria = 8 ft or >)	ft	8.0	6.8	5.3	8.6	7.4
SSE-2 (permanent) 6-feet	ft	8.0	6.8	5.3	8.6	7.4
Head at SSE-1 & 2 (Crit. = 1-2 ft)	ft	1.2	1.2	1.6	1.3	1.7
Gate on Sill (yes or no) 431ft		no	yes	yes	yes	yes
Dep. over ladr. weir (Crit. = 1-1.3')	ft	1.0	1.0	1.0	1.3	1.1
Ladder exit clean		yes	yes	yes	yes	yes
Picket leads clean		yes	yes	yes	yes	yes
Pump speed	rpm	63-64	62-65	60-61	65	63-65
# of Pumps Operating (3 available)		3	3	3	3	3
Comment Number (if applicable)					1	
Comments:						
1. The velocity appeared much faster than the velocity meter indicated, meter may need calibration.						