

Table 6. Pertinent Data for Fish Facility Inspections in 2007 at LOWER MONUMENTAL DAM

CRITERIA ITEMS

NORTH SHORE FISHWAY	DATE OF INSPECTION						
	<u>9-Apr</u>	<u>22-May</u>	<u>28-Jun</u>	<u>31-Jul</u>	<u>29-Aug</u>	<u>18-Sep</u>	
North Shore Entrance:							
Depth over entrance weir							
NSE-1 (Criteria = 8 ft or >)	ft	9.3	8.2	8.1	8.1	7.5	8.3
NSE-2 (Criteria = 8 ft or >)	ft	9.3	8.3	8.1	8.3	7.7	8.1
Head at NSE-1 & 2 (Crit. = 1-2 ft)	ft	1.3	1.3	1.8	1.8	1.4	1.6
Gate on Sill (yes or no)		yes	no	no	yes	yes	no
Dep. over ladr. weir (Cr. = 1-1.3 ft)	ft	1.1	1.1	1.1	1.1	1.0	1.1
Channel velocity (Crit. = 1.5 - 4 fps)	fps	>2.6	>2.0	>2.0	>2.0	>2.0	>2.0
Ladder exit clean (yes or no)		yes	yes	yes	yes	yes	no
Staff gages clean (yes or no)		no	yes	yes	yes	yes	yes
Picket leads clean (yes or no)		yes	yes	yes	yes	yes	yes
South Powerhouse Entrance:							
Depth over entrance weir							
SPE-1 (Criteria = 8 ft or >)	ft	6.3	7.9	5.6	5.2	4.6	7.7
SPE-2 (Criteria = 8 ft or >)	ft	6.3	7.9	5.6	5.2	4.7	7.8
Head at SPE-1 & 2 (Crit. = 1-2 ft)	ft	1.1	1.0	1.4	1.3	1.0	1.1
Gate on Sill (Yes or No)		yes	yes	yes	yes	yes	yes
Staff gages clean/readable (yes or no)		yes	yes	yes	yes	yes	yes

SOUTH SHORE FISHWAY

South Shore Entrance:

Depth over entrance weir							
SSE-1 (Criteria = 8 ft or >)	ft	7.6	9.4	7.6	5.5	5.1	8.7
SSE-2 (permanent) 6-feet	ft	normal	normal	normal	normal	normal	normal
Head at SSE-1 & 2 (Crit. = 1-2 ft)	ft	1.0	1.4	1.0	1.3	1.3	1.2
Gate on Sill (yes or no)		yes	yes	yes	yes	yes	yes
Dep. over ladr. weir (Crit. = 1-1.3')	ft	1.1	1.0	1.1	1.0	1.0	1.0
Ladder exit clean		yes	yes	yes	yes	yes	yes
Picket leads clean		yes	yes	yes	yes	yes	no
Pump speed	rpm	67-68	69-70	67-71	70	73-74	69-71
# of Pumps Operating (3 available)		3	3	3	3	2	3
Comment Number (if applicable)		1	2	3	4	5	6

Comments:

1. NS forebay staff gauge missing marking at the waterline, NS and SS powerhouse tailwater gauges too dirty to read, TW readings taken from control room.
2. South Shore count slot needs cleaning.
3. The old TW meter for south shore may not be reading correctly.
4. The southshore fishway visual reading could not be obtained- had to use computer readings.
5. The dial gauge for the south shore tailwater is in need of calibration.
6. The dial gauge for the south shore tailwater is in need of calibration. The northshore exit had a lot of large and small woody debris. The northshore picketed lead diff. was 0.4 feet- Project Bio said this was on high end of criteria, but within criteria-check the FPP- not likely great velocities for lamprey passage.