

Table10. Pertinent Data for Fish Facility Inspections in 2006 at WANAPUM DAM.

CRITERIA

DATE OF INSPECTION

LEFT BANK FISHWAY

Left Bank Entrance:

Head at entrances (Criteria = 1-2 ft)

		<u>27-Apr</u>	<u>17-May</u>	<u>21-Jun</u>	<u>13-Jul</u>	<u>15-Aug</u>	<u>13-Sep</u>	<u>18-Oct</u>
LSE-2 (target head = 1.5 ft)	ft	1.3	1.3	1.6	1.5	1.3	1.6	2.3
LSE-3 (target head = 1.2 ft)	ft	1.4	1.4	1.9	1.5	1.4	1.4	2.1
Dep. over ladr. weir (Crit. = 1.0-1.2ft)	ft	1.1	1.1	1.1	1.2	1.1	1.1	1.1
Channel velocity (Crit. = 1.5-4.0 fps)	fps	2.8	3.3	2.3	2.4	2.5	2.1	2.2
Staff gages clean (Crit. = yes or no)		yes	yes	yes	yes	yes	yes	yes
Auxiliary H2O Pumps	rpm	133/133	140/133	144/143	119/131	121-137	115-136	117-123
Ladder exit clean (Crit. = yes or no)		yes	yes	yes	yes	yes	yes	yes

RIGHT BANK FISHWAY

Right Bank Entrance:

Head at Entrance (Criteria = 1-2 ft)

RSE-2 (target head = 1.2 ft)	ft	1.4	1.4	1.5	1.4	1.4	1.6	1.5
Depth over ladder weir	ft	1.1	1.1	1.1	1.0	1.2	1.2	1.1
Ladder exit clean		yes	yes	yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes	yes	yes
Comment number (if applicable)		1	2	3		4		5

Comments:

1. LSE-2 differential was too low, collection channel differential was too low (should be 0.3 feet)
 2. LSE-2 differential was slightly below target
 3. Turbines 4 and 5 were down, LSE-3 could not be accessed so control room printout was used- can be considered an estimate
 4. LSE-2 was below target but within criteria- it was recommended that differential be adjusted to be within target
 5. LSE-2 differential was high but was falling due to changing tailwater .
- Readings from later in the day were within target range.