

Table 5. Pertinent Data for Fish Facility Inspections in 2017 at ICE HARBOR DAM.

<u>CRITERIA ITEMS</u>		<u>27-Apr</u>	<u>18-May</u>	<u>15-Jun</u>	<u>27-Jul</u>	<u>18-Aug</u>
SOUTH SHORE FISHWAY						
South Shore Entrance:						
Depth over entrance weir						
SFEW-1 (Crit. = 8 ft or >)	ft	9.6	8.7	10.5	8.3	7.6
Head at SFEW-1 (Criteria = 1-2 ft)	ft	1.4	1.1	1.5	1.0	1.2
Gate on Sill (yes or no) 332.25		no	no	no	yes	yes
Dep. over ladr. weir (Cr. = 1-1.3 ft)	ft	1.2	1.3	1.3	1.5	1.4
Channel velocity (Crit. = 1.5-4 fps)	fps	1.8	1.6	1.4	2.2	2.3
Ladder exit clean (yes or no)		yes	yes	yes	yes	yes
Staff gages clean (yes or no)		yes	yes	yes	no	no
Picket leads clean (yes or no)		yes	yes	yes	yes	yes
Pumps Operating (8 available)		7	6	6	6	6
North Powerhouse Entrance:						
Depth over entrance weir						
NFE-2 (Criteria = 8 ft or >)	ft	12.3	10.0	12.3	8.8	8.2
Head at NFE-2 (Criteria = 1-2 ft)	ft	1.2	1.1	1.2	1.6	yes
Gate on Sill (yes or no) 332.25		no	no	no	yes	1.5
Staff gages clean	ft	yes	yes	yes	no	no
NORTH SHORE FISHWAY						
North Shore Entrance:						
Depth over entrance weir						
NEW-1 (Criteria = 8 ft or >)	ft	12.2	5.9	10.4	7.3	6.2
Head at NEW-1 (Criteria = 1-2 ft)	ft	1.2	2.5	1.3	1.5	2.3
Gate on Sill (yes or no) 332.25		no	no	no	yes	yes
Dep. over ladr. weir (Crit. = 1-1.3 ft)	ft	1.2	1.2	1.3	1.2	1.2
Ladder exit clean		yes	yes	yes	yes	yes
Staff gages clean		yes	yes	yes	yes	yes
Picket leads clean		yes	yes	yes	yes	yes
Pumps Operating (3 available)		2	2	2	2	2
Comment Number (if applicable)		1	2		3	3

Comments:

1. Picking beam on northshore entrance submerged atleast one ft, asked operator to raise gate while maintaining all criteria.
2. Picking beam at northentrance several feet above water, northshore entrance all out of criteria- asked to have deeper gate depth which will reduce head differential.
3. Multiple broken/dirty staff gauges.

