

**APPENDIX 1. LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	1-Mar	3-Mar	7-Mar	8-Mar	11-Mar	14-Mar	15-Mar	16-Mar	17-Mar	22-Mar
<b>CHAN'L VELOCITIES (N):</b>	2.5	2.5	2.7	2.2	2.5	2.7	2.6	2.5	2.5	1.9
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	539.0	539.6	539.0	539.3	539.3	539.3	539.2	539.6	539.3	539.6
Exit Pool	539.0	539.6	539.0	539.2	539.3	539.2	539.1	539.4	539.2	539.5
Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.0	534.0	534.0
U S Picketed Leads	468.0	468.0	467.9	467.9	467.9	467.9	468.0	468.0	468.0	468.0
D S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	na	538.7	539.0	539.2	539.2	539.3	539.2	539.6	539.4	539.7
Exit Pool	na	538.6	539.0	539.2	539.2	539.2	539.0	539.3	539.2	539.5
Makeup Diffuser	na	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.0
U S Picketed Leads	na	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
D S Picketed Leads	na	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.0
<b>Collection Channels</b>										
North Shore	440.5	439.9	440.9	441.7	442.2	441.7	442.0	441.7	442.6	443.0
South Powerhouse	440.4	439.7	440.7	441.5	442.0	441.6	441.7	441.4	442.4	442.8
South Shore	na	439.7	440.6	441.7	442.1	442.3	442.0	441.6	442.6	443.0
<b>Tailwater</b>										
North Shore	439.1	438.6	439.8	440.7	441.2	440.7	440.9	440.5	441.4	441.9
South Powerhouse	439.1	438.5	439.6	440.5	441.0	440.5	440.7	440.4	441.4	441.7
South Shore	na	438.6	439.4	440.5	440.9	440.9	440.7	440.3	441.3	441.7
<b>Entrance Weirs</b>										
NSE-1	431.0	430.5	431.7	432.6	433.0	432.6	432.8	432.3	433.3	433.7
NSE-2	431.1	430.6	431.7	432.7	433.2	432.7	432.9	432.4	433.4	433.9
SPE-1	432.0	432.0	432.0	432.4	432.9	432.4	432.5	432.2	433.1	433.5
SPE-2	432.0	432.0	432.0	432.5	432.9	432.4	432.6	432.3	433.3	433.7
SSE-1	na	431.0	431.3	432.4	432.9	432.9	432.6	432.2	433.2	433.6
SSE-2 (feet above sill)	na	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.1	0.1
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
Counting Station	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
<b>South Fish Ladder</b>										
Ladder Exit	NA	0.1	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2
Ladder Weirs	NA	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
Counting Station	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Collection Channels</b>										
North Shore	1.4	1.3	1.1	1.0	1.0	1.0	1.1	1.2	1.2	1.1
South Powerhouse	1.3	1.2	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1
South Shore	NA	1.1	1.2	1.2	1.2	1.4	1.3	1.3	1.3	1.3
<b>Weir Depths</b>										
NSE-1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.2	8.1	8.2
NSE-2	8.0	8.0	8.1	8.0	8.0	8.0	8.0	8.1	8.0	8.0
SPE-1	7.1	6.5	7.6	8.1	8.1	8.1	8.2	8.2	8.3	8.2
SPE-2	7.1	6.5	7.6	8.0	8.1	8.1	8.1	8.1	8.1	8.0
SSE-1	NA	7.6	8.1	8.1	8.0	8.0	8.1	8.1	8.1	8.1
SSE-2 (feet above sill)	NA	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	NA	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	YES	YES	YES	YES	YES	YES	YES
SPE-2	SILL	SILL	SILL	YES	YES	YES	YES	YES	YES	YES
SSE-1	NA	SILL	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	NA	NO	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	23-Mar	24-Mar	27-Mar	28-Mar	30-Mar	1-Apr	2-Apr	3-Apr	4-Apr	6-Apr
<b>CHAN'L VELOCITIES (N):</b>	2.6	2.6	2.6	2.3	2.5	1.9	2.2	1.9	2.6	2.4
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	538.9	538.6	539.9	538.5	538.8	539.3	537.9	537.4	537.7	537.6
Exit Pool	538.8	538.5	539.8	538.4	538.6	539.1	537.8	537.3	537.5	537.4
Makeup Diffuser	534.1	534.1	534.1	534.2	534.2	534.1	534.2	534.1	534.2	534.2
U S Picketed Leads	467.9	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.2
D S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.8	467.9	467.9	468.0
<b>South Fish Ladder</b>										
Forebay	538.8	538.8	538.8	538.6	538.8	539.4	537.8	537.3	537.6	537.6
Exit Pool	538.8	538.6	538.7	538.4	538.6	539.2	537.6	537.2	537.5	537.4
Makeup Diffuser	534.1	534.1	534.1	534.1	534.2	534.1	534.2	534.1	534.1	534.2
U S Picketed Leads	534.1	534.1	534.1	534.1	534.2	534.1	534.2	534.1	534.1	534.2
D S Picketed Leads	534.1	534.1	534.1	534.1	534.2	534.1	534.2	534.1	534.1	534.2
<b>Collection Channels</b>										
North Shore	441.3	441.8	441.5	441.7	441.5	444.7	443.1	444.1	442.4	443.9
South Powerhouse	441.1	441.6	441.4	441.6	441.3	444.6	442.9	444.0	442.1	443.8
South Shore	441.3	441.8	441.4	441.7	441.4	444.5	442.9	443.6	441.9	443.3
<b>Tailwater</b>										
North Shore	440.2	440.6	440.4	440.6	440.4	443.6	442.0	443.1	441.3	442.8
South Powerhouse	440.1	440.6	440.4	440.5	440.3	443.5	441.9	443.0	441.0	442.7
South Shore	439.9	440.5	440.1	440.4	440.1	443.1	441.6	442.2	440.6	442.1
<b>Entrance Weirs</b>										
NSE-1	432.0	432.5	432.3	432.4	432.3	435.4	433.8	434.9	433.2	434.8
NSE-2	432.2	432.6	432.4	432.4	432.3	435.6	434.0	435.0	433.3	434.7
SPE-1	432.0	432.2	432.1	432.3	432.0	435.2	433.7	434.6	433.0	434.6
SPE-2	432.0	432.3	432.2	432.3	432.1	435.5	433.9	434.9	433.0	434.6
SSE-1	431.9	432.4	432.0	432.3	432.0	435.0	433.5	434.2	432.5	434.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2
Ladder Weirs	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.2
Counting Station	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2
<b>South Fish Ladder</b>										
Ladder Exit	0.0	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Ladder Weirs	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
South Powerhouse	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.1	1.1
South Shore	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.2
<b>Weir Depths</b>										
NSE-1	8.2	8.1	8.1	8.2	8.1	8.2	8.2	8.2	8.1	8.0
NSE-2	8.0	8.0	8.0	8.2	8.1	8.0	8.0	8.1	8.0	8.1
SPE-1	8.1	8.4	8.3	8.2	8.3	8.3	8.2	8.4	8.0	8.1
SPE-2	8.1	8.3	8.2	8.2	8.2	8.0	8.0	8.1	8.0	8.1
SSE-1	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.0	8.1	8.1
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	8-Apr	9-Apr	10-Apr	13-Apr	15-Apr	16-Apr	17-Apr	20-Apr	22-Apr	23-Apr
<b>CHAN'L VELOCITIES (N):</b>	2.6	2.8	2.7	2.4	2.3	2.7	3	2.3	2.2	2.8
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.4	537.8	537.5	537.4	537.5	537.4	537.5	537.5	537.3	537.5
Exit Pool	537.4	537.5	537.5	537.4	537.5	537.4	537.5	537.5	537.3	537.5
Makeup Diffuser	534.1	534.2	534.1	534.2	534.0	534.0	534.1	534.0	534.1	534.2
U S Picketed Leads	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.0
D S Picketed Leads	467.9	467.9	467.9	468.0	467.9	468.0	467.9	468.0	467.8	468.0
<b>South Fish Ladder</b>										
Forebay	537.4	537.7	537.5	537.4	537.5	537.5	537.5	537.5	537.3	537.5
Exit Pool	537.3	537.3	537.5	537.4	537.5	537.5	537.5	537.5	537.3	537.5
Makeup Diffuser	534.1	534.1	534.1	534.3	534.0	534.0	534.1	534.2	534.1	534.0
U S Picketed Leads	534.1	534.1	534.1	534.2	534.0	534.0	534.1	534.2	534.1	534.0
D S Picketed Leads	534.1	534.1	534.1	534.2	534.0	534.0	534.1	534.2	534.1	534.0
<b>Collection Channels</b>										
North Shore	442.8	441.9	442.5	440.8	440.7	440.8	441.1	441.8	441.8	441.6
South Powerhouse	442.6	441.3	442.3	440.7	440.4	440.2	440.8	441.6	441.5	441.5
South Shore	442.2	441.0	441.8	440.4	439.8	439.9	440.6	441.2	440.8	440.8
<b>Tailwater</b>										
North Shore	441.7	440.3	441.5	440.0	439.5	439.4	440.1	440.7	440.5	440.4
South Powerhouse	441.5	440.3	441.3	439.8	439.4	439.4	439.8	440.4	440.5	440.1
South Shore	440.9	439.8	440.6	439.3	438.6	438.8	439.6	439.8	439.8	439.8
<b>Entrance Weirs</b>										
NSE-1	433.6	432.2	433.4	431.9	431.4	431.3	432.0	432.6	432.4	432.2
NSE-2	433.7	432.3	433.4	431.9	431.5	431.4	432.1	432.8	432.5	432.3
SPE-1	433.4	432.0	433.1	432.0	432.0	432.0	432.0	432.2	432.1	432.0
SPE-2	433.4	432.0	433.2	432.0	432.0	432.0	432.0	432.0	432.1	432.0
SSE-1	432.8	431.7	432.5	431.2	431.0	431.0	431.5	431.9	431.8	431.7
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.2	1.1	1.2	1.0	1.0	1.1	1.0	1.1	1.2
Counting Station	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.2	0.0
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.1	1.3	1.0	1.0	1.1	1.2	1.1	1.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.1	1.6	1.0	0.8	1.2	1.4	1.0	1.1	1.3	1.2
South Powerhouse	1.1	1.0	1.0	0.9	1.0	0.8	1.0	1.2	1.0	1.4
South Shore	1.3	1.2	1.2	1.1	1.2	1.1	1.0	1.4	1.0	1.0
<b>Weir Depths</b>										
NSE-1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2
NSE-2	8.0	8.0	8.1	8.1	8.0	8.0	8.0	7.9	8.0	8.1
SPE-1	8.1	8.3	8.2	7.8	7.4	7.4	7.8	8.2	8.4	8.1
SPE-2	8.1	8.3	8.1	7.8	7.4	7.4	7.8	8.4	8.4	8.1
SSE-1	8.1	8.1	8.1	8.1	7.6	7.8	8.1	7.9	8.0	8.1
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	NO	YES	NO	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES
SPE-1	YES	YES	YES	SILL	SILL	SILL	SILL	YES	YES	YES
SPE-2	YES	YES	YES	SILL	SILL	SILL	SILL	YES	YES	YES
SSE-1	YES	YES	YES	YES	SILL	SILL	YES	NO	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	24-Apr	27-Apr	29-Apr	30-Apr	1-May	4-May	6-May	7-May	8-May	11-May
<b>CHAN'L VELOCITIES (N):</b>	2.8	2.9	2.9	2.3	3	2.9	2.9	3.2	2.6	2.4
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.7	537.7	537.5	537.3	537.5	537.4	537.5	537.8	537.6	537.5
Exit Pool	537.7	537.7	537.5	537.3	537.5	537.4	537.5	537.8	537.6	537.5
Makeup Diffuser	534.1	534.0	534.1	534.0	534.0	534.0	534.0	534.1	534.0	534.0
U S Picketed Leads	468.0	468.0	468.0	468.0	468.0	468.2	468.0	468.0	468.0	468.2
D S Picketed Leads	467.8	468.0	467.8	467.8	467.9	468.0	467.9	467.8	467.9	468.0
<b>South Fish Ladder</b>										
Forebay	537.7	537.7	537.5	537.4	537.6	537.4	537.5	537.8	537.6	537.5
Exit Pool	537.6	537.7	537.4	537.3	537.5	537.4	537.4	537.8	537.5	537.5
Makeup Diffuser	534.1	534.0	534.1	534.1	534.1	534.0	534.1	534.0	534.1	534.0
U S Picketed Leads	534.1	534.0	534.1	534.1	534.1	534.0	534.1	534.0	534.1	534.2
D S Picketed Leads	534.1	534.0	534.1	534.1	534.1	534.0	534.1	534.0	534.1	534.0
<b>Collection Channels</b>										
North Shore	441.8	441.6	441.1	441.4	441.2	441.0	441.5	441.0	441.5	441.1
South Powerhouse	441.5	441.4	440.7	441.0	441.0	440.8	441.2	440.5	441.2	441.0
South Shore	440.9	440.8	440.2	441.1	440.6	440.4	440.9	440.3	441.4	440.7
<b>Tailwater</b>										
North Shore	440.7	440.2	439.7	440.0	439.8	439.6	440.2	439.5	440.3	440.2
South Powerhouse	440.3	440.0	439.6	439.9	439.8	439.5	440.1	439.4	440.1	440.1
South Shore	439.9	439.7	439.0	439.6	439.3	439.0	439.5	439.0	440.1	439.6
<b>Entrance Weirs</b>										
NSE-1	432.4	432.0	431.6	431.7	431.7	431.5	432.1	431.4	432.2	432.1
NSE-2	432.6	432.1	431.6	431.7	431.7	431.6	432.0	431.4	432.2	432.1
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.7	431.6	431.0	431.6	431.2	431.0	431.5	431.0	432.0	431.5
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0
Counting Station	0.2	0.0	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0
Ladder Weirs	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
<b>Collection Channels</b>										
North Shore	1.1	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.2	0.9
South Powerhouse	1.2	1.4	1.1	1.1	1.2	1.3	1.1	1.1	1.1	0.9
South Shore	1.0	1.1	1.2	1.5	1.3	1.4	1.4	1.3	1.3	1.1
<b>Weir Depths</b>										
NSE-1	8.3	8.2	8.1	8.3	8.1	8.1	8.1	8.1	8.1	8.1
NSE-2	8.1	8.1	8.1	8.3	8.1	8.0	8.2	8.1	8.1	8.1
SPE-1	8.3	8.0	7.6	7.9	7.8	7.5	8.1	7.4	8.1	8.1
SPE-2	8.2	8.0	7.6	7.9	7.8	7.5	8.1	7.4	8.1	8.1
SSE-1	8.2	8.1	8.0	8.0	8.1	8.0	8.0	8.0	8.1	8.1
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	YES	YES	SILL	SILL	SILL	SILL	YES	SILL	YES	YES
SPE-2	YES	YES	SILL	SILL	SILL	SILL	YES	SILL	YES	YES
SSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	13-May	14-May	15-May	18-May	20-May	21-May	23-May	25-May	27-May	28-May
<b>CHAN'L VELOCITIES (N):</b>	2.6	1.7	1.6	1.5	2.3	1.8	1.8	1.5	1.7	1.7
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.0	537.6	537.4	537.5	537.4	537.6	537.5	537.2	538.1	537.2
Exit Pool	536.9	537.6	537.4	537.5	537.3	537.5	537.5	537.2	538.1	537.2
Makeup Diffuser	534.0	534.0	534.0	534.0	534.0	534.0	534.1	534.2	534.1	534.1
U S Picketed Leads	468.0	468.0	468.0	468.2	468.0	468.0	468.0	468.2	468.0	468.0
D S Picketed Leads	467.8	467.8	467.8	468.0	467.8	467.9	467.9	468.0	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	537.0	537.6	537.5	537.5	537.4	537.6	537.4	537.2	538.0	537.3
Exit Pool	537.0	537.5	537.4	537.5	537.3	537.5	537.4	537.2	538.0	537.3
Makeup Diffuser	534.0	534.0	534.0	534.0	534.0	534.1	534.0	534.0	534.1	534.1
U S Picketed Leads	534.0	534.0	534.0	534.2	534.0	534.1	534.0	534.0	534.1	534.1
D S Picketed Leads	534.0	534.0	534.0	534.0	534.0	534.1	534.0	534.0	534.1	534.1
<b>Collection Channels</b>										
North Shore	443.1	444.3	446.9	446.1	445.5	446.4	446.6	446.2	447.4	445.9
South Powerhouse	442.9	444.2	446.8	446.0	445.3	446.2	446.4	446.1	447.3	445.7
South Shore	442.9	443.3	445.0	444.5	444.3	444.7	444.9	444.5	445.6	444.5
<b>Tailwater</b>										
North Shore	441.8	443.0	445.6	444.7	443.9	444.8	445.2	444.7	446.2	444.5
South Powerhouse	441.8	443.2	445.7	444.4	444.0	444.5	445.3	444.5	446.2	444.4
South Shore	441.4	442.0	443.6	443.1	442.9	443.1	443.3	443.1	444.1	443.0
<b>Entrance Weirs</b>										
NSE-1	433.6	434.9	437.4	436.5	435.6	436.7	437.0	436.5	438.1	436.5
NSE-2	433.7	434.9	437.5	436.5	435.8	436.7	437.0	436.6	438.1	436.4
SPE-1	433.4	434.6	437.0	436.1	435.5	436.3	436.6	436.5	437.5	436.0
SPE-2	433.5	435.0	437.5	436.3	435.9	436.4	436.9	436.4	437.9	436.5
SSE-1	433.4	433.9	435.5	435.0	434.8	435.1	435.2	435.1	436.0	435.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Ladder Weirs	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.1
Counting Station	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1
<b>South Fish Ladder</b>										
Ladder Exit	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Ladder Weirs	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1
Counting Station	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.3	1.3	1.3	1.4	1.6	1.6	1.4	1.5	1.2	1.4
South Powerhouse	1.1	1.0	1.1	1.6	1.3	1.7	1.1	1.6	1.1	1.3
South Shore	1.5	1.3	1.4	1.4	1.4	1.6	1.6	1.4	1.5	1.5
<b>Weir Depths</b>										
NSE-1	8.2	8.1	8.2	8.2	8.3	8.1	8.2	8.2	8.1	8.0
NSE-2	8.1	8.1	8.1	8.2	8.1	8.1	8.2	8.1	8.1	8.1
SPE-1	8.4	8.6	8.7	8.3	8.5	8.2	8.7	8.0	8.7	8.4
SPE-2	8.3	8.2	8.2	8.1	8.1	8.1	8.4	8.1	8.3	7.9
SSE-1	8.0	8.1	8.1	8.1	8.1	8.0	8.1	8.0	8.1	8.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
SSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	29-May	1-Jun	3-Jun	4-Jun	5-Jun	8-Jun	10-Jun	11-Jun	13-Jun	15-Jun
<b>CHAN'L VELOCITIES (N):</b>	1.7	1.5	1.6	2.4	2.1	1.7	1.7	1.8	1.7	1.8
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.2	537.3	537.5	537.2	537.2	537.4	537.5	537.4	537.8	537.5
Exit Pool	537.2	537.3	537.5	537.2	537.2	537.4	537.5	537.3	537.8	537.5
Makeup Diffuser	534.1	534.2	534.0	534.2	534.1	534.2	534.1	534.1	534.1	534.2
U S Picketed Leads	468.0	468.2	468.0	468.0	468.0	468.0	468.0	468.0	468.0	468.2
D S Picketed Leads	467.9	468.0	467.8	467.8	467.8	468.0	467.9	467.9	467.9	468.0
<b>South Fish Ladder</b>										
Forebay	537.1	537.3	537.4	537.2	537.1	537.4	537.4	537.3	537.8	537.5
Exit Pool	537.1	537.3	537.4	537.1	537.1	537.4	537.4	537.2	537.7	537.5
Makeup Diffuser	534.1	534.0	534.0	534.1	534.1	534.0	534.1	534.1	534.1	534.0
U S Picketed Leads	534.1	534.0	534.0	534.1	534.1	534.0	534.1	534.1	534.1	534.2
D S Picketed Leads	534.1	534.0	534.0	534.1	534.1	534.0	534.1	534.1	534.1	534.0
<b>Collection Channels</b>										
North Shore	445.6	444.5	446.1	445.5	445.5	447.5	447.1	445.9	446.6	446.6
South Powerhouse	445.3	444.4	445.9	445.2	445.2	447.5	446.9	445.6	446.3	446.5
South Shore	444.4	443.7	444.4	444.2	444.4	445.6	445.1	444.5	445.0	445.2
<b>Tailwater</b>										
North Shore	444.3	443.2	444.7	444.1	444.2	446.5	445.9	444.6	445.2	445.3
South Powerhouse	444.2	443.0	444.7	444.2	444.1	446.0	445.8	444.6	445.3	445.0
South Shore	442.9	442.3	442.9	442.8	442.9	444.3	443.6	443.1	443.6	443.5
<b>Entrance Weirs</b>										
NSE-1	435.8	435.0	436.4	435.9	436.0	438.2	437.7	436.5	437.1	437.1
NSE-2	436.0	435.0	436.4	435.9	436.0	438.3	437.8	436.5	437.1	437.1
SPE-1	435.7	434.8	436.2	435.7	435.6	437.9	437.3	436.1	436.9	437.8
SPE-2	436.1	435.1	436.6	436.0	436.0	437.8	437.7	436.4	437.2	436.9
SSE-1	434.8	434.2	434.9	434.6	434.9	436.2	435.5	435.0	435.5	435.5
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Ladder Weirs	1.1	1.2	1.0	1.2	1.1	1.2	1.1	1.1	1.1	1.2
Counting Station	0.1	0.2	0.2	0.2	0.2	0.0	0.1	0.1	0.1	0.2
<b>South Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Ladder Weirs	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
<b>Collection Channels</b>										
North Shore	1.3	1.3	1.4	1.4	1.3	1.0	1.2	1.3	1.4	1.3
South Powerhouse	1.1	1.4	1.2	1.0	1.1	1.5	1.1	1.0	1.0	1.5
South Shore	1.5	1.4	1.5	1.4	1.5	1.3	1.5	1.4	1.4	1.7
<b>Weir Depths</b>										
NSE-1	8.5	8.2	8.3	8.2	8.2	8.3	8.2	8.1	8.1	8.2
NSE-2	8.3	8.2	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.2
SPE-1	8.5	8.2	8.5	8.5	8.5	8.1	8.5	8.5	8.4	7.2
SPE-2	8.1	7.9	8.1	8.2	8.1	8.2	8.1	8.2	8.1	8.1
SSE-1	8.1	8.1	8.0	8.2	8.0	8.1	8.1	8.1	8.1	8.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
SPE-2	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
SSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	17-Jun	18-Jun	19-Jun	22-Jun	24-Jun	25-Jun	26-Jun	27-Jun	1-Jul	2-Jul
<b>CHAN'L VELOCITIES (N):</b>	1.7	1.5	2	1.6	1.8	2	1.5	1.8	1.9	1.5
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.3	537.3	537.3	537.5	537.2	537.5	537.3	537.8	537.3	537.1
Exit Pool	537.3	537.3	537.3	537.5	537.2	537.5	537.3	537.8	537.3	537.1
Makeup Diffuser	534.1	534.1	534.0	534.2	534.1	534.1	534.1	534.2	534.1	534.1
U S Picketed Leads	468.0	468.0	468.0	468.2	468.0	468.0	468.0	468.0	468.0	468.0
D S Picketed Leads	467.9	467.9	467.9	468.0	467.9	467.9	467.9	468.0	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	537.3	537.3	537.2	537.5	537.2	537.5	537.2	537.8	537.2	537.1
Exit Pool	537.2	537.2	537.2	537.5	537.2	537.4	537.2	537.8	537.2	537.0
Makeup Diffuser	534.1	534.0	534.1	534.0	534.0	534.1	534.1	534.1	534.1	534.0
U S Picketed Leads	534.1	534.0	534.1	534.0	534.0	534.1	534.1	534.1	534.1	534.0
D S Picketed Leads	534.1	534.0	534.1	534.0	534.0	534.1	534.1	534.1	534.1	534.0
<b>Collection Channels</b>										
North Shore	445.7	445.2	444.6	445.2	446.5	446.6	445.5	445.5	444.8	444.3
South Powerhouse	445.6	445.0	444.5	445.1	446.4	446.4	445.4	445.4	444.7	444.0
South Shore	444.4	444.3	444.0	444.3	445.2	445.2	444.3	443.6	443.3	442.8
<b>Tailwater</b>										
North Shore	444.5	443.9	443.4	443.9	445.4	445.4	444.3	444.2	443.7	443.2
South Powerhouse	444.5	444.2	443.5	443.8	445.4	445.5	444.4	443.8	443.5	442.8
South Shore	443.0	443.0	442.6	442.9	443.4	443.9	443.2	442.3	442.0	441.6
<b>Entrance Weirs</b>										
NSE-1	436.3	435.8	435.2	435.8	437.3	437.4	436.3	436.2	435.7	435.1
NSE-2	436.3	435.9	435.1	435.8	437.4	437.5	436.3	436.2	435.6	435.1
SPE-1	436.1	435.6	435.0	435.8	437.0	437.0	436.0	435.8	435.0	434.4
SPE-2	436.3	435.9	435.5	435.7	437.3	437.5	436.2	435.7	435.3	434.7
SSE-1	435.0	434.9	434.5	434.8	435.3	435.8	435.2	434.2	434.0	433.6
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.0	1.2	1.1	1.1	1.1	1.2	1.1	1.1
Counting Station	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Ladder Weirs	1.1	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.2	1.3	1.2	1.3	1.1	1.2	1.2	1.3	1.1	1.1
South Powerhouse	1.1	0.8	1.0	1.3	1.0	0.9	1.0	1.6	1.2	1.2
South Shore	1.4	1.3	1.4	1.4	1.8	1.3	1.1	1.3	1.3	1.2
<b>Weir Depths</b>										
NSE-1	8.2	8.1	8.2	8.1	8.1	8.0	8.0	8.0	8.0	8.1
NSE-2	8.2	8.0	8.3	8.1	8.0	7.9	8.0	8.0	8.1	8.1
SPE-1	8.4	8.6	8.5	8.0	8.4	8.5	8.4	8.0	8.5	8.4
SPE-2	8.2	8.3	8.0	8.1	8.1	8.0	8.2	8.1	8.2	8.1
SSE-1	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.1	8.0	8.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	NO	YES	YES	YES	NO	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES
SPE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	6-Jul	8-Jul	9-Jul	10-Jul	13-Jul	15-Jul	16-Jul	17-Jul	20-Jul	22-Jul
<b>CHAN'L VELOCITIES (N):</b>	1.7	1.8	2	2.1	2.6	2.2	2.5	2.1	2.7	2.7
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.4	537.5	537.3	537.3	537.4	537.3	537.3	537.6	537.3	537.5
Exit Pool	537.4	537.5	537.2	537.3	537.4	537.3	537.3	537.6	537.3	537.5
Makeup Diffuser	534.2	534.1	534.1	534.0	534.2	534.0	534.1	534.0	534.2	534.0
U S Picketed Leads	468.2	468.1	468.0	468.0	468.2	468.0	468.0	468.0	468.2	468.0
D S Picketed Leads	468.0	467.9	467.9	467.9	468.0	467.9	467.9	467.9	468.0	467.9
<b>South Fish Ladder</b>										
Forebay	537.4	537.4	537.3	537.3	537.4	537.2	537.2	537.5	537.3	537.5
Exit Pool	537.4	537.4	537.1	537.2	537.4	537.2	537.1	537.5	537.3	537.5
Makeup Diffuser	534.0	534.0	534.0	534.0	534.0	534.0	534.1	534.1	534.0	534.0
U S Picketed Leads	534.2	534.1	534.1	534.0	534.0	534.0	534.0	534.1	534.0	534.0
D S Picketed Leads	534.0	534.1	534.0	534.0	534.0	534.0	534.0	534.1	534.0	534.0
<b>Collection Channels</b>										
North Shore	443.3	442.8	442.5	441.9	441.8	441.0	441.0	441.4	440.6	440.3
South Powerhouse	443.1	442.6	442.1	441.6	441.7	440.8	440.7	441.1	440.4	440.1
South Shore	441.9	442.1	441.8	441.2	441.2	440.4	440.3	440.8	439.5	439.6
<b>Tailwater</b>										
North Shore	442.2	441.7	441.3	440.8	440.7	439.8	439.7	440.2	439.1	439.0
South Powerhouse	441.8	441.5	441.1	440.5	440.5	439.7	439.6	440.0	438.9	438.9
South Shore	440.6	441.0	440.5	440.0	440.0	439.1	438.9	439.6	438.5	438.3
<b>Entrance Weirs</b>										
NSE-1	434.1	433.7	433.2	432.7	432.6	431.8	431.7	432.1	430.9	430.6
NSE-2	434.1	433.7	433.2	432.7	432.6	431.7	431.7	432.0	430.9	430.6
SPE-1	433.7	433.2	432.9	432.4	432.4	432.0	432.0	432.0	432.0	432.0
SPE-2	433.7	433.4	433.0	432.4	432.4	432.0	432.0	432.0	432.0	432.0
SSE-1	432.5	433.0	432.5	432.0	432.0	431.6	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.2	1.1	1.1	1.0	1.2	1.0	1.1	1.0	1.2	1.0
Counting Station	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1
<b>South Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Ladder Weirs	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0
Counting Station	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.1	1.1	1.2	1.1	1.1	1.2	1.3	1.2	1.5	1.3
South Powerhouse	1.3	1.1	1.0	1.1	1.2	1.1	1.1	1.1	1.5	1.2
South Shore	1.3	1.1	1.3	1.2	1.2	1.3	1.4	1.2	1.0	1.3
<b>Weir Depths</b>										
NSE-1	8.1	8.0	8.1	8.1	8.1	8.0	8.0	8.1	8.2	8.4
NSE-2	8.1	8.0	8.1	8.1	8.1	8.1	8.0	8.2	8.2	8.4
SPE-1	8.1	8.3	8.2	8.1	8.1	7.7	7.6	8.0	6.9	6.9
SPE-2	8.1	8.1	8.1	8.1	8.1	7.7	7.6	8.0	6.9	6.9
SSE-1	8.1	8.0	8.0	8.0	8.0	7.5	7.9	8.6	7.5	7.3
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	YES	YES	YES	YES	YES	SILL	SILL	YES	SILL	SILL
SPE-2	YES	YES	YES	YES	YES	SILL	SILL	YES	SILL	SILL
SSE-1	YES	YES	YES	YES	YES	NO	SILL	YES	SILL	SILL
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES



**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	23-Jul	24-Jul	27-Jul	29-Jul	30-Jul	31-Jul	3-Aug	5-Aug	6-Aug	7-Aug
<b>CHAN'L VELOCITIES (N):</b>	2.6	2.7	2.4	2.5	2.4	2.3	2	2.3	2.3	2.1
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.6	537.5	537.3	537.5	537.5	537.8	537.2	537.3	537.5	537.6
Exit Pool	537.6	537.5	537.3	537.5	537.4	537.8	537.2	537.3	537.4	537.6
Makeup Diffuser	534.1	534.0	534.2	534.0	534.1	534.1	534.2	534.1	534.1	534.1
U S Picketed Leads	468.0	468.0	468.2	468.0	468.0	468.0	468.2	468.0	468.0	468.0
D S Picketed Leads	467.9	467.9	468.0	467.9	467.9	467.9	468.0	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	537.6	537.4	537.3	537.6	537.5	537.8	537.2	537.2	537.5	537.6
Exit Pool	537.5	537.2	537.3	537.5	537.3	537.6	537.2	537.2	537.3	537.5
Makeup Diffuser	534.0	534.1	534.0	534.0	534.1	534.1	534.0	534.1	534.1	534.1
U S Picketed Leads	534.0	534.1	534.2	534.0	534.1	534.1	534.2	534.1	534.1	534.1
D S Picketed Leads	534.0	534.1	534.0	534.0	534.1	534.1	534.0	534.1	534.1	534.1
<b>Collection Channels</b>										
North Shore	440.5	440.8	439.7	440.4	439.8	439.6	439.4	439.0	439.4	439.0
South Powerhouse	440.1	440.6	439.6	440.1	439.5	439.4	439.3	438.9	439.0	438.9
South Shore	439.5	439.8	438.5	439.3	438.5	438.8	438.8	437.6	438.6	438.1
<b>Tailwater</b>										
North Shore	438.9	439.5	438.4	438.9	438.3	438.0	437.7	437.5	437.8	437.5
South Powerhouse	439.0	439.4	437.8	438.9	438.4	437.9	437.6	437.5	437.6	437.5
South Shore	438.3	438.5	437.4	438.2	437.4	437.3	437.7	436.3	436.6	436.8
<b>Entrance Weirs</b>										
NSE-1	430.9	431.4	430.3	430.9	430.0	429.8	429.6	429.3	429.9	429.4
NSE-2	430.8	431.3	430.2	430.8	430.1	429.9	429.4	429.2	429.7	429.3
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Ladder Weirs	1.1	1.0	1.2	1.0	1.1	1.1	1.2	1.1	1.1	1.1
Counting Station	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.2	0.0	0.1	0.2	0.2	0.0	0.0	0.2	0.1
Ladder Weirs	1.0	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1
Counting Station	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.6	1.3	1.3	1.5	1.5	1.6	1.7	1.5	1.6	1.5
South Powerhouse	1.1	1.2	1.8	1.2	1.1	1.5	1.7	1.4	1.4	1.4
South Shore	1.2	1.3	1.1	1.1	1.1	1.5	1.1	1.3	2.0	1.3
<b>Weir Depths</b>										
NSE-1	8.0	8.1	8.1	8.0	8.3	8.2	8.1	8.2	7.9	8.1
NSE-2	8.1	8.2	8.2	8.1	8.2	8.1	8.3	8.3	8.1	8.2
SPE-1	7.0	7.4	5.8	6.9	6.4	5.9	5.6	5.5	5.6	5.5
SPE-2	7.0	7.4	5.8	6.9	6.4	5.9	5.6	5.5	5.6	5.5
SSE-1	7.3	7.5	6.4	7.2	6.4	6.3	6.7	5.3	5.6	5.8
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	10-Aug	12-Aug	13-Aug	14-Aug	17-Aug	19-Aug	20-Aug	21-Aug	24-Aug	26-Aug
<b>CHAN'L VELOCITIES (N):</b>	2.1	2.1	1.8	1.7	1.5	1.7	1.9	1.9	1.6	2.1
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.8	537.6	537.4	537.3	537.6	537.5	537.3	537.7	537.5	537.5
Exit Pool	537.8	537.6	537.4	537.3	537.6	537.5	537.3	537.7	537.5	537.5
Makeup Diffuser	534.0	534.1	534.0	534.0	534.2	534.0	534.1	534.1	534.2	534.1
U S Picketed Leads	468.0	468.0	468.0	468.0	468.2	468.0	468.0	468.0	468.2	468.0
D S Picketed Leads	467.9	467.9	467.9	467.9	468.0	467.9	467.9	467.9	468.0	467.9
<b>South Fish Ladder</b>										
Forebay	537.9	537.6	537.5	537.3	537.6	537.5	537.2	537.6	537.4	537.5
Exit Pool	537.7	537.6	537.4	537.3	537.6	537.5	537.2	537.6	537.4	537.5
Makeup Diffuser	534.1	534.0	534.0	534.0	534.0	534.0	534.0	534.1	534.0	534.1
U S Picketed Leads	534.1	534.0	534.0	534.0	534.0	534.0	534.1	534.1	534.2	534.1
D S Picketed Leads	534.1	534.0	534.0	534.0	534.0	534.0	534.0	534.1	534.0	534.1
<b>Collection Channels</b>										
North Shore	438.7	439.2	438.4	438.8	438.8	438.6	438.6	438.4	438.8	439.2
South Powerhouse	438.9	438.9	438.5	438.7	438.6	438.5	438.5	438.3	438.7	439.1
South Shore	437.9	438.3	438.0	438.0	437.7	438.0	438.1	437.7	438.3	439.0
<b>Tailwater</b>										
North Shore	437.6	437.9	437.4	437.6	437.1	437.4	437.5	437.0	437.6	437.9
South Powerhouse	437.6	437.8	437.5	437.5	437.0	437.4	437.4	437.0	437.5	437.9
South Shore	436.6	437.1	436.7	436.7	436.4	436.7	436.7	436.5	436.9	437.0
<b>Entrance Weirs</b>										
NSE-1	429.2	429.7	429.4	429.5	429.0	429.1	429.0	429.0	429.6	429.7
NSE-2	429.2	429.7	429.3	429.4	429.0	429.1	429.0	429.0	429.4	429.7
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.0	1.1	1.0	1.0	1.2	1.0	1.1	1.1	1.2	1.1
Counting Station	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1
<b>South Fish Ladder</b>										
Ladder Exit	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
<b>Collection Channels</b>										
North Shore	1.1	1.3	1.0	1.2	1.7	1.2	1.1	1.4	1.2	1.3
South Powerhouse	1.3	1.1	1.0	1.2	1.6	1.1	1.1	1.3	1.2	1.2
South Shore	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.2	1.4	2.0
<b>Weir Depths</b>										
NSE-1	8.4	8.2	8.0	8.1	8.1	8.3	8.5	8.0	8.0	8.2
NSE-2	8.4	8.2	8.1	8.2	8.1	8.3	8.5	8.0	8.2	8.2
SPE-1	5.6	5.8	5.5	5.5	5.0	5.4	5.4	5.0	5.5	5.9
SPE-2	5.6	5.8	5.5	5.5	5.0	5.4	5.4	5.0	5.5	5.9
SSE-1	5.6	6.1	5.7	5.7	5.4	5.7	5.7	5.5	5.9	6.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	27-Aug	28-Aug	31-Aug	2-Sep	3-Sep	4-Sep	7-Sep	9-Sep	10-Sep	14-Sep
<b>CHAN'L VELOCITIES (N):</b>	2	2	2.2	2.3	2	2.4	1.6	2.1	1.6	1.3
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	537.6	537.5	537.6	538.5	539.1	539.1	538.2	538.8	538.5	538.8
Exit Pool	537.6	537.5	537.6	538.5	539.1	539.1	538.2	538.7	538.4	538.8
Makeup Diffuser	534.0	534.1	534.2	534.1	534.1	534.0	534.2	534.1	534.1	534.2
U S Picketed Leads	468.0	468.0	468.2	468.1	468.1	468.1	468.0	468.1	468.1	468.2
D S Picketed Leads	467.8	467.9	468.0	467.9	467.9	467.9	468.0	467.9	467.9	468.0
<b>South Fish Ladder</b>										
Forebay	537.6	537.5	537.6	538.5	539.1	539.1	538.2	538.8	538.5	538.8
Exit Pool	537.6	537.5	537.6	538.4	539.0	539.0	538.2	538.5	538.2	538.8
Makeup Diffuser	534.1	534.1	534.0	534.1	534.1	534.1	534.0	534.0	534.0	534.0
U S Picketed Leads	534.1	534.1	534.2	534.1	534.1	534.1	534.2	534.0	534.0	534.2
D S Picketed Leads	534.1	534.1	534.0	534.1	534.1	534.1	534.0	534.0	534.0	534.0
<b>Collection Channels</b>										
North Shore	439.2	438.8	439.6	440.1	440.4	440.9	439.4	440.9	440.8	440.4
South Powerhouse	439.4	438.7	439.5	439.9	440.2	440.6	439.2	440.7	440.6	440.3
South Shore	438.5	438.0	438.7	440.0	440.3	440.4	438.9	440.7	440.7	440.2
<b>Tailwater</b>										
North Shore	437.8	437.5	438.2	438.8	439.1	439.6	437.8	439.7	439.6	439.1
South Powerhouse	437.8	437.5	438.0	438.7	439.1	439.4	437.8	439.6	439.6	439.1
South Shore	437.4	436.6	437.3	438.7	439.1	439.1	437.7	439.4	439.5	439.0
<b>Entrance Weirs</b>										
NSE-1	429.7	429.3	430.0	430.7	430.8	431.4	429.6	431.7	431.4	431.0
NSE-2	429.6	429.3	430.0	430.7	430.8	431.4	429.6	431.6	431.3	431.0
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Ladder Weirs	1.0	1.1	1.2	1.1	1.1	1.0	1.2	1.1	1.1	1.2
Counting Station	0.2	0.1	0.2	0.2	0.2	0.2	0.0	0.2	0.2	0.2
<b>South Fish Ladder</b>										
Ladder Exit	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.3	0.3	0.0
Ladder Weirs	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0
Counting Station	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.2
<b>Collection Channels</b>										
North Shore	1.4	1.3	1.4	1.3	1.3	1.3	1.6	1.2	1.2	1.3
South Powerhouse	1.6	1.2	1.5	1.2	1.1	1.2	1.4	1.1	1.0	1.2
South Shore	1.1	1.4	1.4	1.3	1.2	1.3	1.2	1.3	1.2	1.2
<b>Weir Depths</b>										
NSE-1	8.1	8.2	8.2	8.1	8.3	8.2	8.2	8.0	8.2	8.1
NSE-2	8.2	8.2	8.2	8.1	8.3	8.2	8.2	8.1	8.3	8.1
SPE-1	5.8	5.5	6.0	6.7	7.1	7.4	5.8	7.6	7.6	7.1
SPE-2	5.8	5.5	6.0	6.7	7.1	7.4	5.8	7.6	7.6	7.1
SSE-1	6.4	5.6	6.3	7.7	8.1	8.1	6.7	8.4	8.5	8.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	SILL	SILL	SILL	YES	YES	SILL	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	16-Sep	17-Sep	18-Sep	21-Sep	23-Sep	24-Sep	25-Sep	28-Sep	30-Sep	1-Oct
<b>CHAN'L VELOCITIES (N):</b>	1.9	2	2	1.8	1.9	1.8	1.6	1.5	1.5	1.3
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	539.0	538.6	537.9	537.8	538.8	538.6	538.9	539.2	538.7	538.7
Exit Pool	539.0	538.5	537.9	537.8	538.8	538.6	538.9	539.2	538.7	538.6
Makeup Diffuser	534.1	534.1	534.1	534.2	534.1	534.1	534.1	534.2	534.1	534.1
U S Picketed Leads	468.0	468.1	468.1	468.2	468.1	468.0	468.0	468.2	468.1	468.1
D S Picketed Leads	467.9	467.9	467.9	468.0	467.9	467.9	467.9	468.0	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	539.1	538.6	537.9	537.8	538.7	538.6	538.9	539.2	538.8	538.8
Exit Pool	539.0	538.6	537.8	537.8	538.6	538.5	538.8	539.2	538.7	538.6
Makeup Diffuser	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0
U S Picketed Leads	534.1	534.0	534.1	534.2	534.1	534.1	534.0	534.2	534.1	534.1
D S Picketed Leads	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0	534.0
<b>Collection Channels</b>										
North Shore	440.3	440.6	440.8	440.5	440.2	441.0	440.9	440.8	440.1	440.7
South Powerhouse	440.1	440.4	440.2	440.3	440.0	440.7	440.8	440.6	439.9	440.4
South Shore	440.0	440.3	440.1	440.0	439.8	440.7	440.2	440.5	439.9	440.0
<b>Tailwater</b>										
North Shore	438.7	439.0	439.1	438.8	438.6	439.4	439.5	439.3	438.7	439.1
South Powerhouse	438.7	438.9	438.7	438.5	438.5	439.5	439.5	439.2	438.7	438.9
South Shore	438.7	439.0	438.8	438.7	438.4	439.4	438.8	439.1	438.6	438.7
<b>Entrance Weirs</b>										
NSE-1	430.6	430.8	431.0	430.6	430.5	431.4	431.2	431.2	430.5	431.0
NSE-2	430.6	430.8	431.1	430.6	430.5	431.4	431.2	431.2	430.6	431.0
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Ladder Weirs	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1
Counting Station	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.2
Ladder Weirs	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Counting Station	0.1	0.0	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1
<b>Collection Channels</b>										
North Shore	1.6	1.6	1.7	1.7	1.6	1.6	1.4	1.5	1.4	1.6
South Powerhouse	1.4	1.5	1.5	1.8	1.5	1.2	1.3	1.4	1.2	1.5
South Shore	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.3	1.3
<b>Weir Depths</b>										
NSE-1	8.1	8.2	8.1	8.2	8.1	8.0	8.3	8.1	8.2	8.1
NSE-2	8.1	8.2	8.0	8.2	8.1	8.0	8.3	8.1	8.1	8.1
SPE-1	6.7	6.9	6.7	6.5	6.5	7.5	7.5	7.2	6.7	6.9
SPE-2	6.7	6.9	6.7	6.5	6.5	7.5	7.5	7.2	6.7	6.9
SSE-1	7.7	8.0	7.8	7.7	7.4	8.4	7.8	8.1	7.6	7.7
SSE-2 (feet above sill)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	YES	SILL	SILL	SILL	YES	SILL	YES	SILL	SILL
SSE-2 (feet above sill)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	2-Oct	4-Oct	5-Oct	8-Oct	11-Oct	12-Oct	13-Oct	17-Oct	18-Oct	20-Oct
<b>CHAN'L VELOCITIES (N):</b>	1.5	1.5	1.6	2.4	1.7	1.6	1.5	1.8	1.6	1.8
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	538.6	539.1	538.9	539.1	538.8	538.6	538.6	539.4	538.8	539.3
Exit Pool	538.6	539.0	538.9	539.0	538.6	538.6	538.5	539.3	538.7	539.1
Makeup Diffuser	534.1	534.0	534.2	534.1	534.0	534.2	534.1	534.1	534.1	534.1
U S Picketed Leads	468.2	468.0	468.2	468.1	468.0	468.2	468.1	468.1	468.1	468.2
D S Picketed Leads	467.9	467.9	468.0	467.9	467.9	468.0	467.9	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	538.6	539.1	538.9	539.1	538.8	538.6	538.6	538.4	538.7	539.3
Exit Pool	538.5	539.0	538.9	539.0	538.6	538.6	538.6	538.3	538.6	539.2
Makeup Diffuser	534.0	534.0	534.0	533.8	534.0	534.0	534.0	533.8	534.0	534.0
U S Picketed Leads	534.0	534.0	534.2	533.9	534.1	534.0	534.1	533.8	534.0	534.0
D S Picketed Leads	534.0	534.0	534.0	533.8	534.0	534.0	534.0	533.8	534.0	534.0
<b>Collection Channels</b>										
North Shore	440.6	440.8	440.9	440.1	440.6	440.7	440.4	440.7	440.2	441.0
South Powerhouse	440.5	440.6	440.7	439.4	440.3	440.6	440.1	440.5	440.0	440.8
South Shore	440.2	440.3	440.4	439.8	440.0	440.3	439.8	440.3	440.0	440.6
<b>Tailwater</b>										
North Shore	439.0	439.1	439.1	438.5	438.9	439.2	438.8	439.1	438.7	439.4
South Powerhouse	439.0	439.1	439.1	438.4	439.0	439.1	438.8	439.1	438.7	439.4
South Shore	439.0	439.1	439.1	438.6	438.7	439.1	438.4	439.1	438.7	439.4
<b>Entrance Weirs</b>										
NSE-1	430.8	431.0	431.1	430.4	430.6	431.0	430.7	431.1	430.6	431.3
NSE-2	430.9	431.0	431.0	430.3	430.7	431.0	430.7	431.0	430.6	431.2
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.1	431.0	431.1
SSE-2 (feet above sill)	0.0	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.0	0.1	0.0	0.1	0.2	0.0	0.1	0.1	0.1	0.2
Ladder Weirs	1.1	1.0	1.2	1.1	1.0	1.2	1.1	1.1	1.1	1.1
Counting Station	0.3	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.1	0.1	0.1
Ladder Weirs	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	1.0
Counting Station	0.0	0.0	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.6	1.7	1.8	1.6	1.7	1.5	1.6	1.6	1.5	1.6
South Powerhouse	1.5	1.5	1.6	1.0	1.3	1.5	1.3	1.4	1.3	1.4
South Shore	1.2	1.2	1.3	1.2	1.3	1.2	1.4	1.2	1.3	1.2
<b>Weir Depths</b>										
NSE-1	8.2	8.1	8.0	8.1	8.3	8.2	8.1	8.0	8.1	8.1
NSE-2	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.1	8.1	8.2
SPE-1	7.0	7.1	7.1	6.4	7.0	7.1	6.8	7.1	6.7	7.4
SPE-2	7.0	7.1	7.1	6.4	7.0	7.1	6.8	7.1	6.7	7.4
SSE-1	8.0	8.1	8.1	7.6	7.7	8.1	7.4	8.0	7.7	8.3
SSE-2 (feet above sill)	0.0	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	YES	YES	YES	SILL	SILL	YES	SILL	YES	SILL	YES
SSE-2 (feet above sill)	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	24-Oct	26-Oct	27-Oct	31-Oct	2-Nov	3-Nov	7-Nov	8-Nov	9-Nov	15-Nov
<b>CHAN'L VELOCITIES (N):</b>	1.5	2.4	2.4	1.5	2.2	2.2	1.5	2.4	2.2	2.2
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	539.3	538.1	539.0	539.1	538.7	538.4	538.5	538.7	538.7	538.9
Exit Pool	539.1	538.0	538.9	539.0	538.6	538.4	538.4	538.6	538.7	538.8
Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
U S Picketed Leads	468.1	468.1	468.0	468.1	468.0	467.9	467.9	467.9	467.9	467.9
D S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	539.3	538.1	538.8	539.1	538.8	538.5	538.5	538.7	538.7	538.9
Exit Pool	539.2	538.1	538.6	539.0	538.8	538.4	538.5	538.6	538.7	538.9
Makeup Diffuser	534.1	534.0	534.0	534.1	534.0	534.1	534.1	534.0	534.0	534.1
U S Picketed Leads	534.1	534.1	534.0	534.1	534.0	534.1	534.1	534.1	534.1	534.1
D S Picketed Leads	534.1	534.0	534.0	534.1	534.0	534.1	534.1	534.0	534.0	534.1
<b>Collection Channels</b>										
North Shore	439.9	440.9	441.0	440.6	440.4	440.5	440.0	439.5	440.1	439.1
South Powerhouse	439.7	440.9	440.8	440.4	440.2	440.1	440.0	439.1	440.0	439.1
South Shore	439.9	440.3	440.2	440.3	440.0	439.8	440.3	439.4	439.7	438.9
<b>Tailwater</b>										
North Shore	438.7	439.4	439.7	439.3	439.0	439.0	438.6	438.0	438.7	437.7
South Powerhouse	438.6	439.4	439.6	439.2	438.9	438.8	438.7	438.1	438.7	437.7
South Shore	438.8	439.1	439.0	439.1	438.8	438.6	439.1	438.1	438.4	437.7
<b>Entrance Weirs</b>										
NSE-1	430.6	431.3	431.6	431.1	430.8	430.9	430.4	430.0	430.6	429.5
NSE-2	430.6	431.3	431.5	431.1	430.8	430.9	430.4	429.9	430.6	429.5
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.1	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.2	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.0	0.2	0.1	0.0	0.1	0.0	0.1	0.0	0.0
Ladder Weirs	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.1
Counting Station	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
<b>Collection Channels</b>										
North Shore	1.2	1.5	1.3	1.3	1.4	1.5	1.4	1.5	1.4	1.4
South Powerhouse	1.1	1.5	1.2	1.2	1.3	1.3	1.3	1.0	1.3	1.4
South Shore	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2
<b>Weir Depths</b>										
NSE-1	8.1	8.1	8.1	8.2	8.2	8.1	8.2	8.0	8.1	8.2
NSE-2	8.1	8.1	8.2	8.2	8.2	8.1	8.2	8.1	8.1	8.2
SPE-1	6.6	7.4	7.6	7.2	6.9	6.8	6.7	6.1	6.7	5.7
SPE-2	6.6	7.4	7.6	7.2	6.9	6.8	6.7	6.1	6.7	5.7
SSE-1	7.8	8.1	8.0	8.1	7.8	7.6	8.0	7.1	7.4	6.7
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	YES	YES	YES	SILL	SILL	YES	SILL	SILL	SILL
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	16-Nov	17-Nov	21-Nov	22-Nov	23-Nov	28-Nov	29-Nov	1-Dec	5-Dec	7-Dec
<b>CHAN'L VELOCITIES (N):</b>	1.7	1.8	1.6	2.0	1.6	2.0	2.0	2.0	2.4	1.6
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	538.7	538.8	539.3	539.3	539.0	538.6	539.0	539.1	539.0	539.7
Exit Pool	538.6	538.6	539.1	539.2	538.9	538.5	538.8	538.9	538.8	539.6
Makeup Diffuser	534.1	534.1	534.1	534.2	534.1	534.1	534.1	534.1	534.1	534.1
U S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
D S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	538.9	538.8	539.3	539.3	539.0	538.6	539.1	539.2	539.0	538.8
Exit Pool	538.8	538.7	539.3	539.3	539.0	538.5	539.0	539.2	538.9	538.7
Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
U S Picketed Leads	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
D S Picketed Leads	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
<b>Collection Channels</b>										
North Shore	440.2	440.0	439.6	440.8	441.1	440.2	440.1	440.5	439.9	439.9
South Powerhouse	440.1	440.0	439.4	440.4	441.0	440.3	440.1	440.1	439.8	439.6
South Shore	440.4	439.8	439.4	440.5	440.8	440.5	440.0	440.0	439.7	439.5
<b>Tailwater</b>										
North Shore	438.8	438.6	438.1	439.5	439.7	438.9	438.6	439.0	438.6	438.4
South Powerhouse	438.8	438.6	438.0	439.1	439.7	439.2	438.8	439.0	438.4	438.3
South Shore	439.2	438.6	438.1	439.3	439.6	439.2	438.8	438.8	438.4	438.3
<b>Entrance Weirs</b>										
NSE-1	430.7	430.4	430.0	431.3	431.5	430.6	430.6	430.6	430.6	430.3
NSE-2	430.7	430.4	429.9	431.3	431.5	430.6	430.6	430.6	430.6	430.3
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1
Ladder Weirs	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.4	1.4	1.5	1.3	1.4	1.3	1.5	1.5	1.3	1.5
South Powerhouse	1.3	1.4	1.4	1.3	1.3	1.1	1.3	1.1	1.4	1.3
South Shore	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.2	1.3	1.2
<b>Weir Depths</b>										
NSE-1	8.1	8.2	8.1	8.2	8.2	8.3	8.0	8.4	8.0	8.1
NSE-2	8.1	8.2	8.2	8.2	8.2	8.3	8.0	8.4	8.0	8.1
SPE-1	6.8	6.6	6.0	7.1	7.7	7.2	6.8	7.0	6.4	6.3
SPE-2	6.8	6.6	6.0	7.1	7.7	7.2	6.8	7.0	6.4	6.3
SSE-1	8.2	7.6	7.1	8.3	8.6	8.2	7.8	7.8	7.4	7.3
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	YES	SILL	SILL	YES	YES	YES	SILL	SILL	SILL	SILL
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

**APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS**

**2011**

<b>DATES:</b>	8-Dec	12-Dec	13-Dec	15-Dec	19-Dec	20-Dec	21-Dec	27-Dec	28-Dec	29-Dec
<b>CHAN'L VELOCITIES (N):</b>	1.7	1.9	1.9	1.5	1.5	1.7	2.0	1.9	1.6	2.0
<b>ELEVATIONS:</b>										
<b>North Fish Ladder</b>										
Forebay	538.8	539.0	538.4	538.6	538.7	538.8	538.9	539.1	539.2	539.0
Exit Pool	538.6	538.8	538.3	538.4	538.6	538.6	538.6	538.8	538.8	538.6
Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
U S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	468.0	467.9	467.9
D S Picketed Leads	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
<b>South Fish Ladder</b>										
Forebay	538.8	539.0	538.5	538.5	538.7	538.8	539.0	539.1	539.0	539.0
Exit Pool	538.7	539.0	538.5	538.5	538.7	538.6	538.8	539.0	539.0	539.0
Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.0	534.1	534.1
U S Picketed Leads	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.1
D S Picketed Leads	534.1	534.1	534.1	534.1	534.1	534.1	534.1	534.0	534.1	534.1
<b>Collection Channels</b>										
North Shore	440.0	440.9	440.7	440.4	440.8	440.8	440.8	440.5	440.9	440.7
South Powerhouse	439.8	440.9	440.7	440.2	440.7	440.7	440.7	440.4	440.7	440.6
South Shore	439.9	440.6	440.4	439.9	440.6	440.2	440.6	440.4	440.6	440.4
<b>Tailwater</b>										
North Shore	438.5	439.7	439.5	438.8	439.5	439.6	439.5	439.3	439.6	439.4
South Powerhouse	438.5	439.7	439.4	438.8	439.5	439.6	439.5	439.3	439.5	439.4
South Shore	438.7	439.4	439.1	438.6	439.4	438.9	439.4	439.2	439.4	439.2
<b>Entrance Weirs</b>										
NSE-1	430.4	431.5	431.3	430.7	431.4	431.3	431.3	431.0	431.5	431.2
NSE-2	430.4	431.5	431.3	430.7	431.4	431.4	431.3	431.0	431.5	431.2
SPE-1	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SPE-2	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
SSE-1	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>DIFFERENTIALS/DEPTHS:</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0.2	0.2	0.1	0.2	0.1	0.2	0.3	0.3	0.4	0.4
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
<b>South Fish Ladder</b>										
Ladder Exit	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
<b>Collection Channels</b>										
North Shore	1.5	1.2	1.2	1.6	1.3	1.2	1.3	1.2	1.3	1.3
South Powerhouse	1.3	1.2	1.3	1.4	1.2	1.1	1.2	1.1	1.2	1.2
South Shore	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.2
<b>Weir Depths</b>										
NSE-1	8.1	8.2	8.2	8.1	8.1	8.3	8.2	8.3	8.1	8.2
NSE-2	8.1	8.2	8.2	8.1	8.1	8.2	8.2	8.3	8.1	8.2
SPE-1	6.5	7.7	7.4	6.8	7.5	7.6	7.5	7.3	7.5	7.4
SPE-2	6.5	7.7	7.4	6.8	7.5	7.6	7.5	7.3	7.5	7.4
SSE-1	7.7	8.4	8.1	7.6	8.4	7.9	8.4	8.2	8.4	8.2
SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
<b>CRITERIA POINTS:</b>										
<b>Channel Velocities</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>South Fish Ladder</b>										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Collection Channels</b>										
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<b>Weir Depths</b>										
NSE-1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE-2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SSE-1	SILL	YES	YES	SILL	YES	SILL	YES	YES	YES	YES
SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES





Max	Min
539.9	537.0
539.8	536.9
534.2	534.0
468.2	467.9
468.0	467.8
539.7	537.0
539.5	537.0
534.3	533.8
534.2	533.8
534.2	533.8
447.5	438.4
447.5	438.3
445.6	437.6
446.5	437.0
446.2	437.0
444.3	436.3
438.2	429.0
438.3	429.0
437.9	432.0
437.9	432.0
436.2	431.0
7.0	0.0
0.4	0.0
1.2	1.0
0.3	0.0
0.4	0.0
1.3	0.8
0.2	0.0
1.8	0.8
1.8	0.8
2.0	1.0
8.5	7.9
8.5	7.9
8.7	5.0
8.4	5.0
8.6	5.3
7.0	0.0



Columns in Table	This table automatically calculates all results. Just copy the data (only) into the Word file table.								Rows in Table
1	2	3	4	5	6	7	8	9	



CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
North Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
South Fish Ladder										
Ladder Exit	NA	1	1	1	1	1	1	1	1	1
Ladder Weirs	NA	1	1	1	1	1	1	1	1	1
Counting Station	NA	1	1	1	1	1	1	1	1	1
Collection Channels										
North Shore	1	1	1	1	1	1	1	1	1	1
South Powerhouse	1	1	1	1	1	1	1	1	1	1
South Shore	NA	1	1	1	1	1	1	1	1	1
Weir Depths										
NSE-1	1	1	1	1	1	1	1	1	1	1
NSE-2	1	1	1	1	1	1	1	1	1	1
SPE-1	0	0	0	1	1	1	1	1	1	1
SPE-2	0	0	0	1	1	1	1	1	1	1
SSE-1	NA	0	1	1	1	1	1	1	1	1
SSE-2 (feet above sill)	NA	0	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
North Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
South Fish Ladder										
Ladder Exit	NA	0	0	0	0	0	0	0	0	0
Ladder Weirs	NA	0	0	0	0	0	0	0	0	0
Counting Station	NA	0	0	0	0	0	0	0	0	0
Collection Channels										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	NA	0	0	0	0	0	0	0	0	0
Weir Depths										
NSE-1	0	0	0	0	0	0	0	0	0	0
NSE-2	0	0	0	0	0	0	0	0	0	0
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	NA	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)	NA	1	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
NSE-1										
NSE-2										
SPE-1	1	1	1	0	0	0	0	0	0	0
SPE-2	1	1	1	0	0	0	0	0	0	0
SSE-1	NA	1	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)										

**OUT OF CRITERIA SITUATIONS BY INCREMENTS - THESE SHOULD MATCH THE "NOS" ABOVE.**

<b>North Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									

CRITERIA POINTS: YES	(Output = 0, 1, or NA)									(Output = 0)
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
North Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
South Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
Collection Channels										
North Shore	1	1	1	1	1	1	1	1	1	1
South Powerhouse	1	1	1	1	1	1	1	1	1	1
South Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
NSE-1	1	1	1	1	1	1	1	1	1	1
NSE-2	1	1	1	1	1	1	1	1	1	1
SPE-1	1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1	1
SSE-1	1	1	1	1	1	1	1	1	1	1
SSE-2 (feet above sill)	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO	(Output = 0, 1, or NA)									(Output = 0)
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
North Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
South Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
Collection Channels										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
NSE-1	0	0	0	0	0	0	0	0	0	0
NSE-2	0	0	0	0	0	0	0	0	0	0
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL	(Output = 0, 1, or NA)									(Output = 0)
Weir Depths										
NSE-1										
NSE-2										
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)										

<b>North Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab
<b>North Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab
<b>North Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab
<b>North Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab
<b>South Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab



























CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
<b>South Fish Ladder</b>										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
<b>Collection Channels</b>										
North Shore	1	1	1	1	1	1	1	1	1	1
South Powerhouse	1	1	1	1	1	1	1	1	1	1
South Shore	1	1	1	1	1	1	1	1	1	1
<b>Weir Depths</b>										
NSE-1	1	1	1	1	1	1	1	1	1	1
NSE-2	1	1	1	1	1	1	1	1	1	1
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	1	1	1	0	0	1	0	0	0
SSE-2 (feet above sill)	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
<b>Differentials</b>										
<b>North Fish Ladder</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Fish Ladder</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Collection Channels</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Weir Depths</b>										
NSE-1	0	0	0	0	0	0	0	0	0	0
NSE-2	0	0	0	0	0	0	0	0	0	0
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
<b>Weir Depths</b>										
NSE-1										
NSE-2										
SPE-1	1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1	1
SSE-1	1	0	0	0	1	1	0	1	1	1
SSE-2 (feet above sill)										

<b>North Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
North Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
South Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
Collection Channels										
North Shore	1	1	1	1	1	1	1	1	1	1
South Powerhouse	1	1	1	1	1	1	1	1	1	1
South Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
NSE-1	1	1	1	1	1	1	1	1	1	1
NSE-2	1	1	1	1	1	1	1	1	1	1
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	1	0	0	1	1	1	0	0	0	0
SSE-2 (feet above sill)	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
North Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
South Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
Collection Channels										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
NSE-1	0	0	0	0	0	0	0	0	0	0
NSE-2	0	0	0	0	0	0	0	0	0	0
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
NSE-1										
NSE-2										
SPE-1	1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1	1
SSE-1	0	1	1	0	0	0	1	1	1	1
SSE-2 (feet above sill)										

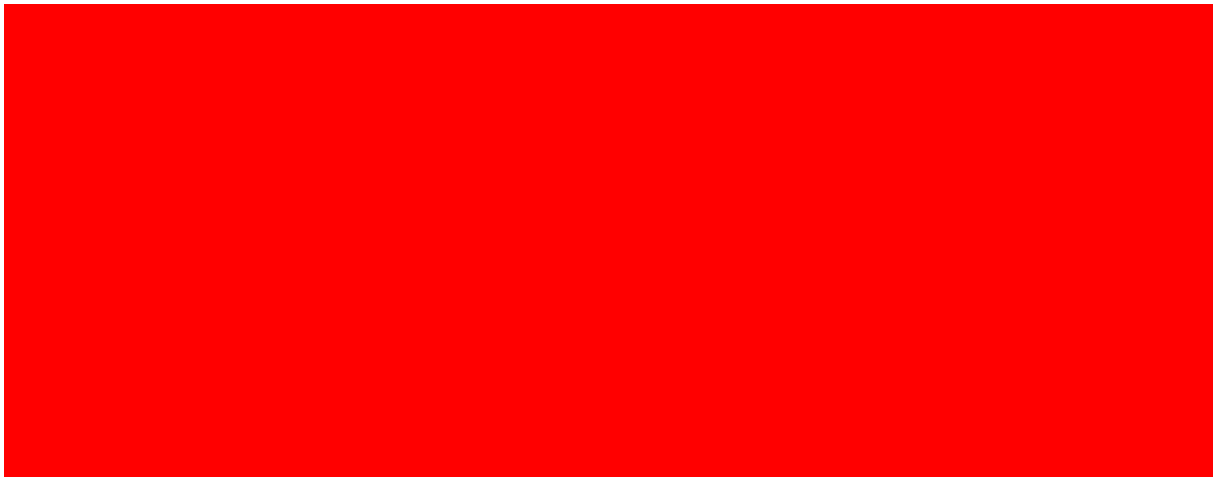
<b>North Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
North Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
South Fish Ladder										
Ladder Exit	1	1	1	1	1	1	1	1	1	1
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	1	1	1	1	1	1	1	1	1	1
Collection Channels										
North Shore	1	1	1	1	1	1	1	1	1	1
South Powerhouse	1	1	1	1	1	1	1	1	1	1
South Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
NSE-1	1	1	1	1	1	1	1	1	1	1
NSE-2	1	1	1	1	1	1	1	1	1	1
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	1	1	0	1	0	1	1	1	1
SSE-2 (feet above sill)	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
North Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
South Fish Ladder										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
Collection Channels										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
NSE-1	0	0	0	0	0	0	0	0	0	0
NSE-2	0	0	0	0	0	0	0	0	0	0
SPE-1	0	0	0	0	0	0	0	0	0	0
SPE-2	0	0	0	0	0	0	0	0	0	0
SSE-1	0	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
NSE-1										
NSE-2										
SPE-1	1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1	1
SSE-1	1	0	0	1	0	1	0	0	0	0
SSE-2 (feet above sill)										

<b>North Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>North Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>North Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.11 - 0.2 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									



CRITERIA POINTS: YES	No. of YES	Total No. of Inspections	% YES
<b>Channel Velocities</b>	158	160	98.8
<b>Differentials</b>			
<b>North Fish Ladder</b>			
Ladder Exit	160	160	100.0
Ladder Weirs	160	160	100.0
Counting Station	160	160	100.0
<b>South Fish Ladder</b>			
Ladder Exit	159	159	100.0
Ladder Weirs	157	159	98.7
Counting Station	159	159	100.0
<b>Collection Channels</b>			
North Shore	158	160	98.8
South Powerhouse	155	160	96.9
South Shore	159	159	100.0
<b>Weir Depths</b>			
NSE-1	159	160	99.4
NSE-2	158	160	98.8
SPE-1	63	160	39.4
SPE-2	62	160	38.8
SSE-1	100	159	62.9
SSE-2 (feet above sill)	143	159	89.9

CRITERIA POINTS: NO	No. of NO	% NO
<b>Channel Velocities</b>	2	1.3
<b>Differentials</b>		
<b>North Fish Ladder</b>		
Ladder Exit	0	0.0
Ladder Weirs	0	0.0
Counting Station	0	0.0
<b>South Fish Ladder</b>		
Ladder Exit	0	0.0
Ladder Weirs	2	1.3
Counting Station	0	0.0
<b>Collection Channels</b>		
North Shore	2	1.3
South Powerhouse	5	3.1
South Shore	0	0.0
<b>Weir Depths</b>		
NSE-1	1	0.6
NSE-2	2	1.3
SPE-1	1	0.6
SPE-2	2	1.3
SSE-1	2	1.3
SSE-2 (feet above sill)	16	10.1

CRITERIA POINTS: SILL	No. of SILL	% SILL
<b>Weir Depths</b>		
NSE-1	Not Applic.	Not Applic.
NSE-2	Not Applic.	Not Applic.
SPE-1	96	60.0
SPE-2	96	60.0
SSE-1	57	35.8
SSE-2 (feet above sill)	Not Applic.	Not Applic.

Numbers in green below should add to numbers in green above.

Numbers in yellow below should add to numbers in yellow above.

Numbers in blue below should add to numbers in blue above.

**North Ladder Differentials (more than 0.2 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.

**North Ladder Differentials (0.11 - 0.2 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.

**North Ladder Differentials (0.01 - 0.1 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.

**North Ladder Differentials (0.01 - 0.1 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**North Ladder Differentials (0.11 - 0.2 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**North Ladder Differentials (more than 0.2 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**South Ladder Differentials (more than 0.2 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.

**South Ladder Differentials (0.11 - 0.2 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	2
Counting Station	Not applicable.

LOWER MONUMENTAL Criteria and Locations	No. in Criteria/ No. on Sill/ No. of Inspections	% In Criteria/ % On Sill	-----Not Enough Depth-----			-----Too Much Depth-----			
			No./% Within 0.01-0.1 Foot	No./% Within 0.11-0.2 Foot	No./% >0.2 Foot	No./% Within 0.01-0.1 Foot	No./% Within 0.11-0.2 Foot	No./% >0.2 Foot	
Channel Velocities	158	98.8	***	***	***	***	***	***	1
	***	***	***	***	***	***	***	***	2
	160								3
Differentials									4
									5
North Fish Ladder									6
									7
Ladder Exit	160	100.0	***	***	***	0	0	0	8
	***	***	***	***	***	0.0	0.0	0.0	9
	160								10
Ladder Weirs	160	100.0	0	0	0	0	0	0	11
	***	***	0.0	0.0	0.0	0.0	0.0	0.0	12
	160								13
Counting Station	160	100.0	***	***	***	0	0	0	14
	***	***	***	***	***	0.0	0.0	0.0	15
	160								16
South Fish Ladder									17
									18
Ladder Exit	159	100.0	***	***	***	0	0	0	19
	***	***	***	***	***	0.0	0.0	0.0	20
	159								21
Ladder Weirs	157	98.7	0	2	0	0	0	0	22
	***	***	0.0	1.3	0.0	0.0	0.0	0.0	23
	159								24
Counting Station	159	100.0	***	***	***	0	0	0	25
	***	***	***	***	***	0.0	0.0	0.0	26
	159								27
Collection Channels									28
									29
North Shore	158	98.8	1	1	0	0	0	0	30
	***	***	0.6	0.6	0.0	0.0	0.0	0.0	31
	160								32
South Powerhouse	155	96.9	3	2	0	0	0	0	33
	***	***	1.9	1.3	0.0	0.0	0.0	0.0	34
	160								35
South Shore	159	100.0	0	0	0	0	0	0	36
	***	***	0.0	0.0	0.0	0.0	0.0	0.0	37
	159								38
Weir Depths									39
									40
NSE-1	159	99.4	1	0	0	***	***	***	41
	Not Applic.	***	0.6	0.0	0.0	***	***	***	42
	160								43
NSE-2	158	98.8	2	0	0	***	***	***	44
	Not Applic.	***	1.3	0.0	0.0	***	***	***	45
	160								46
SPE-1	63	39.4	0	0	1	***	***	***	47
	96	60.0	0.0	0.0	0.6	***	***	***	48
	160								49
SPE-2	62	38.8	2	0	0	***	***	***	50
	96	60.0	1.3	0.0	0.0	***	***	***	51
	160								52
SSE-1	100	62.9	1	0	1	***	***	***	53
	57	35.8	0.6	0.0	0.6	***	***	***	54
	159								55
SSE-2 (feet above sill)	143	89.9	0	0	0	***	***	***	56
	Not Applic.	***	0.0	0.0	0.0	***	***	***	57
	159								58
									59





<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	1	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	1	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	1	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	1	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	1	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	1
South Powerhouse	0	0	0	0	0	0	0	0	0	1
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	1
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	1
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	1	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	1	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	1	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	1	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	1	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									



<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	1	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

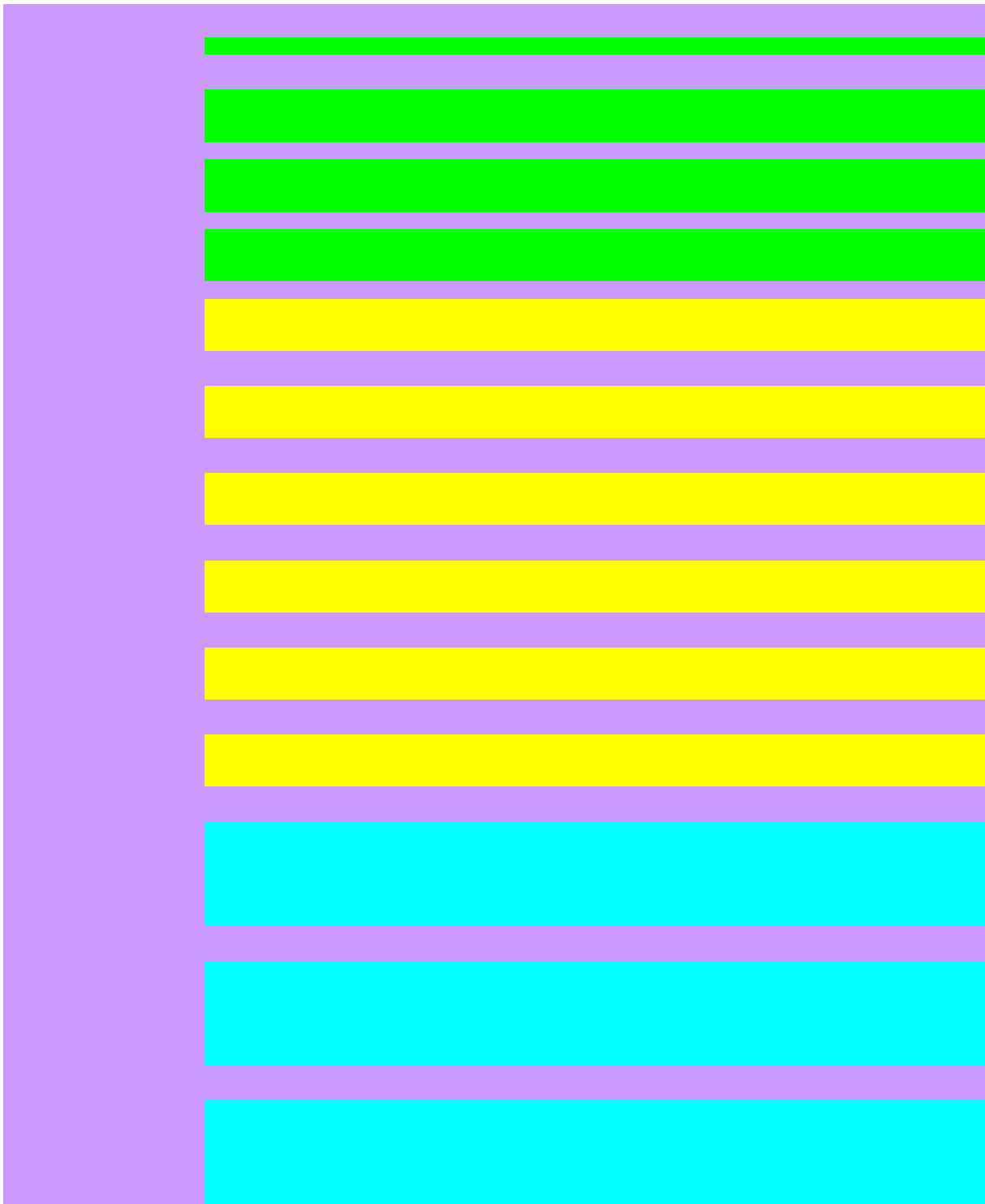
<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit										Not applicab
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station										Not applicab
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									

<b>South Ladder Differentials (0.01 - 0.1 too low)</b>										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
<b>South Ladder Differentials (0.01 - 0.1 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (0.11 - 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>South Ladder Differentials (more than 0.2 too high)</b>										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&lt;0.80)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.80 - 0.89)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (0.90 - 0.99):</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.01 - 2.10)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (2.11 - 2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Channel/Tailwater Differentials (&gt;2.20)</b>										
North Shore	0	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0	0
<b>Entrance Weir Depths (more than 0.2 too low)</b>										
NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.11 - 0.2 too low)</b>										
NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									
<b>Entrance Weir Depths (0.01 - 0.1 too low)</b>										
NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.									





**South Ladder Differentials (0.01 - 0.1 too low)**

Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.

**South Ladder Differentials (0.01 - 0.1 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**South Ladder Differentials (0.11 - 0.2 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**South Ladder Differentials (more than 0.2 too high)**

Ladder Exit	0
Ladder Weirs	0
Counting Station	0

**Channel/Tailwater Differentials (<0.80)**

North Shore	0
South Powerhouse	0
South Shore	0

**Channel/Tailwater Differentials (0.80 - 0.89)**

North Shore	1
South Powerhouse	2
South Shore	0

**Channel/Tailwater Differentials (0.90 - 0.99):**

North Shore	1
South Powerhouse	3
South Shore	0

**Channel/Tailwater Differentials (2.01 - 2.10)**

North Shore	0
South Powerhouse	0
South Shore	0

**Channel/Tailwater Differentials (2.11 - 2.20)**

North Shore	0
South Powerhouse	0
South Shore	0

**Channel/Tailwater Differentials (>2.20)**

North Shore	0
South Powerhouse	0
South Shore	0

**Entrance Weir Depths (more than 0.2 too low)**

NSE-1 (<7.80)	0
NSE-2 (<7.80)	0
SPE-1 (<7.80)	1
SPE-2 (<7.80)	0
SSE-1 (<7.80)	1
SSE-2 (set 6 ft above sill)	0

**Entrance Weir Depths (0.11 - 0.2 too low)**

NSE-1 (7.80 - 7.89)	0
NSE-2 (7.80 - 7.89)	0
SPE-1 (7.80 - 7.89)	0
SPE-2 (7.80 - 7.89)	0
SSE-1 (7.80 - 7.89)	0
SSE-2 (set 6 ft above sill)	0

**Entrance Weir Depths (0.01 - 0.1 too low)**

NSE-1 (7.90 - 7.99)	1
NSE-2 (7.90 - 7.99)	2
SPE-1 (7.90 - 7.99)	0
SPE-2 (7.90 - 7.99)	2
SSE-1 (7.90 - 7.99)	1
SSE-2 (set 6 ft above sill)	0



