

APPENDIX 1. ICE HARBOR ADULT FISHWAY INSPECTIONS

2011

DATES:	1-Mar	2-Mar	3-Mar	7-Mar	8-Mar	9-Mar	10-Mar	14-Mar	15-Mar	16-Mar
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	438.9	438.0	438.3	438.8	438.9	438.8	438.8	439.2	439.2	438.7
Exit Pool			438.3	438.7	438.8	438.8	438.7	439.2	439.1	438.6
Makeup Diffuser			434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads			381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads			381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
North Fish Ladder										
Forebay	439.0	438.1	438.3	438.8	439.0	438.8	438.8	439.2	439.2	438.6
Exit Pool	439.0	438.1	438.3	438.8	439.0	438.8	438.8	439.2	439.1	438.6
Makeup Diffuser	434.2	434.1	434.2	434.1	434.2	434.2	434.2	434.2	434.1	434.2
U S Picketed Leads	434.2	434.1	434.2	434.1	434.2	434.2	434.2	434.2	434.1	434.1
D S Picketed Leads	434.2	434.1	434.2	434.1	434.2	434.2	434.2	434.2	434.1	434.2
Collection Channels										
South Pwrh SG4			343.2	346.0	346.2	345.7	344.0	345.1	346.3	346.3
North Pwrh SG2			342.7	345.8	345.8	345.5	343.6	344.9	346.0	346.0
North Shore SG30	346.2	344.2	343.8	345.6	345.7	345.3	343.7	344.6	345.8	345.9
Tailwater										
South Pwrh SG3			341.5	344.5	344.6	344.2	342.4	343.6	344.6	344.6
North Pwrh SG1			341.5	344.3	344.6	344.0	342.3	343.3	344.6	344.6
North Shore SG29	344.3	342.9	342.4	344.0	344.4	343.8	342.2	343.3	344.5	344.5
Entrance Weirs										
SFE 1			333.7	336.2	336.3	335.9	334.3	335.5	336.5	336.5
NFE 2			333.4	336.1	336.2	335.9	334.2	335.3	336.4	336.4
NSE 1	336.3	334.1	345.8	335.0	334.7	334.6	333.5	334.2	334.8	335.2
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	438.9	438.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1
Ladder Weirs	-433.0	-433.0	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
North Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Ladder Weirs	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Collection Channels										
South Shore	0.0	0.0	1.7	1.5	1.6	1.5	1.6	1.5	1.7	1.7
North Powerhouse	0.0	0.0	1.2	1.5	1.2	1.5	1.3	1.6	1.4	1.4
North Shore	1.9	1.3	1.4	1.6	1.3	1.5	1.5	1.3	1.3	1.4
Weir Depths										
SFE 1	0.0	0.0	7.8	8.3	8.3	8.3	8.1	8.1	8.1	8.1
NFE 2	0.0	0.0	8.1	8.2	8.4	8.1	8.1	8.0	8.2	8.2
NSE 1	8.0	8.8	-3.4	9.0	9.7	9.2	8.7	9.1	9.7	9.3
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
Ladder Exit	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Fish Ladder										
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
Collection Channels										
South Shore	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	SILL	SILL	NO	YES	YES	YES	YES	YES	YES	YES
NFE 2	SILL	SILL	YES	YES	YES	YES	YES	YES	YES	YES
NSE 1	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	17-Mar	21-Mar	22-Mar	23-Mar	24-Mar	28-Mar	29-Mar	30-Mar	31-Mar	4-Apr
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	438.6	439.7	439.6	437.9	438.5	437.5	437.7	437.8	438.6	437.6
Exit Pool	438.6	439.7	439.6	437.9	438.5	437.5	437.7	437.8	438.8	437.6
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
North Fish Ladder										
Forebay	438.6	439.7	439.6	438.0	438.5	437.5	437.7	437.8	438.6	437.5
Exit Pool	438.6	439.7	439.6	438.0	438.6	437.6	437.7	437.8	438.7	437.7
Makeup Diffuser	434.1	434.1	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2
U S Picketed Leads	434.1	434.1	434.2	434.2	434.1	434.1	434.1	434.2	434.2	434.2
D S Picketed Leads	434.1	434.1	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2
Collection Channels										
South Pwrh SG4	346.8	345.9	345.7	346.0	346.1	345.5	346.0	345.8	348.2	348.0
North Pwrh SG2	346.5	345.6	345.4	345.7	345.8	345.2	345.7	345.4	348.0	348.0
North Shore SG30	345.8	345.0	345.2	345.2	345.4	344.2	344.7	344.5	346.4	346.9
Tailwater										
South Pwrh SG3	345.3	344.4	344.0	344.3	344.3	343.7	344.1	344.2	346.8	347.0
North Pwrh SG1	345.0	344.4	344.0	344.2	344.3	343.7	344.0	344.0	346.7	346.7
North Shore SG29	344.8	343.7	343.8	344.0	344.1	342.9	343.5	343.0	344.6	345.6
Entrance Weirs										
SFE 1	337.1	336.2	336.0	336.2	336.1	335.4	336.1	336.0	338.3	338.7
NFE 2	336.9	335.9	336.0	336.0	336.1	335.6	336.6	336.2	338.4	339.0
NSE 1	333.2	334.3	334.5	334.1	334.6	333.5	334.0	333.5	334.7	335.0
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
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
North Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.2
Ladder Weirs	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2
Counting Station	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0
Collection Channels										
South Shore	1.5	1.5	1.7	1.7	1.8	1.8	1.9	1.6	1.4	1.0
North Powerhouse	1.5	1.2	1.4	1.5	1.5	1.5	1.7	1.4	1.3	1.3
North Shore	1.0	1.3	1.4	1.2	1.3	1.3	1.2	1.5	1.8	1.3
Weir Depths										
SFE 1	8.2	8.2	8.0	8.1	8.2	8.3	8.0	8.2	8.5	8.3
NFE 2	8.1	8.5	8.0	8.2	8.2	8.1	7.4	7.8	8.3	7.7
NSE 1	11.6	9.4	9.3	9.9	9.5	9.4	9.5	9.5	9.9	10.6
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	YES	YES	YES	YES	YES	NO	NO	YES	NO
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	5-Apr	6-Apr	7-Apr	11-Apr	12-Apr	13-Apr	14-Apr	18-Apr	20-Apr
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:									
South Fish Ladder									
Forebay	437.7	437.6	437.8	437.8	437.7	437.3	437.6	437.7	437.4
Exit Pool	437.7	437.6	437.8	437.8	437.6	437.3	437.6	437.7	437.4
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.1	381.0	381.0	381.1	381.1	381.0	381.0	381.0	381.0
North Fish Ladder									
Forebay	437.7	437.6	437.8	437.7	437.7	437.3	437.6	437.7	437.4
Exit Pool	437.7	437.6	437.8	437.7	437.6	437.2	437.6	437.7	437.4
Makeup Diffuser	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2
U S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2
D S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2
Collection Channels									
South Pwrh SG4	349.3	350.2	348.9	348.2	347.7	347.4	346.8	346.8	347.9
North Pwrh SG2	349.1	350.1	348.7	347.8	347.4	347.0	346.4	346.4	347.6
North Shore SG30	347.5	349.0	346.5	346.0	345.9	344.4	346.5	344.3	345.5
Tailwater									
South Pwrh SG3	347.8	349.0	347.3	346.5	345.8	345.3	345.0	344.8	346.1
North Pwrh SG1	347.8	349.0	347.3	346.5	345.7	345.2	345.0	344.8	346.1
North Shore SG29	346.0	347.5	345.0	344.5	344.8	343.0	345.0	343.0	344.0
Entrance Weirs									
SFE 1	339.7	340.7	338.8	338.1	337.4	336.8	336.7	336.6	337.6
NFE 2	339.0	339.0	339.0	336.2	337.1	337.9	335.8	335.7	337.2
NSE 1	334.9	337.4	334.1	334.7	338.4	334.9	333.5	333.6	333.9
DIFFERENTIALS/DEPTHS:									
South Fish Ladder									
Ladder Exit	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
North Fish Ladder									
Ladder Exit	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Ladder Weirs	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Collection Channels									
South Shore	1.5	1.2	1.6	1.7	1.9	2.1	1.8	2.0	1.8
North Powerhouse	1.3	1.1	1.4	1.3	1.7	1.8	1.4	1.6	1.5
North Shore	1.5	1.5	1.5	1.5	1.1	1.4	1.5	1.3	1.5
Weir Depths									
SFE 1	8.1	8.3	8.5	8.4	8.4	8.5	8.3	8.2	8.5
NFE 2	8.8	10.0	8.3	10.3	8.6	7.3	9.2	9.1	8.9
NSE 1	11.1	10.1	10.9	9.8	6.4	8.1	11.5	9.4	10.1
CRITERIA POINTS:									
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials									
South Fish Ladder									
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Fish Ladder									
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels									
South Shore	YES	YES	YES	YES	YES	NO	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths									
SFE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	YES	YES	YES	YES	NO	YES	YES	YES
NSE 1	YES	YES	YES	YES	NO	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	21-Apr	25-Apr	26-Apr	27-Apr	28-Apr	2-May	3-May	4-May	5-May	9-May
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	437.6	437.4	437.6	437.6	437.6	437.6	437.7	437.5	437.8	437.7
Exit Pool	437.6	437.4	437.5	437.5	437.6	437.6	437.7	437.5	437.8	437.7
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.6	437.4	437.6	437.6	437.6	437.6	437.7	437.5	437.8	437.7
Exit Pool	437.6	437.5	437.6	437.6	437.6	437.7	437.7	437.5	437.8	437.7
Makeup Diffuser	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.1	434.2	434.2
U S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.1	434.2	434.2
D S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.1	434.2	434.2
Collection Channels										
South Pwrh SG4	348.0	346.3	348.0	346.8	346.6	347.0	345.8	346.2	346.4	348.0
North Pwrh SG2	347.9	346.3	347.7	346.5	346.3	346.5	345.5	345.6	345.9	347.6
North Shore SG30	345.9	343.5	345.7	344.2	345.2	344.5	343.8	344.8	344.8	346.1
Tailwater										
South Pwrh SG3	346.6	344.2	346.4	345.0	344.9	345.2	343.8	344.3	344.5	346.1
North Pwrh SG1	346.2	344.5	346.2	345.0	344.5	345.2	343.8	344.3	344.5	346.1
North Shore SG29	344.2	342.0	344.5	343.0	346.2	343.2	342.0	343.6	343.6	345.0
Entrance Weirs										
SFE 1	338.1	336.0	337.8	336.7	336.3	336.9	335.7	335.8	336.2	337.6
NFE 2	337.2	337.2	336.8	336.5	336.5	335.5	335.4	335.1	335.1	336.8
NSE 1	334.1	333.5	333.4	333.9	334.4	334.0	333.9	333.8	334.1	333.7
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Ladder Weirs	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	1.4	2.1	1.6	1.8	1.7	1.8	2.0	1.9	1.9	1.9
North Powerhouse	1.7	1.8	1.5	1.5	1.8	1.3	1.7	1.3	1.4	1.5
North Shore	1.7	1.5	1.2	1.2	-1.0	1.3	1.8	1.2	1.2	1.1
Weir Depths										
SFE 1	8.5	8.2	8.6	8.3	8.6	8.3	8.1	8.5	8.3	8.5
NFE 2	9.0	7.3	9.4	8.5	8.0	9.7	8.4	9.2	9.4	9.3
NSE 1	10.1	8.5	11.1	9.1	11.8	9.2	8.1	9.8	9.5	11.3
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

DATES:	10-May	11-May	12-May	16-May	17-May	19-May	23-May	24-May	25-May	26-May
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	437.2	437.4	437.7	437.6	437.7	437.5	437.5	437.9	437.7	437.6
Exit Pool	437.2	437.3	437.7	437.7	437.7	437.5	437.5	437.9	437.6	437.6
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.2	437.4	437.7	437.5	437.6	437.4	437.4	437.9	437.7	437.5
Exit Pool	437.2	437.4	437.7	437.6	437.7	437.4	437.4	437.9	437.7	437.5
Makeup Diffuser	434.1	434.1	434.2	434.2	434.2	434.1	434.1	434.2	434.2	434.2
U S Picketed Leads	434.1	434.1	434.2	434.2	434.2	434.1	434.1	434.2	434.2	434.2
D S Picketed Leads	434.1	434.1	434.2	434.2	434.2	434.1	434.1	434.2	434.2	434.2
Collection Channels										
South Pwrh SG4	346.5	347.4	347.2	354.2	353.2	350.8	352.0	352.7	353.6	353.0
North Pwrh SG2	346.2	347.1	346.8	354.2	352.9	350.5	352.3	352.4	353.4	352.8
North Shore SG30	344.9	345.2	344.5	352.7	352.0	348.6	348.0	351.1	352.1	352.0
Tailwater										
South Pwrh SG3	344.7	345.5	345.4	353.2	352.0	349.4	350.7	351.4	352.1	351.5
North Pwrh SG1	344.5	345.5	345.4	353.0	351.5	349.2	350.7	351.0	352.1	351.5
North Shore SG29	343.5	343.9	343.0	351.5	350.0	347.5	346.5	349.4	350.5	350.0
Entrance Weirs										
SFE 1	336.2	337.1	337.1	348.1	342.8	342.1	342.0	342.7	342.8	342.5
NFE 2	335.7	335.6	334.9	340.0	342.2	336.3	340.2	340.2	344.1	341.0
NSE 1	333.7	333.9	333.5	332.3	334.6	333.3	334.9	334.9	334.0	334.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	1.8	1.9	1.8	1.0	1.2	1.4	1.3	1.3	1.5	1.5
North Powerhouse	1.7	1.6	1.4	1.2	1.4	1.3	1.6	1.4	1.3	1.3
North Shore	1.4	1.3	1.5	1.2	2.0	1.1	1.5	1.7	1.6	2.0
Weir Depths										
SFE 1	8.5	8.4	8.3	5.1	9.2	7.3	8.7	8.7	9.3	9.0
NFE 2	8.8	9.9	10.5	13.0	9.3	12.9	10.5	10.8	8.0	10.5
NSE 1	9.8	10.0	9.5	19.2	15.4	14.2	11.6	14.5	16.5	15.7
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	YES	NO	YES	NO	YES	YES	YES	YES
NFE 2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	31-May	1-Jun	2-Jun	6-Jun	7-Jun	8-Jun	9-Jun	13-Jun	14-Jun	15-Jun
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	437.5	437.5	437.6	437.2	437.6	437.6	437.5	437.6	437.5	437.7
Exit Pool	437.6	437.4	437.7	437.3	437.7	437.6	437.5	437.7	437.6	437.7
Makeup Diffuser	434.1	434.2	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.6	437.4	437.5	437.3	437.7	437.7	437.5	437.7	437.6	437.7
Exit Pool	437.6	437.3	437.6	437.3	437.7	437.7	437.5	437.7	437.6	437.8
Makeup Diffuser	434.2	434.2	434.1	434.1	434.2	434.2	434.2	434.2	434.1	434.1
U S Picketed Leads	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2	434.2	434.2
D S Picketed Leads	434.2	434.2	434.1	434.1	434.2	434.2	434.2	434.2	434.1	434.1
Collection Channels										
South Pwrh SG4	349.9	350.2	349.5	350.3	353.4	354.2	354.0	352.5	353.3	352.4
North Pwrh SG2	349.8	350.4	349.2	350.7	353.2	354.2	353.4	352.6	353.7	352.3
North Shore SG30	348.2	349.5	349.3	350.0	351.5	352.7	353.0	352.2	351.0	351.5
Tailwater										
South Pwrh SG3	348.6	349.0	348.0	349.0	352.0	352.8	352.4	351.5	352.0	351.0
North Pwrh SG1	348.5	349.0	347.9	349.0	351.6	352.7	352.0	351.2	352.0	351.0
North Shore SG29	347.2	348.0	347.8	348.3	350.0	351.0	351.5	350.5	350.0	350.5
Entrance Weirs										
SFE 1	339.6	340.5	340.7	340.4	342.8	343.7	343.6	342.8	343.1	341.2
NFE 2	337.9	337.9	337.5	338.2	338.2	338.2	337.8	342.7	341.6	341.6
NSE 1	334.8	334.8	334.8	335.3	335.0	335.0	341.3	332.3	332.3	332.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	-0.1	0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0
Ladder Weirs	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Ladder Weirs	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1
Counting Station	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Collection Channels										
South Shore	1.3	1.2	1.5	1.3	1.4	1.4	1.6	1.0	1.3	1.4
North Powerhouse	1.3	1.4	1.3	1.7	1.6	1.5	1.4	1.4	1.7	1.3
North Shore	1.0	1.5	1.5	1.7	1.5	1.7	1.5	1.7	1.0	1.0
Weir Depths										
SFE 1	9.0	8.5	7.3	8.6	9.2	9.1	8.8	8.7	8.9	9.8
NFE 2	10.6	11.1	10.4	10.8	13.4	14.5	14.2	8.5	10.4	9.4
NSE 1	12.4	13.2	13.0	13.0	15.0	16.0	10.2	18.2	17.7	18.2
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	16-Jun	20-Jun	21-Jun	22-Jun	27-Jun	28-Jun	29-Jun	30-Jun	5-Jul	6-Jul
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELEVATIONS:										
South Fish Ladder										
Forebay	437.7	437.5	437.6	437.6	437.5	437.8	437.3	437.5	437.6	437.6
Exit Pool	437.7	437.5	437.6	437.6	437.5	437.8	437.3	437.5	437.5	437.6
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.1	381.2
D S Picketed Leads	381.0	381.0	381.1	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.7	437.5	437.6	437.6	437.5	437.8	437.3	437.5	437.6	437.6
Exit Pool	437.6	437.5	437.6	437.7	437.5	437.9	437.3	437.5	437.5	437.6
Makeup Diffuser	434.1	434.1	434.1	434.1	434.0	434.0	433.9	434.0	434.0	434.0
U S Picketed Leads	434.2	434.1	434.1	434.1	434.0	434.1	433.9	434.0	434.0	434.0
D S Picketed Leads	434.1	434.1	434.1	434.1	434.0	434.0	433.9	434.0	434.0	434.0
Collection Channels										
South Pwrh SG4	352.4	351.3	348.7	350.9	351.4	351.0	350.2	351.4	349.6	349.8
North Pwrh SG2	352.7	351.0	348.7	351.3	351.2	350.6	350.0	351.2	349.5	349.7
North Shore SG30	350.0	350.2	347.8	350.2	350.0	348.5	348.0	349.5	348.0	348.0
Tailwater										
South Pwrh SG3	351.0	350.0	347.2	349.7	350.0	349.5	349.0	350.1	348.2	348.5
North Pwrh SG1	351.0	350.0	346.8	349.6	350.0	349.5	349.0	350.1	348.2	348.7
North Shore SG29	349.5	349.0	346.5	349.0	349.0	348.5	347.5	349.5	347.0	347.4
Entrance Weirs										
SFE 1	341.2	341.0	341.0	341.0	341.5	340.8	340.0	341.6	339.5	339.6
NFE 2	341.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6	338.6
NSE 1	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
North Fish Ladder										
Ladder Exit	0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.0
Counting Station	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	1.4	1.3	1.5	1.2	1.4	1.5	1.2	1.3	1.4	1.3
North Powerhouse	1.7	1.0	1.9	1.7	1.2	1.1	1.0	1.1	1.3	1.0
North Shore	0.5	1.2	1.3	1.2	1.0	0.0	0.5	0.0	1.0	0.6
Weir Depths										
SFE 1	9.8	9.0	6.2	8.7	8.5	8.7	9.0	8.5	8.7	8.9
NFE 2	9.4	11.4	8.2	11.0	11.4	10.9	10.4	11.5	9.6	10.1
NSE 1	17.2	16.7	14.2	16.7	16.7	16.2	15.2	17.2	14.7	15.1
CRITERIA POINTS:										
Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Differentials										
South Fish Ladder										
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
North Fish Ladder										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	NO	YES	YES	YES	YES	NO	NO	NO	YES	NO
Weir Depths										
SFE 1	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	7-Jul	12-Jul	13-Jul	14-Jul	18-Jul	19-Jul	20-Jul	21-Jul	25-Jul	26-Jul
CHANNEL VELOCITIES IN SOUTH FISHWAY:	N/A	N/A	2.0	2.0	2.5	2.1	2.5	2.5	2.5	2.5
ELEVATIONS:										
South Fish Ladder										
Forebay	437.2	437.9	437.3	437.3	437.7	437.7	437.5	437.7	437.4	437.6
Exit Pool	437.2	437.9	437.3	437.4	437.7	437.7	437.5	437.7	437.4	437.6
Makeup Diffuser	434.1	434.2	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.2	381.1	381.2	381.2	381.1	381.2	381.2
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.2	437.6	437.3	437.4	437.7	437.9	437.6	437.7	437.5	437.6
Exit Pool	437.2	437.7	437.4	437.4	437.7	437.8	437.5	437.8	437.5	437.6
Makeup Diffuser	434.0	434.1	434.0	434.0	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	434.0	434.1	434.0	434.0	434.1	434.1	434.1	434.1	434.1	434.1
D S Picketed Leads	434.0	434.1	434.0	434.0	434.1	434.1	434.1	434.1	434.1	434.1
Collection Channels										
South Pwrh SG4	348.8	347.3	346.0	346.6	346.0	345.7	345.6	346.0	345.0	344.5
North Pwrh SG2	348.7	347.0	345.8	345.5	345.6	345.4	345.2	345.6	344.3	344.0
North Shore SG30	347.0	345.4	344.4	345.1	344.5	344.1	343.9	344.4	343.0	343.5
Tailwater										
South Pwrh SG3	347.3	345.6	344.4	345.0	344.1	343.9	343.9	344.2	343.2	342.5
North Pwrh SG1	347.1	345.5	344.3	344.0	344.1	343.9	343.9	344.2	343.1	342.5
North Shore SG29	346.5	344.2	343.5	344.0	343.3	343.0	343.0	343.4	343.5	342.5
Entrance Weirs										
SFE 1	338.7	335.8	334.9	335.6	335.2	335.3	335.2	335.7	334.2	334.4
NFE 2	338.6	336.8	336.8	336.8	336.1	336.1	335.0	335.0	333.7	334.3
NSE 1	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.2
North Fish Ladder										
Ladder Exit	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1	-0.1	0.0	0.0
Ladder Weirs	1.0	1.1	1.0	1.0	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
Collection Channels										
South Shore	1.5	1.7	1.6	1.6	1.9	1.8	1.7	1.8	1.8	2.0
North Powerhouse	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.4	1.2	1.5
North Shore	0.5	1.2	0.9	1.1	1.2	1.1	0.9	1.0	-0.5	1.0
Weir Depths										
SFE 1	8.6	9.8	9.5	9.4	8.9	8.6	8.7	8.5	9.0	8.1
NFE 2	8.5	8.7	7.5	7.2	8.0	7.8	8.9	9.2	9.4	8.2
NSE 1	14.2	11.9	11.2	11.7	11.0	10.7	10.7	11.1	11.2	10.2
CRITERIA POINTS:										
Channel Velocities	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	NO	YES	NO	YES	YES	YES	NO	YES	NO	YES
Weir Depths										
SFE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
NFE 2	YES	YES	NO	NO	YES	NO	YES	YES	YES	YES
NSE 1	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	27-Jul	28-Jul	1-Aug	2-Aug	3-Aug	4-Aug	8-Aug	9-Aug	10-Aug	11-Aug
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.3	2.5	2.3	2.3	2.5	2.4	2.5	2.4	2.4	2.5
ELEVATIONS:										
South Fish Ladder										
Forebay	437.5	438.0	437.6	437.6	437.3	437.6	437.4	437.5	437.2	437.3
Exit Pool	437.4	438.0	437.6	437.6	437.3	437.6	437.4	437.5	437.2	437.4
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.1	381.1	381.1	381.2	381.2	381.1	381.1	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.5	437.9	437.6	437.6	437.3	437.6	437.5	437.6	437.2	437.3
Exit Pool	437.5	437.9	437.6	437.6	437.3	437.6	437.5	437.6	437.2	437.4
Makeup Diffuser	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434.1	434.1
U S Picketed Leads	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434.1	434.1
D S Picketed Leads	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434.1	434.1
Collection Channels										
South Pwrh SG4	343.5	344.0	342.5	343.5	343.2	343.5	343.0	342.9	341.6	341.5
North Pwrh SG2	343.1	343.6	342.1	343.0	342.7	342.8	342.7	342.3	341.3	341.0
North Shore SG30	342.8	343.2	341.5	342.5	342.2	342.3	340.5	339.0	341.0	339.8
Tailwater										
South Pwrh SG3	341.8	342.1	340.5	341.5	341.4	341.5	341.2	341.0	340.2	339.8
North Pwrh SG1	342.1	342.1	340.5	341.5	341.3	341.5	341.2	341.0	340.1	339.8
North Shore SG29	342.0	342.1	340.0	341.5	340.3	341.2	340.0	338.0	340.0	338.5
Entrance Weirs										
SFE 1	333.5	333.9	332.6	333.5	333.3	333.5	333.2	333.1	332.3	332.3
NFE 2	333.6	333.8	332.5	333.3	333.1	333.3	333.0	332.7	332.3	332.3
NSE 1	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Ladder Weirs	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.2	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
Collection Channels										
South Shore	1.7	1.9	2.0	2.0	1.8	2.0	1.8	1.9	1.4	1.7
North Powerhouse	1.0	1.5	1.6	1.5	1.4	1.3	1.5	1.3	1.2	1.2
North Shore	0.8	1.1	1.5	1.0	1.9	1.1	0.5	1.0	1.0	1.3
Weir Depths										
SFE 1	8.3	8.2	7.9	8.0	8.1	8.0	8.0	7.9	7.9	7.5
NFE 2	8.5	8.3	8.0	8.2	8.2	8.2	8.2	8.3	7.8	7.5
NSE 1	9.7	9.8	7.7	9.2	8.0	8.9	7.7	5.7	7.7	6.2
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	NO	YES	YES	YES	YES	YES	NO	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	NO	YES	YES	YES	YES	NO	SILL	SILL
NFE 2	YES	YES	YES	YES	YES	YES	YES	YES	SILL	SILL
NSE 1	YES	YES	SILL	YES	YES	YES	SILL	SILL	SILL	SILL

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	15-Aug	17-Aug	22-Aug	23-Aug	24-Aug	25-Aug	29-Aug	30-Aug	31-Aug	1-Sep
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.4	2.5	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.2
ELEVATIONS:										
South Fish Ladder										
Forebay	437.6	437.4	437.5	437.4	438.0	438.1	437.8	438.3	437.8	438.0
Exit Pool	437.6	437.4	437.5	437.4	438.0	438.1	437.8	438.3	437.8	438.1
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.2	381.1	381.1	381.1	381.1	381.1	381.2	381.2	381.1	381.1
D S Picketed Leads	381.1	381.0	381.0	381.0	381.0	381.0	381.1	381.1	381.0	381.0
North Fish Ladder										
Forebay	437.7	437.3	437.5	437.5	438.1	438.1	438.0	438.4	437.8	438.1
Exit Pool	437.7	437.5	437.6	437.5	438.1	438.1	437.9	438.5	437.8	438.2
Makeup Diffuser	434.2	434.1	434.2	434.2	434.4	434.4	434.3	434.2	434.1	434.1
U S Picketed Leads	434.2	434.2	434.2	434.2	434.4	434.4	434.3	434.3	434.2	434.2
D S Picketed Leads	434.2	434.1	434.2	434.2	434.4	434.4	434.3	434.2	434.1	434.1
Collection Channels										
South Pwrh SG4	342.3	342.5	342.9	341.9	342.6	343.2	341.8	342.5	342.1	342.0
North Pwrh SG2	341.8	342.1	342.4	341.4	342.1	342.8	341.1	342.0	341.7	341.7
North Shore SG30	340.4	340.2	340.3	339.8	340.0	339.5	339.6	340.8	339.5	341.0
Tailwater										
South Pwrh SG3	340.5	340.5	341.2	339.9	340.6	341.3	339.8	341.0	340.2	340.2
North Pwrh SG1	340.5	340.5	341.2	339.8	340.5	341.2	339.8	341.0	340.2	340.2
North Shore SG29	339.7	339.5	339.5	339.0	339.5	338.5	338.6	340.0	338.5	340.3
Entrance Weirs										
SFE 1	332.5	332.6	332.9	332.0	332.6	332.8	332.0	332.6	332.3	332.2
NFE 2	332.3	332.5	332.5	332.2	332.3	332.6	332.4	332.5	332.4	332.2
NSE 1	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3	332.3
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	-0.2	-0.1	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1
Ladder Weirs	1.2	1.1	1.2	1.2	1.4	1.4	1.3	1.2	1.1	1.1
Counting Station	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Collection Channels										
South Shore	1.8	2.0	1.7	2.0	2.0	1.9	2.0	1.5	1.9	1.8
North Powerhouse	1.3	1.6	1.2	1.6	1.6	1.6	1.3	1.0	1.5	1.5
North Shore	0.7	0.7	0.8	0.8	0.5	1.0	1.0	0.8	1.0	0.7
Weir Depths										
SFE 1	8.0	7.9	8.3	7.9	8.0	8.5	7.8	8.4	7.9	8.0
NFE 2	8.2	8.0	8.7	7.6	8.2	8.6	7.4	8.5	7.8	8.0
NSE 1	7.4	7.2	7.2	6.7	7.2	6.2	6.3	7.7	6.2	8.0
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	NO	NO	NO	NO	NO	YES	YES	NO	YES	NO
Weir Depths										
SFE 1	YES	NO	YES	SILL	YES	YES	SILL	YES	SILL	YES
NFE 2	YES	YES	YES	SILL	YES	YES	NO	YES	NO	YES
NSE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	6-Sep	7-Sep	8-Sep	12-Sep	13-Sep	14-Sep	15-Sep	19-Sep	20-Sep	21-Sep
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.6	2.8	2.8	2.3	2.5	2.5	2.5	2.5	2.5	2.5
ELEVATIONS:										
South Fish Ladder										
Forebay	437.8	437.7	438.4	438.7	438.8	438.6	438.8	437.8	438.3	437.6
Exit Pool	437.8	437.6	438.3	438.7	438.8	438.7	438.8	437.8	438.3	437.8
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.2	381.1	381.2	381.2	381.1	381.2	381.1	381.2	381.1	381.1
D S Picketed Leads	381.1	381.0	381.1	381.1	381.0	381.1	381.0	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.8	437.8	438.4	438.7	438.9	438.5	438.7	438.7	438.1	437.6
Exit Pool	437.8	437.8	438.4	438.8	438.7	438.6	438.7	438.5	438.2	437.5
Makeup Diffuser	434.2	434.2	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2
U S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2
D S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2
Collection Channels										
South Pwrh SG4	343.0	341.4	343.0	343.1	343.2	343.3	343.5	343.4	342.0	343.2
North Pwrh SG2	342.7	341.1	342.6	342.7	342.7	342.8	343.0	343.0	341.6	342.8
North Shore SG30	341.5	339.5	341.0	341.2	342.4	342.8	343.0	343.2	341.7	341.9
Tailwater										
South Pwrh SG3	341.0	339.4	341.0	341.1	341.2	341.2	341.5	341.4	340.2	341.3
North Pwrh SG1	341.1	341.1	341.0	341.0	341.2	341.2	341.2	341.4	340.2	341.2
North Shore SG29	341.1	340.2	341.4	341.0	341.0	341.1	341.2	341.4	339.7	340.1
Entrance Weirs										
SFE 1	333.0	332.3	333.0	333.1	333.2	333.2	333.4	333.4	332.3	333.0
NFE 2	333.1	332.3	333.0	332.8	333.0	333.1	333.2	333.3	332.3	332.9
NSE 1	332.3	332.3	332.3	332.3	332.3	333.1	333.1	333.1	332.6	332.7
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Counting Station	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
North Fish Ladder										
Ladder Exit	0.0	0.0	0.0	-0.1	0.2	-0.1	0.0	0.2	-0.1	0.1
Ladder Weirs	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2
Counting Station	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	1.8	1.9
North Powerhouse	1.6	0.0	1.6	1.7	1.5	1.6	1.8	1.6	1.4	1.6
North Shore	0.4	-0.7	-0.4	0.2	1.4	1.7	1.8	1.8	2.0	1.8
Weir Depths										
SFE 1	8.0	7.1	8.0	8.0	8.0	8.0	8.1	8.0	7.9	8.3
NFE 2	8.0	8.8	8.0	8.2	8.2	8.1	8.0	8.1	7.9	8.3
NSE 1	8.8	7.9	9.1	8.7	8.7	8.0	8.1	8.3	7.1	7.4
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES
North Powerhouse	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	SILL	YES	YES	YES	YES	YES	YES	SILL	YES
NFE 2	YES	YES	YES	YES	YES	YES	YES	YES	SILL	YES
NSE 1	YES	SILL	YES	YES	YES	YES	YES	YES	NO	NO

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	22-Sep	26-Sep	27-Sep	28-Sep	29-Sep	3-Oct	4-Oct	5-Oct	6-Oct	11-Oct
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.5	2.5	2.4	2.5	2.7	2.7	2.5	2.7	2.7	2.5
ELEVATIONS:										
South Fish Ladder										
Forebay	437.8	438.6	438.9	439.0	438.7	439.0	438.7	438.8	438.8	438.4
Exit Pool	437.9	438.6	438.9	439.0	438.8	439.1	438.8	438.8	438.8	438.5
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.2	381.2	381.1	381.3	381.2	381.1	381.2	381.1	381.2	381.1
D S Picketed Leads	381.0	381.0	381.0	381.1	381.1	381.0	381.1	381.0	381.0	381.0
North Fish Ladder										
Forebay	437.8	438.6	438.7	438.9	438.7	438.9	438.6	438.8	438.7	438.4
Exit Pool	437.9	438.7	438.8	439.0	438.8	439.0	438.8	438.7	438.9	438.5
Makeup Diffuser	434.2	434.1	434.2	434.1	434.1	434.2	434.1	434.2	434.1	434.1
U S Picketed Leads	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.3	434.2	434.2
D S Picketed Leads	434.2	434.1	434.2	434.1	434.1	434.2	434.1	434.2	434.1	434.1
Collection Channels										
South Pwrh SG4	341.7	341.9	342.0	342.6	341.9	343.3	342.9	342.6	343.5	341.8
North Pwrh SG2	341.3	341.5	341.7	342.1	341.6	342.8	342.7	342.2	343.2	341.4
North Shore SG30	341.6	341.9	342.2	342.6	342.0	342.9	342.9	342.5	343.1	342.2
Tailwater										
South Pwrh SG3	339.7	340.1	340.4	340.8	340.2	341.3	340.1	340.6	341.5	339.9
North Pwrh SG1	339.7	340.1	340.4	340.8	340.2	341.3	340.1	340.6	341.5	339.9
North Shore SG29	339.7	340.1	340.4	340.8	340.2	341.3	340.2	340.6	341.5	340.0
Entrance Weirs										
SFE 1	332.3	332.3	332.3	332.8	332.3	333.1	332.8	332.6	333.5	332.0
NFE 2	332.3	332.3	332.3	332.7	332.3	333.1	332.9	332.6	333.5	332.2
NSE 1	332.7	332.8	333.0	333.3	332.8	333.2	333.2	333.2	333.2	333.2
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	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	0.1	0.1	0.1	0.2	0.1
North Fish Ladder										
Ladder Exit	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	0.1	-0.2	-0.1
Ladder Weirs	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.1
Counting Station	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1
Collection Channels										
South Shore	2.0	1.8	1.6	1.8	1.7	2.0	2.8	2.0	2.0	1.9
North Powerhouse	1.6	1.4	1.3	1.3	1.4	1.5	2.6	1.6	1.7	1.5
North Shore	1.9	1.8	1.8	1.8	1.8	1.6	2.7	1.9	1.6	2.2
Weir Depths										
SFE 1	7.4	7.8	8.1	8.0	7.9	8.2	7.3	8.0	8.0	7.9
NFE 2	7.4	7.8	8.1	8.1	7.9	8.2	7.2	8.0	8.0	7.7
NSE 1	7.0	7.3	7.4	7.5	7.4	8.1	7.0	7.4	8.3	6.8
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO
Weir Depths										
SFE 1	SILL	SILL	YES	YES	SILL	YES	NO	YES	YES	SILL
NFE 2	SILL	SILL	YES	YES	SILL	YES	NO	YES	YES	SILL
NSE 1	NO	NO	NO	NO	NO	YES	NO	NO	YES	NO

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	12-Oct	13-Oct	18-Oct	19-Oct	20-Oct	25-Oct	26-Oct	27-Oct	31-Oct	1-Nov
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.7	2.5	2.9	3.1	2.9	2.9	2.6	2.4	2.8	2.6
ELEVATIONS:										
South Fish Ladder										
Forebay	438.8	438.3	438.2	438.6	438.9	438.6	438.6	439.1	439.1	438.5
Exit Pool	438.8	438.3	438.2	438.5	438.9	438.7	438.6	439.1	439.1	438.4
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.2	381.1	381.1	381.1	381.1	381.2	381.2	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.1	381.1	381.0	381.0	381.0
North Fish Ladder										
Forebay	438.8	438.3	438.6	438.4	439.0	438.6	438.6	439.1	439.2	438.7
Exit Pool	438.9	438.4	438.6	438.6	439.1	438.8	438.8	439.3	439.2	438.7
Makeup Diffuser	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2	434.2	434.2
U S Picketed Leads	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2	434.2
D S Picketed Leads	434.2	434.2	434.2	434.1	434.2	434.2	434.2	434.2	434.2	434.2
Collection Channels										
South Pwrh SG4	341.9	343.3	341.6	341.7	341.5	341.0	343.5	343.8	342.0	341.0
North Pwrh SG2	341.6	342.9	341.3	341.3	341.2	340.8	343.2	343.5	341.7	340.5
North Shore SG30	342.1	342.2	341.4	341.2	341.0	340.9	342.6	342.1	341.6	340.5
Tailwater										
South Pwrh SG3	340.1	341.3	339.8	339.8	339.5	339.2	341.6	341.8	340.1	339.0
North Pwrh SG1	340.1	341.2	339.8	339.8	339.5	339.2	341.6	341.8	340.1	339.0
North Shore SG29	340.1	341.1	339.8	339.8	339.4	339.2	341.6	341.1	340.2	339.0
Entrance Weirs										
SFE 1	332.0	333.2	332.0	332.0	332.0	332.1	333.5	333.6	332.1	332.1
NFE 2	332.2	333.2	332.2	332.2	332.2	332.2	333.4	333.6	332.2	332.2
NSE 1	332.1	332.1	332.1	332.1	332.1	332.1	332.1	332.1	332.1	332.1
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
North Fish Ladder										
Ladder Exit	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	-0.2	-0.2	0.0	0.0
Ladder Weirs	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2
Counting Station	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	1.8	2.0	1.8	1.9	2.0	1.8	1.9	2.0	1.9	2.0
North Powerhouse	1.5	1.7	1.5	1.5	1.7	1.6	1.6	1.7	1.6	1.5
North Shore	2.0	1.1	1.6	1.4	1.6	1.7	1.0	1.0	1.4	1.5
Weir Depths										
SFE 1	8.1	8.1	7.8	7.8	7.5	7.1	8.1	8.2	8.0	6.9
NFE 2	7.9	8.0	7.6	7.6	7.3	7.0	8.2	8.2	7.9	6.8
NSE 1	8.0	9.0	7.7	7.7	7.3	7.1	9.5	9.0	8.1	6.9
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	SILL	SILL	SILL	SILL	YES	YES	YES	SILL
NFE 2	SILL	YES	SILL	SILL	SILL	SILL	YES	YES	SILL	SILL
NSE 1	YES	YES	SILL	SILL	SILL	SILL	YES	YES	YES	SILL

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	2-Nov	3-Nov	7-Nov	8-Nov	9-Nov	15-Nov	16-Nov	21-Nov	22-Nov	23-Nov
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.7	2.8	3.1	2.5	2.8	2.2	2.7	2.8	2.4	2.4
ELEVATIONS:										
South Fish Ladder										
Forebay	438.7	438.6	437.9	437.8	438.2	438.3	438.3	438.6	438.6	438.9
Exit Pool	438.7	438.6	438.0	437.8	438.2	438.3	438.3	438.4	438.7	438.9
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.0	381.1	381.0	381.0	381.0	381.0	381.0	381.1	381.0	381
D S Picketed Leads	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381.0	381
North Fish Ladder										
Forebay	438.7	438.6	438.1	438.7	438.2	438.3	438.3	438.5	438.6	438.8
Exit Pool	438.8	438.7	438.2	438.8	438.2	438.3	438.4	438.5	438.8	438.8
Makeup Diffuser	434.2	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434.1
U S Picketed Leads	434.2	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434
D S Picketed Leads	434.2	434.1	434.2	434.1	434.1	434.1	434.2	434.1	434.2	434.1
Collection Channels										
South Pwrh SG4	342.7	341.3	340.9	341.0	341.5	342.8	342.2	341.1	342.5	343
North Pwrh SG2	342.4	341.0	340.4	340.6	341.1	342.6	342.0	341.0	342.3	342.7
North Shore SG30	341.9	340.6	340.4	340.8	341.1	342.1	341.9	341.5	341.6	341.9
Tailwater										
South Pwrh SG3	340.8	339.3	339.0	339.0	339.5	341.0	340.4	339.0	340.6	340.8
North Pwrh SG1	340.8	339.3	339.0	339.0	339.5	341.0	340.3	339.0	340.6	340.8
North Shore SG29	340.8	339.3	339.0	339.0	339.5	341.0	340.5	339.4	340.6	340.8
Entrance Weirs										
SFE 1	332.6	332.0	332.0	332.0	332.0	332.8	332.2	332.0	332.5	332.8
NFE 2	332.7	332.2	332.2	332.2	332.2	332.8	332.2	332.3	332.5	332.8
NSE 1	332.1	332.1	332.1	332.1	332.1	332.1	332.1	332.0	332.1	332.1
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	-0.1	0.0
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
North Fish Ladder										
Ladder Exit	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.2	0.0
Ladder Weirs	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.1
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Collection Channels										
South Shore	1.9	2.0	1.9	2.0	2.0	1.8	1.8	2.1	1.9	2.2
North Powerhouse	1.6	1.7	1.4	1.6	1.6	1.6	1.7	2.0	1.7	1.9
North Shore	1.1	1.3	1.4	1.8	1.6	1.1	1.4	2.1	1.0	1.1
Weir Depths										
SFE 1	8.2	7.3	7.0	7.0	7.5	8.2	8.2	7.0	8.1	8.0
NFE 2	8.1	7.1	6.8	6.8	7.3	8.2	8.1	6.7	8.1	8.0
NSE 1	8.7	7.2	6.9	6.9	7.4	8.9	8.4	7.4	8.5	8.7
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	YES	YES	YES	NO	YES	NO
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES
Weir Depths										
SFE 1	YES	SILL	SILL	SILL	SILL	YES	YES	SILL	YES	YES
NFE 2	YES	SILL	SILL	SILL	SILL	YES	YES	SILL	YES	YES
NSE 1	YES	SILL	SILL	SILL	SILL	YES	YES	SILL	YES	YES

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	28-Nov	29-Nov	30-Nov	5-Dec	6-Dec	7-Dec	8-Dec	12-Dec	13-Dec	14-Dec
CHANNEL VELOCITIES IN SOUTH FISHWAY:	2.3	2.6	3.0	2.9	2.7	2.8	2.9	3.0	2.3	3.2
ELEVATIONS:										
South Fish Ladder										
Forebay	438.3	438.2	438.8	438.2	438.3	438.4	438.6	438.5	438.8	438.9
Exit Pool	438.3	438.2	438.8	438.2	438.2	438.5	438.6	438.5	438.8	438.9
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.1
U S Picketed Leads	381.0	381.0	381.1	381.1	381.0	381.0	381.1	381.1	381.1	381.1
D S Picketed Leads	381.0	381.0	381.0	381.1	381.0	381.0	381.0	381.1	381.1	381.1
North Fish Ladder										
Forebay	438.3	438.3	438.9	438.2	438.2	438.5	438.6	438.6	438.8	438.8
Exit Pool	438.5	438.2	439.0	438.2	438.3	438.6	438.8	438.6	439.0	438.8
Makeup Diffuser	434.1	434.2	434.1	434.1	434.2	434.1	434.1	434.2	434.2	434.2
U S Picketed Leads	434.1	434.1	434.1	434.1	434.1	434.1	434.1	434.2	434.2	434.2
D S Picketed Leads	434.1	434.2	434.1	434.1	434.2	434.1	434.1	434.2	434.2	434.2
Collection Channels										
South Pwrh SG4	341.7	342.0	341.7	342.8	341.5	341.5	341.3	342.5	341.9	341.6
North Pwrh SG2	341.5	341.7	341.5	342.1	341.0	341.7	341.0	342.0	341.8	340.9
North Shore SG30	341.5	341.0	341.5	342.9	341.6	340.9	341.8	342.0	342.1	340.9
Tailwater										
South Pwrh SG3	340.0	340.2	339.9	341.0	339.4	339.1	339.3	340.5	339.9	339.3
North Pwrh SG1	340.0	340.2	339.9	340.7	339.4	339.1	339.3	340.5	339.9	339.3
North Shore SG29	340.0	339.6	340.0	341.0	339.4	339.1	339.2	340.4	341.1	339.1
Entrance Weirs										
SFE 1	332.0	332.1	332.0	332.9	332.0	332.0	332.0	332.5	332.0	332
NFE 2	332.3	332.3	332.3	332.5	332.3	332.3	332.3	332.3	332.3	332.3
NSE 1	332.1	332.1	332.1	332.3	332.1	332.1	332.1	332.3	332.1	332
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0
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	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
North Fish Ladder										
Ladder Exit	-0.2	0.1	-0.1	0.0	-0.1	-0.1	-0.2	0.0	-0.2	0.0
Ladder Weirs	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2
Counting Station	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	1.7	1.8	1.8	1.8	2.1	2.4	2.0	2.0	2.0	2.3
North Powerhouse	1.5	1.5	1.6	1.4	1.6	2.6	1.7	1.5	1.9	1.6
North Shore	1.5	1.4	1.5	1.9	2.2	1.8	2.6	1.6	1.0	1.8
Weir Depths										
SFE 1	8.0	8.1	7.9	8.1	7.4	7.1	7.3	8.0	7.9	7.3
NFE 2	7.7	7.9	7.6	8.2	7.1	6.8	7.0	8.2	7.6	7.0
NSE 1	7.9	7.5	7.9	8.7	7.3	7.0	7.1	8.1	9.0	7.1
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Differentials										
South Fish Ladder										
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
North Fish Ladder										
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
Collection Channels										
South Shore	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO
North Powerhouse	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES
North Shore	YES	YES	YES	YES	NO	YES	NO	YES	YES	YES
Weir Depths										
SFE 1	YES	YES	SILL	YES	SILL	SILL	SILL	YES	SILL	SILL
NFE 2	SILL	SILL	SILL	YES	SILL	SILL	SILL	YES	SILL	SILL
NSE 1	SILL	SILL	SILL	YES	SILL	SILL	SILL	YES	YES	SILL

APPENDIX 2 (CONTINUED). ICE HARBOR ADULT FISHWAY INSPECTIONS 2011

DATES:	15-Dec	19-Dec	20-Dec	21-Dec	27-Dec	28-Dec	29-Dec			
CHANNEL VELOCITIES										
IN SOUTH FISHWAY:	3.0	2.5	3.0	3.0	2.5	2.7	2.4			
ELEVATIONS:										
South Fish Ladder										
Forebay	439.2	439.1	439.3	439.1	438.7	438.7	438.7			
Exit Pool	439.0	439.1	439.2	439.2	438.8	438.7	438.7			
Makeup Diffuser	434.1	434.1	434.1	434.1	434.1	434.1	434.1			
U S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1			
D S Picketed Leads	381.1	381.1	381.1	381.1	381.1	381.1	381.1			
North Fish Ladder										
Forebay	439.2	439.0	439.2	439.1	438.9	438.7	438.7			
Exit Pool	439.2	439.1	439.1	439.1	439.0	438.8	438.8			
Makeup Diffuser	434.2	434.3	434.3	434.3	434.2	434.1	434.1			
U S Picketed Leads	434.2	434.2	434.2	434.2	434.1	434.1	434.1			
D S Picketed Leads	434.2	434.3	434.3	434.3	434.2	434.1	434.1			
Collection Channels										
South Pwrh SG4	341.1	341.5	341.4	341.9	342.3	343.1	343.5			
North Pwrh SG2	341.1	341.3	341.1	341.5	342.0	342.8	343.1			
North Shore SG30	340.5	341.2	340.8	341.7	341.7	342.8	343.1			
Tailwater										
South Pwrh SG3	339.1	339.5	339.3	340.2	340.6	341.4	341.8			
North Pwrh SG1	339.1	339.5	339.3	340.2	340.6	341.4	341.8			
North Shore SG29	339.0	339.5	339.3	340.2	340.6	341.4	341.8			
Entrance Weirs										
SFE 1	332.0	332.0	332.0	332.1	332.5	333.2	333.5			
NFE 2	332.3	332.3	332.3	332.3	332.5	333.2	333.5			
NSE 1	332.0	332.3	332.0	332.0	332.0	332.0	332.0			
DIFFERENTIALS/DEPTHS:										
South Fish Ladder										
Ladder Exit	0.2	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Fish Ladder										
Ladder Exit	0.0	-0.1	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
Ladder Weirs	1.2	1.3	1.3	1.3	1.2	1.1	1.1	-433.0	-433.0	-433.0
Counting Station	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Collection Channels										
South Shore	2.0	2.0	2.1	1.7	1.7	1.7	1.7	0.0	0.0	0.0
North Powerhouse	2.0	1.8	1.8	1.3	1.4	1.4	1.3	0.0	0.0	0.0
North Shore	1.5	1.7	1.5	1.5	1.1	1.4	1.3	0.0	0.0	0.0
Weir Depths										
SFE 1	7.1	7.5	7.3	8.1	8.1	8.2	8.3	0.0	0.0	0.0
NFE 2	6.8	7.2	7.0	7.9	8.1	8.2	8.3	0.0	0.0	0.0
NSE 1	7.0	7.2	7.3	8.2	8.6	9.4	9.8	0.0	0.0	0.0
CRITERIA POINTS:										
Channel Velocities	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO
Differentials										
South Fish Ladder										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
North Fish Ladder										
Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels										
South Shore	YES	YES	NO	YES	YES	YES	YES	NO	NO	NO
North Powerhouse	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO
North Shore	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO
Weir Depths										
SFE 1	SILL	SILL	SILL	YES	YES	YES	YES	SILL	SILL	SILL
NFE 2	SILL	SILL	SILL	SILL	YES	YES	YES	SILL	SILL	SILL
NSE 1	SILL	SILL	SILL	YES	YES	YES	YES	SILL	SILL	SILL

DATES:

**CHANNEL VELOCITIES
IN SOUTH FISHWAY:**

ELEVATIONS:

South Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

North Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

Collection Channels

- South Pwrh SG4
- North Pwrh SG2
- North Shore SG30

Tailwater

- South Pwrh SG3
- North Pwrh SG1
- North Shore SG29

Entrance Weirs

- SFE 1
- NFE 2
- NSE 1

DIFFERENTIALS/DEPTHS:

South Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

North Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Collection Channels

South Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Powerhouse	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Weir Depths

SFE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NFE 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NSE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CRITERIA POINTS:

Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
--------------------	----	----	----	----	----	----	----	----	----	----

Differentials

South Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

North Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Collection Channels

South Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Powerhouse	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Weir Depths

SFE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NFE 2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NSE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL

DATES:

**CHANNEL VELOCITIES
IN SOUTH FISHWAY:**

ELEVATIONS:

South Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

North Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

Collection Channels

- South Pwrh SG4
- North Pwrh SG2
- North Shore SG30

Tailwater

- South Pwrh SG3
- North Pwrh SG1
- North Shore SG29

Entrance Weirs

- SFE 1
- NFE 2
- NSE 1

DIFFERENTIALS/DEPTHS:

South Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

North Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Collection Channels

South Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Powerhouse	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Weir Depths

SFE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NFE 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NSE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CRITERIA POINTS:

Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
--------------------	----	----	----	----	----	----	----	----	----	----

Differentials

South Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

North Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Collection Channels

South Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Powerhouse	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Weir Depths

SFE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NFE 2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NSE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL

DATES:

**CHANNEL VELOCITIES
IN SOUTH FISHWAY:**

ELEVATIONS:

South Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

North Fish Ladder

- Forebay
- Exit Pool
- Makeup Diffuser
- U S Picketed Leads
- D S Picketed Leads

Collection Channels

- South Pwrh SG4
- North Pwrh SG2
- North Shore SG30

Tailwater

- South Pwrh SG3
- North Pwrh SG1
- North Shore SG29

Entrance Weirs

- SFE 1
- NFE 2
- NSE 1

DIFFERENTIALS/DEPTHS:

South Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

North Fish Ladder

Ladder Exit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ladder Weirs	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0	-433.0
Counting Station	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Collection Channels

South Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Powerhouse	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Shore	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Weir Depths

SFE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NFE 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NSE 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CRITERIA POINTS:

Channel Velocities	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
--------------------	----	----	----	----	----	----	----	----	----	----

Differentials

South Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

North Fish Ladder

Ladder Exit	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Ladder Weirs	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Counting Station	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

Collection Channels

South Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Powerhouse	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
North Shore	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Weir Depths

SFE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NFE 2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
NSE 1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL

Max	Min
439.7	437.2
439.7	437.2
434.2	434.1
381.3	381.0
381.1	381.0
439.7	437.2
439.7	437.2
434.4	433.9
434.4	433.9
434.4	433.9
354.2	340.9
354.2	340.4
353.0	339.0
353.2	339.0
353.0	339.0
351.5	338.0
348.1	332.0
344.1	332.2
345.8	332.0
438.9	-0.2
1.2	-433.0
0.2	0.0
0.2	-0.2
1.4	0.9
0.1	-0.1
2.8	0.0
2.6	0.0
2.7	-1.0
9.8	0.0
14.5	0.0
19.2	-3.4

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	0	0	0	0	0	0	0	0
NFE 2	1	1	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
Ladder Exit	1	1	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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	1	1	1	1	1	0	0	1	0
NSE 1	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	1	1	0	1
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)									
Weir Depths									
SFE 1	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	1	0	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	0	1	1	1	1	1
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	0	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	0	1	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	1	0	0	0	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	1	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
SFE 1	1	1	1	0	1	0	1	1	1	1
NFE 2	1	1	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
SFE 1	0	0	0	1	0	1	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
SFE 1	1	1	0	1	1	1	1	1	1	1
NFE 2	1	1	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
SFE 1	0	0	1	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	1	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	0	0	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	0	1	0	1	1	1	0	1	0	1
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	1	0	0	1	0	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	1	1	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	0	1	0	0	0	1	0	1	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	1	1	0	1	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	0	1	1	1	1	1	0	1	1	1
Weir Depths										
SFE 1	1	1	0	1	1	1	1	0	0	0
NFE 2	1	1	1	1	1	1	1	1	0	0
NSE 1	1	1	0	1	1	1	0	0	0	0

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	0	0	0	0	0	1	0	0	0
Weir Depths										
SFE 1	0	0	1	0	0	0	0	1	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	1	1
NFE 2	0	0	0	0	0	0	0	0	1	1
NSE 1	0	0	1	0	0	0	1	1	1	1

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

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	0	1	0	0	1	0	1	0
NFE 2	0	0	0	1	0	0	0	0	0	0
NSE 1	1	1	1	1	1	1	1	1	1	0

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	1	1	0	0	0	0

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	0	1	1	1	1	1
North Powerhouse	1	0	1	1	1	1	1	1	1	1
North Shore	0	0	0	0	1	1	1	1	1	1
Weir Depths										
SFE 1	1	0	1	1	1	1	1	1	0	1
NFE 2	1	1	1	1	1	1	1	1	0	1
NSE 1	1	0	1	1	1	1	1	1	0	0

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	1	0	0	0	0
North Powerhouse	0	1	0	0	0	0	0	0	0	0
North Shore	1	1	1	1	0	0	0	0	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	1	1

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	1	0	0	0	0	0	0	1	0
NFE 2	0	0	0	0	0	0	0	0	1	0
NSE 1	0	1	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	0	1	1	1	1
North Powerhouse	1	1	1	1	1	0	1	1	1	1
North Shore	1	1	1	1	1	0	1	1	1	0
Weir Depths										
SFE 1	0	0	1	1	0	1	0	1	1	0
NFE 2	0	0	1	1	0	1	0	1	1	0
NSE 1	0	0	0	0	0	1	0	0	1	0

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	1	0	0	0
North Powerhouse	0	0	0	0	0	0	1	0	0	0
North Shore	0	0	0	0	0	0	1	0	0	1
Weir Depths										
SFE 1	0	0	0	0	0	0	1	0	0	0
NFE 2	0	0	0	0	0	0	1	0	0	0
NSE 1	1	1	1	1	1	0	1	1	0	1

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	0	0	1	0	0	0	0	1
NFE 2	1	1	0	0	1	0	0	0	0	1
NSE 1	0	0	0	0	0	0	0	0	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Weir Depths										
SFE 1	1	1	0	0	0	0	1	1	1	0
NFE 2	0	1	0	0	0	0	1	1	0	0
NSE 1	1	1	0	0	0	0	1	1	1	0

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	1	1	1	1	0	0	0	1
NFE 2	1	0	1	1	1	1	0	0	1	1
NSE 1	0	0	1	1	1	1	0	0	0	1

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	1	1	1	0	1	0
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	0	1	1
Weir Depths										
SFE 1	1	0	0	0	0	1	1	0	1	1
NFE 2	1	0	0	0	0	1	1	0	1	1
NSE 1	1	0	0	0	0	1	1	0	1	1

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	0	0	0	1	0	1
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	1	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	1	1	1	1	0	0	1	0	0
NFE 2	0	1	1	1	1	0	0	1	0	0
NSE 1	0	1	1	1	1	0	0	1	0	0

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

CRITERIA POINTS: YES (Output = 0, 1, or NA)										
Channel Velocities	1	1	1	1	1	1	1	1	1	1
Differentials										
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
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
Collection Channels										
South Shore	1	1	1	1	0	0	1	1	1	0
North Powerhouse	1	1	1	1	1	0	1	1	1	1
North Shore	1	1	1	1	0	1	0	1	1	1
Weir Depths										
SFE 1	1	1	0	1	0	0	0	1	0	0
NFE 2	0	0	0	1	0	0	0	1	0	0
NSE 1	0	0	0	1	0	0	0	1	1	0

CRITERIA POINTS: NO (Output = 0, 1, or NA)										
Channel Velocities	0	0	0	0	0	0	0	0	0	0
Differentials										
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
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
Collection Channels										
South Shore	0	0	0	0	1	1	0	0	0	1
North Powerhouse	0	0	0	0	0	1	0	0	0	0
North Shore	0	0	0	0	1	0	1	0	0	0
Weir Depths										
SFE 1	0	0	0	0	0	0	0	0	0	0
NFE 2	0	0	0	0	0	0	0	0	0	0
NSE 1	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	0	0	1	0	1	1	1	0	1	1
NFE 2	1	1	1	0	1	1	1	0	1	1
NSE 1	1	1	1	0	1	1	1	0	0	1

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

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	1	0	0	0	0	1	1	1
NFE 2	1	1	1	1	0	0	0	1	1	1
NSE 1	1	1	1	0	0	0	0	1	1	1

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	1	1	1
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	1	1	1
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	1	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	1	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

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

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

CRITERIA POINTS: SILL (Output = 0, 1, or NA)										
Weir Depths										
SFE 1	1	1	1	1	1	1	1	1	1	1
NFE 2	1	1	1	1	1	1	1	1	1	1
NSE 1	1	1	1	1	1	1	1	1	1	1

South Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
South Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
South Ladder Differentials (0.01 - 0.1 too high)										
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 Ladder Differentials (0.11 - 0.2 too high)										
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 Ladder Differentials (more than 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	1	1	1	1	1	1	1	1	1	1
Counting Station	Not applicable.									
North Ladder Differentials (0.11 - 0.2 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too low)										
Ladder Exit	Not applicable.									
Ladder Weirs	0	0	0	0	0	0	0	0	0	0
Counting Station	Not applicable.									
North Ladder Differentials (0.01 - 0.1 too high)										
Ladder Exit	0	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0	0

CRITERIA POINTS: YES	No. of YES	Total No. of Inspections	% YES
Channel Velocities	85	156	54.5
Differentials			
South Fish Ladder			
Ladder Exit	154	156	98.7
Ladder Weirs	154	156	98.7
Counting Station	156	156	100.0
North Fish Ladder			
Ladder Exit	156	156	100.0
Ladder Weirs	153	156	98.1
Counting Station	156	156	100.0
Collection Channels			
South Shore	144	156	92.3
North Powerhouse	151	156	96.8
North Shore	128	156	82.1
Weir Depths			
SFE 1	115	156	73.7
NFE 2	111	156	71.2
NSE 1	109	156	69.9

CRITERIA POINTS: NO	No. of NO	% NO
Channel Velocities	71	45.5
Differentials		
South Fish Ladder		
Ladder Exit	2	1.3
Ladder Weirs	2	1.3
Counting Station	0	0.0
North Fish Ladder		
Ladder Exit	0	0.0
Ladder Weirs	3	1.9
Counting Station	0	0.0
Collection Channels		
South Shore	12	7.7
North Powerhouse	5	3.2
North Shore	28	17.9
Weir Depths		
SFE 1	9	5.8
NFE 2	11	7.1
NSE 1	12	7.7

CRITERIA POINTS: SILL	No. of SILL	% SILL
Weir Depths		
SFE 1	32	20.5
NFE 2	34	21.8
NSE 1	35	22.4

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.

South Ladder Differentials (more than 0.2 too low)	
Ladder Exit	Not applicable.
Ladder Weirs	2
Counting Station	Not applicable.
South Ladder Differentials (0.11 - 0.2 too low)	
Ladder Exit	Not applicable.
Ladder Weirs	0
Counting Station	Not applicable.
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	2
Ladder Weirs	0
Counting Station	0
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	1
Counting Station	Not applicable.
North Ladder Differentials (0.01 - 0.1 too high)	
Ladder Exit	0
Ladder Weirs	2

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	
ICE HARBOR			-----Not Enough Depth-----			-----Too Much Depth-----			
Criteria and Locations	No. in Criteria/ No. on Sill/ No. of Inspections	% In Criteria/ % On Sill	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	85 *** 156	54.5 ***	*** ***	*** ***	*** ***	*** ***	*** ***	*** ***	1 2 3 4 5 6 7 8 9
Differentials									10
South Fish Ladder									11
Ladder Exit	154 *** 156	98.7 ***	*** ***	*** ***	*** ***	0 0.0	0 0.0	2 1.3	12 13 14
Ladder Weirs	154 *** 156	98.7 ***	0 0.0	0 0.0	2 1.3	0 0.0	0 0.0	0 0.0	15 16 17
Counting Station	156 *** 156	100.0 ***	*** ***	*** ***	*** ***	0 0.0	0 0.0	0 0.0	18 19 20
North Fish Ladder									21
Ladder Exit	156 *** 156	100.0 ***	*** ***	*** ***	*** ***	0 0.0	0 0.0	0 0.0	22 23 24
Ladder Weirs	153 *** 156	98.1 ***	1 0.6	0 0.0	0 0.0	2 1.3	0 0.0	0 0.0	25 26 27
Counting Station	156 *** 156	100.0 ***	*** ***	*** ***	*** ***	0 0.0	0 0.0	0 0.0	28 29 30
Collection Channels									31
South Shore	144 *** 156	92.3 ***	0 0.0	0 0.0	2 1.3	1 0.6	4 2.6	1 0.6	32 33 34
North Powerhouse	151 *** 156	96.8 ***	0 0.0	0 0.0	3 1.9	0 0.0	0 0.0	1 0.6	35 36 37
North Shore	128 *** 156	82.1 ***	2 1.3	4 2.6	17 10.9	0 0.0	2 1.3	1 0.6	38 39 40
Weir Depths									41
SFE 1	115 32 156	73.7 20.5	0 0.0	4 2.6	5 3.2	*** ***	*** ***	*** ***	42 43 44
NFE 2	111 34 156	71.2 21.8	0 0.0	2 1.3	9 5.8	*** ***	*** ***	*** ***	45 46 47
NSE 1	109 35 156	69.9 22.4	0 0.0	0 0.0	12 7.7	*** ***	*** ***	*** ***	48 49 50

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	1	1	0	0	0	0	0	0	0	0
North Powerhouse	1	1	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	1	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	1	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	1	0	0	1
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	1	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)									
Ladder Exit	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0
North Ladder Differentials (more than 0.2 too high)									
Ladder Exit	0	0	0	0	0	0	0	0	0
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (<0.80)									
South Shore	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									
South Shore	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
South Shore	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
South Shore	0	0	0	0	0	1	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
South Shore	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
South Shore	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	1	0	0	0
NSE 1 (<7.80)	0	0	0	0	1	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)									
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)									
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	1	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	1	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	1	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	1	0	1	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	1	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	0	0	0	0	1	1	1	0	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	1	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	0	0	0	0	0	0	0	1	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	1	0	0	0	1	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	1	1	0	1	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	1	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	1	0	0	0	0	1	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	1	1	0	0	1	0	0	0	0	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	1	1	0	0	0	1	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	1	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	1	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	1	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	1	0	0	0	0	0	0	0	0
North Shore	1	1	1	1	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	1	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	1	1
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	1
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	1	0	0	0
North Powerhouse	0	0	0	0	0	0	1	0	0	0
North Shore	0	0	0	0	0	0	1	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	1	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	1	0	0	0
NSE 1 (<7.80)	1	1	1	1	1	0	1	1	0	1
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	1	0	1
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	1	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	1	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	1	0	0	0	1
North Powerhouse	0	0	0	0	0	1	0	0	0	0
North Shore	0	0	0	0	1	0	1	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	0	0	0	0	0	0	0	1	1	1
North Powerhouse	0	0	0	0	0	0	0	1	1	1
North Shore	0	0	0	0	0	0	0	1	1	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	1	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0

Counting Station	0	0	0	0	0	0	0	0	0	0
North Ladder Differentials (0.11 - 0.2 too high)										
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
North Ladder Differentials (more than 0.2 too high)										
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
Channel/Tailwater Differentials (<0.80)										
South Shore	1	1	1	1	1	1	1	1	1	1
North Powerhouse	1	1	1	1	1	1	1	1	1	1
North Shore	1	1	1	1	1	1	1	1	1	1
Channel/Tailwater Differentials (0.80 - 0.89)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)										
South Shore	0	0	0	0	0	0	0	0	0	0
North Powerhouse	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)										
SFE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
NFE 2 (<7.80)	0	0	0	0	0	0	0	0	0	0
NSE 1 (<7.80)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.11 - 0.2 too low)										
SFE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0	0
Entrance Weir Depths (0.01 - 0.1 too low)										
SFE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NFE 2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	0
NSE 1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0	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
Channel/Tailwater Differentials (<0.80)	
South Shore	2
North Powerhouse	3
North Shore	17
Channel/Tailwater Differentials (0.80 - 0.89)	
South Shore	0
North Powerhouse	0
North Shore	4
Channel/Tailwater Differentials (0.90 - 0.99):	
South Shore	0
North Powerhouse	0
North Shore	2
Channel/Tailwater Differentials (2.01 - 2.10)	
South Shore	1
North Powerhouse	0
North Shore	0
Channel/Tailwater Differentials (2.11 - 2.20)	
South Shore	4
North Powerhouse	0
North Shore	2
Channel/Tailwater Differentials (>2.20)	
South Shore	1
North Powerhouse	1
North Shore	1
Entrance Weir Depths (more than 0.2 too low)	
SFE 1 (<7.80)	5
NFE 2 (<7.80)	9
NSE 1 (<7.80)	12
Entrance Weir Depths (0.11 - 0.2 too low)	
SFE 1 (7.80 - 7.89)	4
NFE 2 (7.80 - 7.89)	2
NSE 1 (7.80 - 7.89)	0
Entrance Weir Depths (0.01 - 0.1 too low)	
SFE 1 (7.90 - 7.99)	0
NFE 2 (7.90 - 7.99)	0
NSE 1 (7.90 - 7.99)	0