

NSE-2	0	0	0	0	0	0	0	0	0
SPE-1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1
SSE-1	0	0	0	0	0	0	0	0	0
SSE-2 (feet above sill)									

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

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
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
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
Channel/Tailwater Differentials (<0.80)									
North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (0.90 - 0.99):

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.01 - 2.10)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.11 - 2.20)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (>2.20)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Entrance Weir Depths (more than 0.2 too low)

NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

Entrance Weir Depths (0.11 - 0.2 too low)

NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	1	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

Entrance Weir Depths (0.01 - 0.1 too low)

NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

YES

YES YES YES YES YES YES NO YES YES

YES	Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES
YES	Counting Station	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels									
YES	North Shore	YES	YES	YES	YES	YES	YES	YES	YES
YES	South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES
YES	South Shore	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths									
YES	NSE-1	YES	YES	YES	YES	YES	YES	YES	YES
YES	NSE-2	YES	YES	YES	YES	YES	YES	YES	YES
SILL	SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
YES	SSE-1	YES	YES	YES	YES	SILL	YES	SILL	SILL
YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES

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

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

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

0	NSE-2	0	0	0	0	0	0	0	0
1	SPE-1	1	1	1	1	1	1	1	1
1	SPE-2	1	1	1	1	1	1	1	1
0	SSE-1	0	0	0	0	1	0	1	1
	SSE-2 (feet above sill)								

North Ladder Differentials (more than 0.2 too low)									
	Ladder Exit	Not applicable.							
0	Ladder Weirs	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.							
0	Ladder Weirs	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.							
0	Ladder Weirs	0	0	0	0	0	0	0	0
	Counting Station	Not applicable.							
North Ladder Differentials (0.01 - 0.1 too high)									
0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	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
North Ladder Differentials (more than 0.2 too high)									
0	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
South Ladder Differentials (more than 0.2 too low)									
	Ladder Exit	Not applicable.							
0	Ladder Weirs	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.							
0	Ladder Weirs	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.							
0	Ladder Weirs	0	0	0	0	0	0	0	0
	Counting Station	Not applicable.							
South Ladder Differentials (0.01 - 0.1 too high)									
0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	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
South Ladder Differentials (more than 0.2 too high)									
0	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
Channel/Tailwater Differentials (<0.80)									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	NSE-1 (<7.80)	0	0	0	0	0	0	0	0
0	NSE-2 (<7.80)	0	0	0	0	0	0	0	0
0	SPE-1 (<7.80)	0	0	0	0	0	0	0	0
0	SPE-2 (<7.80)	0	0	0	0	0	0	0	0
0	SSE-1 (<7.80)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							
Entrance Weir Depths (0.11 - 0.2 too low)									
0	NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							
Entrance Weir Depths (0.01 - 0.1 too low)									
0	NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							

YES

APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS

7-Apr	9-Apr	10-Apr	DATES:	11-Apr	14-Apr	16-Apr	17-Apr	18-Apr	21-Apr
2.3	2.2	2.2	CHAN'L VELOCITIES (N):	2.2	2.4	2.5	2.1	2.1	2.2
3.4	3.8	3.5	Turbidity	3.5	3.4	5	4.1	5	4.1
			ELEVATIONS:						
			North Fish Ladder						
538.0	538.0	537.8	Forebay	538.2	537.8	538.1	537.9	537.7	537.9
538.0	537.9	537.8	Exit Pool	538.1	537.8	538.1	537.9	537.7	537.9
534.0	534.1	534.1	Makeup Diffuser	534.1	534.0	534.1	534.1	534.1	534.1
468.1	468.2	468.1	U S Picketed Leads	468.1	468.2	468.1	467.9	468.0	467.9
468.0	468.0	468.0	D S Picketed Leads	468.0	467.9	468.0	467.7	467.8	467.7
			South Fish Ladder						
538.0	537.9	537.8	Forebay	538.1	537.8	538.0	537.8	537.6	537.9
537.9	537.8	537.7	Exit Pool	538.0	537.8	538.0	537.8	537.6	537.9
534.1	534.1	534.1	Makeup Diffuser	534.1	534.1	534.1	534.1	534.0	534.1
534.1	534.1	534.1	U S Picketed Leads	534.1	534.1	534.0	534.1	534.0	534.0
534.1	534.1	534.1	D S Picketed Leads	534.1	534.1	534.0	534.1	534.0	534.0
			Collection Channels						
439.7	439.9	439.6	North Shore	439.6	439.0	439.2	439.2	439.2	439.4
439.7	439.7	439.4	South Powerhouse	439.7	439.0	439.2	439.3	439.2	439.3
439.3	439.1	439.0	South Shore	438.8	438.6	438.7	438.9	438.7	438.8
			Tailwater						
438.5	438.4	438.0	North Shore	438.1	437.5	437.5	437.7	437.7	438.0
438.4	438.2	437.8	South Powerhouse	438.2	437.5	437.6	437.8	437.6	437.8
437.7	437.4	437.3	South Shore	436.8	436.8	436.7	437.0	436.7	437.1
			Entrance Weirs						
430.3	430.2	429.9	NSE-1	430.0	429.2	429.5	429.3	429.5	430.1
430.3	430.2	429.9	NSE-2	429.9	429.2	429.5	429.6	429.6	430.1
432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0	432.0	432.0
432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0	432.0	432.0
431.0	431.0	431.0	SSE-1	431.0	431.0	431.0	431.0	431.0	431.0
6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0
			DIFFERENTIALS/DEPTHS:						
			North Fish Ladder						
0.0	0.1	0.0	Ladder Exit	0.1	0.0	0.0	0.0	0.0	0.0
1.0	1.1	1.1	Ladder Weirs	1.1	1.0	1.1	1.1	1.1	1.1
0.1	0.2	0.1	Counting Station	0.1	0.3	0.1	0.2	0.2	0.2
			South Fish Ladder						
0.1	0.1	0.1	Ladder Exit	0.1	0.0	0.0	0.0	0.0	0.0
1.1	1.1	1.1	Ladder Weirs	1.1	1.1	1.1	1.1	1.0	1.1
0.0	0.0	0.0	Counting Station	0.0	0.0	0.0	0.0	0.0	0.0
			Collection Channels						
1.2	1.5	1.6	North Shore	1.5	1.5	1.7	1.5	1.5	1.4
1.3	1.5	1.6	South Powerhouse	1.5	1.5	1.6	1.5	1.6	1.5
1.6	1.7	1.7	South Shore	2.0	1.8	2.0	1.9	2.0	1.7
			Weir Depths						
8.2	8.2	8.1	NSE-1	8.1	8.3	8.0	8.4	8.2	7.9
8.2	8.2	8.1	NSE-2	8.2	8.3	8.0	8.1	8.1	7.9
6.4	6.2	5.8	SPE-1	6.2	5.5	5.6	5.8	5.6	5.8
6.4	6.2	5.8	SPE-2	6.2	5.5	5.6	5.8	5.6	5.8
6.7	6.4	6.3	SSE-1	5.8	5.8	5.7	6.0	5.7	6.1
6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0
			CRITERIA POINTS:						
YES	YES	YES	Channel Velocities	YES	YES	YES	YES	YES	YES
			Differentials						
			North Fish Ladder						
YES	YES	YES	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
			South Fish Ladder						
YES	YES	YES	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
			Collection Channels						
YES	YES	YES	North Shore	YES	YES	YES	YES	YES	YES
YES	YES	YES	South Powerhouse	YES	YES	YES	YES	YES	YES
YES	YES	YES	South Shore	YES	YES	YES	YES	YES	YES
			Weir Depths						
YES	YES	YES	NSE-1	YES	YES	YES	YES	YES	NO
YES	YES	YES	NSE-2	YES	YES	YES	YES	YES	NO
SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SSE-1	SILL	SILL	SILL	SILL	SILL	SILL
YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES

(Output = 0. CRITERIA POINTS: YES

1	1	1	Channel Velocities	1	1	1	1	1	1
			Differentials						
			North Fish Ladder						
1	1	1	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
			South Fish Ladder						
1	1	1	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
			Collection Channels						
1	1	1	North Shore	1	1	1	1	1	1
1	1	1	South Powerhouse	1	1	1	1	1	1
1	1	1	South Shore	1	1	1	1	1	1
			Weir Depths						
1	1	1	NSE-1	1	1	1	1	1	0
1	1	1	NSE-2	1	1	1	1	1	0
0	0	0	SPE-1	0	0	0	0	0	0
0	0	0	SPE-2	0	0	0	0	0	0
0	0	0	SSE-1	0	0	0	0	0	0
1	1	1	SSE-2 (feet above sill)	1	1	1	1	1	1

(Output = 0. CRITERIA POINTS: NO

0	0	0	Channel Velocities	0	0	0	0	0	0
			Differentials						
			North Fish Ladder						
0	0	0	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
			South Fish Ladder						
0	0	0	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
			Collection Channels						
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
			Weir Depths						
0	0	0	NSE-1	0	0	0	0	0	1
0	0	0	NSE-2	0	0	0	0	0	1
0	0	0	SPE-1	0	0	0	0	0	0
0	0	0	SPE-2	0	0	0	0	0	0
0	0	0	SSE-1	0	0	0	0	0	0
0	0	0	SSE-2 (feet above sill)	0	0	0	0	0	0

(Output = 0. CRITERIA POINTS: SILL

			Weir Depths						
0	0	0	NSE-1	0	0	0	0	0	0

0	0	0	NSE-2	0	0	0	0	0	0
1	1	1	SPE-1	1	1	1	1	1	1
1	1	1	SPE-2	1	1	1	1	1	1
1	1	1	SSE-1	1	1	1	1	1	1
			SSE-2 (feet above sill)						

North Ladder Differentials (more than 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	NSE-1 (<7.80)	0	0	0	0	0	0
0	0	0	NSE-2 (<7.80)	0	0	0	0	0	0
0	0	0	SPE-1 (<7.80)	0	0	0	0	0	0
0	0	0	SPE-2 (<7.80)	0	0	0	0	0	0
0	0	0	SSE-1 (<7.80)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0	0	1
0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0	0	1
0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					

2021				APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTION					
23-Apr	24-Apr	25-Apr	28-Apr	DATES:	30-Apr	1-May	2-May	5-May	7-May
2	2.4	2.4	2.4	CHAN'L VELOCITIES (N):	2.6	2.7	2.4	2.7	2.5
5.2	5.1	5.4	4.1	Turbidity	5.6	4.2	5.4	4.3	5
				ELEVATIONS:					
				North Fish Ladder					
538.1	537.5	537.9	537.6	Forebay	538.1	537.8	538.0	538.0	537.9
538.0	537.5	537.9	537.6	Exit Pool	538.1	537.8	538.0	538.0	537.8
534.1	534.0	534.0	534.0	Makeup Diffuser	534.0	534.0	534.0	534.1	534.0
468.0	467.9	468.0	468.0	U S Picketed Leads	468.0	467.9	467.9	468.0	467.9
467.8	467.7	467.8	467.7	D S Picketed Leads	467.8	467.7	467.7	467.8	467.7
				South Fish Ladder					
538.0	537.5	537.9	537.6	Forebay	538.0	537.8	538.0	538.0	537.8
538.0	537.5	537.9	537.6	Exit Pool	538.0	537.8	537.9	538.0	537.8
534.1	534.0	534.1	534.0	Makeup Diffuser	534.0	534.0	534.0	534.1	534.0
534.0	534.1	534.1	534.0	U S Picketed Leads	534.1	534.0	534.0	534.1	534.0
534.0	534.0	534.1	534.0	D S Picketed Leads	534.0	534.0	534.0	534.1	534.0
				Collection Channels					
439.1	439.3	439.6	439.2	North Shore	439.7	439.7	440.3	439.8	440.3
439.1	439.2	439.6	439.4	South Powerhouse	439.7	439.7	440.3	439.8	440.1
438.7	438.7	439.0	438.9	South Shore	439.4	438.9	439.6	439.0	439.9
				Tailwater					
437.9	438.3	438.2	438.2	North Shore	438.3	438.5	439.0	438.6	439.0
437.8	437.7	438.2	438.2	South Powerhouse	438.4	438.0	438.9	438.7	438.7
436.8	437.1	437.3	437.3	South Shore	437.8	437.4	437.8	437.3	438.6
				Entrance Weirs					
429.7	430.0	430.1	429.8	NSE-1	430.3	430.2	431.0	430.2	430.8
429.9	430.3	430.1	429.8	NSE-2	430.2	430.4	430.9	430.3	430.9
432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0	432.0
432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0	432.0
431.0	431.0	431.0	431.0	SSE-1	431.0	431.0	431.0	431.0	431.0
6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0
				DIFFERENTIALS/DEPTHS:					
				North Fish Ladder					
0.1	0.0	0.0	0.0	Ladder Exit	0.0	0.0	0.0	0.0	0.1
1.1	1.0	1.0	1.0	Ladder Weirs	1.0	1.0	1.0	1.1	1.0
0.2	0.2	0.2	0.3	Counting Station	0.2	0.2	0.2	0.2	0.2
				South Fish Ladder					
0.0	0.0	0.0	0.0	Ladder Exit	0.0	0.0	0.1	0.0	0.0
1.1	1.0	1.1	1.0	Ladder Weirs	1.0	1.0	1.0	1.1	1.0
0.0	0.1	0.0	0.0	Counting Station	0.1	0.0	0.0	0.0	0.0
				Collection Channels					
1.2	1.0	1.4	1.0	North Shore	1.4	1.2	1.3	1.2	1.3
1.3	1.5	1.4	1.2	South Powerhouse	1.3	1.7	1.4	1.1	1.4
1.9	1.6	1.7	1.6	South Shore	1.6	1.5	1.8	1.7	1.3
				Weir Depths					
8.2	8.3	8.1	8.4	NSE-1	8.0	8.3	8.0	8.4	8.2
8.0	8.0	8.1	8.4	NSE-2	8.1	8.1	8.1	8.3	8.1
5.8	5.7	6.2	6.2	SPE-1	6.4	6.0	6.9	6.7	6.7
5.8	5.7	6.2	6.2	SPE-2	6.4	6.0	6.9	6.7	6.7
5.8	6.1	6.3	6.3	SSE-1	6.8	6.4	6.8	6.3	7.6
6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0
				CRITERIA POINTS:					
YES	YES	YES	YES	Channel Velocities	YES	YES	YES	YES	YES
				Differentials					
				North Fish Ladder					
YES	YES	YES	YES	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
				South Fish Ladder					
YES	YES	YES	YES	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
				Collection Channels					
YES	YES	YES	YES	North Shore	YES	YES	YES	YES	YES
YES	YES	YES	YES	South Powerhouse	YES	YES	YES	YES	YES
YES	YES	YES	YES	South Shore	YES	YES	YES	YES	YES
				Weir Depths					
YES	YES	YES	YES	NSE-1	YES	YES	YES	YES	YES
YES	YES	YES	YES	NSE-2	YES	YES	YES	YES	YES
SILL	SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SSE-1	SILL	SILL	SILL	SILL	SILL
YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES

(Output = 0. CRITERIA POINTS: YES

1	1	1	1	Channel Velocities	1	1	1	1	1
				Differentials					
				North Fish Ladder					
1	1	1	1	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
				South Fish Ladder					
1	1	1	1	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
				Collection Channels					
1	1	1	1	North Shore	1	1	1	1	1
1	1	1	1	South Powerhouse	1	1	1	1	1
1	1	1	1	South Shore	1	1	1	1	1
				Weir Depths					
1	1	1	1	NSE-1	1	1	1	1	1
1	1	1	1	NSE-2	1	1	1	1	1
0	0	0	0	SPE-1	0	0	0	0	0
0	0	0	0	SPE-2	0	0	0	0	0
0	0	0	0	SSE-1	0	0	0	0	0
1	1	1	1	SSE-2 (feet above sill)	1	1	1	1	1

(Output = 0. CRITERIA POINTS: NO

0	0	0	0	Channel Velocities	0	0	0	0	0
				Differentials					
				North Fish Ladder					
0	0	0	0	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
				South Fish Ladder					
0	0	0	0	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
				Collection Channels					
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
				Weir Depths					
0	0	0	0	NSE-1	0	0	0	0	0
0	0	0	0	NSE-2	0	0	0	0	0
0	0	0	0	SPE-1	0	0	0	0	0
0	0	0	0	SPE-2	0	0	0	0	0
0	0	0	0	SSE-1	0	0	0	0	0
0	0	0	0	SSE-2 (feet above sill)	0	0	0	0	0

(Output = 0. CRITERIA POINTS: SILL

0	0	0	0	Weir Depths					
				NSE-1	0	0	0	0	0

0	0	0	0	NSE-2	0	0	0	0	0
1	1	1	1	SPE-1	1	1	1	1	1
1	1	1	1	SPE-2	1	1	1	1	1
1	1	1	1	SSE-1	1	1	1	1	1
				SSE-2 (feet above sill)					

North Ladder Differentials (more than 0.2 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
Not applicab				Counting Station					
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0

Channel/Tailwater Differentials (0.90 - 0.99):

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0

Channel/Tailwater Differentials (2.01 - 2.10)

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0

Channel/Tailwater Differentials (2.11 - 2.20)

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0

Channel/Tailwater Differentials (>2.20)

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0

Entrance Weir Depths (more than 0.2 too low)

0	0	0	0	NSE-1 (<7.80)	0	0	0	0	0
0	0	0	0	NSE-2 (<7.80)	0	0	0	0	0
0	0	0	0	SPE-1 (<7.80)	0	0	0	0	0
0	0	0	0	SPE-2 (<7.80)	0	0	0	0	0
0	0	0	0	SSE-1 (<7.80)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)	Not Applic.				

Entrance Weir Depths (0.11 - 0.2 too low)

0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)	Not Applic.				

Entrance Weir Depths (0.01 - 0.1 too low)

0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)	Not Applic.				

IS		2021				APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY I				
8-May	9-May	12-May	13-May	14-May	DATES:	15-May	16-May	19-May	21-May	
2.7	2.6	2.4	2.3	3.1	CHAN'L VELOCITIES (N):	2.4	3	2.6	3.00	
5.6	5.1	4.3	6.4	5.4	Turbidity	4.9	5.9	5.9	6.1	
					ELEVATIONS:					
					North Fish Ladder					
537.9	537.8	538.0	537.8	537.9	Forebay	537.9	538.3	538.1	537.7	
537.9	537.8	538.0	537.8	537.9	Exit Pool	537.9	538.2	538.1	537.7	
534.1	534.0	534.1	534.1	534.0	Makeup Diffuser	534.0	534.0	534.0	534.0	
467.9	467.9	468.0	468.0	468.0	U S Picketed Leads	468.0	468.0	468.0	468.0	
467.7	467.7	467.8	467.8	467.8	D S Picketed Leads	467.8	467.8	467.8	467.8	
					South Fish Ladder					
537.9	537.8	538.0	537.8	537.9	Forebay	537.8	538.2	538.1	537.8	
537.9	537.8	538.0	537.8	537.9	Exit Pool	537.8	538.2	538.1	537.7	
534.0	534.0	534.1	534.1	534.0	Makeup Diffuser	534.1	534.0	534.1	534.1	
534.0	534.0	534.1	534.1	534.0	U S Picketed Leads	534.1	534.0	534.1	534.1	
534.0	534.0	534.1	534.1	534.0	D S Picketed Leads	534.1	534.0	534.1	534.1	
					Collection Channels					
440.5	440.0	439.8	439.9	439.8	North Shore	439.6	440.2	441.6	440.3	
440.4	439.9	439.9	439.6	439.7	South Powerhouse	439.6	440.1	441.0	440.2	
439.6	439.1	439.0	439.2	439.4	South Shore	438.9	439.2	440.1	439.8	
					Tailwater					
439.2	438.7	438.8	438.5	438.5	North Shore	438.6	439.0	440.5	439.2	
439.0	438.8	438.8	438.5	438.4	South Powerhouse	438.6	439.0	439.7	439.0	
438.0	437.5	437.4	437.7	437.7	South Shore	437.3	437.6	439.1	438.3	
					Entrance Weirs					
430.9	430.4	430.1	430.2	430.4	NSE-1	430.1	430.5	432.1	430.8	
431.1	430.6	430.1	430.3	430.4	NSE-2	430.3	430.6	432.4	431.1	
432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0	
432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0	
431.0	431.0	431.0	431.0	431.0	SSE-1	431.0	431.0	431.0	431.0	
6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	
					DIFFERENTIALS/DEPTHS:					
					North Fish Ladder					
0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.0	0.1	0.0	0.0	
1.1	1.0	1.1	1.1	1.0	Ladder Weirs	1.0	1.0	1.0	1.0	
0.2	0.2	0.2	0.2	0.2	Counting Station	0.2	0.2	0.2	0.2	
					South Fish Ladder					
0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.0	0.0	0.0	0.1	
1.0	1.0	1.1	1.1	1.0	Ladder Weirs	1.1	1.0	1.1	1.1	
0.0	0.0	0.0	0.0	0.0	Counting Station	0.0	0.0	0.0	0.0	
					Collection Channels					
1.3	1.3	1.0	1.4	1.3	North Shore	1.0	1.2	1.1	1.1	
1.4	1.1	1.1	1.1	1.3	South Powerhouse	1.0	1.1	1.3	1.2	
1.6	1.6	1.6	1.5	1.7	South Shore	1.6	1.6	1.0	1.5	
					Weir Depths					
8.3	8.3	8.7	8.3	8.1	NSE-1	8.5	8.5	8.4	8.4	
8.1	8.1	8.7	8.2	8.1	NSE-2	8.3	8.4	8.1	8.1	
7.0	6.8	6.8	6.5	6.4	SPE-1	6.6	7.0	7.7	7.0	
7.0	6.8	6.8	6.5	6.4	SPE-2	6.6	7.0	7.7	7.0	
7.0	6.5	6.4	6.7	6.7	SSE-1	6.3	6.6	8.1	7.3	
6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	
					CRITERIA POINTS:					
YES	YES	YES	YES	YES	Channel Velocities	YES	YES	YES	YES	
					Differentials					
					North Fish Ladder					
YES	YES	YES	YES	YES	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	
					South Fish Ladder					
YES	YES	YES	YES	YES	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
Collection Channels									
YES	YES	YES	YES	YES	North Shore	YES	YES	YES	YES
YES	YES	YES	YES	YES	South Powerhouse	YES	YES	YES	YES
YES	YES	YES	YES	YES	South Shore	YES	YES	YES	YES
Weir Depths									
YES	YES	YES	YES	YES	NSE-1	YES	YES	YES	YES
YES	YES	YES	YES	YES	NSE-2	YES	YES	YES	YES
SILL	SILL	SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SILL	SSE-1	SILL	SILL	YES	SILL
YES	YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES

(Output = 0 CRITERIA POINTS: YES

1	1	1	1	1	Channel Velocities	1	1	1	1
Differentials									
North Fish Ladder									
1	1	1	1	1	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
South Fish Ladder									
1	1	1	1	1	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
Collection Channels									
1	1	1	1	1	North Shore	1	1	1	1
1	1	1	1	1	South Powerhouse	1	1	1	1
1	1	1	1	1	South Shore	1	1	1	1
Weir Depths									
1	1	1	1	1	NSE-1	1	1	1	1
1	1	1	1	1	NSE-2	1	1	1	1
0	0	0	0	0	SPE-1	0	0	0	0
0	0	0	0	0	SPE-2	0	0	0	0
0	0	0	0	0	SSE-1	0	0	1	0
1	1	1	1	1	SSE-2 (feet above sill)	1	1	1	1

(Output = 0 CRITERIA POINTS: NO

0	0	0	0	0	Channel Velocities	0	0	0	0
Differentials									
North Fish Ladder									
0	0	0	0	0	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
South Fish Ladder									
0	0	0	0	0	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
Collection Channels									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Weir Depths									
0	0	0	0	0	NSE-1	0	0	0	0
0	0	0	0	0	NSE-2	0	0	0	0
0	0	0	0	0	SPE-1	0	0	0	0
0	0	0	0	0	SPE-2	0	0	0	0
0	0	0	0	0	SSE-1	0	0	0	0
0	0	0	0	0	SSE-2 (feet above sill)	0	0	0	0

(Output = 0 CRITERIA POINTS: SILL

Weir Depths									
0	0	0	0	0	NSE-1	0	0	0	0

0	0	0	0	0	NSE-2	0	0	0	0
1	1	1	1	1	SPE-1	1	1	1	1
1	1	1	1	1	SPE-2	1	1	1	1
1	1	1	1	1	SSE-1	1	1	0	1
					SSE-2 (feet above sill)				

North Ladder Differentials (more than 0.2 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
North Ladder Differentials (0.11 - 0.2 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
North Ladder Differentials (0.01 - 0.1 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
North Ladder Differentials (0.01 - 0.1 too high)										
0	0	0	0	0	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	
North Ladder Differentials (0.11 - 0.2 too high)										
0	0	0	0	0	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	
North Ladder Differentials (more than 0.2 too high)										
0	0	0	0	0	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	
South Ladder Differentials (more than 0.2 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
South Ladder Differentials (0.11 - 0.2 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
South Ladder Differentials (0.01 - 0.1 too low)										
Not applicab					Ladder Exit					
0	0	0	0	0	Ladder Weirs	0	0	0	0	
Not applicab					Counting Station					
South Ladder Differentials (0.01 - 0.1 too high)										
0	0	0	0	0	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	
South Ladder Differentials (0.11 - 0.2 too high)										
0	0	0	0	0	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	
South Ladder Differentials (more than 0.2 too high)										
0	0	0	0	0	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	
Channel/Tailwater Differentials (<0.80)										
0	0	0	0	0	North Shore	0	0	0	0	
0	0	0	0	0	South Powerhouse	0	0	0	0	
0	0	0	0	0	South Shore	0	0	0	0	
Channel/Tailwater Differentials (0.80 - 0.89)										

0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	NSE-1 (<7.80)	0	0	0	0
0	0	0	0	0	NSE-2 (<7.80)	0	0	0	0
0	0	0	0	0	SPE-1 (<7.80)	0	0	0	0
0	0	0	0	0	SPE-2 (<7.80)	0	0	0	0
0	0	0	0	0	SSE-1 (<7.80)	0	0	0	0
					SSE-2 (set 6 ft above sill)	Not Applic.			
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0
					SSE-2 (set 6 ft above sill)	Not Applic.			
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0
					SSE-2 (set 6 ft above sill)	Not Applic.			

INSPECTIONS		2021				APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISH				
22-May	23-May	26-May	28-May	29-May	30-May	DATES:	2-Jun	4-Jun	5-Jun	
2.3	3	2.2	2.6	2.8	2.8	CHAN'L VELOCITIES (N):	2	2.7	2.6	
6.3	5.4	4.2	4.5	5.9	6.9	Turbidity	4.7	5.1	6.8	
						ELEVATIONS:				
						North Fish Ladder				
537.7	538.0	538.2	538.5	537.9	537.8	Forebay	538.0	538.3	538.3	
537.7	537.9	538.1	538.4	537.9	537.7	Exit Pool	538.0	538.2	538.2	
534.0	534.0	534.1	534.0	534.1	534.0	Makeup Diffuser	534.1	534.0	534.1	
468.0	468.0	468.1	468.1	468.0	468.1	U S Picketed Leads	468.2	468.2	468.1	
467.8	467.8	467.9	467.9	467.9	467.9	D S Picketed Leads	467.9	468.0	467.9	
						South Fish Ladder				
537.7	538.0	538.2	538.5	537.9	537.8	Forebay	538.0	538.2	538.3	
537.7	538.0	538.2	538.5	537.9	537.7	Exit Pool	538.0	538.2	538.2	
534.1	534.0	534.0	534.1	534.0	534.1	Makeup Diffuser	534.0	534.0	534.0	
534.1	534.0	534.0	534.1	534.0	534.1	U S Picketed Leads	534.1	534.0	534.0	
534.1	534.0	534.0	534.1	534.0	534.1	D S Picketed Leads	534.0	534.0	534.0	
						Collection Channels				
440.0	439.8	440.0	440.1	440.0	440.0	North Shore	440.2	441.3	441.2	
439.8	439.8	439.9	440.0	439.8	439.8	South Powerhouse	440.1	441.1	441.0	
439.0	439.4	439.2	439.6	438.9	439.5	South Shore	439.2	440.8	440.9	
						Tailwater				
438.7	438.7	438.7	438.9	438.7	438.6	North Shore	439.1	440.0	440.0	
438.5	438.5	438.6	438.6	438.7	438.5	South Powerhouse	439.1	440.0	440.0	
437.1	438.0	437.6	438.0	437.2	437.8	South Shore	437.8	439.4	439.6	
						Entrance Weirs				
430.4	430.3	430.3	430.8	430.5	430.4	NSE-1	430.9	431.9	431.9	
430.7	430.5	430.3	430.7	430.5	430.4	NSE-2	430.9	431.9	431.8	
432.0	432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	
432.0	432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	
431.0	431.0	431.0	431.0	431.0	431.0	SSE-1	431.0	431.4	431.4	
6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	
						DIFFERENTIALS/DEPTHS:				
						North Fish Ladder				
0.0	0.1	0.1	0.1	0.0	0.1	Ladder Exit	0.0	0.1	0.1	
1.0	1.0	1.1	1.0	1.1	1.0	Ladder Weirs	1.1	1.0	1.1	
0.2	0.2	0.2	0.2	0.1	0.2	Counting Station	0.3	0.2	0.2	
						South Fish Ladder				
0.0	0.0	0.0	0.0	0.0	0.1	Ladder Exit	0.0	0.0	0.1	
1.1	1.0	1.0	1.1	1.0	1.1	Ladder Weirs	1.0	1.0	1.0	
0.0	0.0	0.0	0.0	0.0	0.0	Counting Station	0.1	0.0	0.0	
						Collection Channels				
1.3	1.1	1.3	1.2	1.3	1.4	North Shore	1.1	1.3	1.2	
1.3	1.3	1.3	1.4	1.1	1.3	South Powerhouse	1.0	1.1	1.0	
1.9	1.4	1.6	1.6	1.7	1.7	South Shore	1.4	1.4	1.3	
						Weir Depths				
8.3	8.4	8.4	8.1	8.2	8.2	NSE-1	8.2	8.1	8.1	
8.0	8.2	8.4	8.2	8.2	8.2	NSE-2	8.2	8.1	8.2	
6.5	6.5	6.6	6.6	6.7	6.5	SPE-1	7.1	8.0	8.0	
6.5	6.5	6.6	6.6	6.7	6.5	SPE-2	7.1	8.0	8.0	
6.1	7.0	6.6	7.0	6.2	6.8	SSE-1	6.8	8.0	8.2	
6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	
						CRITERIA POINTS:				
YES	YES	YES	YES	YES	YES	Channel Velocities	YES	YES	YES	
						Differentials				
						North Fish Ladder				
YES	YES	YES	YES	YES	YES	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	
						South Fish Ladder				
YES	YES	YES	YES	YES	YES	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
						Collection Channels			
YES	YES	YES	YES	YES	YES	North Shore	YES	YES	YES
YES	YES	YES	YES	YES	YES	South Powerhouse	YES	YES	YES
YES	YES	YES	YES	YES	YES	South Shore	YES	YES	YES
						Weir Depths			
YES	YES	YES	YES	YES	YES	NSE-1	YES	YES	YES
YES	YES	YES	YES	YES	YES	NSE-2	YES	YES	YES
SILL	SILL	SILL	SILL	SILL	SILL	SPE-1	SILL	YES	YES
SILL	SILL	SILL	SILL	SILL	SILL	SPE-2	SILL	YES	YES
SILL	SILL	SILL	SILL	SILL	SILL	SSE-1	SILL	YES	YES
YES	YES	YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES

(Output = 0. CRITERIA POINTS: YES)									
1	1	1	1	1	1	Channel Velocities	1	1	1
						Differentials			
						North Fish Ladder			
1	1	1	1	1	1	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
						South Fish Ladder			
1	1	1	1	1	1	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
						Collection Channels			
1	1	1	1	1	1	North Shore	1	1	1
1	1	1	1	1	1	South Powerhouse	1	1	1
1	1	1	1	1	1	South Shore	1	1	1
						Weir Depths			
1	1	1	1	1	1	NSE-1	1	1	1
1	1	1	1	1	1	NSE-2	1	1	1
0	0	0	0	0	0	SPE-1	0	1	1
0	0	0	0	0	0	SPE-2	0	1	1
0	0	0	0	0	0	SSE-1	0	1	1
1	1	1	1	1	1	SSE-2 (feet above sill)	1	1	1

(Output = 0. CRITERIA POINTS: NO)									
0	0	0	0	0	0	Channel Velocities	0	0	0
						Differentials			
						North Fish Ladder			
0	0	0	0	0	0	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
						South Fish Ladder			
0	0	0	0	0	0	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
						Collection Channels			
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
						Weir Depths			
0	0	0	0	0	0	NSE-1	0	0	0
0	0	0	0	0	0	NSE-2	0	0	0
0	0	0	0	0	0	SPE-1	0	0	0
0	0	0	0	0	0	SPE-2	0	0	0
0	0	0	0	0	0	SSE-1	0	0	0
0	0	0	0	0	0	SSE-2 (feet above sill)	0	0	0

(Output = 0. CRITERIA POINTS: SILL)									
						Weir Depths			
0	0	0	0	0	0	NSE-1	0	0	0

0	0	0	0	0	0	NSE-2	0	0	0
1	1	1	1	1	1	SPE-1	1	0	0
1	1	1	1	1	1	SPE-2	1	0	0
1	1	1	1	1	1	SSE-1	1	0	0
						SSE-2 (feet above sill)			

North Ladder Differentials (more than 0.2 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
Not applicab						Counting Station			
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	0	NSE-1 (<7.80)	0	0	0
0	0	0	0	0	0	NSE-2 (<7.80)	0	0	0
0	0	0	0	0	0	SPE-1 (<7.80)	0	0	0
0	0	0	0	0	0	SPE-2 (<7.80)	0	0	0
0	0	0	0	0	0	SSE-1 (<7.80)	0	0	0
						SSE-2 (set 6 ft above sill)	Not Applic.		
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0
						SSE-2 (set 6 ft above sill)	Not Applic.		
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0
						SSE-2 (set 6 ft above sill)	Not Applic.		

FISHWAY INSPECTIONS							2021	APPENDIX 1 (CONTINUED). LOWER MONUMENTAL		
6-Jun	9-Jun	11-Jun	12-Jun	13-Jun	16-Jun	18-Jun	DATES:	19-Jun	20-Jun	
2.7	3.1	2.6	2.4	1.9	2.5	2.3	CHAN'L VELOCITIES (N):	2.6	2.2	
4.8	4.5	5.7	7.1	5.4	5.2	5.2	Turbidity	6.6	4.6	
							ELEVATIONS:			
							North Fish Ladder			
538.0	538.2	538.2	538.1	538.5	537.7	538.1	Forebay	538.3	538.1	
537.9	538.2	538.2	538.1	538.5	537.7	538.0	Exit Pool	538.3	538.0	
534.0	534.0	534.0	534.1	534.0	534.0	534.0	Makeup Diffuser	534.0	534.1	
468.1	468.2	468.2	468.1	468.2	468.2	468.0	U S Picketed Leads	468.1	468.2	
467.9	468.0	468.0	468.0	468.0	467.9	467.8	D S Picketed Leads	467.9	467.9	
							South Fish Ladder			
538.0	538.2	538.1	538.1	538.4	537.7	538.0	Forebay	538.2	538.1	
538.0	538.1	538.0	538.0	538.3	537.6	538.0	Exit Pool	538.1	538.0	
534.0	534.0	534.0	534.1	534.0	534.0	534.1	Makeup Diffuser	534.0	534.1	
534.0	534.0	534.0	534.1	534.0	534.0	534.1	U S Picketed Leads	534.0	534.1	
534.0	534.0	534.0	534.1	534.0	534.0	534.1	D S Picketed Leads	534.0	534.1	
							Collection Channels			
440.0	440.0	440.0	439.8	438.8	439.4	439.4	North Shore	438.8	439.4	
440.0	439.9	439.9	439.7	438.8	439.5	439.4	South Powerhouse	438.8	439.3	
439.2	439.5	439.2	439.4	438.7	438.9	438.9	South Shore	438.7	438.7	
							Tailwater			
438.8	438.8	438.7	438.5	437.4	438.1	437.9	North Shore	437.2	437.7	
438.7	438.6	438.6	438.5	437.4	438.3	438.0	South Powerhouse	437.0	437.6	
437.5	438.0	437.3	438.0	436.7	437.3	437.0	South Shore	437.1	437.1	
							Entrance Weirs			
430.6	430.5	430.5	429.9	429.2	429.8	429.8	NSE-1	429.2	429.7	
430.7	430.5	430.6	430.0	429.2	429.8	429.7	NSE-2	429.2	429.7	
432.0	432.0	432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	
432.0	432.0	432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	
431.0	431.0	431.0	431.0	431.0	431.0	431.0	SSE-1	431.0	431.0	
6.0	6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	
							DIFFERENTIALS/DEPTHS:			
							North Fish Ladder			
0.1	0.0	0.0	0.0	0.0	0.0	0.1	Ladder Exit	0.0	0.1	
1.0	1.0	1.0	1.1	1.0	1.0	1.0	Ladder Weirs	1.0	1.1	
0.2	0.2	0.2	0.1	0.2	0.3	0.2	Counting Station	0.2	0.3	
							South Fish Ladder			
0.0	0.1	0.1	0.1	0.1	0.1	0.0	Ladder Exit	0.1	0.1	
1.0	1.0	1.0	1.1	1.0	1.0	1.1	Ladder Weirs	1.0	1.1	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Counting Station	0.0	0.0	
							Collection Channels			
1.2	1.2	1.3	1.3	1.4	1.3	1.5	North Shore	1.6	1.7	
1.3	1.3	1.3	1.2	1.4	1.2	1.4	South Powerhouse	1.8	1.7	
1.7	1.5	1.9	1.4	2.0	1.6	1.9	South Shore	1.6	1.6	
							Weir Depths			
8.2	8.3	8.2	8.6	8.2	8.3	8.1	NSE-1	8.0	8.0	
8.1	8.3	8.1	8.5	8.2	8.3	8.2	NSE-2	8.0	8.0	
6.7	6.6	6.6	6.5	5.4	6.3	6.0	SPE-1	5.0	5.6	
6.7	6.6	6.6	6.5	5.4	6.3	6.0	SPE-2	5.0	5.6	
6.5	7.0	6.3	7.0	5.7	6.3	6.0	SSE-1	6.1	6.1	
6.0	6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	
							CRITERIA POINTS:			
YES	YES	YES	YES	YES	YES	YES	Channel Velocities	YES	YES	
							Differentials			
							North Fish Ladder			
YES	YES	YES	YES	YES	YES	YES	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	
							South Fish Ladder			
YES	YES	YES	YES	YES	YES	YES	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
							Collection Channels		
YES	YES	YES	YES	YES	YES	YES	North Shore	YES	YES
YES	YES	YES	YES	YES	YES	YES	South Powerhouse	YES	YES
YES	YES	YES	YES	YES	YES	YES	South Shore	YES	YES
							Weir Depths		
YES	YES	YES	YES	YES	YES	YES	NSE-1	YES	YES
YES	YES	YES	YES	YES	YES	YES	NSE-2	YES	YES
SILL	SILL	SILL	SILL	SILL	SILL	SILL	SPE-1	SILL	SILL
SILL	SILL	SILL	SILL	SILL	SILL	SILL	SPE-2	SILL	SILL
SILL	SILL	SILL	SILL	SILL	SILL	SILL	SSE-1	SILL	SILL
YES	YES	YES	YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES

(Output = 0. CRITERIA POINTS: YES)									
1	1	1	1	1	1	1	Channel Velocities	1	1
							Differentials		
							North Fish Ladder		
1	1	1	1	1	1	1	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
							South Fish Ladder		
1	1	1	1	1	1	1	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
							Collection Channels		
1	1	1	1	1	1	1	North Shore	1	1
1	1	1	1	1	1	1	South Powerhouse	1	1
1	1	1	1	1	1	1	South Shore	1	1
							Weir Depths		
1	1	1	1	1	1	1	NSE-1	1	1
1	1	1	1	1	1	1	NSE-2	1	1
0	0	0	0	0	0	0	SPE-1	0	0
0	0	0	0	0	0	0	SPE-2	0	0
0	0	0	0	0	0	0	SSE-1	0	0
1	1	1	1	1	1	1	SSE-2 (feet above sill)	1	1

(Output = 0. CRITERIA POINTS: NO)									
0	0	0	0	0	0	0	Channel Velocities	0	0
							Differentials		
							North Fish Ladder		
0	0	0	0	0	0	0	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
							South Fish Ladder		
0	0	0	0	0	0	0	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
							Collection Channels		
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
							Weir Depths		
0	0	0	0	0	0	0	NSE-1	0	0
0	0	0	0	0	0	0	NSE-2	0	0
0	0	0	0	0	0	0	SPE-1	0	0
0	0	0	0	0	0	0	SPE-2	0	0
0	0	0	0	0	0	0	SSE-1	0	0
0	0	0	0	0	0	0	SSE-2 (feet above sill)	0	0

(Output = 0. CRITERIA POINTS: SILL)									
							Weir Depths		
0	0	0	0	0	0	0	NSE-1	0	0

0	0	0	0	0	0	0	NSE-2	0	0
1	1	1	1	1	1	1	SPE-1	1	1
1	1	1	1	1	1	1	SPE-2	1	1
1	1	1	1	1	1	1	SSE-1	1	1
							SSE-2 (feet above sill)		

							North Ladder Differentials (more than 0.2 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							North Ladder Differentials (0.11 - 0.2 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							North Ladder Differentials (0.01 - 0.1 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							North Ladder Differentials (0.01 - 0.1 too high)		
0	0	0	0	0	0	0	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
							North Ladder Differentials (0.11 - 0.2 too high)		
0	0	0	0	0	0	0	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
							North Ladder Differentials (more than 0.2 too high)		
0	0	0	0	0	0	0	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
							South Ladder Differentials (more than 0.2 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							South Ladder Differentials (0.11 - 0.2 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							South Ladder Differentials (0.01 - 0.1 too low)		
Not applicab							Ladder Exit		
0	0	0	0	0	0	0	Ladder Weirs	0	0
Not applicab							Counting Station		
							South Ladder Differentials (0.01 - 0.1 too high)		
0	0	0	0	0	0	0	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
							South Ladder Differentials (0.11 - 0.2 too high)		
0	0	0	0	0	0	0	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
							South Ladder Differentials (more than 0.2 too high)		
0	0	0	0	0	0	0	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
							Channel/Tailwater Differentials (<0.80)		
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
							Channel/Tailwater Differentials (0.80 - 0.89)		

0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	0	0	North Shore	0	0
0	0	0	0	0	0	0	South Powerhouse	0	0
0	0	0	0	0	0	0	South Shore	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	0	0	NSE-1 (<7.80)	0	0
0	0	0	0	0	0	0	NSE-2 (<7.80)	0	0
0	0	0	0	0	0	0	SPE-1 (<7.80)	0	0
0	0	0	0	0	0	0	SPE-2 (<7.80)	0	0
0	0	0	0	0	0	0	SSE-1 (<7.80)	0	0
							SSE-2 (set 6 ft above sill)	Not Applic.	
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	0	0	NSE-1 (7.80 - 7.89)	0	0
0	0	0	0	0	0	0	NSE-2 (7.80 - 7.89)	0	0
0	0	0	0	0	0	0	SPE-1 (7.80 - 7.89)	0	0
0	0	0	0	0	0	0	SPE-2 (7.80 - 7.89)	0	0
0	0	0	0	0	0	0	SSE-1 (7.80 - 7.89)	0	0
							SSE-2 (set 6 ft above sill)	Not Applic.	
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	0	0	NSE-1 (7.90 - 7.99)	0	0
0	0	0	0	0	0	0	NSE-2 (7.90 - 7.99)	0	0
0	0	0	0	0	0	0	SPE-1 (7.90 - 7.99)	0	0
0	0	0	0	0	0	0	SPE-2 (7.90 - 7.99)	0	0
0	0	0	0	0	0	0	SSE-1 (7.90 - 7.99)	0	0
							SSE-2 (set 6 ft above sill)	Not Applic.	

L ADULT FISHWAY INSPECTIONS				2021				APPENDIX 1 (CONTINUED). LOWER M		
23-Jun	25-Jun	26-Jun	27-Jun	30-Jun	2-Jul	3-Jul	5-Jul	DATES:	9-Jul	
2.6	2.7	1.7	1.8	2.3	2.4	2.2	2.2	CHAN'L VELOCITIES (N):	2.2	
5	5.3	5.6	6.1	5.2	5.3	5.9	5	Turbidity	5.3	
								ELEVATIONS:		
								North Fish Ladder		
538.2	538.3	538.0	538.0	538.2	538.4	538.3	538.2	Forebay	537.7	
538.2	538.3	538.0	538.0	538.2	538.4	538.3	538.2	Exit Pool	537.7	
534.1	534.0	534.1	534.1	534.1	534.1	534.1	534.0	Makeup Diffuser	534.0	
468.2	468.2	468.2	468.2	468.2	468.2	468.1	468.2	U S Picketed Leads	468.1	
468.0	467.9	467.9	467.9	467.9	467.9	467.9	467.9	D S Picketed Leads	467.9	
								South Fish Ladder		
538.2	538.2	538.0	538.0	538.2	538.1	538.2	538.2	Forebay	537.7	
538.1	538.2	537.9	538.0	538.2	538.1	538.2	538.2	Exit Pool	537.7	
534.1	534.1	534.1	534.1	534.0	534.0	534.0	534.0	Makeup Diffuser	534.0	
534.1	534.1	534.1	534.1	534.1	534.1	534.0	534.0	U S Picketed Leads	534.1	
534.1	534.1	534.1	534.1	534.0	534.0	534.0	534.0	D S Picketed Leads	534.0	
								Collection Channels		
439.0	439.6	438.7	439.1	439.0	439.1	438.9	439.0	North Shore	439.5	
439.2	439.5	438.8	438.9	439.0	439.2	439.2	439.2	South Powerhouse	439.4	
438.9	439.3	438.5	438.6	439.0	439.2	439.4	439.1	South Shore	439.2	
								Tailwater		
437.6	438.3	437.2	437.2	437.5	437.8	437.5	437.4	North Shore	437.9	
437.8	438.3	437.2	437.2	437.5	437.8	437.7	437.6	South Powerhouse	438.0	
437.2	437.9	436.7	437.0	437.9	438.1	438.1	437.9	South Shore	437.7	
								Entrance Weirs		
429.5	430.2	429.2	429.2	429.5	429.7	429.5	429.2	NSE-1	429.9	
429.5	430.3	429.2	429.1	429.3	429.7	429.5	429.3	NSE-2	429.9	
432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	
432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	
431.0	431.0	431.0	431.0	431.0	431.0	431.0	431.0	SSE-1	431.0	
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	
								DIFFERENTIALS/DEPTHS:		
								North Fish Ladder		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.0	
1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	Ladder Weirs	1.0	
0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	Counting Station	0.2	
								South Fish Ladder		
0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.0	
1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	Ladder Weirs	1.0	
0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	Counting Station	0.1	
								Collection Channels		
1.4	1.3	1.5	1.9	1.5	1.3	1.4	1.6	North Shore	1.6	
1.4	1.2	1.6	1.7	1.5	1.4	1.5	1.6	South Powerhouse	1.4	
1.7	1.4	1.8	1.6	1.1	1.1	1.3	1.2	South Shore	1.5	
								Weir Depths		
8.1	8.1	8.0	8.0	8.0	8.1	8.0	8.2	NSE-1	8.0	
8.1	8.0	8.0	8.1	8.2	8.1	8.0	8.1	NSE-2	8.0	
5.8	6.3	5.2	5.2	5.5	5.8	5.7	5.6	SPE-1	6.0	
5.8	6.3	5.2	5.2	5.5	5.8	5.7	5.6	SPE-2	6.0	
6.2	6.9	5.7	6.0	6.9	7.1	7.1	6.9	SSE-1	6.7	
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	
								CRITERIA POINTS:		
YES	YES	YES	YES	YES	YES	YES	YES	Channel Velocities	YES	
								Differentials		
								North Fish Ladder		
YES	YES	YES	YES	YES	YES	YES	YES	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	
								South Fish Ladder		
YES	YES	YES	YES	YES	YES	YES	YES	Ladder Exit	YES	

0	0	0	0	0	0	0	0	NSE-2	0
1	1	1	1	1	1	1	1	SPE-1	1
1	1	1	1	1	1	1	1	SPE-2	1
1	1	1	1	1	1	1	1	SSE-1	1
								SSE-2 (feet above sill)	

									North Ladder Differentials (more than 0.2 to	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	

									Not applicab	Counting Station
									North Ladder Differentials (0.11 - 0.2 too low	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	
									Not applicab	Counting Station

									North Ladder Differentials (0.01 - 0.1 too low	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	
									Not applicab	Counting Station

									North Ladder Differentials (0.01 - 0.1 too high
0	0	0	0	0	0	0	0	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

									North Ladder Differentials (0.11 - 0.2 too high
0	0	0	0	0	0	0	0	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

									North Ladder Differentials (more than 0.2 too high
0	0	0	0	0	0	0	0	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

									South Ladder Differentials (more than 0.2 too low	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	
									Not applicab	Counting Station

									South Ladder Differentials (0.11 - 0.2 too low	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	
									Not applicab	Counting Station

									South Ladder Differentials (0.01 - 0.1 too low	
									Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	Ladder Weirs	0	
									Not applicab	Counting Station

									South Ladder Differentials (0.01 - 0.1 too high
0	0	0	0	0	0	0	0	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

									South Ladder Differentials (0.11 - 0.2 too high
0	0	0	0	0	0	0	0	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

									South Ladder Differentials (more than 0.2 too high
0	0	0	0	0	0	0	0	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

									Channel/Tailwater Differentials (<0.80)
0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0

									Channel/Tailwater Differentials (0.80 - 0.89)
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0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0
Channel/Tailwater Differentials (0.90 - 0.99)									
0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	0	0	0	North Shore	0
0	0	0	0	0	0	0	0	South Powerhouse	0
0	0	0	0	0	0	0	0	South Shore	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	0	0	0	NSE-1 (<7.80)	0
0	0	0	0	0	0	0	0	NSE-2 (<7.80)	0
0	0	0	0	0	0	0	0	SPE-1 (<7.80)	0
0	0	0	0	0	0	0	0	SPE-2 (<7.80)	0
0	0	0	0	0	0	0	0	SSE-1 (<7.80)	0
								SSE-2 (set 6 ft above sill)	Not Applic.
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	0	0	0	NSE-1 (7.80 - 7.89)	0
0	0	0	0	0	0	0	0	NSE-2 (7.80 - 7.89)	0
0	0	0	0	0	0	0	0	SPE-1 (7.80 - 7.89)	0
0	0	0	0	0	0	0	0	SPE-2 (7.80 - 7.89)	0
0	0	0	0	0	0	0	0	SSE-1 (7.80 - 7.89)	0
								SSE-2 (set 6 ft above sill)	Not Applic.
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	0	0	0	NSE-1 (7.90 - 7.99)	0
0	0	0	0	0	0	0	0	NSE-2 (7.90 - 7.99)	0
0	0	0	0	0	0	0	0	SPE-1 (7.90 - 7.99)	0
0	0	0	0	0	0	0	0	SPE-2 (7.90 - 7.99)	0
0	0	0	0	0	0	0	0	SSE-1 (7.90 - 7.99)	0
								SSE-2 (set 6 ft above sill)	Not Applic.

0	0	0	0	0	0	0	0	0	0	NSE-2
1	1	1	1	1	1	1	1	1	1	SPE-1
1	1	1	1	1	1	1	1	1	1	SPE-2
1	1	1	1	1	1	1	1	1	1	SSE-1
										SSE-2 (feet above sill)

do low)										North Ladder Differentials (mo	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
v)										North Ladder Differentials (0.11	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
v)										North Ladder Differentials (0.01	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
gh)										North Ladder Differentials (0.01	
0	0	0	0	0	0	0	0	0	0	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	
gh)										North Ladder Differentials (0.11	
0	0	0	0	0	0	0	0	0	0	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	
do high)										North Ladder Differentials (mo	
0	0	0	0	0	0	0	0	0	0	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	
do low)										South Ladder Differentials (mo	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
v)										South Ladder Differentials (0.11	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
v)										South Ladder Differentials (0.01	
										Not applicab	Ladder Exit
0	0	0	0	0	0	0	0	0	0	Ladder Weirs	
										Not applicab	Counting Station
gh)										South Ladder Differentials (0.01	
0	0	0	0	0	0	0	0	0	0	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	
gh)										South Ladder Differentials (0.11	
0	0	0	0	0	0	0	0	0	0	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	
do high)										South Ladder Differentials (mo	
0	0	0	0	0	0	0	0	0	0	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	
										Channel/Tailwater Differentials	
0	0	0	0	0	0	0	0	0	0	North Shore	
0	0	0	0	0	0	0	0	0	0	South Powerhouse	
0	0	0	0	0	0	0	0	0	0	South Shore	
										Channel/Tailwater Differentials	

0	0	0	0	0	0	0	0	0	North Shore
0	0	0	0	0	0	0	0	0	South Powerhouse
0	0	0	0	0	0	0	0	0	South Shore
Channel/Tailwater Differentials									
0	0	0	0	0	0	0	0	0	North Shore
0	0	0	0	0	0	0	0	0	South Powerhouse
0	0	0	0	0	0	0	0	0	South Shore
Channel/Tailwater Differentials									
0	0	0	0	0	0	0	0	0	North Shore
0	0	0	0	0	0	0	0	0	South Powerhouse
0	0	0	0	0	0	0	0	0	South Shore
Channel/Tailwater Differentials									
0	0	0	0	0	0	0	0	0	North Shore
0	0	0	0	0	0	0	0	0	South Powerhouse
0	0	0	0	0	0	0	0	0	South Shore
Channel/Tailwater Differentials									
0	0	0	0	0	0	0	0	0	North Shore
0	0	0	0	0	0	0	0	0	South Powerhouse
0	0	0	0	0	0	0	0	0	South Shore
Entrance Weir Depths (more than 7.80 ft)									
0	0	0	0	0	0	0	0	0	NSE-1 (<7.80)
0	0	0	0	0	0	0	0	0	NSE-2 (<7.80)
0	0	0	0	0	0	0	0	0	SPE-1 (<7.80)
0	0	0	0	0	0	0	0	0	SPE-2 (<7.80)
0	0	0	0	0	0	0	0	0	SSE-1 (<7.80)
									SSE-2 (set 6 ft above sill)
Entrance Weir Depths (0.11 - 0.20 ft)									
0	0	0	0	0	0	0	0	0	NSE-1 (7.80 - 7.89)
0	0	0	0	0	0	0	0	0	NSE-2 (7.80 - 7.89)
0	0	0	0	0	0	0	0	0	SPE-1 (7.80 - 7.89)
0	0	0	0	0	0	0	0	0	SPE-2 (7.80 - 7.89)
0	0	0	0	0	0	0	0	0	SSE-1 (7.80 - 7.89)
									SSE-2 (set 6 ft above sill)
Entrance Weir Depths (0.01 - 0.10 ft)									
0	0	0	0	0	0	0	0	0	NSE-1 (7.90 - 7.99)
0	0	0	0	0	0	0	0	0	NSE-2 (7.90 - 7.99)
0	0	0	0	0	0	0	0	0	SPE-1 (7.90 - 7.99)
0	0	0	0	0	0	0	0	0	SPE-2 (7.90 - 7.99)
0	0	0	0	0	0	0	0	0	SSE-1 (7.90 - 7.99)
									SSE-2 (set 6 ft above sill)

0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1

More than 0.2 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.2 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.1 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.1 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

1 - 0.2 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

More than 0.2 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

More than 0.2 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.2 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.1 too low)										Not applicab
0	0	0	0	0	0	0	0	0	0	0

1 - 0.1 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

1 - 0.2 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

More than 0.2 too high)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

(<0.80)										Not applicab
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

(0.80 - 0.89)										Not applicab
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

(0.90 - 0.99):

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

(2.01 - 2.10)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

(2.11 - 2.20)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

(>2.20)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

(an 0.2 too low)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Not Applic.

2 too low)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Not Applic.

1 too low)

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Not Applic.

NSE-2	0	0	0	0	0	0	0	0	0
SPE-1	1	1	1	1	1	1	1	1	1
SPE-2	1	1	1	1	1	1	1	1	1
SSE-1	1	1	1	1	1	1	1	1	1
SSE-2 (feet above sill)									

North Ladder Differentials (more than 0.2 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

North Ladder Differentials (0.11 - 0.2 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

North Ladder Differentials (0.01 - 0.1 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

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
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

South Ladder Differentials (more than 0.2 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

South Ladder Differentials (0.11 - 0.2 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

South Ladder Differentials (0.01 - 0.1 too low)									
Ladder Exit									
Ladder Weirs	0	0	0	0	0	0	0	0	0
Counting Station									

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

Channel/Tailwater Differentials (<0.80)									
North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

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

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (0.90 - 0.99):

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.01 - 2.10)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.11 - 2.20)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (>2.20)

North Shore	0	0	0	0	0	0	0	0	0
South Powerhouse	0	0	0	0	0	0	0	0	0
South Shore	0	0	0	0	0	0	0	0	0

Entrance Weir Depths (more than 0.2 too low)

NSE-1 (<7.80)	0	0	0	0	0	0	0	0	0
NSE-2 (<7.80)	0	0	0	0	0	0	0	0	0
SPE-1 (<7.80)	0	0	0	0	0	0	0	0	0
SPE-2 (<7.80)	0	0	0	0	0	0	0	0	0
SSE-1 (<7.80)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

Entrance Weir Depths (0.11 - 0.2 too low)

NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

Entrance Weir Depths (0.01 - 0.1 too low)

NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0	0
SSE-2 (set 6 ft above sill)	Not Applic.								

YES	Ladder Weirs	YES	YES	YES	YES	YES	YES	YES	YES
YES	Counting Station	YES	YES	YES	YES	YES	YES	YES	YES
Collection Channels									
YES	North Shore	YES	YES	YES	YES	YES	YES	YES	YES
YES	South Powerhouse	YES	YES	YES	YES	YES	YES	YES	YES
YES	South Shore	YES	YES	YES	YES	YES	YES	YES	YES
Weir Depths									
YES	NSE-1	YES	YES	YES	YES	YES	YES	YES	YES
YES	NSE-2	YES	YES	YES	YES	YES	YES	YES	YES
SILL	SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL	SILL
YES	SSE-1	SILL	YES	YES	YES	SILL	YES	SILL	SILL
YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES	YES

(Output = 0. CRITERIA POINTS: YES

1	Channel Velocities	1	1	1	1	1	1	1	1
Differentials									
North Fish Ladder									
1	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
South Fish Ladder									
1	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
Collection Channels									
1	North Shore	1	1	1	1	1	1	1	1
1	South Powerhouse	1	1	1	1	1	1	1	1
1	South Shore	1	1	1	1	1	1	1	1
Weir Depths									
1	NSE-1	1	1	1	1	1	1	1	1
1	NSE-2	1	1	1	1	1	1	1	1
0	SPE-1	0	0	0	0	0	0	0	0
0	SPE-2	0	0	0	0	0	0	0	0
1	SSE-1	0	1	1	1	0	1	0	0
1	SSE-2 (feet above sill)	1	1	1	1	1	1	1	1

(Output = 0. CRITERIA POINTS: NO

0	Channel Velocities	0	0	0	0	0	0	0	0
Differentials									
North Fish Ladder									
0	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
South Fish Ladder									
0	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
Collection Channels									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Weir Depths									
0	NSE-1	0	0	0	0	0	0	0	0
0	NSE-2	0	0	0	0	0	0	0	0
0	SPE-1	0	0	0	0	0	0	0	0
0	SPE-2	0	0	0	0	0	0	0	0
0	SSE-1	0	0	0	0	0	0	0	0
0	SSE-2 (feet above sill)	0	0	0	0	0	0	0	0

(Output = 0. CRITERIA POINTS: SILL

Weir Depths									
0	NSE-1	0	0	0	0	0	0	0	0

0	NSE-2	0	0	0	0	0	0	0	0
1	SPE-1	1	1	1	1	1	1	1	1
1	SPE-2	1	1	1	1	1	1	1	1
0	SSE-1	1	0	0	0	1	0	1	1
	SSE-2 (feet above sill)								

North Ladder Differentials (more than 0.2 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
North Ladder Differentials (0.01 - 0.1 too high)									
0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	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
North Ladder Differentials (more than 0.2 too high)									
0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab	Ladder Exit								
0	Ladder Weirs	0	0	0	0	0	0	0	0
Not applicab	Counting Station								
South Ladder Differentials (0.01 - 0.1 too high)									
0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	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
South Ladder Differentials (more than 0.2 too high)									
0	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
Channel/Tailwater Differentials (<0.80)									
0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (0.90 - 0.99):

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.01 - 2.10)

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (2.11 - 2.20)

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0

Channel/Tailwater Differentials (>2.20)

0	North Shore	0	0	0	0	0	0	0	0
0	South Powerhouse	0	0	0	0	0	0	0	0
0	South Shore	0	0	0	0	0	0	0	0

Entrance Weir Depths (more than 0.2 too low)

0	NSE-1 (<7.80)	0	0	0	0	0	0	0	0
0	NSE-2 (<7.80)	0	0	0	0	0	0	0	0
0	SPE-1 (<7.80)	0	0	0	0	0	0	0	0
0	SPE-2 (<7.80)	0	0	0	0	0	0	0	0
0	SSE-1 (<7.80)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							

Entrance Weir Depths (0.11 - 0.2 too low)

0	NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0	0
0	SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							

Entrance Weir Depths (0.01 - 0.1 too low)

0	NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0	0
0	SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0	0
	SSE-2 (set 6 ft above sill)	Not Applic.							

YES	YES	Ladder Weirs	YES	YES	YES	YES	YES	YES	YES
YES	YES	Counting Station	YES	YES	YES	YES	YES	YES	YES
Collection Channels									
YES	YES	North Shore	YES	YES	YES	YES	YES	YES	YES
YES	YES	South Powerhouse	YES	YES	YES	YES	YES	YES	YES
YES	YES	South Shore	YES	YES	YES	YES	YES	YES	YES
Weir Depths									
YES	YES	NSE-1	YES	YES	YES	YES	YES	YES	YES
YES	YES	NSE-2	YES	YES	YES	YES	YES	YES	YES
SILL	SILL	SPE-1	SILL	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SPE-2	SILL	SILL	SILL	SILL	SILL	SILL	SILL
YES	YES	SSE-1	SILL	YES	YES	YES	SILL	YES	YES
YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES	YES

(Output = 0 CRITERIA POINTS: YES

1	1	Channel Velocities	1	1	1	1	1	1	1
Differentials									
North Fish Ladder									
1	1	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
South Fish Ladder									
1	1	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
Collection Channels									
1	1	North Shore	1	1	1	1	1	1	1
1	1	South Powerhouse	1	1	1	1	1	1	1
1	1	South Shore	1	1	1	1	1	1	1
Weir Depths									
1	1	NSE-1	1	1	1	1	1	1	1
1	1	NSE-2	1	1	1	1	1	1	1
0	0	SPE-1	0	0	0	0	0	0	0
0	0	SPE-2	0	0	0	0	0	0	0
1	1	SSE-1	0	1	1	1	0	1	1
1	1	SSE-2 (feet above sill)	1	1	1	1	1	1	1

(Output = 0 CRITERIA POINTS: NO

0	0	Channel Velocities	0	0	0	0	0	0	0
Differentials									
North Fish Ladder									
0	0	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
South Fish Ladder									
0	0	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
Collection Channels									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Weir Depths									
0	0	NSE-1	0	0	0	0	0	0	0
0	0	NSE-2	0	0	0	0	0	0	0
0	0	SPE-1	0	0	0	0	0	0	0
0	0	SPE-2	0	0	0	0	0	0	0
0	0	SSE-1	0	0	0	0	0	0	0
0	0	SSE-2 (feet above sill)	0	0	0	0	0	0	0

(Output = 0 CRITERIA POINTS: SILL

0	0	Weir Depths							
0	0	NSE-1	0	0	0	0	0	0	0

0	0	NSE-2	0	0	0	0	0	0	0
1	1	SPE-1	1	1	1	1	1	1	1
1	1	SPE-2	1	1	1	1	1	1	1
0	0	SSE-1	1	0	0	0	1	0	0
		SSE-2 (feet above sill)							

North Ladder Differentials (more than 0.2 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab		Ladder Exit							
0	0	Ladder Weirs	0	0	0	0	0	0	0
Not applicab		Counting Station							
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	North Shore	0	0	0	0	0	0	0
0	0	South Powerhouse	0	0	0	0	0	0	0
0	0	South Shore	0	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	NSE-1 (<7.80)	0	0	0	0	0	0	0
0	0	NSE-2 (<7.80)	0	0	0	0	0	0	0
0	0	SPE-1 (<7.80)	0	0	0	0	0	0	0
0	0	SPE-2 (<7.80)	0	0	0	0	0	0	0
0	0	SSE-1 (<7.80)	0	0	0	0	0	0	0
		SSE-2 (set 6 ft above sill)	Not Applic.						
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	NSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0
0	0	NSE-2 (7.80 - 7.89)	0	0	0	0	0	0	0
0	0	SPE-1 (7.80 - 7.89)	0	0	0	0	0	0	0
0	0	SPE-2 (7.80 - 7.89)	0	0	0	0	0	0	0
0	0	SSE-1 (7.80 - 7.89)	0	0	0	0	0	0	0
		SSE-2 (set 6 ft above sill)	Not Applic.						
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	NSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0
0	0	NSE-2 (7.90 - 7.99)	0	0	0	0	0	0	0
0	0	SPE-1 (7.90 - 7.99)	0	0	0	0	0	0	0
0	0	SPE-2 (7.90 - 7.99)	0	0	0	0	0	0	0
0	0	SSE-1 (7.90 - 7.99)	0	0	0	0	0	0	0
		SSE-2 (set 6 ft above sill)	Not Applic.						

APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTIONS

26-Sep	29-Sep	1-Oct	DATES:	3-Oct	5-Oct	12-Oct	13-Oct	14-Oct	18-Oct
2.4	2.9	2.4	CHAN'L VELOCITIES (N):	2.7	2.5	2.5	2.4	2.5	2.4
6.5	4.9	6.4	Turbidity	6.4	7.0	5.8	5.7	6.0	5.3
			ELEVATIONS:						
			North Fish Ladder						
539.0	539.1	538.6	Forebay	538.3	538.5	538.6	538.5	538.5	538.7
539.0	539.1	538.5	Exit Pool	538.3	538.4	538.5	538.4	538.4	538.6
534.1	534.0	534.0	Makeup Diffuser	534.1	534.1	534.0	534.1	534.1	534.0
468.2	468.2	468.2	U S Picketed Leads	468.2	468.2	468.1	468.3	468.1	468.2
467.9	467.9	467.9	D S Picketed Leads	467.9	467.9	467.9	468.0	467.9	467.9
			South Fish Ladder						
539.0	539.1	538.6	Forebay	538.3	538.5	538.6	538.5	538.5	538.7
539.0	539.1	538.5	Exit Pool	538.2	538.4	538.6	538.5	538.5	538.7
534.1	534.0	534.0	Makeup Diffuser	534.1	534.0	534.1	534.1	534.1	534.1
534.1	534.1	534.1	U S Picketed Leads	534.1	534.1	534.1	534.1	534.1	534.1
534.1	534.0	534.0	D S Picketed Leads	534.1	534.0	534.1	534.1	534.1	534.1
			Collection Channels						
440.5	440.6	440.6	North Shore	440.7	440.8	440.1	440.7	440.0	440.4
440.4	440.6	440.6	South Powerhouse	440.6	440.6	440.0	440.9	440.0	440.3
440.6	440.7	441.0	South Shore	440.3	441.2	440.6	440.8	440.5	440.4
			Tailwater						
439.1	439.6	439.4	North Shore	439.3	439.6	438.7	439.4	438.6	438.9
439.2	439.4	439.5	South Powerhouse	439.4	439.4	438.7	439.7	438.6	439.0
439.1	439.2	439.5	South Shore	438.8	439.7	438.9	439.2	438.9	438.7
			Entrance Weirs						
431.1	431.1	431.1	NSE-1	431.1	431.1	430.4	431.3	430.6	430.9
431.1	431.0	431.0	NSE-2	431.0	431.1	430.5	431.2	430.5	430.7
432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0	432.0	432.0
432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0	432.0	432.0
431.1	431.0	431.5	SSE-1	431.0	431.6	431.0	431.2	431.0	431.0
6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0
			DIFFERENTIALS/DEPTHS:						
			North Fish Ladder						
0.0	0.0	0.1	Ladder Exit	0.0	0.1	0.1	0.1	0.1	0.1
1.1	1.0	1.0	Ladder Weirs	1.1	1.1	1.0	1.1	1.1	1.0
0.3	0.3	0.3	Counting Station	0.3	0.3	0.2	0.3	0.2	0.3
			South Fish Ladder						
0.0	0.0	0.1	Ladder Exit	0.1	0.1	0.0	0.0	0.0	0.0
1.1	1.0	1.0	Ladder Weirs	1.1	1.0	1.1	1.1	1.1	1.1
0.0	0.1	0.1	Counting Station	0.0	0.1	0.0	0.0	0.0	0.0
			Collection Channels						
1.4	1.0	1.2	North Shore	1.4	1.2	1.4	1.3	1.4	1.5
1.2	1.2	1.1	South Powerhouse	1.2	1.2	1.3	1.2	1.4	1.3
1.5	1.5	1.5	South Shore	1.5	1.5	1.7	1.6	1.6	1.7
			Weir Depths						
8.0	8.5	8.3	NSE-1	8.2	8.5	8.3	8.1	8.0	8.0
8.0	8.6	8.4	NSE-2	8.3	8.5	8.2	8.2	8.1	8.2
7.2	7.4	7.5	SPE-1	7.4	7.4	6.7	7.7	6.6	7.0
7.2	7.4	7.5	SPE-2	7.4	7.4	6.7	7.7	6.6	7.0
8.0	8.2	8.0	SSE-1	7.8	8.1	7.9	8.0	7.9	7.7
6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	6.0
			CRITERIA POINTS:						
YES	YES	YES	Channel Velocities	YES	YES	YES	YES	YES	YES
			Differentials						
			North Fish Ladder						
YES	YES	YES	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
			South Fish Ladder						
YES	YES	YES	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
Collection Channels									
YES	YES	YES	North Shore	YES	YES	YES	YES	YES	YES
YES	YES	YES	South Powerhouse	YES	YES	YES	YES	YES	YES
YES	YES	YES	South Shore	YES	YES	YES	YES	YES	YES
Weir Depths									
YES	YES	YES	NSE-1	YES	YES	YES	YES	YES	YES
YES	YES	YES	NSE-2	YES	YES	YES	YES	YES	YES
SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL	SILL	SILL
YES	YES	YES	SSE-1	SILL	YES	SILL	YES	SILL	SILL
YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES	YES

(Output = 0. CRITERIA POINTS: YES

1	1	1	Channel Velocities	1	1	1	1	1	1
Differentials									
North Fish Ladder									
1	1	1	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
South Fish Ladder									
1	1	1	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
Collection Channels									
1	1	1	North Shore	1	1	1	1	1	1
1	1	1	South Powerhouse	1	1	1	1	1	1
1	1	1	South Shore	1	1	1	1	1	1
Weir Depths									
1	1	1	NSE-1	1	1	1	1	1	1
1	1	1	NSE-2	1	1	1	1	1	1
0	0	0	SPE-1	0	0	0	0	0	0
0	0	0	SPE-2	0	0	0	0	0	0
1	1	1	SSE-1	0	1	0	1	0	0
1	1	1	SSE-2 (feet above sill)	1	1	1	1	1	1

(Output = 0. CRITERIA POINTS: NO

0	0	0	Channel Velocities	0	0	0	0	0	0
Differentials									
North Fish Ladder									
0	0	0	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
South Fish Ladder									
0	0	0	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
Collection Channels									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Weir Depths									
0	0	0	NSE-1	0	0	0	0	0	0
0	0	0	NSE-2	0	0	0	0	0	0
0	0	0	SPE-1	0	0	0	0	0	0
0	0	0	SPE-2	0	0	0	0	0	0
0	0	0	SSE-1	0	0	0	0	0	0
0	0	0	SSE-2 (feet above sill)	0	0	0	0	0	0

(Output = 0. CRITERIA POINTS: SILL

Weir Depths									
0	0	0	NSE-1	0	0	0	0	0	0

0	0	0	NSE-2	0	0	0	0	0	0
1	1	1	SPE-1	1	1	1	1	1	1
1	1	1	SPE-2	1	1	1	1	1	1
0	0	0	SSE-1	1	0	1	0	1	1
			SSE-2 (feet above sill)						

North Ladder Differentials (more than 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.11 - 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.01 - 0.1 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.11 - 0.2 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.01 - 0.1 too low)									
Not applicab			Ladder Exit						
0	0	0	Ladder Weirs	0	0	0	0	0	0
Not applicab			Counting Station						
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	North Shore	0	0	0	0	0	0
0	0	0	South Powerhouse	0	0	0	0	0	0
0	0	0	South Shore	0	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	NSE-1 (<7.80)	0	0	0	0	0	0
0	0	0	NSE-2 (<7.80)	0	0	0	0	0	0
0	0	0	SPE-1 (<7.80)	0	0	0	0	0	0
0	0	0	SPE-2 (<7.80)	0	0	0	0	0	0
0	0	0	SSE-1 (<7.80)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0	0	0
0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0	0	0
0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0	0	0
			SSE-2 (set 6 ft above sill)	Not Applic.					

2021				APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY INSPECTION						
19-Oct	21-Oct	25-Oct	26-Oct	DATES:	28-Oct	1-Nov	2-Nov	4-Nov	8-Nov	
2.5	2.0	2.0	2.4	CHAN'L VELOCITIES (N):	2.5	2.4	2.1	2.0	2.8	
5.6	5.7	6.1	5.8	Turbidity	6.2	6.5	6.6	6.6	6.4	
				ELEVATIONS:						
				North Fish Ladder						
539.1	539.0	538.7	538.8	Forebay	538.8	539.1	538.7	538.7	537.7	
538.9	539.0	538.5	538.6	Exit Pool	538.6	538.9	538.7	538.6	537.7	
534.1	534.1	534.0	534.1	Makeup Diffuser	534.0	534.1	534.1	534.1	534.1	
468.2	468.2	468.3	468.3	U S Picketed Leads	468.3	468.2	468.2	468.2	468.2	
467.9	467.9	468.0	468.0	D S Picketed Leads	468.0	468.0	468.0	468.0	468.0	
				South Fish Ladder						
539.1	539.0	538.7	538.8	Forebay	538.8	539.1	538.7	538.7	537.8	
539.0	538.9	538.5	538.7	Exit Pool	538.8	539.1	538.6	538.6	537.7	
534.1	534.1	534.1	534.1	Makeup Diffuser	534.1	534.1	534.1	534.1	534.1	
534.1	534.1	534.1	534.1	U S Picketed Leads	534.1	534.1	534.1	534.1	534.1	
534.1	534.1	534.1	534.1	D S Picketed Leads	534.1	534.1	534.1	534.1	534.1	
				Collection Channels						
440.7	439.9	440.4	440.3	North Shore	440.1	440.5	440.6	440.4	440.0	
440.6	440.0	440.2	440.3	South Powerhouse	440.1	440.4	440.3	440.3	439.9	
440.8	440.1	440.4	440.7	South Shore	440.4	440.5	440.4	440.7	440.3	
				Tailwater						
439.4	438.5	438.8	439.0	North Shore	438.8	439.0	439.2	439.0	438.6	
439.3	438.7	438.9	439.1	South Powerhouse	438.8	439.1	439.0	439.0	438.8	
439.2	438.3	438.7	439.1	South Shore	438.7	438.9	438.8	439.1	438.6	
				Entrance Weirs						
431.2	430.2	430.7	430.7	NSE-1	430.5	430.8	431.2	431.0	430.5	
431.4	430.4	430.7	430.8	NSE-2	430.5	430.7	431.0	430.9	430.5	
432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0	432.0	
432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0	432.0	
431.2	431.0	431.0	431.0	SSE-1	431.0	431.0	431.0	431.0	431.0	
6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	
				DIFFERENTIALS/DEPTHS:						
				North Fish Ladder						
0.2	0.0	0.2	0.2	Ladder Exit	0.2	0.2	0.0	0.1	0.0	
1.1	1.1	1.0	1.1	Ladder Weirs	1.0	1.1	1.1	1.1	1.1	
0.3	0.3	0.3	0.3	Counting Station	0.3	0.2	0.2	0.2	0.2	
				South Fish Ladder						
0.1	0.1	0.2	0.1	Ladder Exit	0.0	0.0	0.1	0.1	0.1	
1.1	1.1	1.1	1.1	Ladder Weirs	1.1	1.1	1.1	1.1	1.1	
0.0	0.0	0.0	0.0	Counting Station	0.0	0.0	0.0	0.0	0.0	
				Collection Channels						
1.3	1.4	1.6	1.3	North Shore	1.3	1.5	1.4	1.4	1.4	
1.3	1.3	1.3	1.2	South Powerhouse	1.3	1.3	1.3	1.3	1.1	
1.6	1.8	1.7	1.6	South Shore	1.7	1.6	1.6	1.6	1.7	
				Weir Depths						
8.2	8.3	8.1	8.3	NSE-1	8.3	8.2	8.0	8.0	8.1	
8.0	8.1	8.1	8.2	NSE-2	8.3	8.3	8.2	8.1	8.1	
7.3	6.7	6.9	7.1	SPE-1	6.8	7.1	7.0	7.0	6.8	
7.3	6.7	6.9	7.1	SPE-2	6.8	7.1	7.0	7.0	6.8	
8.0	7.3	7.7	8.1	SSE-1	7.7	7.9	7.8	8.1	7.6	
6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0	6.0	
				CRITERIA POINTS:						
YES	YES	YES	YES	Channel Velocities	YES	YES	YES	YES	YES	
				Differentials						
				North Fish Ladder						
YES	YES	YES	YES	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	
				South Fish Ladder						
YES	YES	YES	YES	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
				Collection Channels					
YES	YES	YES	YES	North Shore	YES	YES	YES	YES	YES
YES	YES	YES	YES	South Powerhouse	YES	YES	YES	YES	YES
YES	YES	YES	YES	South Shore	YES	YES	YES	YES	YES
				Weir Depths					
YES	YES	YES	YES	NSE-1	YES	YES	YES	YES	YES
YES	YES	YES	YES	NSE-2	YES	YES	YES	YES	YES
SILL	SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL	SILL
YES	SILL	SILL	YES	SSE-1	SILL	SILL	SILL	YES	SILL
YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES	YES

CRITERIA POINTS: YES									
1	1	1	1	Channel Velocities	1	1	1	1	1
				Differentials					
				North Fish Ladder					
1	1	1	1	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
				South Fish Ladder					
1	1	1	1	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
				Collection Channels					
1	1	1	1	North Shore	1	1	1	1	1
1	1	1	1	South Powerhouse	1	1	1	1	1
1	1	1	1	South Shore	1	1	1	1	1
				Weir Depths					
1	1	1	1	NSE-1	1	1	1	1	1
1	1	1	1	NSE-2	1	1	1	1	1
0	0	0	0	SPE-1	0	0	0	0	0
0	0	0	0	SPE-2	0	0	0	0	0
1	0	0	1	SSE-1	0	0	0	1	0
1	1	1	1	SSE-2 (feet above sill)	1	1	1	1	1

CRITERIA POINTS: NO									
0	0	0	0	Channel Velocities	0	0	0	0	0
				Differentials					
				North Fish Ladder					
0	0	0	0	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
				South Fish Ladder					
0	0	0	0	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
				Collection Channels					
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
				Weir Depths					
0	0	0	0	NSE-1	0	0	0	0	0
0	0	0	0	NSE-2	0	0	0	0	0
0	0	0	0	SPE-1	0	0	0	0	0
0	0	0	0	SPE-2	0	0	0	0	0
0	0	0	0	SSE-1	0	0	0	0	0
0	0	0	0	SSE-2 (feet above sill)	0	0	0	0	0

CRITERIA POINTS: SILL									
				Weir Depths					
0	0	0	0	NSE-1	0	0	0	0	0

0	0	0	0	NSE-2	0	0	0	0	0
1	1	1	1	SPE-1	1	1	1	1	1
1	1	1	1	SPE-2	1	1	1	1	1
0	1	1	0	SSE-1	1	1	1	0	1
				SSE-2 (feet above sill)					

North Ladder Differentials (more than 0.2 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
North Ladder Differentials (0.11 - 0.2 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
North Ladder Differentials (0.01 - 0.1 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
South Ladder Differentials (0.11 - 0.2 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
South Ladder Differentials (0.01 - 0.1 too low)									
				Ladder Exit					
0	0	0	0	Ladder Weirs	0	0	0	0	0
				Counting Station					
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	North Shore	0	0	0	0	0
0	0	0	0	South Powerhouse	0	0	0	0	0
0	0	0	0	South Shore	0	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	NSE-1 (<7.80)	0	0	0	0	0
0	0	0	0	NSE-2 (<7.80)	0	0	0	0	0
0	0	0	0	SPE-1 (<7.80)	0	0	0	0	0
0	0	0	0	SPE-2 (<7.80)	0	0	0	0	0
0	0	0	0	SSE-1 (<7.80)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)					
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0	0
0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)					
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0	0
0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0	0
				SSE-2 (set 6 ft above sill)					

NS		2021					APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT FISHWAY I				
9-Nov	10-Nov	15-Nov	16-Nov	18-Nov	DATES:	22-Nov	23-Nov	24-Nov	30-Nov		
0.1	0.1	1.6	2.2	2.0	CHAN'L VELOCITIES (N):	2.7	2.6	2.8	2.6		
5.9	6.0	5.6	5.8	6.4	Turbidity	5.9	5.4	5.7	5.9		
					ELEVATIONS:						
					North Fish Ladder						
537.9	538.0	538.9	538.9	539.2	Forebay	538.6	538.4	538.6	538.8		
537.9	538.0	538.7	538.7	539.2	Exit Pool	538.6	538.3	538.6	538.8		
534.1	534.1	534.1	534.1	534.1	Makeup Diffuser	534.1	534.1	534.1	534.0		
468.2	468.2	468.2	468.2	468.2	U S Picketed Leads	468.2	468.1	468.2	468.1		
468.0	468.0	468.0	468.0	468.0	D S Picketed Leads	468.0	467.9	467.9	467.9		
					South Fish Ladder						
538.0	538.0	538.8	538.9	539.2	Forebay	538.6	538.3	538.5	538.8		
538.0	538.0	538.8	538.9	539.2	Exit Pool	538.5	538.3	538.4	538.7		
534.1	534.1	534.0	534.0	534.1	Makeup Diffuser	534.1	534.0	534.1	534.1		
534.1	534.1	534.0	534.0	534.1	U S Picketed Leads	534.1	534.0	534.1	534.1		
534.1	534.1	534.0	534.0	534.1	D S Picketed Leads	534.1	534.0	534.1	534.1		
					Collection Channels						
439.7	439.8	440.6	440.5	440.5	North Shore	440.7	440.3	440.5	440.5		
439.6	439.8	440.4	440.4	440.4	South Powerhouse	440.6	440.3	440.4	440.4		
440.0	440.0	440.8	440.8	440.4	South Shore	440.5	440.5	440.7	440.4		
					Tailwater						
438.3	438.5	439.2	439.2	439.2	North Shore	439.3	439.0	439.1	439.0		
438.5	438.7	439.1	439.1	439.0	South Powerhouse	439.3	439.0	439.1	439.0		
438.4	438.3	439.2	439.2	438.8	South Shore	438.9	438.9	439.1	438.8		
					Entrance Weirs						
430.2	430.4	431.2	431.2	431.2	NSE-1	431.2	431.0	431.0	430.9		
430.1	430.2	431.1	431.2	430.8	NSE-2	430.8	430.8	431.1	430.9		
432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	432.0		
432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	432.0		
431.0	431.0	431.2	431.0	431.0	SSE-1	431.0	431.0	431.0	431.0		
6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0		
					DIFFERENTIALS/DEPTHS:						
					North Fish Ladder						
0.0	0.0	0.2	0.2	0.0	Ladder Exit	0.0	0.1	0.0	0.0		
1.1	1.1	1.1	1.1	1.1	Ladder Weirs	1.1	1.1	1.1	1.0		
0.2	0.2	0.2	0.2	0.2	Counting Station	0.2	0.2	0.3	0.2		
					South Fish Ladder						
0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.1	0.0	0.1	0.1		
1.1	1.1	1.0	1.0	1.1	Ladder Weirs	1.1	1.0	1.1	1.1		
0.0	0.0	0.0	0.0	0.0	Counting Station	0.0	0.0	0.0	0.0		
					Collection Channels						
1.4	1.3	1.4	1.3	1.3	North Shore	1.4	1.3	1.4	1.5		
1.1	1.1	1.3	1.3	1.4	South Powerhouse	1.3	1.3	1.3	1.4		
1.6	1.7	1.6	1.6	1.6	South Shore	1.6	1.6	1.6	1.6		
					Weir Depths						
8.1	8.1	8.0	8.0	8.0	NSE-1	8.1	8.0	8.1	8.1		
8.2	8.3	8.1	8.0	8.4	NSE-2	8.5	8.2	8.0	8.1		
6.5	6.7	7.1	7.1	7.0	SPE-1	7.3	7.0	7.1	7.0		
6.5	6.7	7.1	7.1	7.0	SPE-2	7.3	7.0	7.1	7.0		
7.4	7.3	8.0	8.2	7.8	SSE-1	7.9	7.9	8.1	7.8		
6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	6.0		
					CRITERIA POINTS:						
NO	NO	YES	YES	YES	Channel Velocities	YES	YES	YES	YES		
					Differentials						
					North Fish Ladder						
YES	YES	YES	YES	YES	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		
					South Fish Ladder						
YES	YES	YES	YES	YES	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
Collection Channels									
YES	YES	YES	YES	YES	North Shore	YES	YES	YES	YES
YES	YES	YES	YES	YES	South Powerhouse	YES	YES	YES	YES
YES	YES	YES	YES	YES	South Shore	YES	YES	YES	YES
Weir Depths									
YES	YES	YES	YES	YES	NSE-1	YES	YES	YES	YES
YES	YES	YES	YES	YES	NSE-2	YES	YES	YES	YES
SILL	SILL	SILL	SILL	SILL	SPE-1	SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL	SILL	SPE-2	SILL	SILL	SILL	SILL
SILL	SILL	YES	YES	SILL	SSE-1	SILL	SILL	YES	SILL
YES	YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES	YES

CRITERIA POINTS: YES									
0	0	1	1	1	Channel Velocities	1	1	1	1
Differentials									
North Fish Ladder									
1	1	1	1	1	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
South Fish Ladder									
1	1	1	1	1	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
Collection Channels									
1	1	1	1	1	North Shore	1	1	1	1
1	1	1	1	1	South Powerhouse	1	1	1	1
1	1	1	1	1	South Shore	1	1	1	1
Weir Depths									
1	1	1	1	1	NSE-1	1	1	1	1
1	1	1	1	1	NSE-2	1	1	1	1
0	0	0	0	0	SPE-1	0	0	0	0
0	0	0	0	0	SPE-2	0	0	0	0
0	0	1	1	0	SSE-1	0	0	1	0
1	1	1	1	1	SSE-2 (feet above sill)	1	1	1	1

CRITERIA POINTS: NO									
1	1	0	0	0	Channel Velocities	0	0	0	0
Differentials									
North Fish Ladder									
0	0	0	0	0	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
South Fish Ladder									
0	0	0	0	0	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
Collection Channels									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Weir Depths									
0	0	0	0	0	NSE-1	0	0	0	0
0	0	0	0	0	NSE-2	0	0	0	0
0	0	0	0	0	SPE-1	0	0	0	0
0	0	0	0	0	SPE-2	0	0	0	0
0	0	0	0	0	SSE-1	0	0	0	0
0	0	0	0	0	SSE-2 (feet above sill)	0	0	0	0

CRITERIA POINTS: SILL									
Weir Depths									
0	0	0	0	0	NSE-1	0	0	0	0

0	0	0	0	0	NSE-2	0	0	0	0
1	1	1	1	1	SPE-1	1	1	1	1
1	1	1	1	1	SPE-2	1	1	1	1
1	1	0	0	1	SSE-1	1	1	0	1
					SSE-2 (feet above sill)				

North Ladder Differentials (more than 0.2 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
North Ladder Differentials (0.11 - 0.2 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
North Ladder Differentials (0.01 - 0.1 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
North Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	0	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
North Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	0	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
North Ladder Differentials (more than 0.2 too high)									
0	0	0	0	0	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
South Ladder Differentials (more than 0.2 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
South Ladder Differentials (0.11 - 0.2 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
South Ladder Differentials (0.01 - 0.1 too low)									
Ladder Exit									
0	0	0	0	0	Ladder Weirs	0	0	0	0
Counting Station									
South Ladder Differentials (0.01 - 0.1 too high)									
0	0	0	0	0	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
South Ladder Differentials (0.11 - 0.2 too high)									
0	0	0	0	0	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
South Ladder Differentials (more than 0.2 too high)									
0	0	0	0	0	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
Channel/Tailwater Differentials (<0.80)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (0.80 - 0.89)									

0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	North Shore	0	0	0	0
0	0	0	0	0	South Powerhouse	0	0	0	0
0	0	0	0	0	South Shore	0	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	NSE-1 (<7.80)	0	0	0	0
0	0	0	0	0	NSE-2 (<7.80)	0	0	0	0
0	0	0	0	0	SPE-1 (<7.80)	0	0	0	0
0	0	0	0	0	SPE-2 (<7.80)	0	0	0	0
0	0	0	0	0	SSE-1 (<7.80)	0	0	0	0
					SSE-2 (set 6 ft above sill)				
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0	0
0	0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0	0
					SSE-2 (set 6 ft above sill)				
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0	0
0	0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0	0
					SSE-2 (set 6 ft above sill)				

INSPECTIONS			2021			APPENDIX 1 (CONTINUED). LOWER MONUMENTAL ADULT				
1-Dec	2-Dec	6-Dec	7-Dec	9-Dec	13-Dec	DATES:	14-Dec	15-Dec	20-Dec	
3.1	2.6	2.4	2.6	2.4	2.2	CHAN'L VELOCITIES (N):	2.7	2.4	2.2	
5.6	5.6	5.8	5.8	5.8	6.0	Turbidity	6.2	6.3	7.2	
						ELEVATIONS:				
						North Fish Ladder				
538.9	539.1	538.1	537.8	538.4	538.3	Forebay	538.3	538.4	538.6	
538.9	539.1	538.1	537.8	538.4	538.3	Exit Pool	538.3	538.4	538.6	
534.0	534.1	534.0	534.0	534.0	534.1	Makeup Diffuser	534.1	534.1	534.1	
468.1	468.1	468.2	468.2	468.2	468.2	U S Picketed Leads	468.2	468.2	468.2	
467.9	467.9	467.9	467.9	468.0	467.9	D S Picketed Leads	468.0	468.0	468.0	
						South Fish Ladder				
538.9	539.1	538.1	537.8	538.5	538.2	Forebay	538.3	538.4	538.6	
538.9	539.0	538.0	537.8	538.5	538.2	Exit Pool	538.3	538.4	538.4	
534.1	534.1	534.1	534.1	534.1	534.1	Makeup Diffuser	534.1	534.1	534.0	
534.1	534.1	534.1	534.1	534.1	534.1	U S Picketed Leads	534.1	534.1	534.2	
534.1	534.1	534.0	534.1	534.1	534.1	D S Picketed Leads	534.1	534.1	534.0	
						Collection Channels				
440.4	439.8	440.0	440.4	441.7	440.6	North Shore	440.2	440.8	440.1	
440.2	439.8	439.9	440.2	441.6	440.4	South Powerhouse	440.1	440.7	440.7	
440.4	440.2	439.8	440.5	441.5	440.9	South Shore	440.4	441.0	440.3	
						Tailwater				
438.9	438.3	438.6	439.2	440.4	439.2	North Shore	438.9	439.3	439.0	
438.9	438.5	438.7	439.0	440.3	439.1	South Powerhouse	438.8	439.5	439.7	
438.8	438.5	438.2	438.9	440.0	439.3	South Shore	438.8	439.5	438.9	
						Entrance Weirs				
430.8	430.3	430.6	431.2	432.4	431.2	NSE-1	430.9	431.1	431.3	
430.9	430.1	430.3	430.8	432.4	431.1	NSE-2	430.5	431.1	431.1	
432.0	432.0	432.0	432.0	432.0	432.0	SPE-1	432.0	432.0	432.0	
432.0	432.0	432.0	432.0	432.0	432.0	SPE-2	432.0	432.0	432.0	
431.0	431.0	431.0	431.0	432.0	431.3	SSE-1	431.0	431.4	431.1	
6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	
						DIFFERENTIALS/DEPTHS:				
						North Fish Ladder				
0.0	0.0	0.0	0.0	0.0	0.0	Ladder Exit	0.0	0.0	0.0	
1.0	1.1	1.0	1.0	1.0	1.1	Ladder Weirs	1.1	1.1	1.1	
0.2	0.2	0.3	0.3	0.2	0.3	Counting Station	0.2	0.2	0.2	
						South Fish Ladder				
0.0	0.1	0.1	0.0	0.0	0.0	Ladder Exit	0.0	0.0	0.2	
1.1	1.1	1.1	1.1	1.1	1.1	Ladder Weirs	1.1	1.1	1.0	
0.0	0.0	0.1	0.0	0.0	0.0	Counting Station	0.0	0.0	0.2	
						Collection Channels				
1.5	1.5	1.4	1.2	1.3	1.4	North Shore	1.3	1.5	1.1	
1.3	1.3	1.2	1.2	1.3	1.3	South Powerhouse	1.3	1.2	1.0	
1.6	1.7	1.6	1.6	1.5	1.6	South Shore	1.6	1.5	1.4	
						Weir Depths				
8.1	8.0	8.0	8.0	8.0	8.0	NSE-1	8.0	8.2	7.7	
8.0	8.2	8.3	8.4	8.0	8.1	NSE-2	8.4	8.2	7.9	
6.9	6.5	6.7	7.0	8.3	7.1	SPE-1	6.8	7.5	7.7	
6.9	6.5	6.7	7.0	8.3	7.1	SPE-2	6.8	7.5	7.7	
7.8	7.5	7.2	7.9	8.0	8.0	SSE-1	7.8	8.1	7.8	
6.0	6.0	6.0	6.0	6.0	6.0	SSE-2 (feet above sill)	6.0	6.0	6.0	
						CRITERIA POINTS:				
YES	YES	YES	YES	YES	YES	Channel Velocities	YES	YES	YES	
						Differentials				
						North Fish Ladder				
YES	YES	YES	YES	YES	YES	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	
						South Fish Ladder				
YES	YES	YES	YES	YES	YES	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
						Collection Channels			
YES	YES	YES	YES	YES	YES	North Shore	YES	YES	YES
YES	YES	YES	YES	YES	YES	South Powerhouse	YES	YES	YES
YES	YES	YES	YES	YES	YES	South Shore	YES	YES	YES
						Weir Depths			
YES	YES	YES	YES	YES	YES	NSE-1	YES	YES	NO
YES	YES	YES	YES	YES	YES	NSE-2	YES	YES	NO
SILL	SILL	SILL	SILL	YES	SILL	SPE-1	SILL	SILL	SILL
SILL	SILL	SILL	SILL	YES	SILL	SPE-2	SILL	SILL	SILL
SILL	SILL	SILL	SILL	YES	YES	SSE-1	SILL	YES	NO
YES	YES	YES	YES	YES	YES	SSE-2 (feet above sill)	YES	YES	YES

CRITERIA POINTS: YES									
1	1	1	1	1	1	Channel Velocities	1	1	1
						Differentials			
						North Fish Ladder			
1	1	1	1	1	1	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
						South Fish Ladder			
1	1	1	1	1	1	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
						Collection Channels			
1	1	1	1	1	1	North Shore	1	1	1
1	1	1	1	1	1	South Powerhouse	1	1	1
1	1	1	1	1	1	South Shore	1	1	1
						Weir Depths			
1	1	1	1	1	1	NSE-1	1	1	0
1	1	1	1	1	1	NSE-2	1	1	0
0	0	0	0	1	0	SPE-1	0	0	0
0	0	0	0	1	0	SPE-2	0	0	0
0	0	0	0	1	1	SSE-1	0	1	0
1	1	1	1	1	1	SSE-2 (feet above sill)	1	1	1

CRITERIA POINTS: NO									
0	0	0	0	0	0	Channel Velocities	0	0	0
						Differentials			
						North Fish Ladder			
0	0	0	0	0	0	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
						South Fish Ladder			
0	0	0	0	0	0	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
						Collection Channels			
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
						Weir Depths			
0	0	0	0	0	0	NSE-1	0	0	1
0	0	0	0	0	0	NSE-2	0	0	1
0	0	0	0	0	0	SPE-1	0	0	0
0	0	0	0	0	0	SPE-2	0	0	0
0	0	0	0	0	0	SSE-1	0	0	1
0	0	0	0	0	0	SSE-2 (feet above sill)	0	0	0

CRITERIA POINTS: SILL									
						Weir Depths			
0	0	0	0	0	0	NSE-1	0	0	0

0	0	0	0	0	0	NSE-2	0	0	0
1	1	1	1	0	1	SPE-1	1	1	1
1	1	1	1	0	1	SPE-2	1	1	1
1	1	1	1	0	0	SSE-1	1	0	0
						SSE-2 (feet above sill)			

						North Ladder Differentials (more than 0.2 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						North Ladder Differentials (0.11 - 0.2 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						North Ladder Differentials (0.01 - 0.1 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						North Ladder Differentials (0.01 - 0.1 too high)			
0	0	0	0	0	0	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
						North Ladder Differentials (0.11 - 0.2 too high)			
0	0	0	0	0	0	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
						North Ladder Differentials (more than 0.2 too high)			
0	0	0	0	0	0	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
						South Ladder Differentials (more than 0.2 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						South Ladder Differentials (0.11 - 0.2 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						South Ladder Differentials (0.01 - 0.1 too low)			
						Ladder Exit			
0	0	0	0	0	0	Ladder Weirs	0	0	0
						Counting Station			
						South Ladder Differentials (0.01 - 0.1 too high)			
0	0	0	0	0	0	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
						South Ladder Differentials (0.11 - 0.2 too high)			
0	0	0	0	0	0	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
						South Ladder Differentials (more than 0.2 too high)			
0	0	0	0	0	0	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
						Channel/Tailwater Differentials (<0.80)			
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
						Channel/Tailwater Differentials (0.80 - 0.89)			

0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (0.90 - 0.99):									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (2.01 - 2.10)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (2.11 - 2.20)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Channel/Tailwater Differentials (>2.20)									
0	0	0	0	0	0	North Shore	0	0	0
0	0	0	0	0	0	South Powerhouse	0	0	0
0	0	0	0	0	0	South Shore	0	0	0
Entrance Weir Depths (more than 0.2 too low)									
0	0	0	0	0	0	NSE-1 (<7.80)	0	0	1
0	0	0	0	0	0	NSE-2 (<7.80)	0	0	0
0	0	0	0	0	0	SPE-1 (<7.80)	0	0	0
0	0	0	0	0	0	SPE-2 (<7.80)	0	0	0
0	0	0	0	0	0	SSE-1 (<7.80)	0	0	1
						SSE-2 (set 6 ft above sill)			
Entrance Weir Depths (0.11 - 0.2 too low)									
0	0	0	0	0	0	NSE-1 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	NSE-2 (7.80 - 7.89)	0	0	1
0	0	0	0	0	0	SPE-1 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	SPE-2 (7.80 - 7.89)	0	0	0
0	0	0	0	0	0	SSE-1 (7.80 - 7.89)	0	0	0
						SSE-2 (set 6 ft above sill)			
Entrance Weir Depths (0.01 - 0.1 too low)									
0	0	0	0	0	0	NSE-1 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	NSE-2 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SPE-1 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SPE-2 (7.90 - 7.99)	0	0	0
0	0	0	0	0	0	SSE-1 (7.90 - 7.99)	0	0	0
						SSE-2 (set 6 ft above sill)			

FISHWAY INSPECTIONS 2021

21-Dec	22-Dec	27-Dec	28-Dec
1.5	1.9	0.9	1.3
6.5	5.2	7.0	7.0

				Max	Min
538.6	538.7	538.1	538.1	539.2	537.5
538.6	538.5	538.0	538.1	539.2	537.5
534.0	534.1	534.1	534.1	534.2	534.0
468.2	468.2	468.1	468.1	468.3	467.9
468.1	468.0	468.0	468.0	468.1	467.7
538.6	538.7	537.8	538.2	539.2	537.5
538.6	538.6	537.8	538.2	539.2	537.5
534.0	534.1	534.0	534.1	534.2	534.0
534.0	534.1	534.1	534.1	534.2	534.0
534.0	534.1	534.0	534.1	534.2	534.0
440.5	440.0	440.3	440.3	441.7	438.7
440.4	439.9	440.2	439.9	441.6	438.5
440.1	440.1	440.6	440.1	441.5	438.5
439.1	438.6	439.0	438.6	440.5	437.2
438.9	438.7	439.1	438.7	440.3	437.0
438.6	438.6	439.2	438.6	440.0	436.7
431.4	430.6	431.3	430.2	432.4	429.2
430.8	430.5	430.9	429.8	432.4	429.1
432.0	432.0	432.0	432.0	432.0	432.0
432.0	432.0	432.0	432.0	432.0	432.0
431.0	431.0	431.0	431.0	432.0	431.0
6.0	6.0	6.0	6.0	6.0	6.0
0.0	0.2	0.1	0.0	0.3	0.0
1.0	1.1	1.1	1.1	1.2	1.0
0.1	0.2	0.1	0.1	0.4	0.1
0.0	0.1	0.0	0.0	0.3	0.0
1.0	1.1	1.0	1.1	1.2	1.0
0.0	0.0	0.1	0.0	0.2	0.0
1.4	1.4	1.3	1.7	1.9	1.0
1.5	1.2	1.1	1.2	1.8	1.0
1.5	1.5	1.4	1.5	2.0	1.0
7.7	8.0	7.7	8.4	8.7	7.7
8.3	8.1	8.1	8.8	8.8	7.9
6.9	6.7	7.1	6.7	8.3	5.0
6.9	6.7	7.1	6.7	8.3	5.0
7.6	7.6	8.2	7.6	8.4	5.7
6.0	6.0	6.0	6.0	6.0	6.0
YES	YES	NO	NO		
YES	YES	YES	YES		
YES	YES	YES	YES		
YES	YES	YES	YES		
YES	YES	YES	YES		

YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
YES	YES	YES	YES
NO	YES	NO	YES
YES	YES	YES	YES
SILL	SILL	SILL	SILL
SILL	SILL	SILL	SILL
SILL	SILL	YES	SILL
YES	YES	YES	YES

				CRITERIA POINTS: YES	No. of YES	Total No. of Inspections
1	1	0	0	Channel Velocities	154	158
				Differentials		
				North Fish Ladder		
1	1	1	1	Ladder Exit	158	158
1	1	1	1	Ladder Weirs	158	158
1	1	1	1	Counting Station	158	158
				South Fish Ladder		
1	1	1	1	Ladder Exit	158	158
1	1	1	1	Ladder Weirs	158	158
1	1	1	1	Counting Station	158	158
				Collection Channels		
1	1	1	1	North Shore	158	158
1	1	1	1	South Powerhouse	158	158
1	1	1	1	South Shore	158	158
				Weir Depths		
0	1	0	1	NSE-1	153	158
1	1	1	1	NSE-2	156	158
0	0	0	0	SPE-1	3	158
0	0	0	0	SPE-2	3	158
0	0	1	0	SSE-1	45	158
1	1	1	1	SSE-2 (feet above sill)	158	158

				CRITERIA POINTS: NO	No. of NO
0	0	1	1	Channel Velocities	4
				Differentials	
				North Fish Ladder	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				South Fish Ladder	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				Collection Channels	
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
				Weir Depths	
1	0	1	0	NSE-1	5
0	0	0	0	NSE-2	2
0	0	0	0	SPE-1	0
0	0	0	0	SPE-2	0
0	0	0	0	SSE-1	1
0	0	0	0	SSE-2 (feet above sill)	0

				CRITERIA POINTS: SILL	No. of SILL
0	0	0	0	Weir Depths	
				NSE-1	0

0	0	0	0
1	1	1	1
1	1	1	1
1	1	0	1

NSE-2	0
SPE-1	155
SPE-2	155
SSE-1	112
SSE-2 (feet above sill)	Not Applic.

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

				North Ladder Differentials (more than 0.2 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				North Ladder Differentials (0.11 - 0.2 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				North Ladder Differentials (0.01 - 0.1 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				North Ladder Differentials (0.01 - 0.1 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				North Ladder Differentials (0.11 - 0.2 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				North Ladder Differentials (more than 0.2 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				South Ladder Differentials (more than 0.2 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				South Ladder Differentials (0.11 - 0.2 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				South Ladder Differentials (0.01 - 0.1 too low)	
				Ladder Exit	Not applicable.
0	0	0	0	Ladder Weirs	0
				Counting Station	Not applicable.
				South Ladder Differentials (0.01 - 0.1 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				South Ladder Differentials (0.11 - 0.2 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				South Ladder Differentials (more than 0.2 too high)	
0	0	0	0	Ladder Exit	0
0	0	0	0	Ladder Weirs	0
0	0	0	0	Counting Station	0
				Channel/Tailwater Differentials (<0.80)	
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
				Channel/Tailwater Differentials (0.80 - 0.89)	

0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
Channel/Tailwater Differentials (0.90 - 0.99):					
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
Channel/Tailwater Differentials (2.01 - 2.10)					
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
Channel/Tailwater Differentials (2.11 - 2.20)					
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
Channel/Tailwater Differentials (>2.20)					
0	0	0	0	North Shore	0
0	0	0	0	South Powerhouse	0
0	0	0	0	South Shore	0
Entrance Weir Depths (more than 0.2 too low)					
1	0	1	0	NSE-1 (<7.80)	3
0	0	0	0	NSE-2 (<7.80)	0
0	0	0	0	SPE-1 (<7.80)	0
0	0	0	0	SPE-2 (<7.80)	0
0	0	0	0	SSE-1 (<7.80)	1
				SSE-2 (set 6 ft above sill)	0
Entrance Weir Depths (0.11 - 0.2 too low)					
0	0	0	0	NSE-1 (7.80 - 7.89)	2
0	0	0	0	NSE-2 (7.80 - 7.89)	2
0	0	0	0	SPE-1 (7.80 - 7.89)	0
0	0	0	0	SPE-2 (7.80 - 7.89)	0
0	0	0	0	SSE-1 (7.80 - 7.89)	0
				SSE-2 (set 6 ft above sill)	0
Entrance Weir Depths (0.01 - 0.1 too low)					
0	0	0	0	NSE-1 (7.90 - 7.99)	0
0	0	0	0	NSE-2 (7.90 - 7.99)	0
0	0	0	0	SPE-1 (7.90 - 7.99)	0
0	0	0	0	SPE-2 (7.90 - 7.99)	0
0	0	0	0	SSE-1 (7.90 - 7.99)	0
				SSE-2 (set 6 ft above sill)	0



	Columns in Table	This table automatically calculates all results. Just copy th			
	1	2	3	4	5
% YES					
97.5	LOWER MONUMENTAL				-----Not Enough Dep
	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
100.0	Channel Velocities	154	97.5	***	***
100.0		***	***	***	***
100.0		158			
100.0	Differentials				
100.0	North Fish Ladder				
100.0	Ladder Exit	158	100.0	***	***
100.0		***	***	***	***
100.0		158			
100.0	Ladder Weirs	158	100.0	0	0
		***	***	0.0	0.0
96.8		158			
98.7	Counting Station	158	100.0	***	***
1.9		***	***	***	***
1.9		158			
28.5	South Fish Ladder				
100.0	Ladder Exit	158	100.0	***	***
		***	***	***	***
% NO		158			
2.5	Ladder Weirs	158	100.0	0	0
		***	***	0.0	0.0
		158			
0.0	Counting Station	158	100.0	***	***
0.0		***	***	***	***
0.0		158			
	Collection Channels				
0.0	North Shore	158	100.0	0	0
0.0		***	***	0.0	0.0
0.0		158			
0.0	South Powerhouse	158	100.0	0	0
0.0		***	***	0.0	0.0
0.0		158			
0.0	South Shore	158	100.0	0	0
		***	***	0.0	0.0
		158			
3.2	Weir Depths				
1.3	NSE-1	153	96.8	0	2
0.0		0	0.0	0.0	1.3
0.0		158			
0.6	NSE-2	156	98.7	0	2
0.0		0	0.0	0.0	1.3
		158			
% SILL	SPE-1	3	1.9	0	0
Not Applic.		155	98.1	0.0	0.0

Not Applic.
98.1
98.1
70.9
Not Applic.

		158			
	SPE-2	3	1.9	0	0
		155	98.1	0.0	0.0
		158			
	SSE-1	45	28.5	0	0
		112	70.9	0.0	0.0
		158			
	SSE-2 (feet above sill)	158	100.0	0	0
		Not Applic.	***	0.0	0.0
		158			



ie data (only) into the Word file table.				Rows in Table
6	7	8	9	
th-----	-----Too Much Depth-----			1
No./%	No./%	No./%	No./%	2
>0.2	Within	Within	>0.2	3
Foot	0.01-0.1	0.11-0.2	Foot	4
	Foot	Foot		5
				6
***	***	***	***	7
***	***	***	***	8
				9
				10
				11
***	0	0	0	12
***	0.0	0.0	0.0	13
				14
0	0	0	0	15
0.0	0.0	0.0	0.0	16
				17
***	0	0	0	18
***	0.0	0.0	0.0	19
				20
				21
***	0	0	0	22
***	0.0	0.0	0.0	23
				24
0	0	0	0	25
0.0	0.0	0.0	0.0	26
				27
***	0	0	0	28
***	0.0	0.0	0.0	29
				30
				31
0	0	0	0	32
0.0	0.0	0.0	0.0	33
				34
0	0	0	0	35
0.0	0.0	0.0	0.0	36
				37
0	0	0	0	38
0.0	0.0	0.0	0.0	39
				40
3	***	***	***	41
1.9	***	***	***	42
				43
0	***	***	***	44
0.0	***	***	***	45
				46
0	***	***	***	47
0.0	***	***	***	48
				49

				50
0	***	***	***	51
0.0	***	***	***	52
				53
1	***	***	***	54
0.6	***	***	***	55
				56
0	***	***	***	57
0.0	***	***	***	58
				59