Name of Dam:		Date:	
Inspectors:		F.F #:	
Owner's Name:		Key Seq #:	
Street:			
City, State, Zip Code:			
County:		Phone:	
Weather and Site conditions:		Email:	

		GENERAL		Action		
Item	**N**	**Notes/ Observations**		**M**	**I**	**R**
1 Monuments/Benchmarks						
Location:						
Elevation:						
2 Pool Level						
Normal/Operating:						
Maximum:						
Minimum:						
3 Access Road						
4 Signage/ Security						
Portage:						
Dam Warning:						
Downstream Hazard:						
Fencing/Railings/Catwalks:						
5 Hazard Section						
A. D/S Development						
Density:						
Distance:						
Type:						
B. Channel Crossing						
Type:						
Dimensions:						
D/S distance:						
Traffic Level:						
C. Distance to nearest D/S community/impoundment:						
Name:						
D. Estimated Hazard (based on landuse):						

N = Noted; **M**= Monitor
I= Investigate; **R**= Repair
F.F.= Field File; **RT** = Right; **LT** = Left
U/S = Upstream; **D/S** = Downstream

Action Suggestion **1**. Requires immediate action
    2. Plan to do soon
    3. Do when convenient

Additional Comments:

EMBANKMENTS

Description:				Action		
				M	**I**	**R**

	Item	N	Location on Embankment and Deficiency				Action
1	**Vegetation:**		No problem				
	A. Trees	☐			☐	☐	☐
	Quantity:						
	Diameter:						
	Location:						
	B. Brush	☐			☐	☐	☐
	Quantity:						
	Location:						
	C. Ground cover	☐			☐	☐	☐
	Type:						
	Quantity:						
	Appearance:						
2	**Erosion**		No problem	Not applicable	Could not inspect		
	A. Wave erosion (Beaching):	☐			☐	☐	☐
	Scarp: Length/ Width:						
	Location:						
	B. Runoff Erosion (Gullies)	☐			☐	☐	☐
	Quantity:						
	Length/ Width/ Depth:						
	Location:						
3	**Instabilities**		No problem	Not applicable	Could not inspect		
	A. Slides	☐			☐	☐	☐
	Transverse:						
	Longitudinal:						
	Scarp: Length/ Width:						
	Crack Length/ Width:						
	B. Cracks:	☐			☐	☐	☐
	Transverse:						
	Longitudinal:						
	Length/ Width/ Depth:						
	Location:						
	Other:						
	C. Bulges/ Depressions	☐			☐	☐	☐
	Size:						
	Height/ Depth:						
	D. Slope (Too Steep) U/S, D/S	☐			☐	☐	☐

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F.F.= Field File; **RT** = Right; **LT** = Left
U/S = Upstream; **D/S** = Downstream

Action Suggestion
1. Requires immediate action
2. Plan to do soon
3. Do when convenient

Additional Comments:

Dam Inspection Checklist

Dam Name: F.F. #:   Date: Page__ of __

						Action		
Item	**N**	**Notes/ Observations**				**M**	**I**	**R**
4 Slope Protection		No problem	Not applicable	Could not inspect				
A. Type								
B. Condition:								
5 Other		No problem	Not applicable	Could not inspect				
A. Rodent burrows Location:								
B. Ruts Length/ Width/ Depth: Location:								
C. Other								
6 Alignment		No problem	Not applicable	Could not inspect				
A. Vertical Low area: Elevation Difference: Location:								
B. Horizontal								
C. Width Too narrow: Location:								
7 Toe Cracks/Slumps: Embankment drains: Type/Flow: Location: Seepage/ Wetness: Hummocky:		No problem	Not applicable	Could not inspect				
8 Seepage Wet area: Boil: Sinkhole: Aquatic vegetation: Rust colored deposits: Other: Sediment in Flow: Flowrate: Location:		No problem	Not applicable	Could not inspect				

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F.F.= Field File; **RT** = Right; **LT** = Left
U/S = Upstream; **D/S** = Downstream

Action Suggestion   **1**. Requires immediate action
              2. Plan to do soon
              3. Do when convenient

Additional Comments:

Dam Inspection Checklist

Dam Name: **F.F. #:**   **Date:**   **Page __ of __**

SPILLWAY--PRINCIPAL - FIXED CREST						Action		
Item	N	Notes/ Observations				M	I	R
1 Fixed Crest		No problem	Not applicable	Could not inspect				
A. Dimensions Top Width:								
B. Materials								
C. Shape								
D. Debris Prevention (racks, booms, etc.):								
E. Concrete Condition *								
F. Flashboards: Type: Dimensions: Operability:								
G. Abutments Condition: * Seepage/wetness:								
H. Drains		No problem	Not applicable	Could not inspect				
Type; Weep holes/ Relief drains/ Other: Flow Rate:								
I. Other								

N= Noted; **M**= Monitor
I= Investigate; **R=** Repair
F.F.= Field File; **RT** = Right; **LT** = Left
U/S = Upstream; **D/S** = Downstream

Action Suggestion   **1**. Requires immediate action
2. Plan to do soon
3. Do when convenient
Controlled = Gated   **Uncontrolled** = Overflow

Additional Comments:

* Type of Concrete Problems: Spalling,   cracks,   exposed rebar,   misalignment,   joints,   bug holes,   efflorescence,   popouts,   honeycombing,   scaling,   craze/map cracks,   isolated crack,   disintegration,   other:

Dam Inspection Checklist

Dam Name: **F.F.#:**   **Date:**   **Page __ of __**

SPILLWAY--PRINCIPAL - OUTLET EROSION CONTROL & UNDERMINING

Item	N	Notes/ Observations			Action M	I	R
1 Outlet Erosion Control		No problem	Not applicable	Could not inspect thoroughly			
A. Type:							
B. Scour							
C. Material							
a. Riprap: Avg Diameter:							
Condition:							
Bedding fabric:							
b. Concrete * Dimensions/Location:							
D. Sidewall/Headwall Misalignment: Location: Description:							
E. Separated Joint / Loss of Joint Material: Location: Description:							
F. Natural							
2 Undermining		No problem	Not applicable	Could not inspect thoroughly			
Location: Description:							

N= Noted; **M**= Monitor   **Action Suggestion**   **1**. Requires immediate action
I= Investigate; **R**= Repair   **2**. Plan to do soon
F.F.= Field File; **RT** = Right; **LT** = Left   **3**. Do when convenient
U/S = Upstream; **D/S** = Downstream   **Controlled** = Gated   **Uncontrolled** = Overflow

Additional Comments:

*Type of Concrete Problems: Spalling,   cracks,   exposed rebar,   misalignment,   joints,   bug holes,   efflorescence,   popouts, honeycombing,   scaling,   craze/map cracks,   isolated crack,   disintegration,   other:

Dam Inspection Checklist

Dam Name: **F.F.#:**   **Date:**   **Page __ of __**

Callahan Lake dam   6/2/2022

left culv. height u/s (3.7) Center culv height (3.6)

	BS	HI	FS	Elec	
Bm 1128-A	2.00	102.00		100	
HWEL			5.64	96.35	left embankment
HWEL			8.08	93.92	left culvert
HWEL			8.54	93.46	Center culvert
inv u/s left culv			9.10	92.9	
inv u/s Center culv			9.42	92.58	
inv u/s right culv			6.50	95.50	
u/s right culv top			3.00	99.00	
middle road top center pipe			0.95	101.05	
Low point road			0.68	101.32	
TWEL below rock			14.40	87.60	
Top left culv d/s			8.21	93.79	
inv left culv d/s			10.86	91.14	
Top left center culv d/s			8.79	93.21	
inv center culv d/s			12.20	89.8	
Top right culv d/s			6.18	95.82	
inv right culv d/s			9.70	92.3	
Bm 1128-A			2.00	100.00	

P1: U/S right embankment with woody vegetation

P2: Upper spillway and fishway

P3: Upper spillway and birch trees noted in report

P4: Lower spillway looking D/S

P5: Outlet pipes looking U/S

P6: D/S embankment looking right and example of woody vegetation. Tire circled in red. Erosion location circled in orange.

P7: Slumping/deflection right perched culvert looking U/S

P8: Center pipe deterioration and possible seepage between left and center culvert

P9: Void along right side of center culvert

P10: D/S channel