

Sept 2021 Update to Proposed Schedule-
Original 6/3/2019

Lake Kayak Dam Proposed Maintenance Schedule		2019	2020	2021	2022	2023
DSO Item	Vegetation Control and Maintenance					
1	Main Dam Embankment *					
	remove dead trees	bid✓	budget	maintain✓	maintain	maintain
	crest and downslope - trim/clear/mow vegetation	bid/perform (Sept) ✓	May & July✓	May and July ✓	maintain	maintain
	upslope - trim/mow vegetation	bid/perform (Sept) ✓	May & July✓	June & August ✓	maintain	maintain
2	Spillway Embankment*					
	remove dead trees	bid✓	budget	June✓	maintain	maintain
	crest - trim/mow vegetation	bid/perform (Sept) ✓	June & August✓	June & Aug ✓	maintain	maintain
	downslope - trim/clear/mow vegetation	bid✓	budget	June ✓	maintain	maintain
	upslope - trim/mow vegetation	bid/perform (Sept) ✓	June & August✓	June & Aug ✓	maintain	maintain
	Spillway Channel					
	remove/secure in-channel timber,debris,etc.	bid✓	budget/perform (Oct) ✓	perform & maintain	maintain	maintain
2	Raise Spillway Crest Elevation					
	crest - arrangements for emergency/sand bag delivery	establish vendor✓	emergency siphon plan in place ✓	emergency siphon plan in place ✓	reconfirm	reconfirm
	OR crest - add structural fill to low area	bid✓	budget/perform	DSO survey crest 8/13/2021✓	budget	Perform
3	Animal Control Activities					
	Main Dam Embankment and Spillway Channel					
	confer with experts on beaver control	confer✓	bid/budget	Permit approved 5/26/2021 ✓		
	confer with experts on mountain beaver control	confer✓	monitor/backfill	monitor/fill-in	monitor/fill-in	monitor/fill-in
	implement recommendations			implement notching	maintain	maintain
4	Main Dam Emergency Outflow System					
	Main Dam Outlet Structure					
	Inspection/assessment of system	bid	Bid ✓ budget	budget/Grant apply	see below	see below
	diver inspection of slide gate	bid	Bid ✓ budget	perform		perform
	video inspection of pipe	bid	Bid ✓ budget	perform		perform

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	system assessment/recommendations		Proposal ✓	obtain report	budget	perform
	Outlet structure rehabilitation Y/N		decision Yes ✓			
	If yes, install emergency shutoff valve @ outlet?		New system ✓	bid ✓/grant apply	budget/perform	perform
	If yes, system rehabilitation plan		New System ✓	bid ✓/grant apply	budget/perform	perform
	establish contingency outflow system		see below	see below	see below	see below
	If no, decommission outflow pipe?		yes, necessary ✓	bid	bid/budget	decomission
4	Contingency Emergency Outflow					
	Evaluate needs & consult with experts for item list	Consult ✓				
	Arrangements for contingency system rental		Establish vendor, proposal signed ✓	reconfirm ✓	reconfirm	reconfirm
	Purchase contingency system components (if any)		N/A	N/A	N/A	N/A
5	Dam/Spillway Stability Analysis	Consult ✓				
	Clarify specifics with DOE, draft RFP for vendors	DOE specifics ✓	draft RFP			
	Conduct geotechnical field work			Bids/Grant apply	bids/select	perform
	soil log/characterization	DOE specifics ✓				perform
	piezometer installation					perform
	Assess dam/spillway seismic stability (evaluation)			Bids/Grant apply	bids/select	perform
6	Instrumentation					
	Install Reservoir Staff Gauge	bid	budget	grant apply	bid/budget	perform/monitor
7	Seepage Monitoring					
	Establish monitoring plan and implement	draft plan	implement ✓	monitor	monitor	monitor
8	Update Operations/Maintenance Plan	draft plan	complete/implement ✓	update ✓	update as needed	update as needed
9	Update Emergency Action Plan	update	update as needed ✓	update ✓	update as needed	update as needed
10	Annual Inspection & Reporting					
	Develop plan and timeline	draft plan	perform ✓	perform ✓	perform (Fall)	perform (Fall)

Note: * removal activities will be performed in stages over time as budget allows.