

# Park Improvement Map

## Lower Lake

- Enhance the grassy area near the washroom building
- Design and build shelter gathering area near the washroom building
- Resurface the concrete steps into Lower Lake to provide safe lake access
- Install picnic tables near the washroom building and spillway
- Add handrails / ladders to concrete lake access points to make it easier to access water
- Add fishing float or dock
- Restore sandy swimming beach & add picnic facilities

## Middle Lake

- Consider designing and build shelter gathering area
- Consider installing a secondary washroom (concrete pump out)
- Restore the muddy area near the bridge with groundcover or grass
- Work to separate fishing-swimming / dogs / to improve conflict zones
- Install picnic tables near the bridge
- Install fishing float/dock



- ## Lower Lake
- Install benches
  - Install picnic tables

## General Park Improvements

- Add more garbage cans at places along the trails (especially in dog loop and at picnic areas)
- Install more benches along stopping areas
- Reduce sign clutter i.e. consolidate signage in clustered locations
- Install more dog rule signs at both the lower and upper dams to clarify rules and expectations
- Add directional signage and mark accessible trails
- Install a public notice or poster board at both trail heads

## Community Involvement and Park Restoration

- Involve community partners like the Colliery Dam Preservation Society, HNA, Nanaimo Horticulture Society, and others, in park restoration projects
- Plant tree seedlings grown from tree seeds harvested during the spillway construction (doug fir and red cedar)
- Encourage more park ambassadors to volunteer in the park
- Plant along sides of new trail/road to convert back to trail
- Encourage fuller understory where trampling is occurring
- Encourage invasive plant removal and restoration projects i.e. Harewood Creek area adjacent to spillway
- Create long-term invasive plant and stewardship strategy community

## Public Art

- Install functional art in the park i.e. benches
- Paint mural or living walls on the concrete walls of the new spillway
- Update washroom building with interior with mural or community paint-out

## Interpretive Signs,

- Create interpretive signage that explains about the park's unique features, native plants, traditional uses, park history, and the spillway area and restoration planting

## Existing Washroom Building

- Install power on the exterior of the washroom building to facilitate events
- Encourage more park programming, special events and nature talks. Consider hosting "paint outs," "draw ins," and other events at the park
- Create a community storage area in the washroom building (separate room)
- Interior improvements for washroom (painting, floor, drains and lights)

## Trails

- Work on improving trail accessibility in some areas i.e. lower lake near the washrooms and water access stairs
- Resurface trails in some areas where drainage issues occur
- Improve the trail over the water line between upper and lower dam
- Consider a secondary off leash trail connecting the lower parking lot to the middle dam loop

ATTACHMENT B

Detailed Improvement List and Costs

Park Location/Item	Colliery Dam Park Improvements	Budget (Operating or Capital)	Suggested Timing	Estimated Cost
Lower Lake	Resurface the concrete steps into lower lake to provide safe lake access.	O	2017	\$5000
	Add handrails/ladders to concrete lake access points to make it easier to access water.	O	2016 Spring - short term fix with longer term fix in 2017.	\$1000
	Restore sandy swimming beach.	C	An environmental feasibility study was completed in spring 2016.  Implementation of the work during fisheries window in summer 2017.	\$62,000
	Install picnic tables at the restored swimming beach.	O	2017	\$3000 for 2
	Install picnic tables near the washroom building and spillway.	O	2016	\$6000 for 4
	Add handrails/ladders to concrete lake access points to make it easier to access water.	O	2016 Spring - short term fix with longer term fix in 2017.	\$1000
	Install fishing float/dock.	C	2017	\$14,000 for a Poralu floating dock.

<b>Lower Lake (continued)</b>	Enhance the grassy area near the washroom building.	O	2017	\$500
	Design and build shelter gathering area near the washroom building.	C	2017	Design and permitting: \$10,000  Construction: \$30,000
<b>Middle Lake</b>	Install fishing float/dock.	C	2017	\$14,000 for a Poralu floating dock.
	Consider designing and building a shelter or gathering area.	C	2020	Design and permitting: \$8,000  Construction: \$25,000
	Consider installing a secondary washroom (concrete pump out) near trailhead at Nanaimo Lakes parking lot.	C	2020	\$12,000
	Restore the muddy area near the bridge with groundcover or grass.	O	2017	\$500
	Work to separate fishing-swimming/dogs/ to improve conflict zones.	O	2017	Through clear signage and installation of the fishing float.
	Install picnic tables near the bridge.	O	2017	\$3000 for 2
<b>General Park Improvements</b>	Add more garbage cans at places along the trails (especially in dog loop and at picnic areas).	O	2016	\$5,000
	Install more benches along stopping areas.	O	2017	\$9000 for 6

<b>General Park Improvements (continued)</b>	Reduce sign clutter (i.e.) consolidate signage in clustered locations.	O	2017	\$5,000
	Install more dog rule signs at both the lower and upper dams to clarify rules and expectations.	O	2016	\$1500
	Add directional signage and mark accessible trails with clear signs.	O	2017	\$2500
	Install a public notice or poster board at both trail heads.	O	2017	\$2500
	Involve community partners like the CDPPS, HNA, Nanaimo Horticulture Society, and others, in park restoration projects.	O	2016 and ongoing	Low cost
	Plant tree seedlings grown from tree seeds harvested during the spillway construction (doug fir and red cedar).	O	2017 and ongoing	\$500
<b>Community Involvement and Park Restoration</b>	Encourage more park ambassadors to volunteer in the park.	O	Fall 2016	\$1500
	Plant along sides of new trail/road to convert back to trail.	O	2016 fall	\$2500
	Restore forest understory where trampling is occurring through plantings and fenced areas (split rail fences) with interpretive info.	O	2017	\$12500

<b>Community Involvement and Park Restoration (continued)</b>	Encourage invasive plant removal and restoration projects (i.e. Harewood Creek area adjacent to spillway).	O	Fall 2016 and ongoing	\$5000
	Create long-term invasive plant and stewardship strategy community.	O	2017 and ongoing	\$5,000
	Install functional art in the Park (i.e. benches).	O	2017	\$2000
<b>Public Art</b>	Paint mural or grow living walls on the exposed concrete walls of the new spillway (subject matter suggestions include a historic tramway, Colly image, nature scene etc). Mural to be graffiti sealed after application.	C	2017	\$40,000
	Update washroom building with interior with mural or community paint-out.	O	2016	\$500
<b>Interpretive Signs</b>	Create interpretive signage that explains about the Park's unique features, native plants, traditional uses, Park history, and the spillway area and restoration planting.	O	2016 summer (underway)	\$750 per sign and approx 15 signs

<b>Existing Washroom Building and Special Events</b>	Install power on the exterior of the washroom building to facilitate events.	O	2016 Summer (underway)	\$2500
	Encourage more park programming, special events, and nature talks.  Consider hosting “paint outs,” “draw ins,” and other events at the Park.	O	2017	\$2500
	Create a community storage area in the washroom building (separate room).	O	2017	\$6000
	Interior improvements for washroom (painting, floor, drains and lights).	O	2017	\$5,000
<b>Trails</b>	Work on improving trail accessibility and accessible signage where possible (i.e. lower lake near the washrooms and water access stairs).	O	2018	\$10000
	Resurface trails in some areas where drainage issues occur.	O	2018	\$10,000
	Improve the trail over the water line between upper and lower dam.	O	2018	\$5000
	Consider a secondary off-leash trail connecting the lower parking lot to the middle dam loop.	O	2017	\$1000
	Consider adding handrails on existing stairs	O	2018	\$4000