



KP Park

Summary Report 2021





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REPORT UPDATED	January 27, 2022 By Devon Moore & Jenna Hagarty
SITE ID	KP Park
LOCATION	11U 480000 5449280 Southeast corner of 2 nd St. and Sayward Ave. in Salmo
LANDOWNER	Village of Salmo
LANDOWNER CONTACT	City of Salmo: Anne Williams: cao@salmo.ca Project Partner: Gerry Nellestijn: gerry@streamkeepers.bc.ca
ORGANIZATION NAME	BCWF Wetlands Workforce
POD NAME	Kootenay Pod
CREW LEADS	Adam Mjolsness, Devon Moore
CREW TECHNICIANS	Jenna Hagarty, Erin Richan, Alex Leffelaar
SITE VISITS	(7 visits) Mar 28, May 27, Jun 22, Jul 14, Aug 26, Oct 12, Nov 25
PEOPLE HOURS	60

General Wetland Information

Construction Year	2013
Wetland Shape	Ellipse
Wetland Size	1230 m ²
Biogeoclimatic Zone	West Kootenay Dry Warm Interior Cedar – Hemlock (ICHdw1)
Wetland Type	Shallow Open Water
Construction Method	Surface Water and Groundwater Dam Technique (Storm water outlet)
Hydrology	Fluctuating
Site Condition Summary	Public access park adjacent to residential roadway. Riparian area has well-established vegetative cover, with some instances of invasive species. Additional invasive species occur in adjacent areas. Well used by domestic animals.

KP Park 2021 Site Activity Summary



- Wildlife Camera
- Hydrometer
- Invasive Treatment
- Planting
- Invasive Species Management

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Site Maintenance

Vegetation Management

Objective	Reduce presence of burdock within wetland margin. Remove slough sedge from wetland perimeter. Remove undesirable plant species from adjacent areas to reduce seed bank.
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Reference ID	Polygon 1
Species	Great burdock (<i>Arctium lappa</i>)
Management Style	Root digging
Distribution Code	7 – Continuous uniform / well-spaced individuals (street) 4 – Several sporadic individuals (forest)
Location Description	Around west, north and east sides of wetland, densest population adjacent to street
Date Treated	May 27, Jun 22, Aug 26, Oct 12
Area Managed	200 m ²

Reference ID	Point A
Species	Slough sedge (<i>Carex obnupta</i>)
Management Style	Root digging
Distribution	1 - Rare
Location Description	At wetland edge
Date Treated	May 27
Area Managed	<1 m ²

Reference ID	Polygon 2
Species	Great burdock (<i>Arctium lappa</i>), Spotted knapweed (<i>Centaurea stoebe</i>), Common tansy (<i>Tanacetum vulgare</i>)
Management Style	Root digging
Distribution	7 – Continuous well-spaced individuals (burdock & knapweed) 5 – A few patches or clumps (tansy)
Location Description	South edge of wetland as well as roadside and parking area adjacent to wetland (seed bank)
Date Treated	Jun 22, Aug 26
Area Managed	370 m ²



Reference ID	<i>Polygon 1</i>
Species	Curly dock (<i>Rumex crispus</i>)
Management Style	Trimming (seed heads)
Distribution Code	2 – A few sporadic individuals
Location Description	West side of wetland adjacent to street
Date Treated	Oct 12
Area Managed	200 m ²
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Total Area Managed	570 m²
Cumulative Area Managed	1740 m²

Planting

Objective	Introduce native plant species to wetland margins.
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Reference ID	Polygon 3	
Planting Location	Around wetted width of wetland	
Area Planted	290 m²	
Date Planted	May 27	
Seedling Source	Nupqu Native Plants, Cranbrook	
Distribution	Uniform, linear	
Density	0.05 stems/m²	
Species	Size	Quantity
Spike rush (<i>Eleocharis palustris</i>)	Plug	15
Total		15



Reference ID	Polygon 3	
Planting Location	Around wetted width of wetland	
Area Planted	290 m ²	
Date Planted	Oct 12	
Seedling Source	Nupqu Native Plants, Cranbrook	
Distribution	Uniform, linear	
Density	0.07 stems/m ²	
Species	Size	Quantity
Water sedge (<i>Carex aquatilis</i>)	Plug	10
Dagger-leaf rush (<i>Juncus ensifolius</i>)	Plug	10
Total		20
Total Graminoids Planted		35
Total Seedlings Planted		35
Total Area Planted		580 m ²

Debris Removal

Objective	Remove pollution from wetland area to improve habitat for wildlife. Maintain visual appeal and promote stewardship for public users.
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Debris Type	<i>Domestic garbage, litter</i>
Description	<i>From entire area surrounding wetland (~1050 m²)</i>
Quantity	<i>3 grocery bags</i>
Date of Removal	<i>Oct 12</i>



Site Monitoring

Wildlife

Objective	Monitor for local and at-risk wildlife in the wetland habitat.
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Birds

Surveys Conducted	<ul style="list-style-type: none"> • <i>Marsh Bird Monitoring Call Playback Survey</i> • <i>Wildlife Camera Monitoring Station</i> • <i>Incidental Species Sightings</i>
Species Observed	<ul style="list-style-type: none"> • American crow (<i>Corvus brachyrhynchos</i>) • Northern flicker (<i>Colaptes auratus</i>) • Steller's jay (<i>Cyanocitta stelleri</i>) • European starling (<i>Sturnus vulgaris</i>) • Pileated woodpecker (<i>Dryocopus pileatus</i>)

Mammals

Surveys Conducted	<ul style="list-style-type: none"> • <i>Wildlife Camera Monitoring Station</i> • <i>Incidental Species Sightings</i>
Species Observed	<ul style="list-style-type: none"> • Raccoon (<i>Procyon lotor</i>) • Striped skunk (<i>Mephitis mephitis</i>) • American black bear (<i>Ursus americanus</i>)



Hydrology

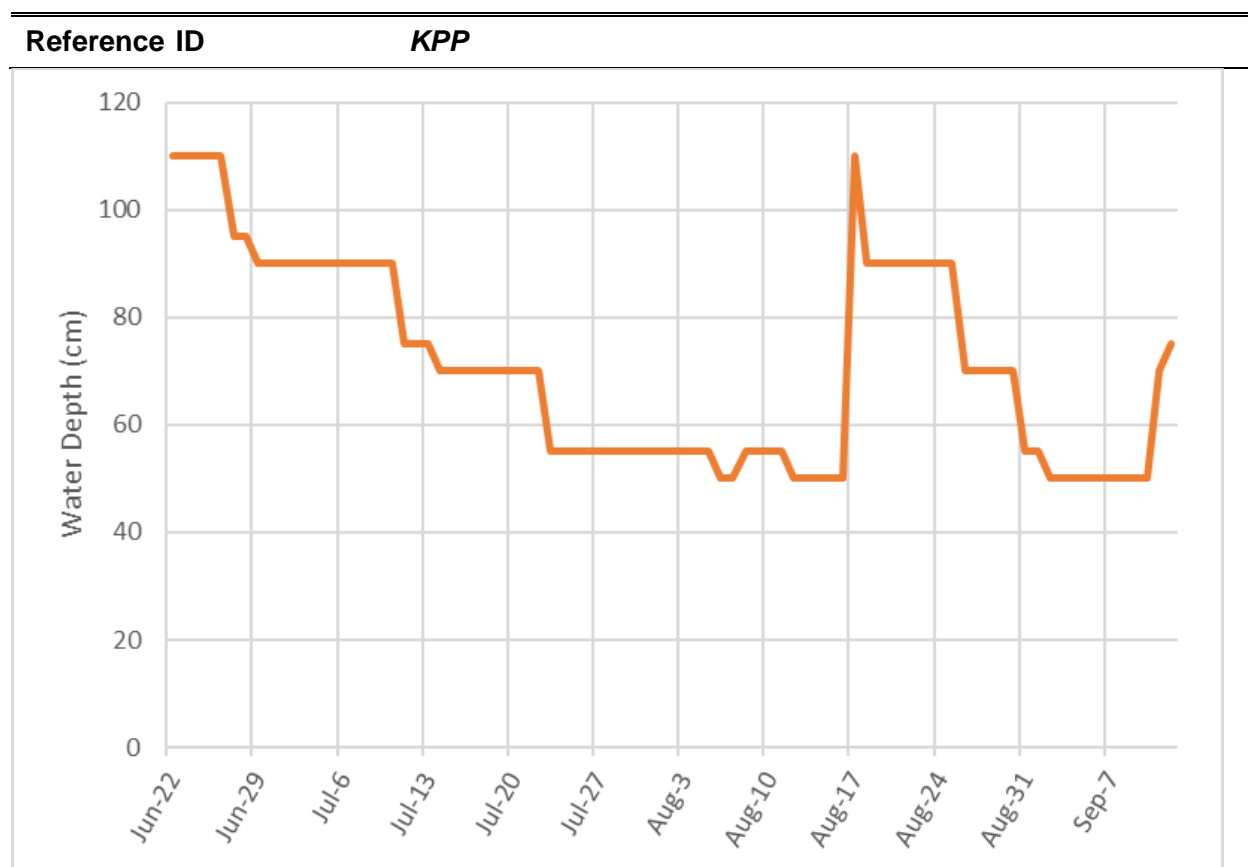


Figure 1: Water depth at KP Park monitoring station from June to September 2021.