


Lantzville Parks, Trails & Recreation Plan

Map 1: Protecting The Environment

Legend

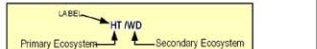
-  District of Lantzville Boundary
-  Well Site

SENSITIVE ECOSYSTEMS

-  CB - Coastal Bluff
Vegetated rocky islet, rocky shoreline/grassland, rocky shoreline/moss; coastal cliff
-  HT - Terrestrial Herbaceous
Natural grasslands or bryophyte-dominated vegetation, including rock outcrop/crossland and rock outcrop/moss types; >20% shrub
-  OF - Older Forest
Forest ecosystem with dominant age class >100 years; coniferous, mixed with broadleaf component >15%
-  OF - Cut or Altered Older Forest
Cut or altered subsequent to 2004
-  RI - Riparian
All stages of floodplain vegetation, including riparian vegetation associated with gullies.
-  SV - Sparsely Vegetated
Ecosystem with sparse vegetation; cliff, sand dune, spit
-  WD - Woodland
Open woodlands (stands of Garry oak and mixed stands of Garry oak/Arbutus, Garry oak/Douglas-fir, Arbutus/Douglas-fir)
-  WN - Wetland
Ecosystem with wet soil and moisture-dependent plants; bog, fen, marsh, swamp, shallow water, wet meadow.

Areas with General Biodiversity Values

-  FS - Seasonally Flooded Agricultural Field
-  SG - Second Growth Forest
Forested ecosystem with dominant age class 60-100 years; coniferous, mixed with broadleaf component >15%.



NOTE: The Sensitive Ecosystems Inventory of East Vancouver Island and Gulf Islands is a joint federal/provincial initiative of Environment Canada (Canadian Wildlife Service) and the BC Ministries of Sustainable Resource Management (Conservation Data Centre) and Water, Land and Air Protection, and the Habitat Conservation Trust Fund. SEI projects have also received support and funding from regional districts, local governments and industry.

SOURCE: Sensitive Ecosystems Inventory of East Vancouver Island & Gulf Islands - March 2004

WATERCOURSES

-  Lantzville Water Features
SOURCE: Ministry of Water, Land and Air Protection - 2004
-  Coast

-  Eagle Nest
SOURCE: Ministry of Water, Land and Air Protection - 2004

Biodiversity Corridors

-  Watersheds
-  Biodiversity Corridors

N



0 100 200 400 600 800 1,000 Meters

Revised: January 15, 2008

Lantzville Beaches

Our sand, cobble and rock beaches are home to a wide variety of marine plants and animals - from hermit crabs and masked limpets in the intertidal zone, to subtidal eel grass beds where herring, sandlance, salmon fry and flounder feed. Enjoy a walk along this marine nursery located at our doorstep.

Knarston Creek Watershed

This 4.6 km² watershed feeds Knarston Creek and provides habitat for Coho salmon and Coastal cut-throat trout below the Island Highway. Above the highway, Knarston Creek is inhabited by Coastal cut-throat trout as far upstream as Doumont Marsh. Summer flows are improved in Knarston Creek by the weir Ducks Unlimited has placed at the outlet of the Marsh.

Doumont Marsh

In 1995, an agreement was reached between Ducks Unlimited and the Doumont family to restore this former potato farm to a marsh that would support bird and fish habitat. Today, the marsh has become a major bird watching area, where over 1/2 of all the species identified in the Central Island area can be seen at various times of the year.

Heikkila Creek Watershed

Lantzville Foothills

The Foothills forests are mostly 50-75 year-old second growth stands, with some patches of older growth trees up to 200 years old. This dynamic forest ecosystem collects and filters water that feed our streams, wetlands and aquifers. Representative sites of several Sensitive Ecosystems that are rapidly disappearing from east Vancouver Island can be found in the Foothills. Black bear, Blacktail deer and cougar traverse these slopes, and over 50 km of trails - former log hauling routes - link the community to the forest.

Biodiversity Corridors

Biological diversity corridors, or habitat corridors, allow plants, animals, birds and insects to migrate a range of habitat areas they require during different life stages and seasons of the year. For example, salmon need clean, freshwater streams to spawn, hatch and grow to fry, estuaries to grow to juveniles and the ocean to reach adulthood. Biodiversity corridors allow natural populations to travel to interbreed, maintaining genetic diversity that is crucial to survival as a species.

Human-derived development can fragment these important corridors. Agriculture, forestry or urbanization can separate habitat patches, isolating populations from habitat areas and reducing the biological safeguards offered by genetic diversification. Biodiversity corridors need to be preserved to allow movement among habitats - and more than one corridor should be provided to ensure healthy, viable populations.

Bloods Creek Watershed

This 4.2 km² watershed feeds Bloods Creek, providing habitat for Coho salmon in the lower reaches below the Island Highway. The Lantzville Streamkeepers have been doing good work here to help restore the riparian vegetation and stream structure.

REGIONAL DISTRICT OF NANAIMO

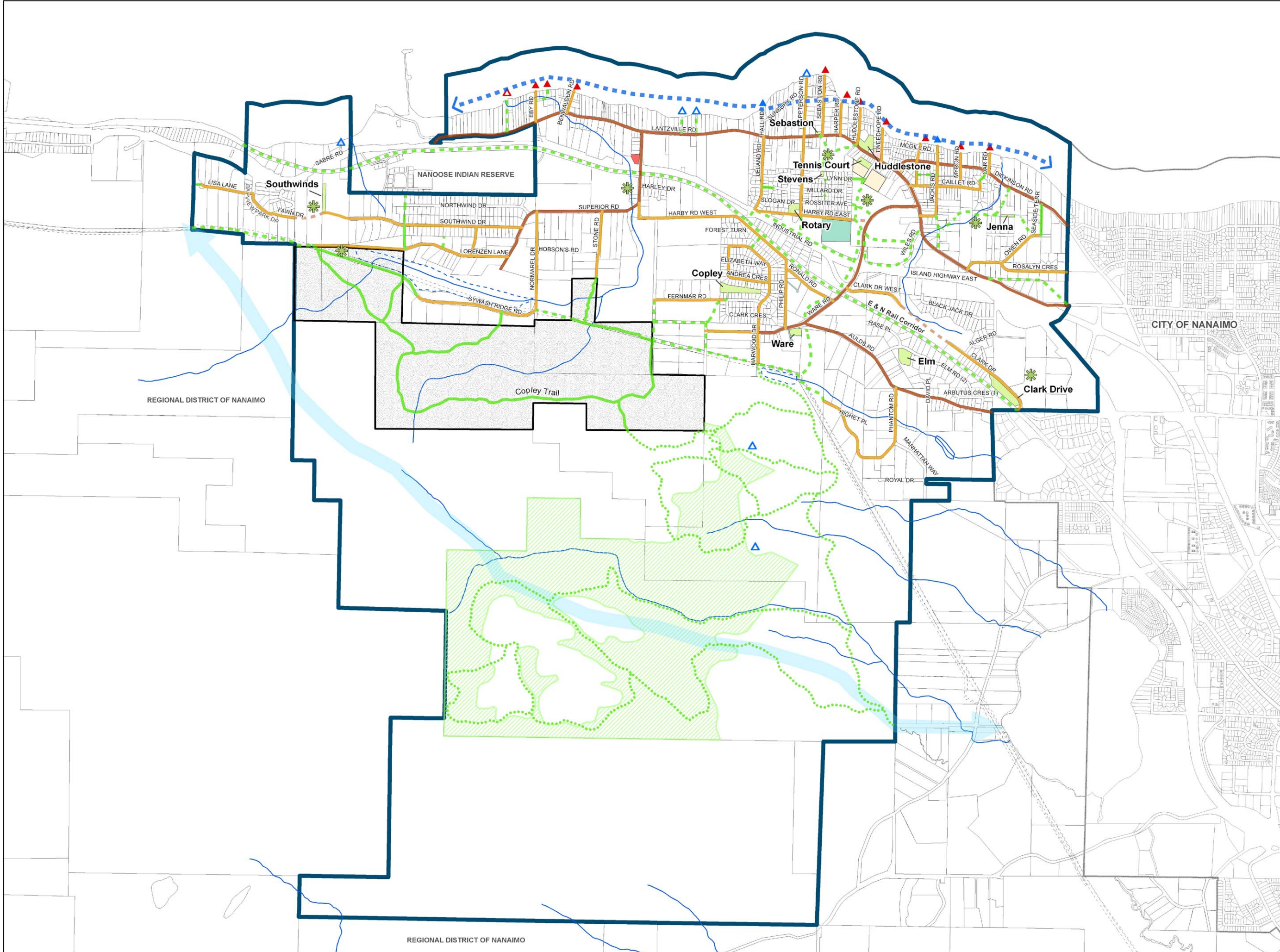
REGIONAL DISTRICT OF NANAIMO

CITY OF NANAIMO

NANOOSE INDIAN RESERVE

Lantzville Parks, Trails & Recreation Plan

Map 2: Parks, Trails and Beach Accesses



- Legend**
- District of Lantzville Boundary
 - Low Tide Walk
 - Major Road/Journeyway
 - Local Road/Journeyway
 - Proposed Road/Journeyway
 - Existing Informal Trail
 - Proposed Trail
- Schematic only to show possible future routes across private property, subject to property owners agreement
 - Foothills Trail
- Location subject to future Foothills park plan
 - ▲ Existing/Possible Beach Access
 - ▲ Existing/Possible Viewpoint
 - ✱ Proposed Park
- Location schematic only
 - Municipal Park
 - Municipal Hall
 - Municipal Water Supply & Storage System
 - Fire Hall
 - Schools
 - Costin Community Hall
 - RDN Regional Trail Concept
 - Foothills Parks Designation (approximation)
 - Woodlot 1435
 - Streams
 - Wetland Areas



Revised: January 15, 2008

Table 9-1: Lantzville Parks, Trails & Recreation Plan - Program Budget Estimate

"X" - denotes activity with no direct cost other than staff, Commission, etc. time.

All cost estimates are in 2007 dollars, and conceptual only. More accurate estimates are needed at time of project consideration.

Who	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Project total	% Other Source*	\$ Other Source*	\$ DOL budget	* Other Sources comments	
Environment																
1. Update the District's inventory of ESAs, watercourses and other natural features and reflect these updates in revisions to this Plan and the OCP.	PRC, staff	X		X		X		X		X	\$0		\$0	\$0		
2. Work with community organizations and volunteer groups to protect and promote stewardship of Lantzville's sensitive ecosystems.	PRC	X	X	X	X	X	X	X	X	X	\$0		\$0	\$0		
3. Ensure ongoing preservation and consider a future role for the Dumont Marsh in providing opportunities for wildlife viewing and education.	PRC		X	X	X	X					\$0		\$0	\$0		
4. Develop a strategy for preserving Lantzville's treed character.	Consultant					15,000					\$15,000	50%	\$7,500	\$7,500	Grant - e.g., Green City Awards, Green Municipal Funds	
Parks																
1. Implement improvements:																
Clark Drive - interpretive signage on Bloods Creek					2,000		2,000		2,000		\$6,000	80%	\$4,800	\$1,200	Park amenity as part of future development in area	
Copley Park - replace entrance sign						500					\$500		\$0	\$500		
Elm Park											\$0		\$0	\$0		
Huddleston Park - replace toilet (sanitary sewer project budget)			X								\$0		\$0	\$0		
Jenna											\$0		\$0	\$0		
Rotary - replace playground equipment						25,000					\$25,000	50%	\$12,500	\$12,500	Sponsorship, donation, volunteer labour	
Sebastion											\$0		\$0	\$0		
Southwind - benches				2,500			2,500				\$5,000	100%	\$5,000	\$0	Memorial bench program	
- trail links to Bayview Park Rd., E&N corridor trail.								24,000			\$24,000	50%	\$12,000	\$12,000	Approx 300m of 1 m chip trail @ \$80/m; 50% grant - e.g., Local Motion	
Stevens											\$0		\$0	\$0		
Tennis Court (see #3)											\$0		\$0	\$0		
Ware											\$0		\$0	\$0		
2. Review sites of interest for future parks and their potential means of acquisition.	PRC and staff		X		X	X		X		X	\$0		\$0	\$0		
3. Examine and trial-run a "Volunteers in Parks" (VIP) program.				X	X	X	X	X	X	X	\$0		\$0	\$0		
4. Determine the best use of the tennis court - upgrade, other use or divest property - including users' survey and cost/benefit analysis.	Hire university student					2,500					\$2,500		\$0	\$2,500		
Trails, Greenways and Journeys																
1. Develop and implement a trails and journeyway improvement strategy.		X	50,000	X	50,000	X	X	50,000	X	X	X	\$150,000	50%	\$75,000	\$75,000	Grant
2. Assist in establishing trail along E&N corridor.	Staff, PRC with ICF	X	X	X	X	X	X	X	X	X	\$0		\$0	\$0		
3. Review and refine standards for trails.	Consultant		5,000								\$5,000		\$0	\$5,000		
4. Review options and develop a plan for a direct trail connection between Upper Lantzville and Village core.	Consultant, PRC			20,000							\$20,000	50%	\$10,000	\$10,000	Grant	
Waterfront																
1. Establish a Beach Committee.	PRC	X									\$0		\$0	\$0		
2. Inform residents of ways of enhancing the natural character of the waterfront while protecting their private property.	Beach Committee with other agencies	2,000	2,000	2,000							\$6,000		\$0	\$6,000		
3. Develop a waterfront access design plan.	Consultant		X	25,000							\$25,000		\$0	\$25,000		
4. Initiate a waterfront rehabilitation 'plot' project	Consultant					5,000					\$5,000		\$0	\$5,000		
4. Develop and coordinate an 'adopt a beach access' program.	Beach Committee			X	X	X	X	X	X	X						
Waterfront Accesses' improvements in Table 5-1 (annual average budget).	staff	500	500	500	500	500	500	500	500	500	\$5,000		\$0	\$5,000		

