

Wetland Summary Table

Report Prepared by: Joanne Ellefson, Comox Valley Project Watershed Society

Date of Report: January 25, 2003

Survey Summary

Stream Gazette Name: Morrison Creek **Alias:** Morrison Creek

Watershed Code: – 920-553200-94200-04800-0000-0000-000-000-000-000-000

Map locations: 92F065

Start Date of Survey: October 2002 **End Date of Survey:** March 2003

Stream Length Surveyed:

Creek Name: Morrison Creek

General Location: South of Courtenay, Vancouver Island, BC

Agency: Comox Valley Project Watershed Society
Box 3007, Courtenay, BC V9N 5N3 (250)-339-1619

Data Manager: Joanne Ellefson & Don Chamberlain

Manager Qualifications: Don Chamberlain is a RIC certified data manager & GPS operator

Mapping Crew: Joanne Ellefson, Rene Lanoix, Michele Jones

Crew Qualifications: 1 member RIC certified GPS operator, Environmental Assessment Technologist. Five years of GPS mapping & habitat survey experience, Three years GIS. Michele Jones MSc Botanist, owner/operator of Mimulus Biological Consultants

GPS receiver used: Trimble Pro XR

GPS reference stations: **Site name:** PORT HARDY ID code: HOLB Geodetic station no: 927005 Location: PORT HARDY, BC

Target accuracy: 5.0 m at 95% confidence

GPS software used (Name, Version): Asset **Surveyor v4.01 & v4.04**

GIS software used (Name, Version): ArcView 3.2a

Mapping start point (UTM Zone/Easting/Northing): N/A

Mapping end points (UTM Zone/Easting/Northing): N/A

Mainstem fully mapped (Y/N): Yes

If No, why not:

All tributaries entry points mapped (Y/N): Yes

If No, why not:

All tributaries fully mapped (Y/N): Yes

If No, why not:

Explain any gaps in continuity of stream line work (e.g., stream subterranean, landowner difficulties, etc.):

Date mapping completed: March 2003

SHIM Field Manual Version: June **2001**

SHIM Data Dictionary Version: December 2002

Standard SHIM QA/QC protocols followed (Y/N): Yes.

Data was real time collected, using the Canadian Coast Guard Beacon. Field data was entered directly into Pathfinder data logger. This data was then transferred to Pathfinder Office & checked for accuracy & correction status. Rinex & navigation files were downloaded from the Geodetic Survey of Canada's base station in Holberg. (Base station description located on accompanying disk). Differential correction was conducted in Pathfinder Office & the corrected data was converted to shape files & exported to ArcView GIS. Line interpretation was conducted utilizing the SHIM interpolate extension.

If No, describe deviations in protocol:

Comments:

Wetland perimeters were determined using ortho photograph interpretation and field collected GPS line data. The biologist would take field notes and conduct inventory and the GPS operator would walk, where possible, the perimeter of the wetland. Final polygons were determined in the office by the biologist and GPS operator. Field data was viewed in ArcView using 2002 ortho photos as a basis for establishing wetland outlines.