



Cortes Island School Wetland Restoration Project Community Information Document

Students investigating the Quadra
Elementary School Wetland, April 30th 2024

What is the Project?

- The Cortes Island School Wetland Restoration Project aims to **restore historical wetlands** and **improve drainage** to the Cortes Island School field
- Construction is proposed to take place in **July 2025**
- The project was designed by Miranda Cross (RPBio, Rewilding Water and Earth Inc), Robin Annschild (Rewilding Water and Earth Inc) and Thomas R. Biebighauser (Wetland Restoration and Training LLC).

What are the benefits of this project?

Reducing flooding in the school field

- The wetland would mitigate seasonal flooding in the school field by improving drainage, making the field more use-able for activities

Experiential learning opportunities

- The wetland will be safe for students to explore, and will provide opportunities for nature-based, experiential learning in a unique environment
- The wetland would be built shallow (less than 50cm deep in the centre) with gradual slopes. The deepest water is in the middle of the wetland, and here it is only up to the knees on children

Disaster risk reduction - Climate adaptation and resilience

- The wetland will mitigate impacts from disasters such as drought, extreme heat, flooding, and wildfires

Invasive species and species at risk

- Invasive species will be managed as part of routine monitoring and maintenance
- The wetland would create habitat for species at risk such as the northern red-legged frog, barn swallow and wandering salamander

Contacts

Miranda Cross, Rewilding Water and Earth
miranda@rewildingwater.ca

Michael Datura, Cortes Island School
michael.datura@sd72.bc.ca

CORTES ISLAND SCHOOL
950 BEASLEY RD
SCHOOL DISTRICT 72

PROPOSED WETLAND RESTORATION DESIGN PLAN

LEGEND

PROPOSED FEATURES

- WETLAND RESTORATION (1350 sqm)
- LINER WETLAND (444 sqm)
- SOIL PLACEMENT & RIPARIAN VEGETATION (approx. 1350 sqm)
- ACCESS/GATHERING AREAS
- VERTICAL GRADE CONTROL
- ACCESS ROUTES
- FIELD IMPROVED FROM DITCH REPAIR

EXISTING FEATURES

- DRAIN LINES
- SEPTIC
- DITCHES
- SCHOOL TO SEA TRAIL
- PROPERTY PARCELS

▲ FLOW DIRECTION

0 25 50 75 100 m

Rewilding Water & Earth Inc.

February 14, 2025

BC Albers NAD 83 projection, Base Map: Google Satellite