

Soil bioengineering. Practical restoration support.

For engineering firms, prime contractors and project teams working on disturbed land across British Columbia.

ASSESSMENT THROUGH IMPLEMENTATION

PES helps match restoration methods to the site: surface conditions, water, soils, access, plant material and establishment care. Work can include assessment, treatment selection, specifications, installation or field direction, crew training and monitoring, with the scope agreed for each project.

Where PES can contribute

Eroding slopes and disturbed surfaces
Mine and industrial reclamation
Streambanks and riparian areas
Shorelines and linear corridors

Methods matched to conditions

Rough-and-loose preparation, live staking, wattle fencing, modified brush layers and native planting, used in suitable combinations with drainage and other protection where required.

A clear project interface

Assess: identify recovery barriers and information gaps.

Plan: agree treatments, access, season, materials and responsibilities.

Deliver: coordinate field work or crew support within the agreed scope.

Follow: document establishment and plan maintenance or adjustments.

Agree engineering, geotechnical, hydrological, permitting and safety responsibilities before work. Living treatments alone do not resolve deep instability, major scour or every runoff problem.

FIELD EVIDENCE AND PRACTICAL LEARNING

Explore the documented [Brenda Mine field record](#), the [methods library](#) and [courses and crew training](#). PES draws on David F. Polster's published writing and historical field records. Site-specific observations are references for assessment, not performance guarantees for another project.

Discuss a project with Nathan Polster

Send your location, project stage, photos available, timing and the support you need.

info@polsterenvironmental.com | polsterenvironmental.com/restoration-for-organizations/