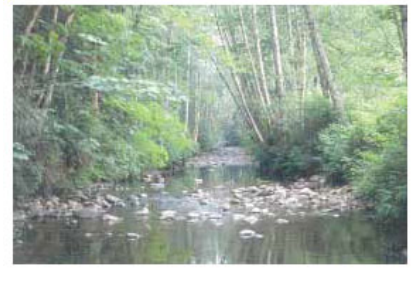


Bowen Island- Surface Water Protection Areas

Riparian Zones



Management Recommendations

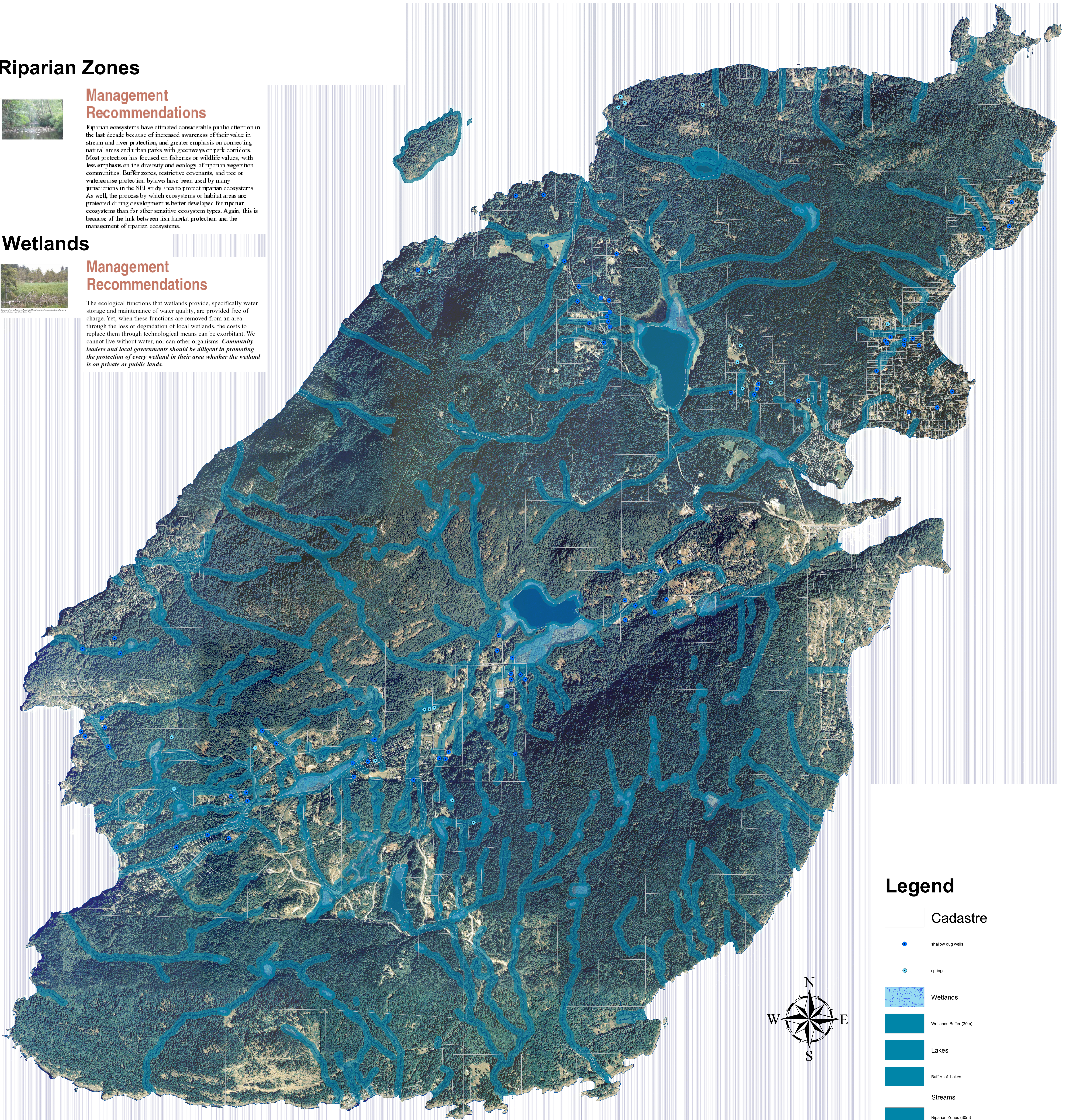
Riparian ecosystems have attracted considerable public attention in the last decade because of increased awareness of their value in stream and river protection, and greater emphasis on connecting natural areas and urban parks with greenways or park corridors. Most protection has focused on fisheries or wildlife values, with less emphasis on the diversity and ecology of riparian vegetation communities. Buffer zones, restrictive covenants, and tree or watercourse protection bylaws have been used by many jurisdictions in the SEI study area to protect riparian ecosystems. As well, the process by which ecosystems or habitat areas are protected during development is better developed for riparian ecosystems than for other sensitive ecosystem types. Again, this is because of the link between fish habitat protection and the management of riparian ecosystems.

Wetlands



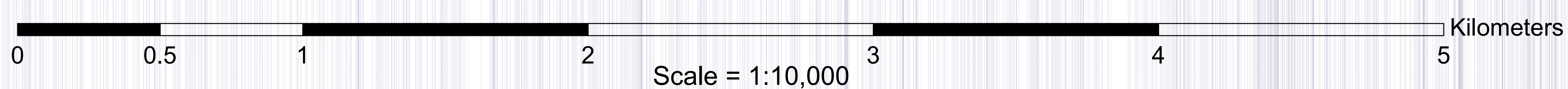
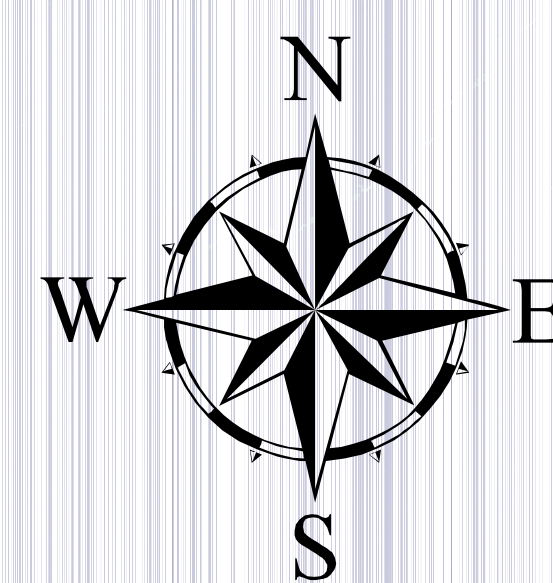
Management Recommendations

The ecological functions that wetlands provide, specifically water storage and maintenance of water quality, are provided free of charge. Yet, when these functions are removed from an area through the loss or degradation of local wetlands, the costs to replace them through technological means can be exorbitant. We cannot live without water, nor can other organisms. *Community leaders and local governments should be diligent in promoting the protection of every wetland in their area whether the wetland is on private or public lands.*



Legend

- Cadastre
- shallow dug wells
- springs
- Wetlands
- Wetlands Buffer (30m)
- Lakes
- Buffer_of_Lakes
- Streams
- Riparian Zones (30m)



Note: Riparian Zone areas have been updated with results of GPS mapping for Bowen Island