

EXISTING CONDITIONS

The study area shows clear signs of long-term human use, both past and ongoing. These activities have steadily changed the land, putting stress on natural systems and reducing the area's ability to support healthy ecosystems.

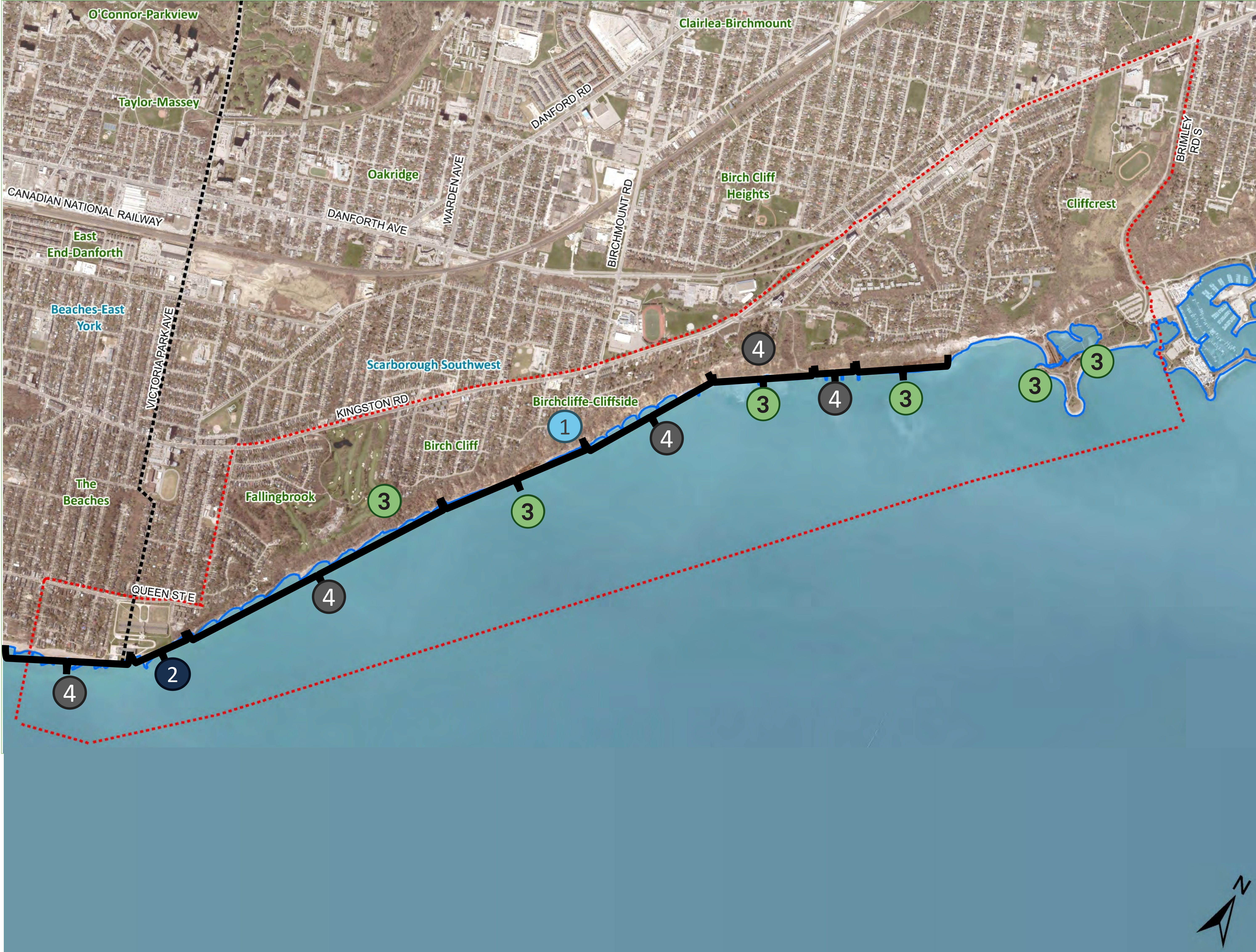


- Unmanaged human access has damaged the landscape:
 - Informal trails cut through sensitive areas
 - Unmanaged entry points disturb soils and plants
 - Garbage and litter degrade both habitat quality and public experience

- Wildlife in the area are mainly species that tolerate people – adapted to noise, movement, and nearby development
- Plant communities are heavily altered and dominated by invasive species, such as dog-strangling vine and phragmites
- Fish and shoreline habitat has been reshaped by earlier human activities (e.g., stonehooking and early shoreline works)
- Future pressure on the area will increase with intensified development along Kingston Road

- There is no continuous, designated bikeway through the Project site
- Shoreline access is limited and poorly connected to transit, walking routes, cycling routes, and parking
- Tableland parks have limited programming and few facilities
- No marine archaeological resources have been identified

EXISTING COASTAL CONDITIONS – PROTECTED SHORELINE



1 Sheet Pile Wall



A metal or vinyl structure that uses interlocking edges to create a continuous wall parallel to the shore.

2 Concrete Seawall



A concrete structure used to protect inland areas from wave action and prevent coastal erosion.

3 Armourstone Revetment



Sloped or unsloped structure built parallel to the shore, made of an impact resistant material. Armourstone is broken quarried rock often used in coastal engineering.

4 Groyne System



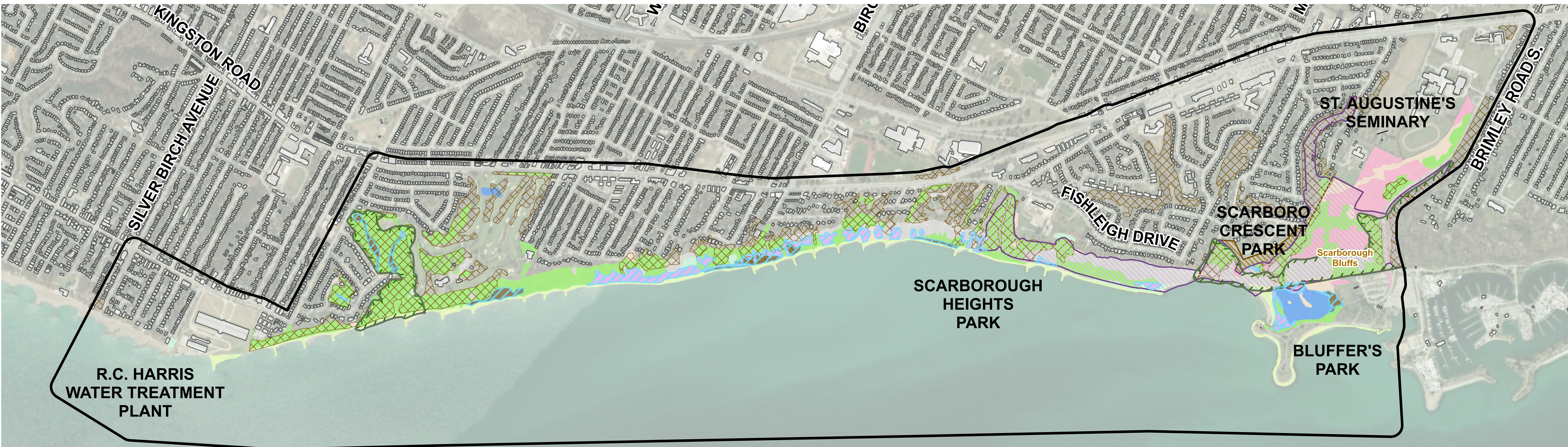
A low wall of armourstone or other material extending out into the lake. A series of groynes act together to create and protect shoreline.

The natural shoreline has been almost entirely eliminated from the study area, only 6% remains. The overwhelming 94% has been fundamentally altered with shoreline erosion protection works.

Formal access to and along the shoreline in this area is limited and inaccessible for many users, including Emergency Services.

EXISTING CONDITIONS – NATURAL HERITAGE

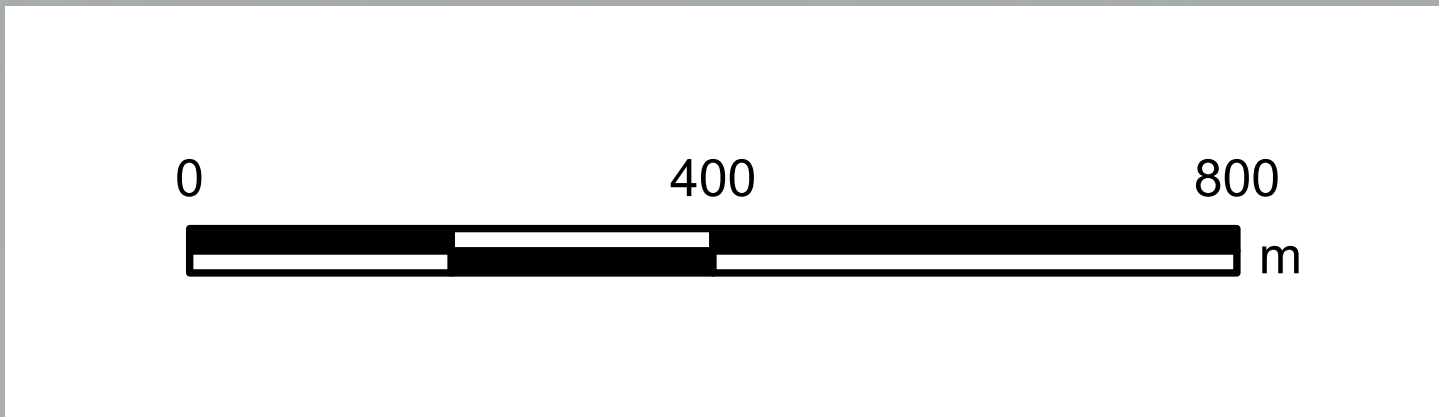
The varied topography of the area results in a variety of habitat types including: bluff, wetland, beach, forest, meadow and coastal habitats. A variety of fish and wildlife species have been recorded during TRCA surveys. A sample of species is listed below.



Lake Ontario

NATURAL HERITAGE

<ul style="list-style-type: none"> Study Area ANSI, Earth Science ANSI, Life Science Environmentally Significant Area 	<p>Ecological Land Classification</p> <ul style="list-style-type: none"> Unevaluated Wetland Wooded Area Aquatic Beach Bluff 	<ul style="list-style-type: none"> Forest Marsh Meadow Savannah Swamp Thicket
---	---	---



Fish Species

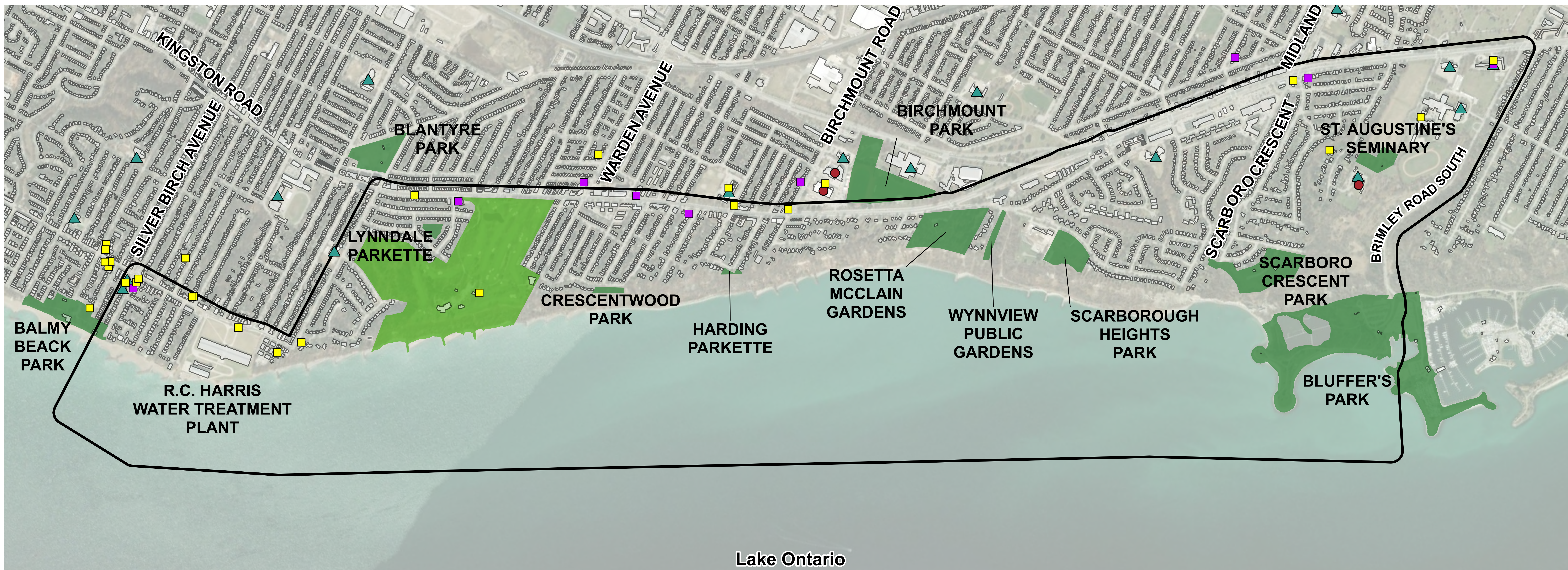
31 fish species recorded during surveys including:
Atlantic salmon, brown trout, Chinook salmon, lake whitefish, largemouth bass, longnose dace, northern pike & rainbow trout



Wildlife Species

79 species recorded during surveys including:
bank swallow, chimney swift, downy woodpecker, northern flicker, green frog, eastern red-backed salamander, Dekay's brown snake, Midland painted turtle, eastern chipmunk, red fox, white-tailed deer & mink

EXISTING CONDITIONS – SOCIO-ECONOMIC / CULTURAL HERITAGE



SOCIO-ECONOMIC / CULTURAL HERITAGE



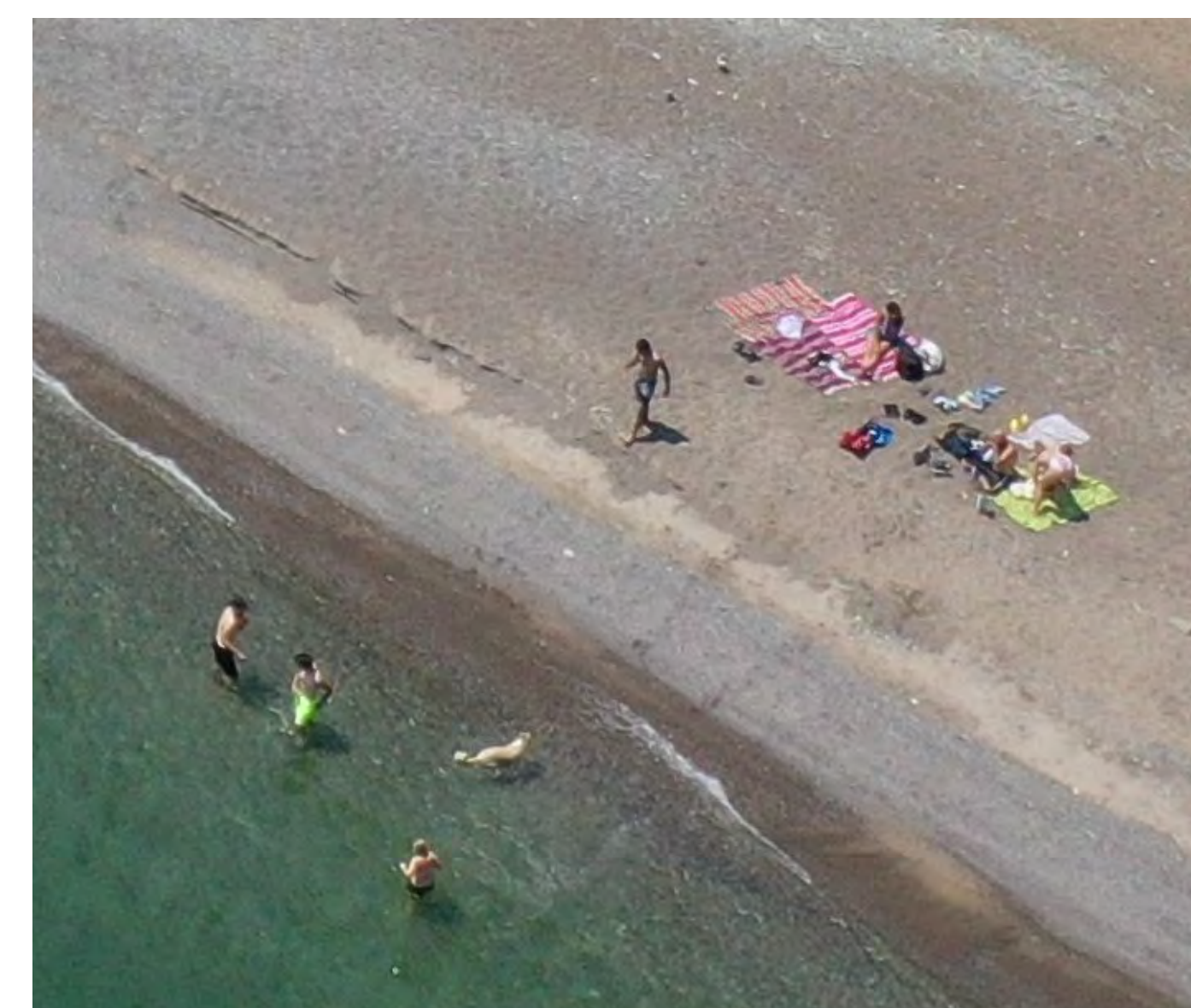
R.C. Harris Water Treatment Plant



Walking, jogging, biking and visiting the beach



The Toronto Hunt Club



Swimming, paddling, surfing, and picnicking

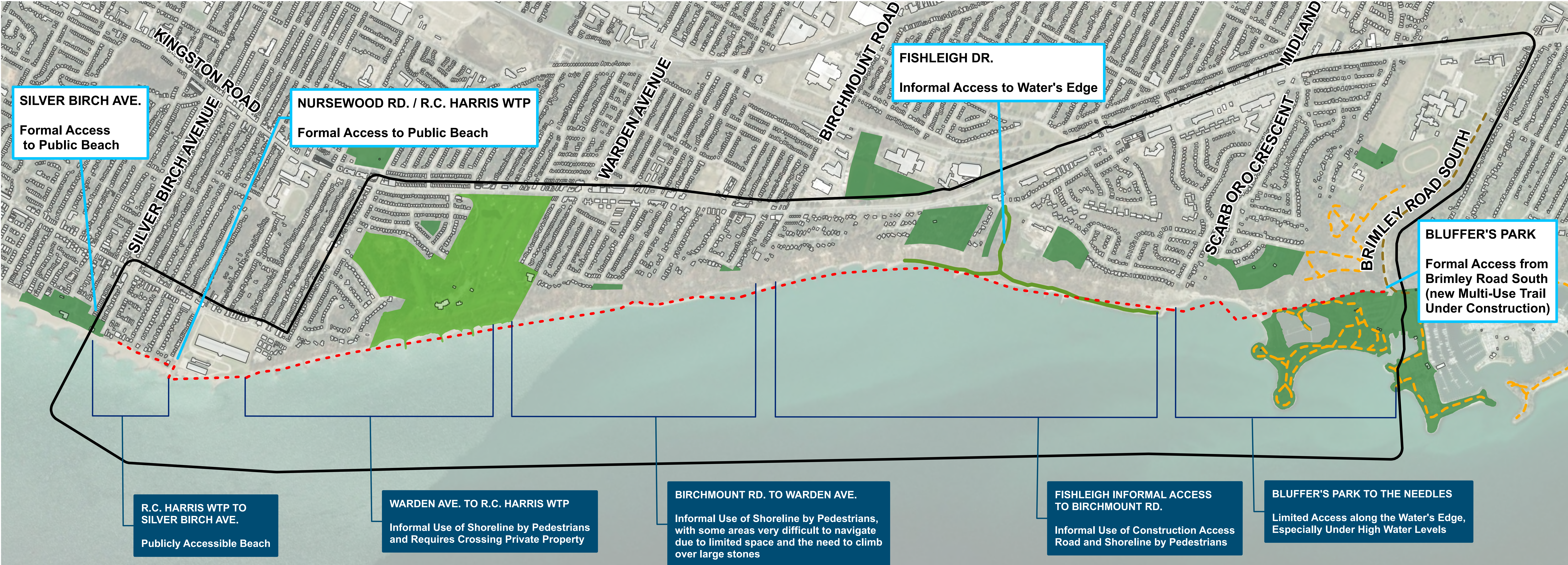


Rosetta McClain Gardens



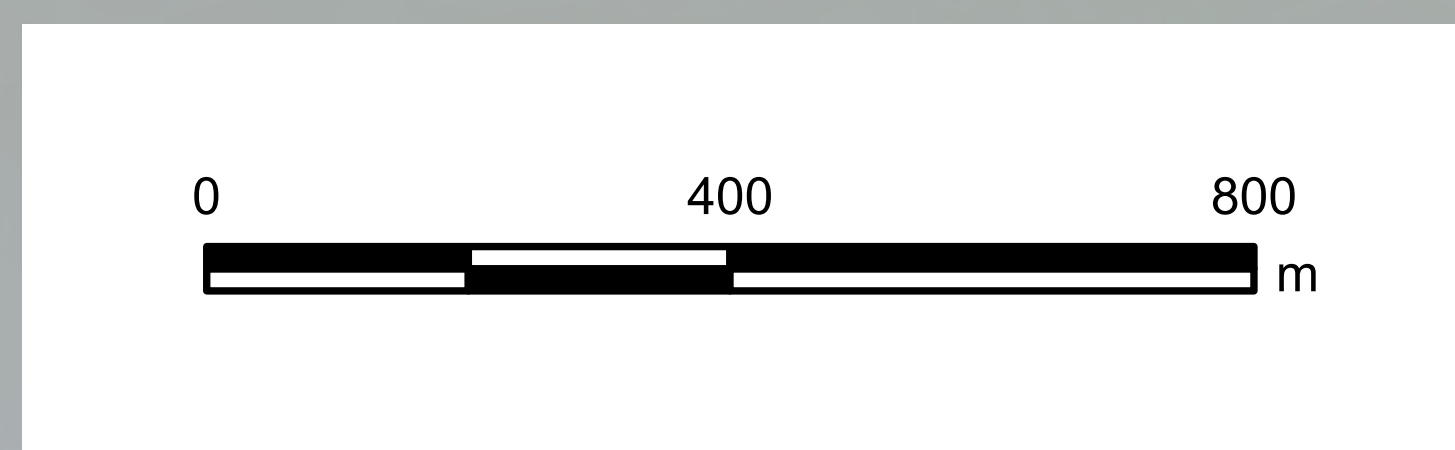
Boating and fishing

EXISTING CONDITIONS - SAFETY & ACCESS

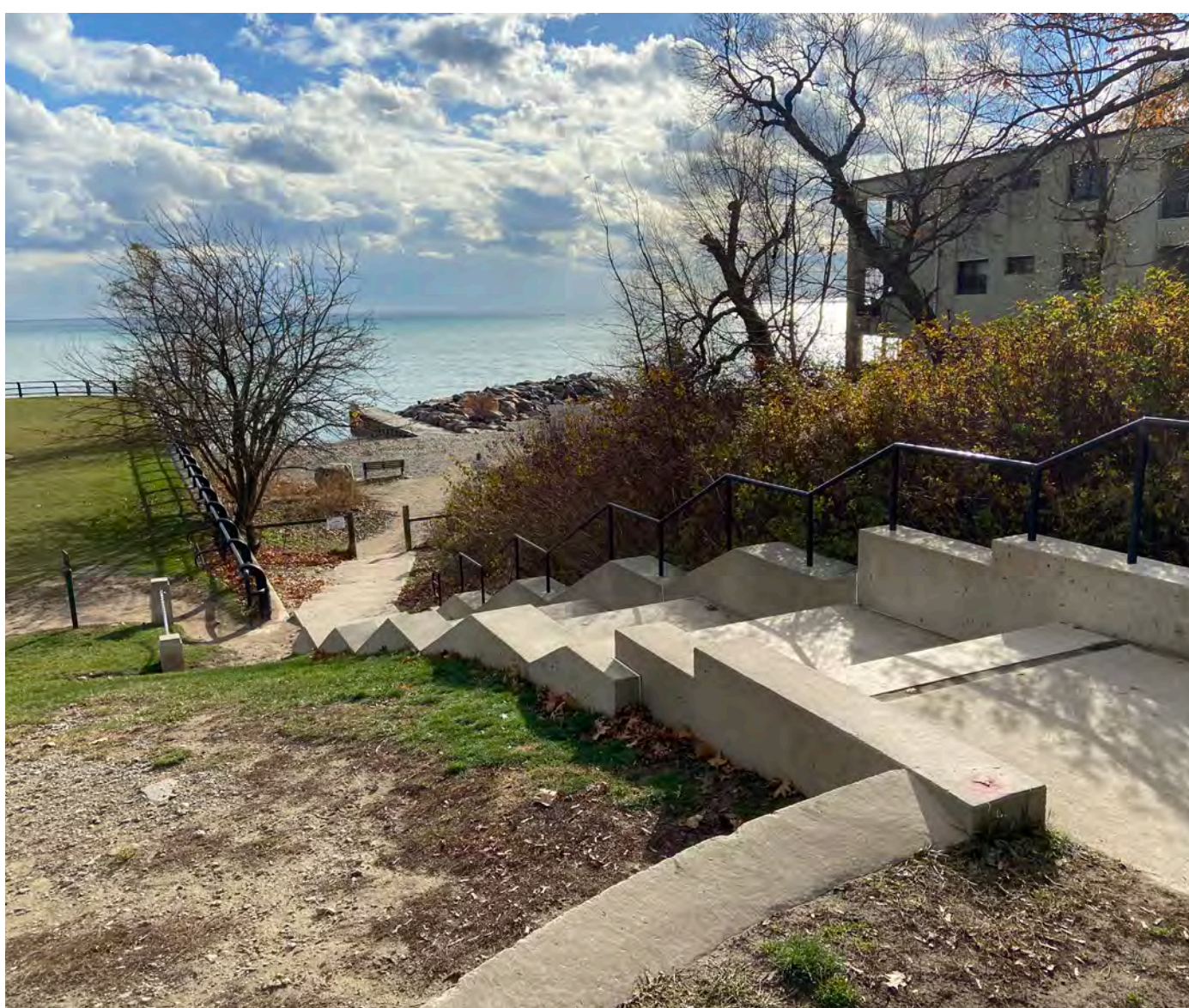


SAFETY AND ACCESS

- Study Area
- Shore Risk Line
- Proposed Brimley Road Trail
- Fishleigh Informal Access
- Trail (Existing)
- Park
- Toronto Hunt Club (Golf Course)



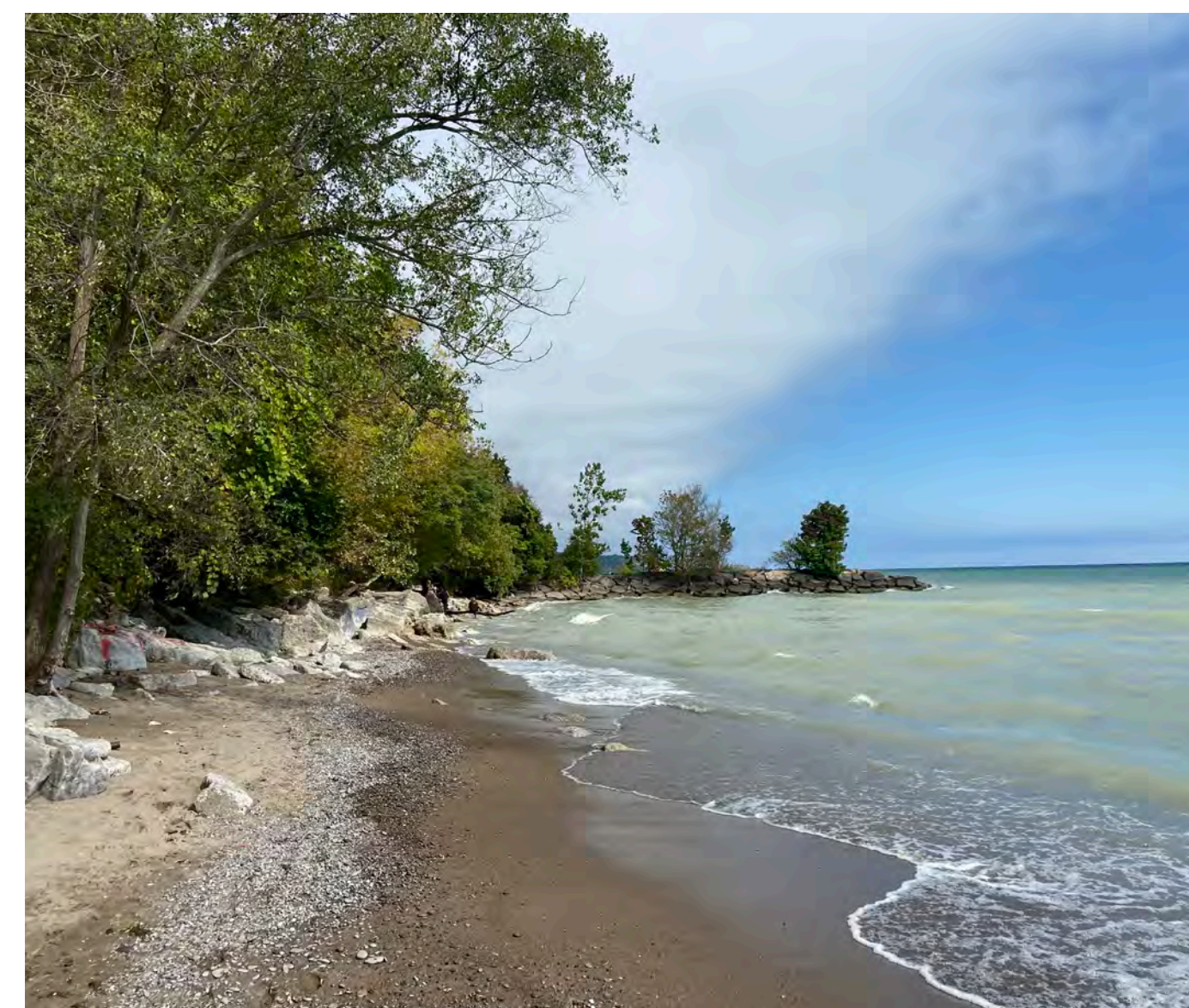
Silver Birch Ave. Access



Nursewood Rd. / RC Harris Water Treatment Plant Access



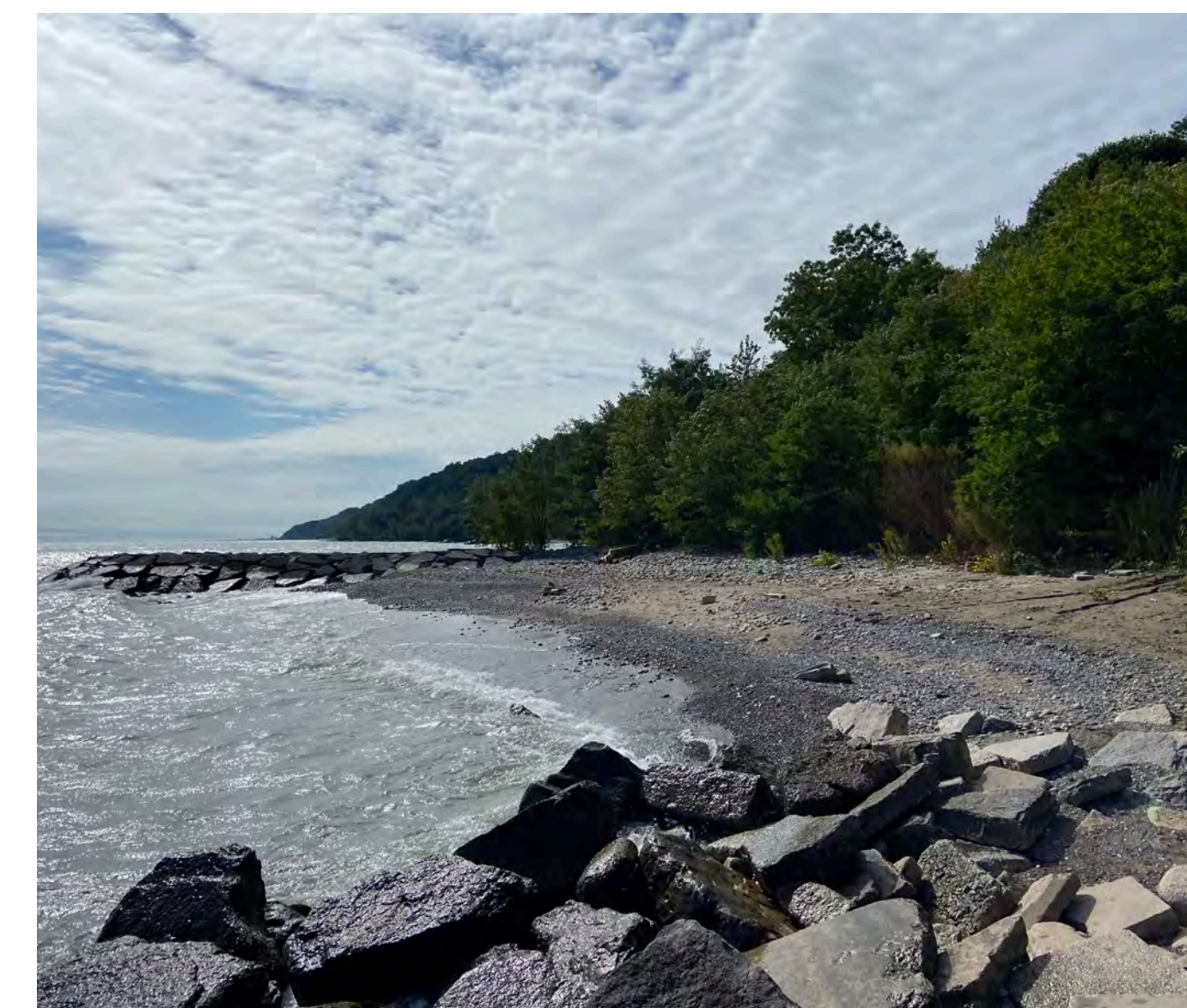
Fishleigh Dr. Access



Warden Ave. to RC Harris Water Treatment Plant



Birchmount Rd. to Warden Ave.



Fishleigh Informal Access to Birchmount Rd.