

# Prospect Lake Riparian Restoration

Green Shores Project – 5009 Prospect Lake Road  
Gold – 52 points

Owners: Fred & Cathy Haynes  
RPBio: Lehna Malmkvist

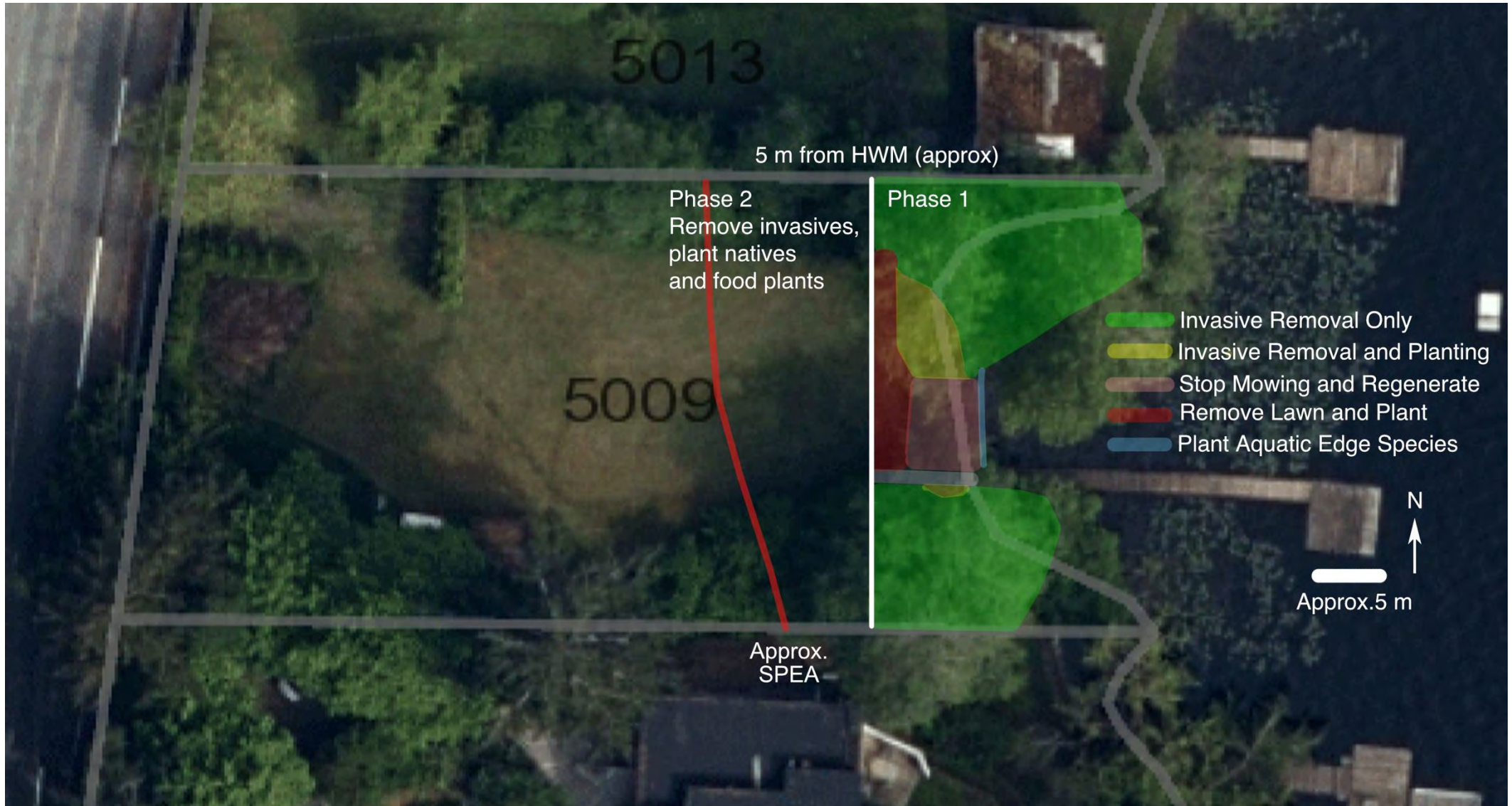




2002



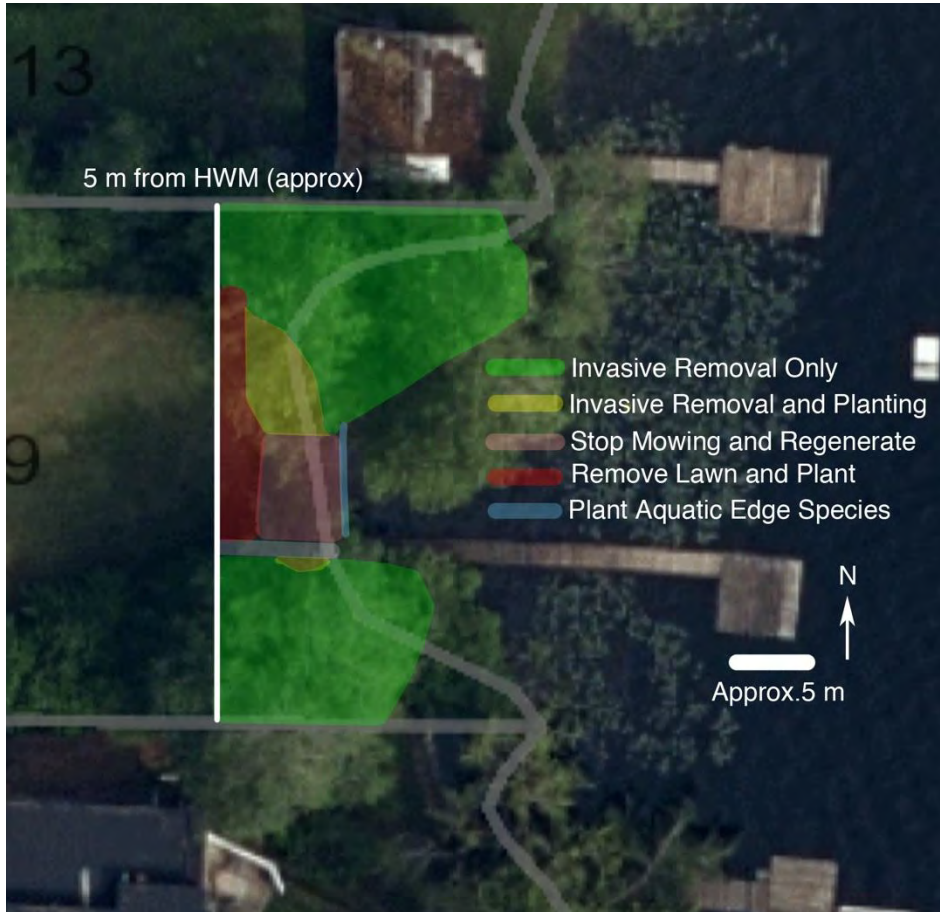
2002



# Restoration Plan

- 0.11 ha total lot area / 32m shoreline
- Balance ecology and use of the property
- Remove part of the lawn
- Remove invasive species and lawn:
  - English ivy, reed canarygrass, Himalayan blackberry, creeping buttercup, etc.
- Densely native species plantings in various zones:
  - shrubs
  - shoreline species
  - perennials
  - groundcovers
- Habitat boxes
  - Birds, bats, mason bees

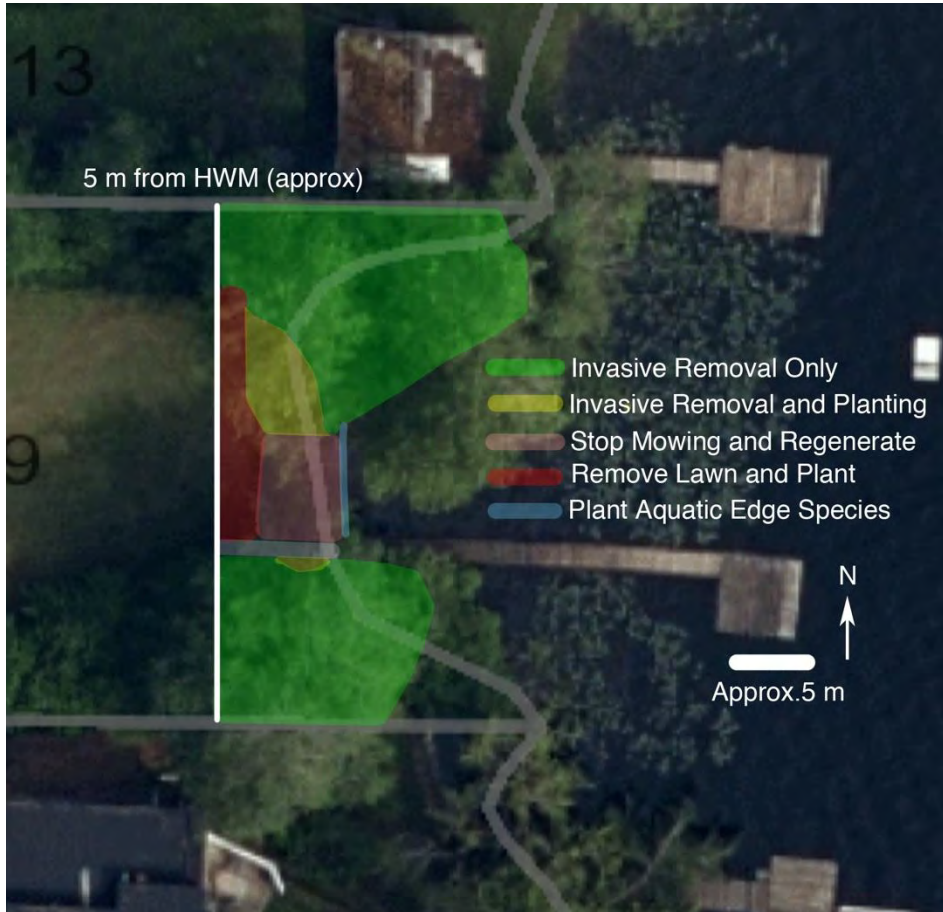
# GREEN - Remove non-native invasive species



Remove invasive species such as:

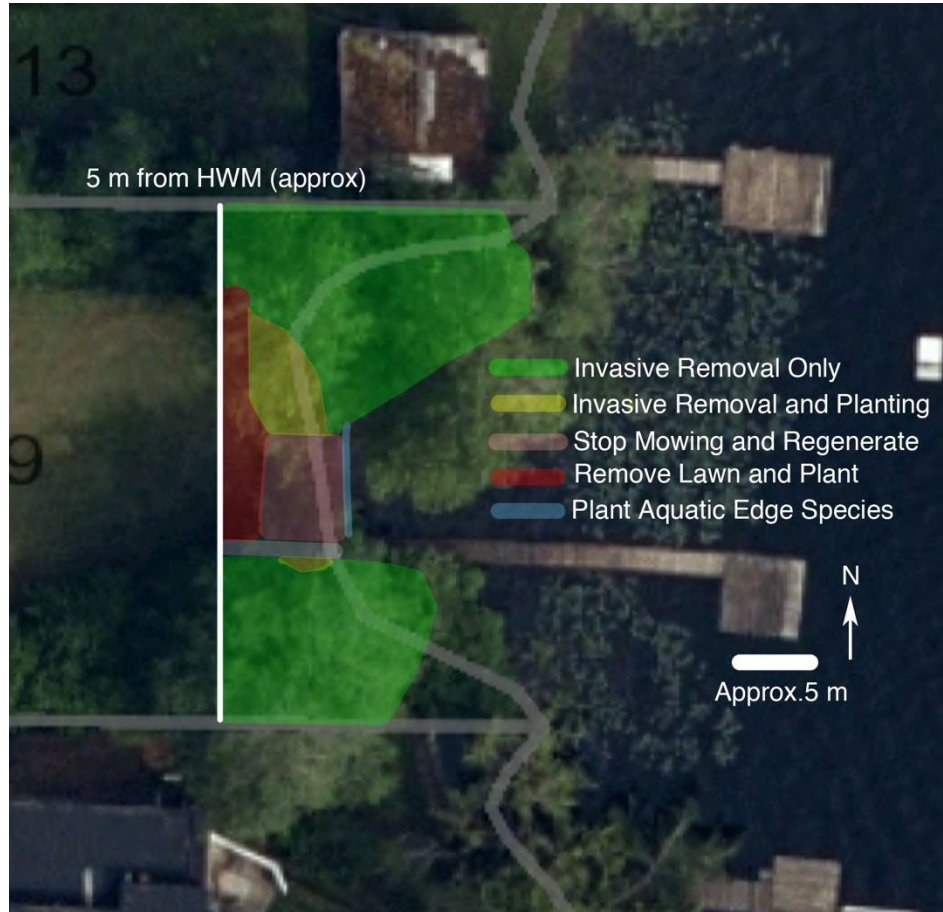
- Reed canarygrass
- Himalayan blackberry
- English ivy
- Creeping buttercup

# YELLOW- Remove invasives, intersperse native plantings



- red-osier dogwood
- thimbleberry
- salmonberry
- hardhack

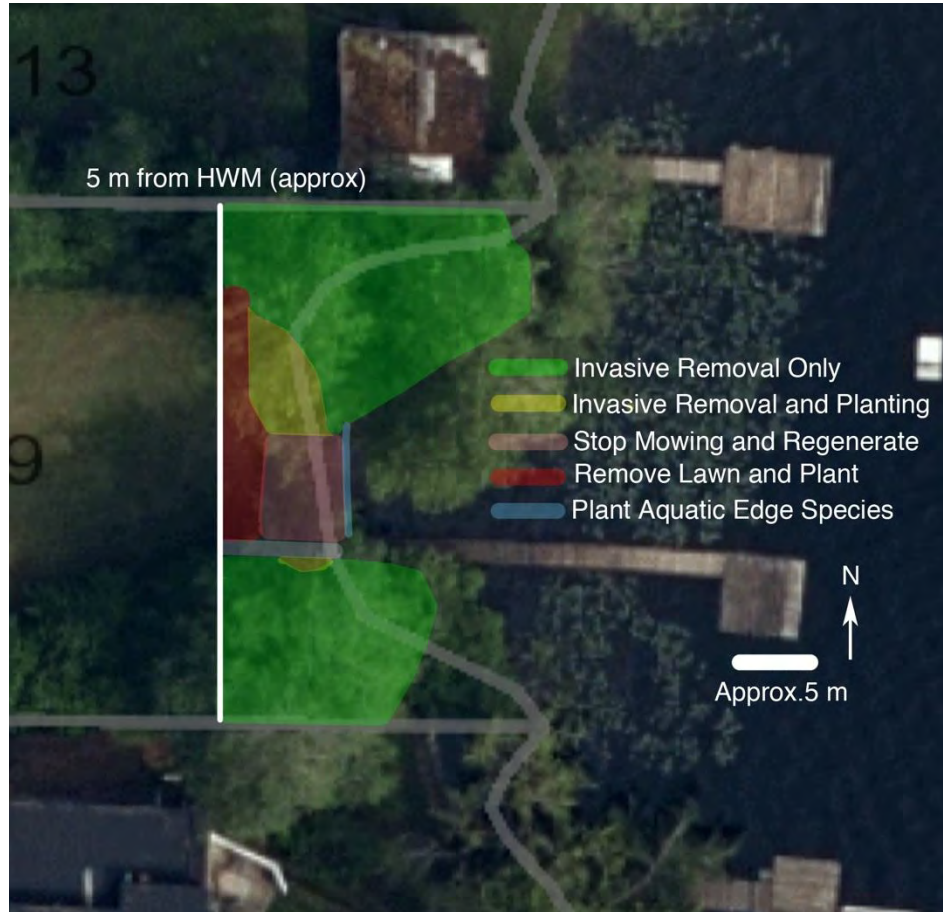
# BLUE - Plant aquatic edge species



- slough sedge
- beaked sedge
- Sitka sedge
- sawbeak sedge
- common rush
- dagger-leaf rush
- Pacific water-parsley

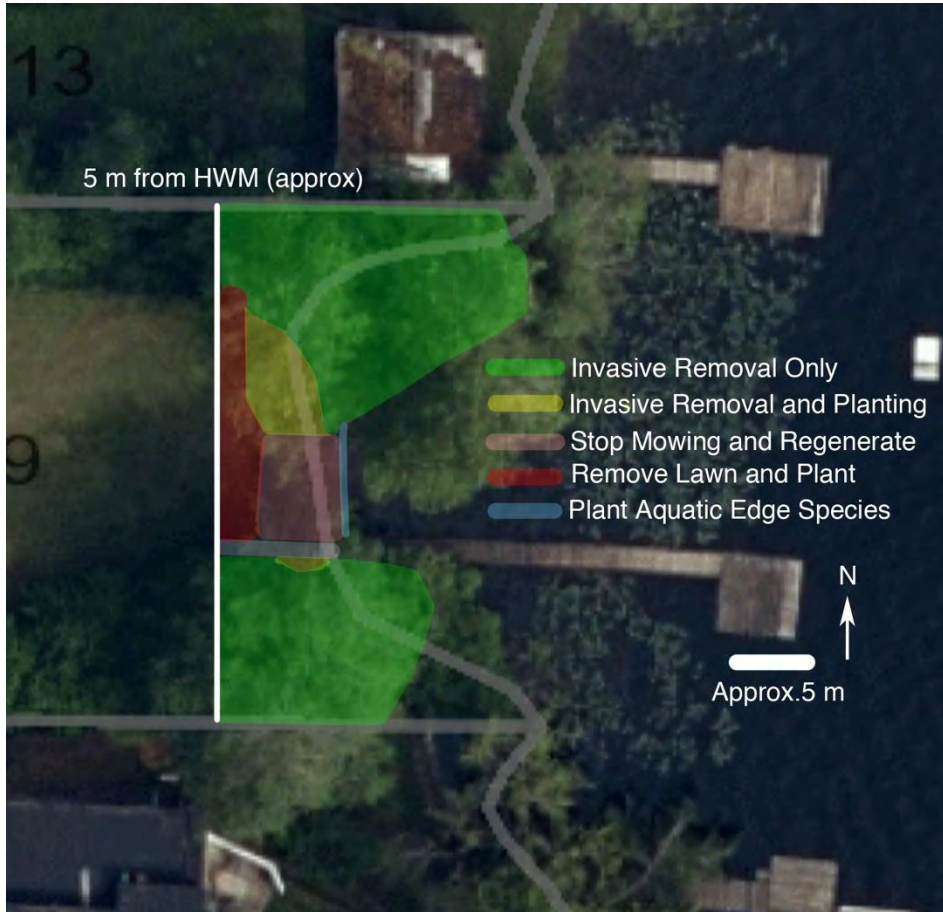


# PINK - Stop mowing & regenerate



- native species present
- stop mowing
- remove invasives
- after 1 year add native plants to fill gaps, if necessary

# RED - Remove lawn & plant

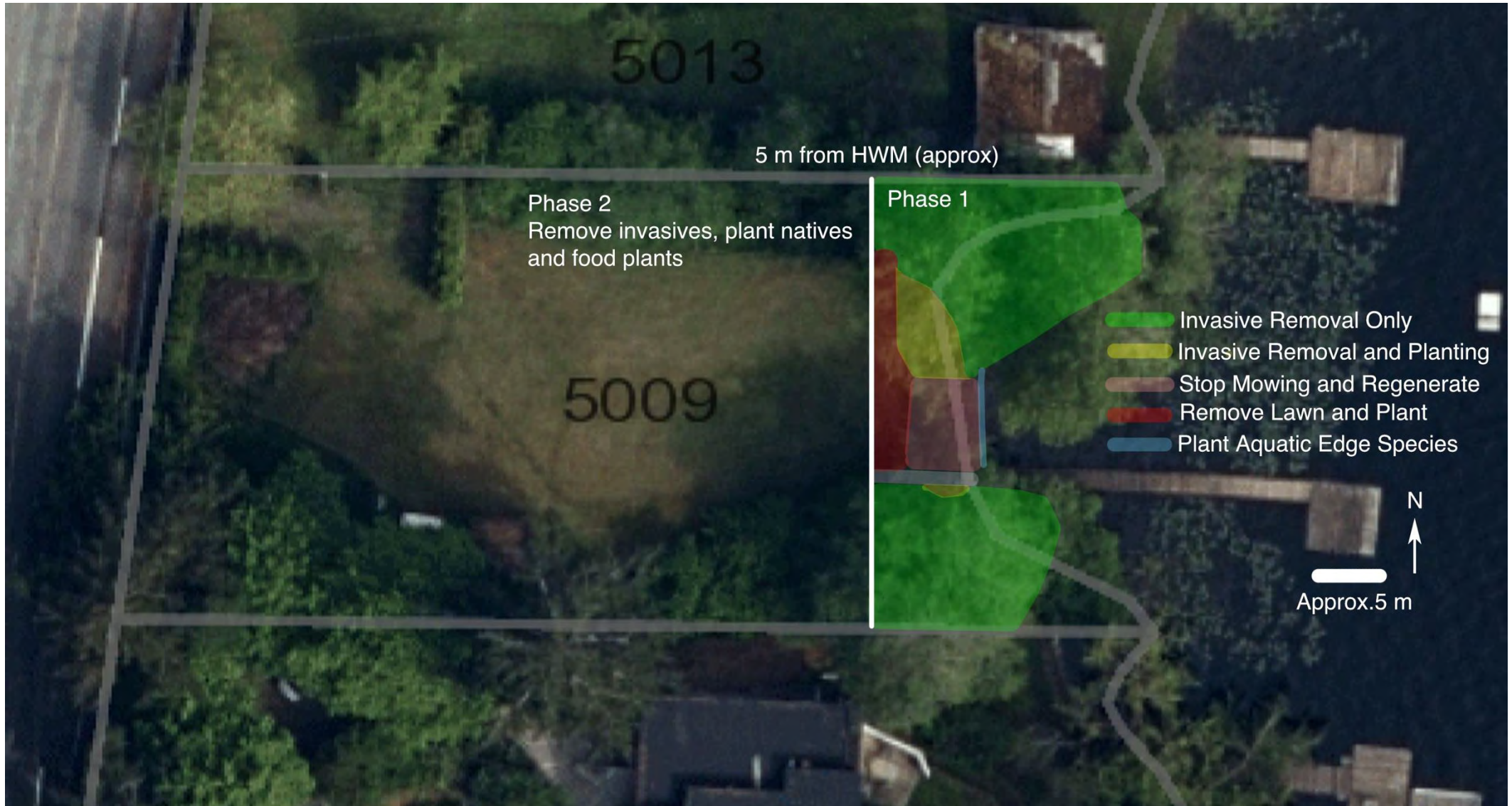


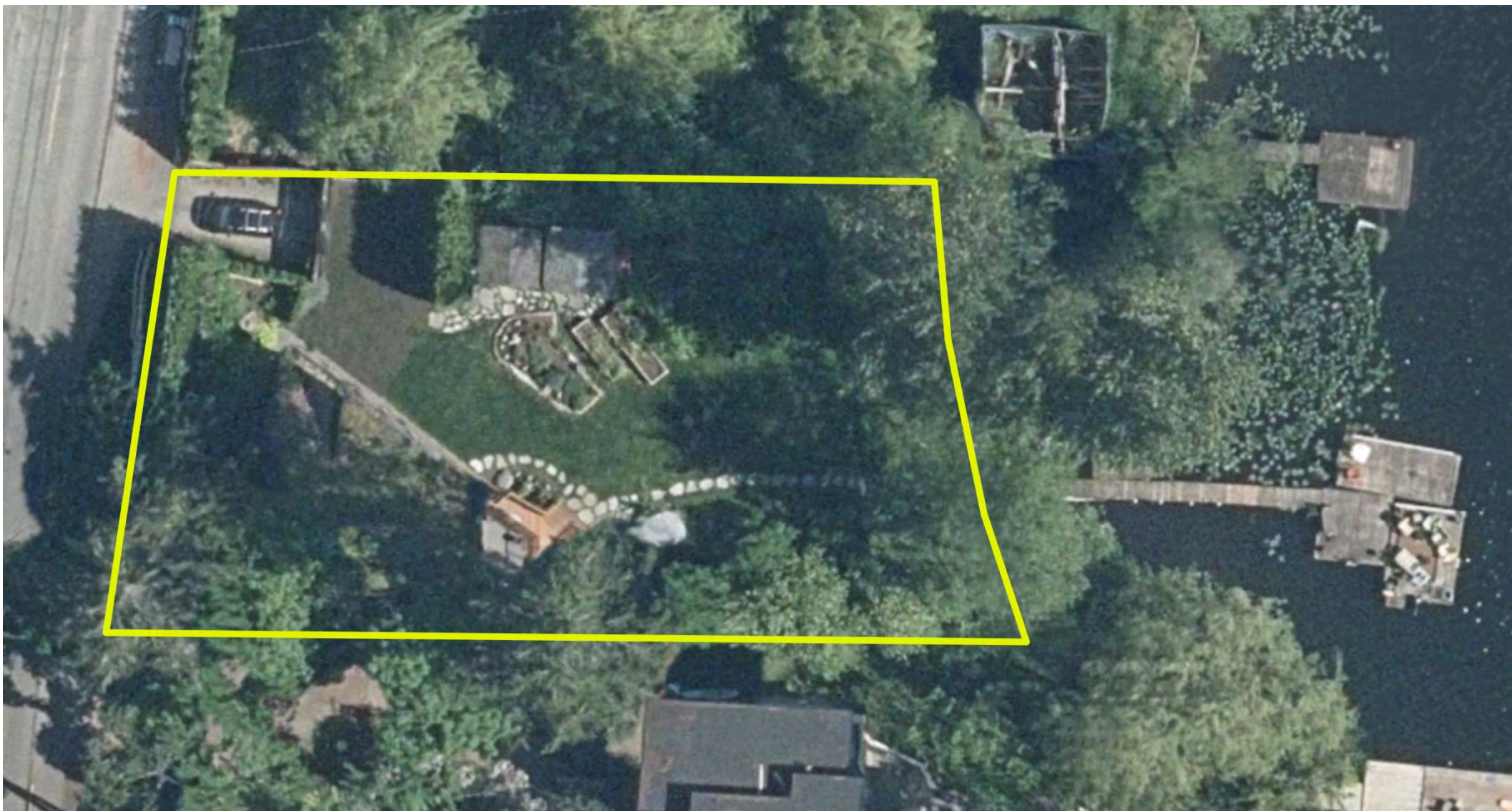
## North side

- red osier dogwood
- thimbleberry
- salmonberry
- mock orange (Coastal)
- red flowering currant

## Meadow towards the centre of the site

- Douglas' aster
- Idaho blue-eyed grass
- graceful cinquefoil
- woolly sunflower
- red columbine
- wild strawberry







2016



2022



2016



2022





2016



2022



2016



2022



2022

# Other Features

- 0.11 ha total lot area / 32m shoreline
- 930 ft<sup>2</sup> house footprint / 8.4% lot coverage
- Habitable portions above 49.3 G / above the 200 yr floodplain
- Living Green Roof by Eco-Sense (Gord & Ann Baird) (Garry Oak Meadow)
- Built Green Gold
- Food and pollinator garden
- Permeable Surfaces
- Tertiary Sewage Treatment Onsite



2022







2022





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Removal of invasive species

Extensive planting of native species in riparian area and across the property

Large part of lawn converted to native meadow

Plant food garden - veggies, herbs, berries, fruit

