

Forest Hills Run Sub-Watershed Potential Restoration Sites

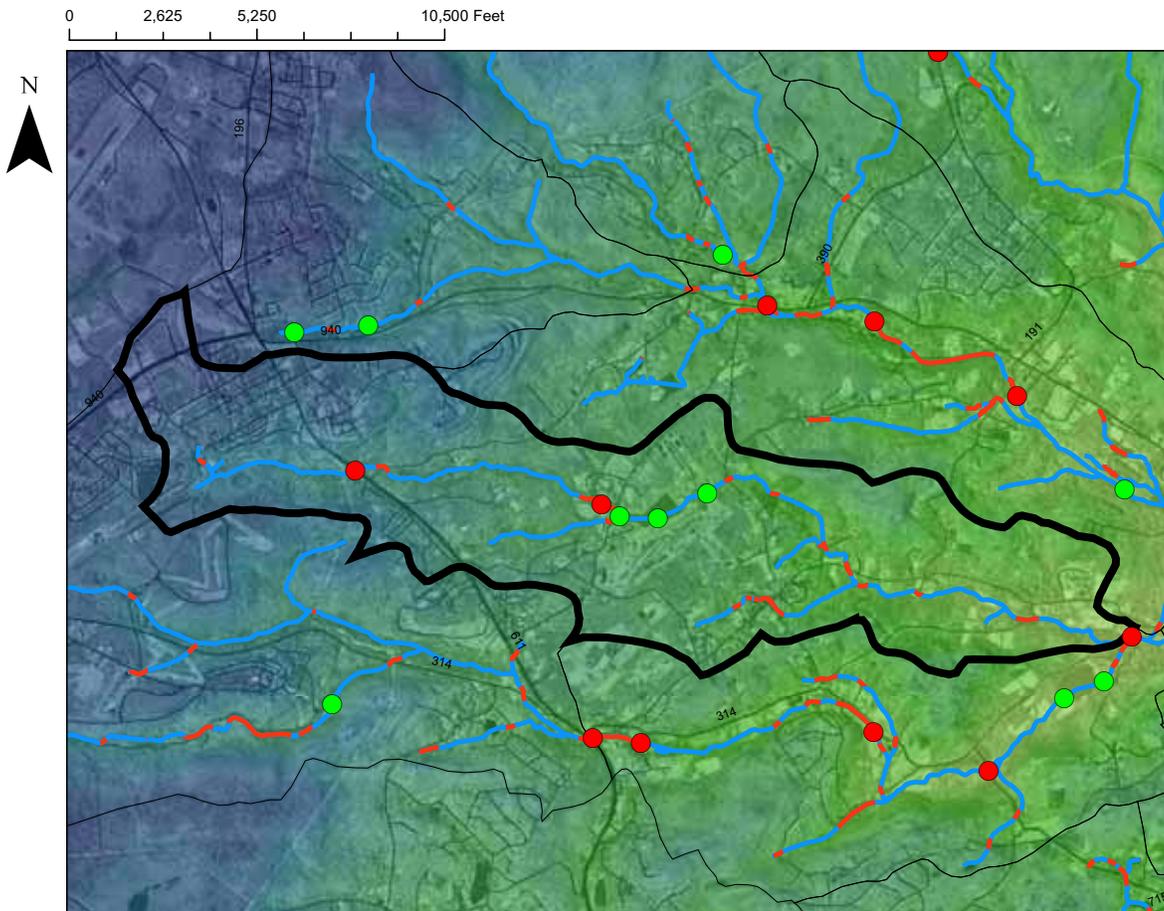


Figure 16 – Potential restoration sites in the Forest Hills Run sub-watershed. Sites were identified by means of topographic map examination; stream proximity within 150 feet of roads, bridges and culverts; aerial photo examination and field verification.

Restoration Projects

Road (2 red)

Observation

1. Forest Hills Run at Route 611: culvert effects, road runoff.
2. Forest Hills Run at Mt Airy resort – near Woodland Rd crossing and parking lot runoff.

Action

- Install BMPs to manage road runoff.
- Improve riparian zone, reduce runoff, manage geese.

Other (3 green)

Observation

3. Forest Hills Run at Mt Airy Lake inlet – lawn, beach, no riparian zone.
4. Forest Hills Run at Mt Airy Lake – no riparian zone, golf course impacts, geese, resort runoff.

Action

- Manage runoff quality; establish riparian areas.
- Establish riparian zone; reduce water quality effects of turfgrass & fertilizers; reduce Canada Goose impacts; prepare storm water plan for site.

Observation

5. Forest Hills Run at Mt Airy golf course DS of dam – high velocity, channelization, no riparian zone, knotweed.

Action

Establish riparian zone as environmentally sensitive area on golf course; remove invasive plants; reconstruct meanders if necessary (detailed survey to determine erosive energy of stream, create restoration plan).



Figure 17 – Forest Hills Run Projects 2,3,4,5: Mount Airy Lodge site, where improvements can be made to the riparian buffer, storm water management for water quality, stream channelization repair, invasive species removal, and Canada Goose management.

Photo 1 – Parking lot upstream of Woodland Road by Forest Hills Run

Photo 2 – Forest Hills Run enters Lake, see sediment deposit, extensive lawn and no buffer.

Photo 3 – Dam and Spillway of Lake, fish passage blocked.

Photo 4 – Downstream of Lake at golf course fairway – channelized, invasive species, poor buffer.