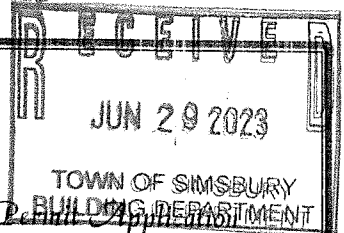




Town of Simsbury

Office of Community Planning and Development - Inland Wetlands Permit Application



DATE: 6/28/2023 FEE: \$ 240 CK #: 6825 APP #: _____
 PROPERTY ADDRESS: 38 Long View Drive
 NAME OF APPLICANT: James Lewis
 MAILING ADDRESS: 38 Long View Dr., Simsbury, CT 06070
 EMAIL ADDRESS: jlewis@hlopticians.com TELEPHONE # 860-559-9701
 NAME OF OWNER: Same
 MAILING ADDRESS: _____
 EMAIL ADDRESS: _____ TELEPHONE # _____

NOTE: ATTACH A WRITTEN LETTER OF AGENCY, DULY ACKNOWLEDGED, TO ACT FOR THE OWNER, INCLUDING THE ABILITY TO CARRY OUT ACTIVITIES SET FORTH HEREIN.

DESCRIBE THE REGULATED ACTIVITIES REQUIRED FOR THIS APPLICATION AS IT RELATES TO "REGULATED ACTIVITIES" AS DEFINED IN SECTION 6 OF THE SIMSBURY INLAND WETLANDS REGULATIONS, SUCH AS: A) Remove material from; B) Deposit material in or discharge to; C) Construct on; D) Obstruct; E) Alter; F) Pollute; G) Otherwise adversely affect regulated area
 Please see attached responses along with maps and pictures regarding regular maintenance of the pond on our property.
 Similar work was performed 15 years ago with a fore bay and trench that now need to be cleaned out.

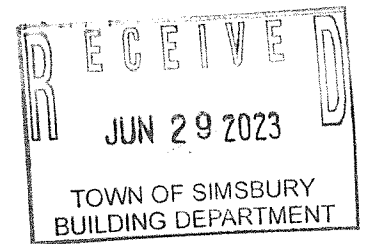
CERTIFICATIONS AND PERMISSIONS:

As owner, I hereby give permission to the Town of Simsbury's Conservation Commission Inland Wetlands Watercourses Agency, their Agents, or Town Staff to enter upon my land to make observations and tests as may be necessary to evaluate this application and ongoing work, subject to twenty-four hours notice of such entry/testing.

I hereby certify that all statements herein are true to the best of my knowledge, whether made by me or my agents. Any permit issued shall be contingent upon field conditions and activities being substantiated as indicated herein. A changed situation shall require reconsideration of the permit by the Commission upon discovery by either party.

I certify that I have the authority to sign this application.

[Signature] 6/29/23 _____
 Signature of Owner Date Signature and Title of Applicant Date



2. Describe the site and the regulated area or wetlands/watercourses involved:

a. General site conditions, including vegetation and general soil conditions.

The site is a pond which has been expanded from a tributary of Stratton Brook originating in the Ethel Walker Woods which the property abuts on the west side. The soil is primarily sand with a buildup of leaves and other pond vegetation.

b. Size of wetland within site or distance of the activity from the wetland.

The area of the pond is approximately 1,000 square yards (800 square meters).

c. Size of total contiguous wetland.

Total contiguous wetland is the same

d. Position relative to other wetlands on site.

This is the only wetland on the property.

e. Type of wetland characterized by vegetative and soil type and/or watercourse

1) fresh water pond

3. Depth of water table, depth to mottled soil, and seasonal variation of water table.

Depth to water table is about 3 feet. Mottled soil about 3 feet. Very little seasonal variation.

4. Describe the immediate impact on the wetlands and watercourses, including, but not limited to:

a. Quantities, by volume and area disturbed, of materials to be removed, deposited, or altered.

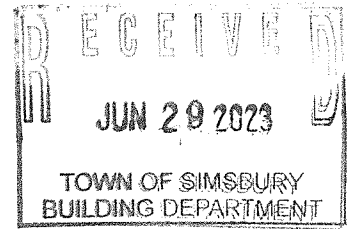
We will remove approximately 70 cubic yards of sand comprising roughly 4% of the total area of the pond.

b. Kinds of materials by soil types and vegetative classifications, and materials classification to be removed, deposited, or altered.

Silt, sand and some vegetation.

c. Percent of wetlands/watercourses disturbed or altered to total area of wetlands/watercourses on the parcel.

The primary area of activity is the south entrance to the pond where we will clean out a 6' deep x 6' wide forebay and another trench of the same size just inside the immediate entrance of the pond. As intended both these areas have become filled with sand since they were originally established 15 years ago and now need cleaning out as part of our general maintenance.



5. Describe the related construction activities and their impact on:

a. Area and location of wetlands and watercourses.

We will access the pond by the owner's driveway. Lawn and surrounding areas will be regraded and restored to original condition after completion. Six foot natural habitat will be restored around the pond to reduce runoff from the yard.

b. Types and amounts of vegetation.

Only minimal weeds and grass that have grown into the sandbar will be affected inside the pond area. Primarily the lawn area will be affected outside of the pond. We will remove invasive plants as best as possible.

c. Surface and groundwater.

Hay bales will be set at the exit from the pond to minimize sediment downstream.

d. Visual impacts.

The construction site is not visible to any neighbors.

e. Wildlife habitats.

A deeper pond will better support aquatic plants and wildlife.

6. Describe the long term or permanent impact of the activity(ies) on environmental aspects such as the surface and groundwater quality, storm water runoff, visual impact(s), or wildlife habitats on:

a. Wetlands and/or watercourses.

The work is necessary as on-going maintenance to preserve the look and value of the property. The project will restore the fore bay and trench by the entrance to continue to collect sand from upstream, leaving the rest of the pond at its natural depth thereby improving water flow and improving water quality.

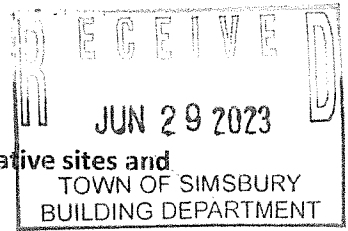
b. Abutting riparian properties and/or wetlands and/or watercourses.

A six foot perimeter of natural habitat around the pond will be restored to ensure minimal effect from runoff from the lawn.

7. Identify sedimentation and erosion control measures to be used.

Erosion control barriers will be used to control runoff where construction is to be concentrated at the south entrance to the pond and surrounding areas where appropriate.

Silt fencing will also be erected around the removed sediment site on the west side of the pond.

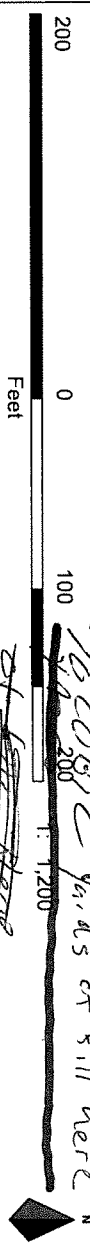


8. Identify alternatives to the proposed activity that were considered, including alternative sites and why this one was chosen.

This activity was performed 15 years ago and has proven successful. We did not consider other options.

9. Estimate the cost of work and time for completion. \$15,000. 1-2 weeks.

Town of Simsbury, CT



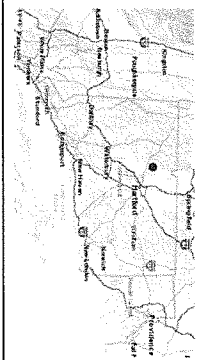
Legend

- Zoning Scans
- Subdivision Plans
- Parcels
- Street Labels
- Town Border

erosion control main 509 sites

MAINTENANCE
JUN 29 2023
 TOWN OF SIMSBURY
 BUILDING DEPARTMENT

Location



Notes

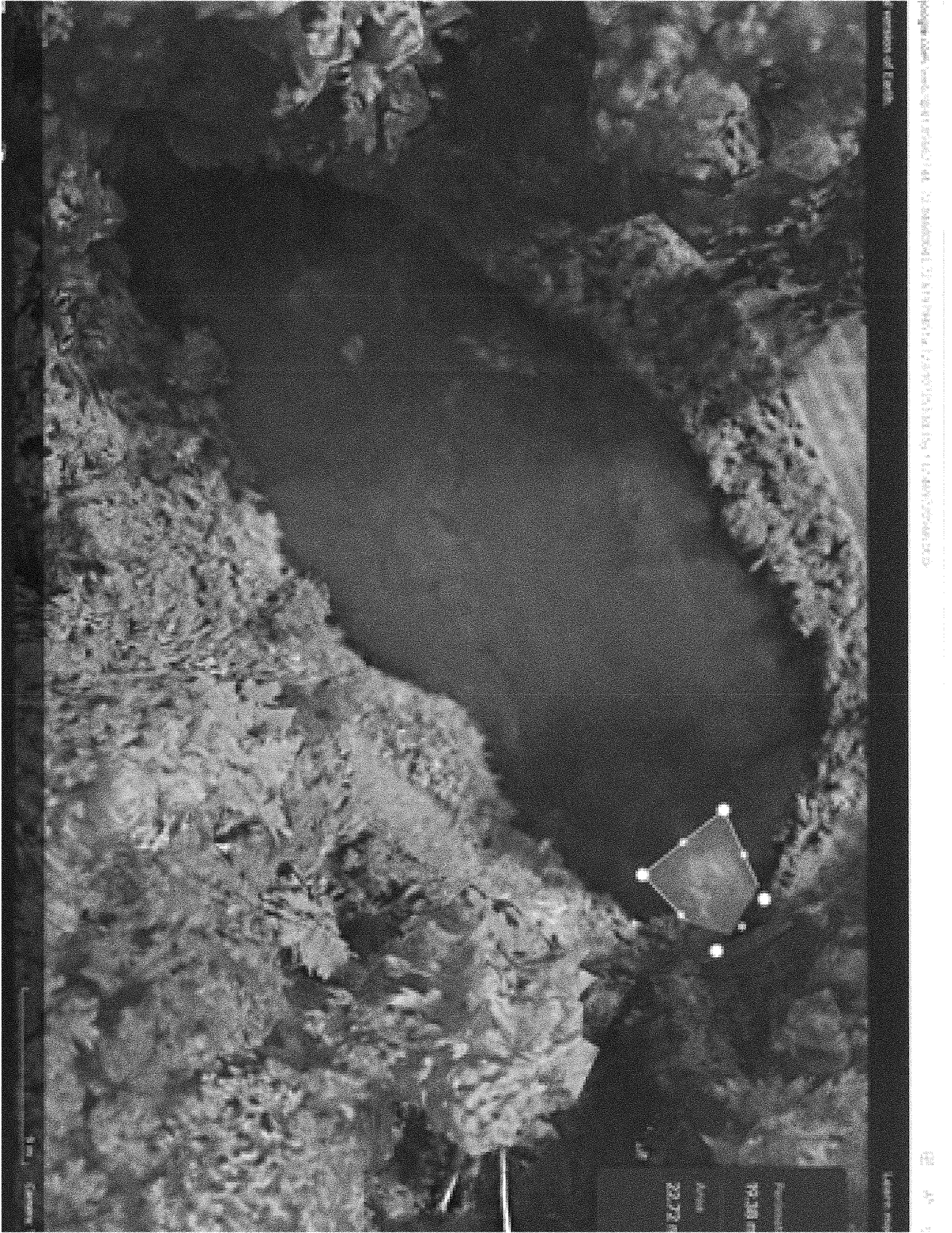
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FONE BAN





Photograph taken from a high altitude, showing a small clearing in a forested area.

Photograph taken from a high altitude, showing a small clearing in a forested area.

Photograph taken from a high altitude, showing a small clearing in a forested area.

Views

location relative to house

From Deck





Views of Pond to show
location relative to house

From Deck