

Conservation Commission

**Town of Salisbury, Conservation Commission, Application for Regulated Activity Permit**

- 1) Applicant(s) name: West Twin Hydro-Rake Group (Addendum 1)
- 2) Applicants mailing address: c/o Russ Conklin, 65 Washinee Heights Rd, Salisbury, CT 06068
- 3) Applicants business address:
- 4) Applicants Home Phone #: 860 248 9513 Business Phone #:
- 5) Owner of property: Owners are same as applicants. (Addendum 1)  
Name: Address:  
Phone #:

Signature of property owner consenting to this application:

See signature sheets Addendum 2

- 6) Applicants interest in the land: Property Owners
- 7) Geographical location of property: West Twin Lake Salisbury, CT  
Description of the land:  
Computation of wetland area or watercourse disturbance:  
~100 ft x 40 ft ~4000 sq ft x 11 sites ~44,000 sq ft
- 8) Purpose and description of the proposed activity:  
Restoration and Maintenance by Hydro Raking : Addendum3
- 9) Alternatives considered by applicant:  
  
Why this proposal to alter wetlands was chosen:
- 10) Site plan showing existing and proposed conditions in relation to wetlands and watercourses:  
(Attach map and plans to application)
- 11) Names and addresses of adjacent property owners:  
  
North:  
South:  
East:  
West:

- 12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information:  
  
Signature: \_\_Addendum 2 Signature Sheets\_\_\_\_\_
- 13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final decision has been issued:  
  
Signature: \_\_Addendum 2 Signature Sheets\_\_\_\_\_
- 14) DEEP Reporting Form 22A-39-14 provided by applicant (Rev. 3/2013)
- 15) Any other information the Commission deems necessary to the understanding of what the applicant is proposing:
- 16) Section 7.6 Requirements, if stipulated by agent
- 17) Filing Fee: As defined in current Regulations
- 18) For activities involving a significant activity as determined by the Commission and defined in Section 2 of the regulations the provisions of Article 7.6 must be submitted with the application. (Attach documents).
- 19) If the affected property is within 500 feet of an adjacent municipality the applicant is responsible for providing documentation that the provisions of 8.9 of the regulations have been satisfied: (Attach documents).

DATE FILED: \_\_\_\_\_

DATE RECEIVED BY COMMISSION: \_\_\_\_\_

ACTION: a) INSIGNIFICANT ACTIVITY

CONDITIONS:

DATE OF APPROVAL:

b) SIGNIFICANT ACTIVITY

PUBLIC HEARING DATE:

PUBLIC HEARING DATE + 65 DAYS:

CHECK LIST:

A. PUBLIC NOTICE:

DATES PUBLISHED:

B. PROOF THAT APPLICANT HAS MAILED COPIES OF PUBLIC NOTICE TO ABUTTING PROPERTY OWNERS:

C. PROOF OF PROVISIONS OF SECTION 8.2 (IF APPLICABLE):

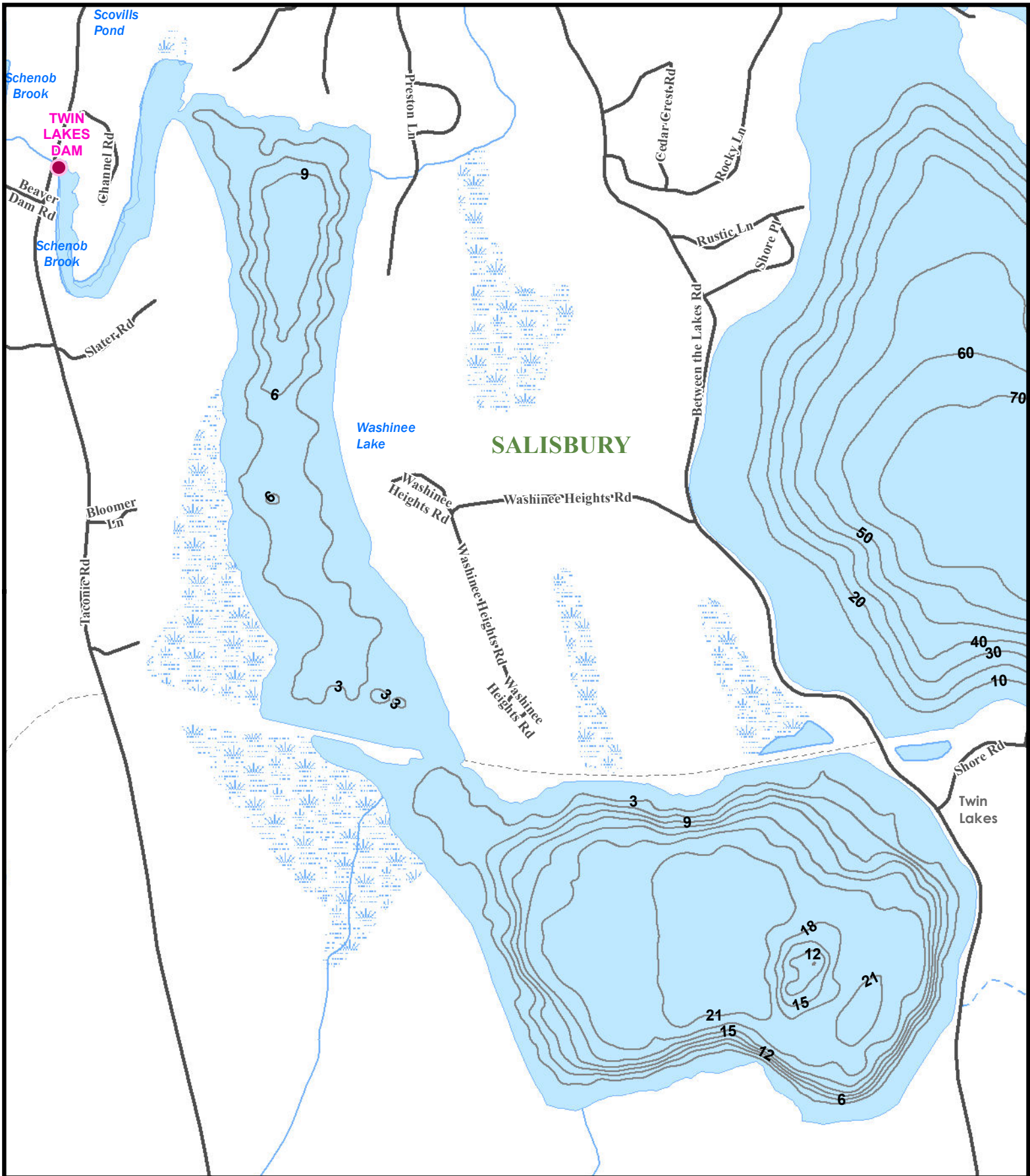
# Twin Lakes System



- **The Twin Lakes system is comprised of 4 waterbodies**
- **East Twin**
  - **The first lake: 560 surface acres**
- **West Twin: 289 surface acres**
  - **The second lake: 189 surface acres**
  - **The third lake: 100 surface acres**
- **The channel: 8 surface acres**
- **The lake level is actively managed using a set of outlets at the end of Channel**

# CT ECO 1934





# West Twin Lake

Salisbury, CT



Connecticut Department of Energy & Environmental Protection

This map shows lake depth. It is intended for general informational purposes only. Lake bathymetry contour lines may not align well with other features on the map. Please refer to the Boating or Angler's Guide for current boating regulations. Map date September 2011.

Lake acreage: 289.8

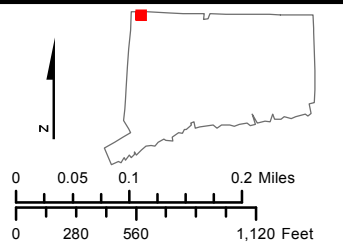
— Lake depth (ft)

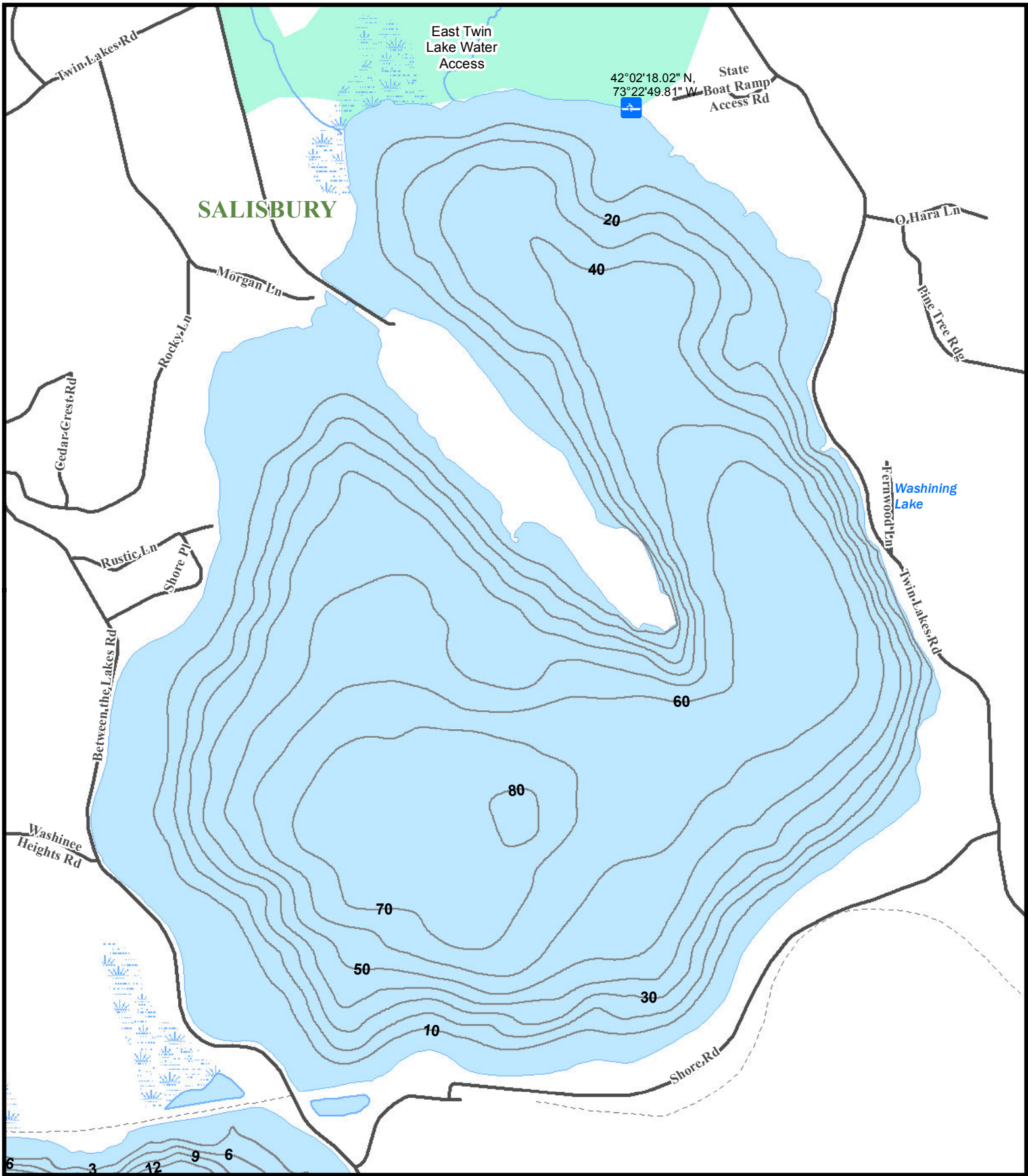
- - - - - Trail

● Dam

🚗 DEEP car top/carry-in launch

🚤 DEEP trailered launch





# East Twin Lake

Salisbury, CT



Connecticut Department of Energy & Environmental Protection

This map shows lake depth. It is intended for general informational purposes only. Lake bathymetry contour lines may not align well with other features on the map. Please refer to the Boating or Angler's Guide for current boating regulations. Map date September 2011.

Lake acreage: 569.03

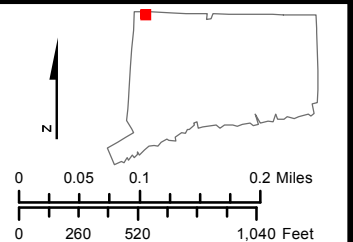
— Lake depth (ft)

- - - - - Trail

● Dam

☒ DEEP car top/carry-in launch

☒ DEEP trailered launch



## APPLICATION RENEWAL

**The Applicants.** The West Twin Hydro-Raking Group is an *ad hoc group* of otherwise legally unaffiliated West Twin property owners who now pool their efforts for the purpose of negotiating the terms and conditions of a contract with the Contractor which will thereafter be accepted or rejected on an individual basis by each owner. It has no officers, directors, employees, income, or debts. No individual owner is responsible to any other owner. Membership in the Group is open to all West Twin Lake property owners upon request.

**Permit History.** In 2020, The Group applied for and was approved for a one year Hydro-Raking permit. In 2021, The Group applied for a multi-year permit and was approved for a two year permit. The Group executed two Mods to that permit. In 2021 one property was added as a capability demonstration in the West Twin Channel. In 2022, additional West Lake property owners requested membership and a second Mod was executed for permit coverage for 2022.

### **The Application.**

**Duration of Permit:** The applicant requests a multi-year permit.

**FEE:** The applicant petitions the Agency for a reduction of fee under section 19.7.b

**Spoil Disposition and Time Frame** Each landowner will dispose of spoil dewatering in the regulated area each year by NLT 15 August in the manner designated in their individual signature page.

## Background Information

**Restoration & Maintenance** Beginning in 2005, West Twin landowners have performed spring maintenance shoreline areas. This activity has been performed yearly since 2014 by an *ad hoc group* of landowners. The activity is a restoration by removing unconsolidated sediment and encroaching vegetation (spoil) from selected shoreline areas. Tape grass and water lily are also targeted in the residential swimming area/harbor area at each property.

**Aquatic Ecosystem Research (AER)** created a Lake Management Plan for the Twin Lakes Association (TLA) in 2017. The Plan recommends managing sedimentation and lily encroachment by use of a hydro rake.

**AER** also conducted a multipoint plant sampling West Twin (AER 2017) for TLA. In that survey, the entire West Twin water body was sampled in a rectangular grid and the plant species at each point cataloged. Tape grass was present in 59% and water lily in 26% of the sample points with plants in that survey. AER repeated the plant survey in West Twin in 2021 (AER2021) using the same sample grid. Tape grass was present in 99% and water lily in 58% of the sample points with plants. There is no shortage of Tape grass or lilies in West Twin.

**State Listed Plant Species** the plant sampling study showed no presence of endangered, threatened, of special concerned plant species in the work area.

Figure 13: Interpolated spatial distribution of all State Listed species in West Twin Lake

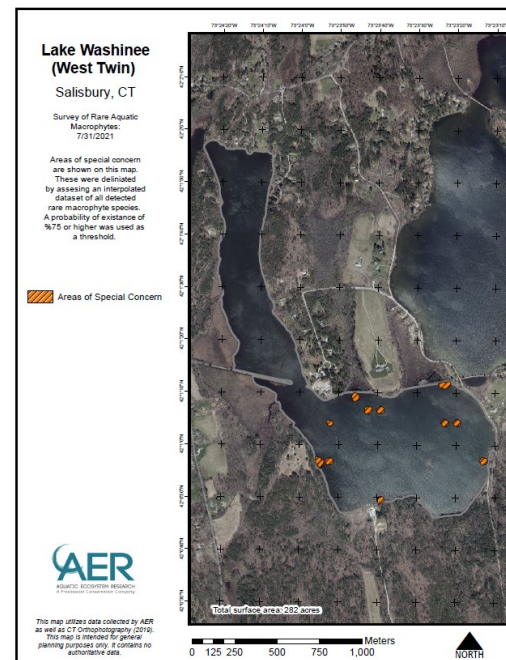
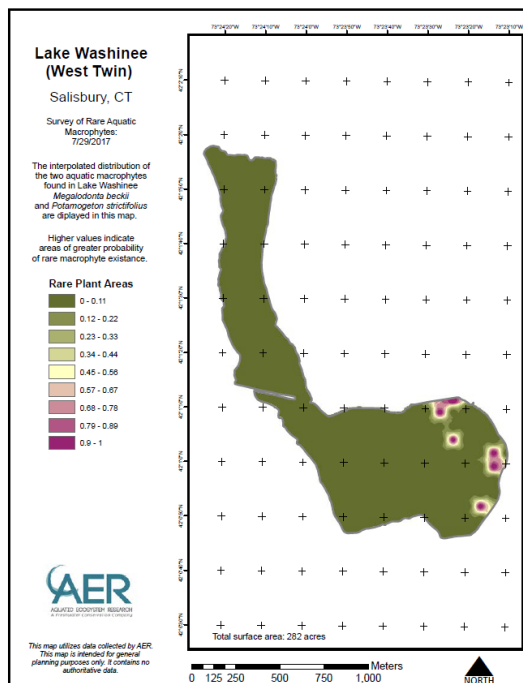


Figure 14. West Twin Lake: Areas of Special Concern (2021)



## **ADDENDUM 1 The Group**

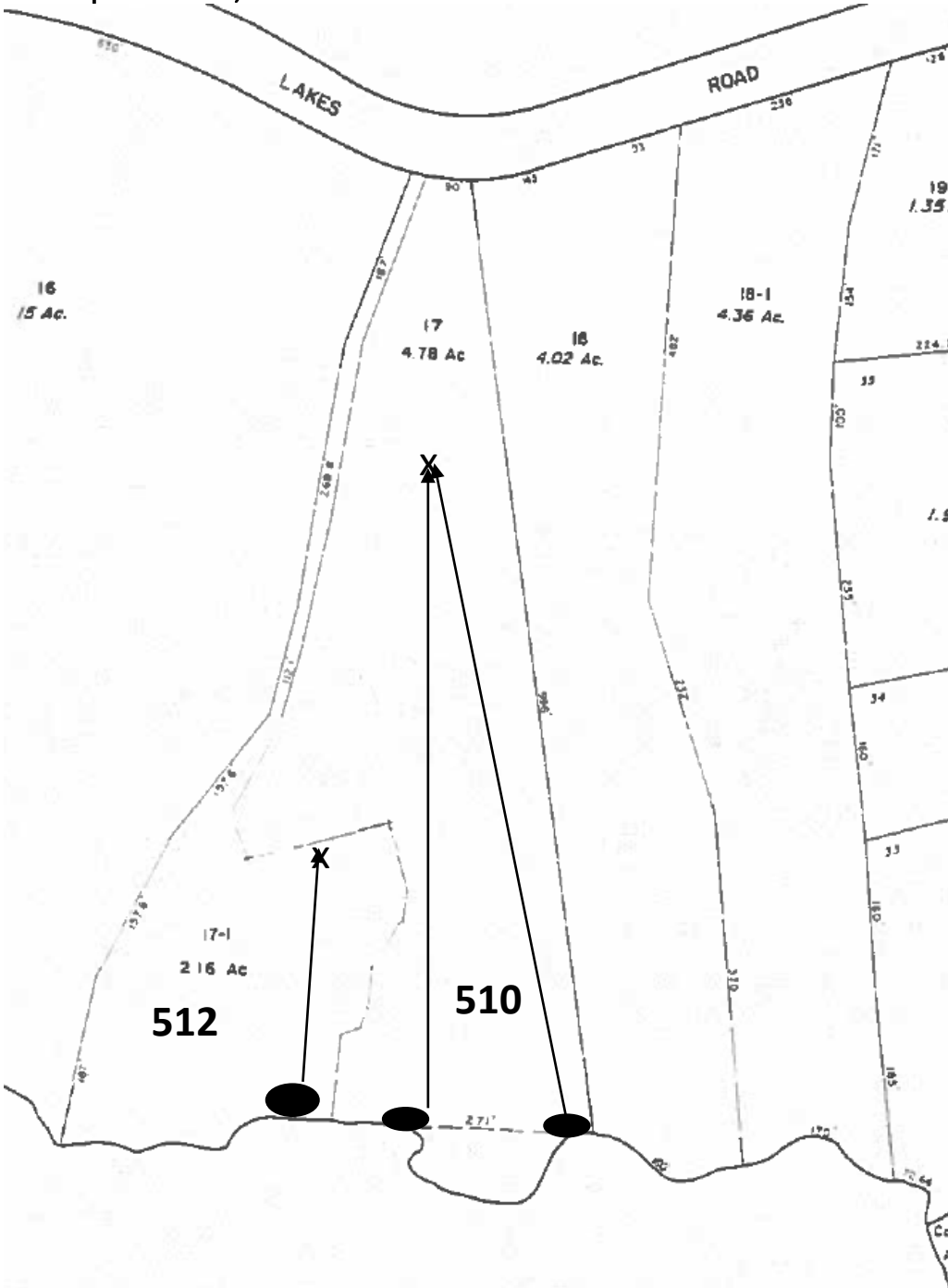
<b>NAME</b>	<b>WORKADDRESS</b>
<b>Charles Bendit</b>	<b>512 Twin Lakes Rd</b>
<b>Jon Higgins</b>	<b>510 Twin Lakes Rd</b>
<b>Russ Conklin</b>	<b>65 Washinee Heights Rd</b>
<b>Judith Menikoff</b>	<b>69 Washinee Heights Rd</b>
<b>Don Ronchi</b>	<b>75 Washinee Heights Rd</b>
<b>Alan Friedman</b>	<b>93 Washinee Heights Rd</b>
<b>Patricia Medvecky</b>	<b>99 Washinee Heights Rd</b>
<b>Don Ronchi</b>	<b>125 Washinee Heights Rd</b>
<b>127 WHR LLC</b>	<b>127 Washinee Heights Rd</b>
<b>129 WHR LLC</b>	<b>129 Washinee Heights Rd</b>
<b>145 TR LLC</b>	<b>145 Taconic Rd</b>



# Lake Washinee Work Sites



# Spoil Removal Plot (N)

Map 69 510, 512 Twin Lakes Rd



-  Dewatering Location
-  Removed From Regulated Area

Washine

Extracted from

PROPERTY MAP  
TOWN OF SALISBURY  
MITCHFIELD COUNTY, CONNECTICUT  
PREPARED BY

JAMES W. SEWALL COMPANY OLD TOWN, MAINE  
SCALE 1 INCH = 100 = FEET

# Spoil Removal Plot (S)



## ADDENDUM 3

**The Contractor.** The contractor is Solitude Lake Management. We became associated with Solitude when it acquired Aquatic Control Technologies and Lycott Environmental who were our former contractors.

**Description of Contractor's Equipment.** The Contractor will use a floating pontoon boat with twin paddlewheels powered by a diesel engine and hydraulic stators and mounting a boom/dipstick to which is attached a modified York Rake. This equipment is designed exclusively for use as a hydro-rake and is designed to limit the effect to "raking" and prevent "digging". A barrier is deployed to limit turbidity and the movement of spoil.



**Description of Operation.** The Contractor will first deploy a barrier to limit turbidity. The Contractor will then move over the area to be raked, lower the rake down to the bottom, and run the boat in reverse thus dragging the rake across the Bed and collecting silt, weeds, and debris. The spoil so collected is then deposited on the owner's land for dewatering and later removal by the owner.

**Work Area.** The work area is the littoral portion of each owners' land which is typically populated by plants having roots and vascular systems (i.e. macrophytes). This area is contiguous with the upland property of the owners which, in each case, is residential in use. This area requires periodic maintenance to enable recreational use of the lake and to retard eutrophication of the Lake.

**Disposition of Spoil.** Spoil is temporarily deposited on the shore for dewatering. After the spoil is deposited a silt fence is installed between the spoil and the lake. Each owner is individually responsible for disposition of the spoil deposited on his land. The spoil is not handled until it dries after which it can be moved with conventional material handling equipment. It is then removed from the regulated area by the owner or by 3<sup>rd</sup> parties employed by the owner, typically a local landscape contractor, and the silt fence is removed.

**Addendum 2 Applicant Signature Sheet**

Property Address: \_ 512 Twin Lakes Rd

**Disposal of Spoil (Check Applicable)**  
**Out of Regulated Area** X

**Off Property**

**Certifications**

12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information

13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

**Owners Signature**



**Date**

**Addendum 2 Applicant Signature Sheet**

HIGGINS

Property Address: 510 Twin Lakes Rd  
Taconic, CT 06079

**Disposal of Spoil (Check Applicable)**

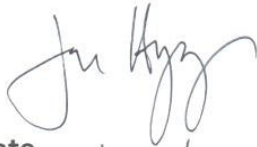
**Out of Regulated Area**

**Off Property**

**Certifications**

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**Owners Signature**



**Date**

1/27/2021

**Addendum 2 Applicant Signature Sheet**

**Property Address 65 Washinee Heights**

**Disposal of Spoil (Check Applicable)  
Out of Regulated Area**

**Off Property**

**Certifications**

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**Owners Signature**

Russ Conklin



**Date 27 Jan 2021**



Addendum 2 Applicant Signature Sheet

Property Address

69 WASHINGTON HEIGHTS ROAD  
SALISBURY, CT 06068

Disposal of Spoil (Check Applicable)  
Out of Regulated Area

Off Property

Certifications

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Owners Signature

*James Drenth*

Date 27 JAN 2021

Addendum 2 Applicant Signature Sheet

Property Address: 75 Washinee Heights Rd

Disposal of Spoil (Check Applicable)  
Out of Regulated Area

Off Property  X

**Certifications**

- 12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information
- 13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

Owners Signature

Don Ronchi  
772.713.7228



Date

3/7/2022

**Addendum 2 Applicant Signature Sheet**

**Property Address**

93 Washinee Heights

**Disposal of Spoil (Check Applicable)  
Out of Regulated Area**

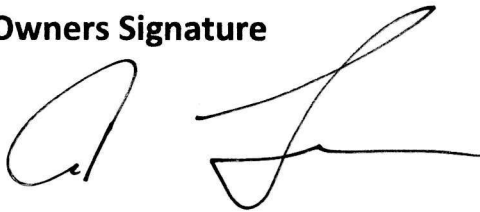
**Off Property**      X

**Certifications**

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**Owners Signature**



**Date**

1/27/21

**Addendum 2 Applicant Signature Sheet**

Property Address 99 Washinee Heights Rd,  
Salisbury CT 06068

**Disposal of Spoil (Check Applicable)**

**Out of Regulated Area**

**Off Property**

**Certifications**

12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information

13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

**Owners Signature**

*Patricia Medved*

**Date**

1-27-2024

Addendum 2 Applicant Signature Sheet

Property Address: \_ 125 Washinee Heights Rd

Disposal of Spoil (Check Applicable)  
Out of Regulated Area

Off Property    X

**Certifications**

- 12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information
- 13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

Owners Signature

Don Ronchi  
772.713.7228



Date

3/7/2022

**Addendum 2 Applicant Signature Sheet**

**Property Address: 127, 129 Washinee Heights Rd**

**Disposal of Spoil (Check Applicable)  
Out of Regulated Area**

**Off Property XX**

**Certifications**

12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information

13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

**Owners Signature**

**127, 129 WHR LLC**

**Jeffrey J Keenan**



**Date**

**3/12/22**

**Addendum: Applicant Signature Sheet**

**Property Address** 145 Taconic Rd

**Disposal of Spoil (Check Applicable)**

**Out of Regulated Area**

**Off Property**

**Certifications**

12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information

13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final determination has been issued

**Owner or Agent Signature**

145 TR LLC  
Jeffrey J Keenan



2/1/23

**Date**

West Twin 24 Jul 21

