



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner



82

May 3, 2022

His Excellency, Governor Christopher T. Sununu
 and The Honorable Council
 State House
 Concord, NH 03301

REQUESTED ACTION

Approve Helen B. and Joseph A. Christi, TTEE's request to perform the following work on Winnisquam Lake in Tilton pursuant to New Hampshire Department of Environmental Services (NHDES) permit #2022-00194, and in accordance with RSA 482-A:3. No comments were submitted by the Tilton Conservation Commission regarding the project as proposed.

Impact 2,058 square feet of lake bed in order to dredge approximately 102 cubic yards of material within existing boat slips and a sand bar creating a navigational hazard along an average of 471 feet of frontage within Jay's Marina on Winnisquam Lake in Tilton.

NHDES imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised plans revision dated March 21, 2022 by New Hampshire Environmental Consultants, as received by the NH Department of Environmental Services (NHDES) on March 22, 2022.
2. In accordance with Env-Wt 307.10(f), dredged materials to be stockpiled in uplands shall be dewatered in sedimentation basins that are contained within turbidity controls that prevent turbid water from leaving the basins and located outside of any jurisdictional area.
3. In accordance with Env-Wt 307.10(d), dredged materials shall be disposed of out of jurisdictional areas, unless other disposition is specifically permitted pursuant to Env-Wt 307.10(e).
4. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
5. Activities that produce suspended sediment in jurisdictional areas that provide value as bird migratory areas or fish and shellfish spawning or nursery areas, shall be done so as to avoid and minimize discharges of dredged material or placement of fill material during spawning or breeding seasons by using water quality protection techniques.
6. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality, that no turbidity escapes the immediate dredge area, and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588

TDD Access: Relay NH 1 (800) 735-2964

7. No activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700.
8. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

EXPLANATION

NHDES approved this project on March 30, 2022. NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 523.04(c), dredge of more than 30 cubic yards of materials from an existing navigable passageway.
2. The NHDES finds that because the project is not of significant public interest and will not significantly impair the resources of Winnisquam Lake a public hearing under RSA 482-A:8 is not required.
3. No concerns were received from abutters nor the local Conservation Commission related to the project.
4. This project is necessary to maintain navigation and safety within an existing commercial marina,
5. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900 were requested or approved under this permit action.

NHDES permit #2022-00194 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in public waters of New Hampshire.

We respectfully request your approval of this item.



Robert R. Scott
Commissioner



STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION

Water Division/Land Resources Management
Wetlands Bureau



Check the Status of your Application

RSA/Rule: RSA 482-A/Env-Wt 100-900

APPLICANT'S NAME: **Joseph A. & Helen B. Christi, Trustees** TOWN NAME: **Tilton**

	COMPLETE Administrative Use Only JAN 27 2022	Administrative Use Only	File No.: 2022-00194
			Check No.: 2328
			Amount: \$823.20
			Initials: RS

A person may request a waiver of the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment but is still in compliance with RSA 482-A. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III(b). For more information, please consult the Waiver Request Form.

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))

Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, coastal areas, designated rivers, or designated prime wetlands.

Has the required planning been completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the property contain a PRA? If yes, provide the following information:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Protected species or habitat? <ul style="list-style-type: none"> ○ If yes, species or habitat name(s): [redacted] ○ NHB Project ID #: <u>NHB22-0169</u> 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Bog? 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • Floodplain wetland contiguous to a tier 3 or higher watercourse? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Designated prime wetland or duly-established 100-foot buffer? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the property within a Designated River corridor? If yes, provide the following information:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • Name of Local River Management Advisory Committee (LAC): [redacted] • A copy of the application was sent to the LAC on Month: [redacted] Day: [redacted] Year: [redacted] 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

For dredging projects, is the subject property contaminated? Yes No
 • If yes, list contaminant:

Is there potential to impact impaired waters, class A waters, or outstanding resource waters? Yes No

For stream crossing projects, provide watershed size (see WPPT or Stream Stats):
 NA

SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))

Provide a **brief** description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.

Maintenance dredge 102 cubic yards of silt buildup within boatslips at an existing marina to provide adequate docking depth of 3'.

SECTION 3 - PROJECT LOCATION

Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS: 927 Laconia Road

TOWN/CITY: Tilton

TAX MAP/BLOCK/LOT/UNIT: U01/56

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Lake Winnisquam
 N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places): 43.498505° North
 71.518156° West

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))

If the applicant is a trust or a company, then complete with the trust or company information.

NAME: Joseph A. & Helen B. Christi, Trustees

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL ADDRESS: jaysmarina@yahoo.com

FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here: , I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))

N/A

LAST NAME, FIRST NAME, M.I.: Wood, Matthew

COMPANY NAME: NH Environmental Consultants

MAILING ADDRESS: 95 Old Center Harbor Road

TOWN/CITY: Meredith

STATE: NH

ZIP CODE: 03253

EMAIL ADDRESS: nhenvironmentalconsultants@yahoo.com

FAX: 603-279-6700

PHONE: 603-387-9684

ELECTRONIC COMMUNICATION: By initialing here MW, I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))

If the owner is a trust or a company, then complete with the trust or company information.

Same as applicant

NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL ADDRESS:

FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here , I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):

This project has been designed in accordance with the requirements of Rule Chapters Env Wt 300 and 400 and Part Env Wt 523.

SECTION 8 - AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)).* Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)).*

Please refer to the application checklist to ensure you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). Use the Avoidance and Minimization Checklist, the Avoidance and Minimization Narrative, or your own avoidance and minimization narrative.

*See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.

SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

Mitigation Pre-Application Meeting Date: Month: Day: Year:

N/A - Mitigation is not required)

SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable: I confirm submittal.

N/A - Compensatory mitigation is not required)

SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.*

For perennial streams/ivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Scrub-shrub Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Emergent Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Wet Meadow			<input type="checkbox"/>			<input type="checkbox"/>
	Vernal Pool			<input type="checkbox"/>			<input type="checkbox"/>
	Designated Prime Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer			<input type="checkbox"/>			<input type="checkbox"/>
Surface Water	Intermittent / Ephemeral Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Perennial Stream or River			<input type="checkbox"/>			<input type="checkbox"/>
	Lake / Pond	2058		<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank / Shoreline - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
TOTAL		2058					

SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)

<input type="checkbox"/> MINIMUM IMPACT FEE: Flat fee of \$400.
<input type="checkbox"/> NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION: Flat fee of \$400 (refer to RSA 482-A:3, 1(c) for restrictions).
<input checked="" type="checkbox"/> MINOR OR MAJOR IMPACT FEE: Calculate using the table below:
Permanent and temporary (non-docking): 2058 SF × \$0.40 = \$ 823.2
Seasonal docking structure: SF × \$2.00 = \$
Permanent docking structure: SF × \$4.00 = \$
Projects proposing shoreline structures (including docks) add \$400 = \$
Total = \$

The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 823.2

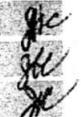
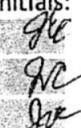
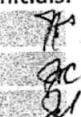
SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)

Indicate the project classification.

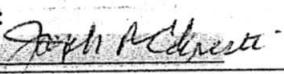
Minimum Impact Project
 Minor Project
 Major Project

SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)

Initial each box below to certify:

Initials: 	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials: 	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
Initials: 	The signer understands that: <ul style="list-style-type: none"> The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> Deny the application. Revoke any approval that is granted based on the information. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1. The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.
Initials: 	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: JOSEPH A. CHRISTI	DATE: 01/20/22
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): [Blank]	PRINT NAME LEGIBLY: [Blank]	DATE: [Blank]
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Matthew Wood	DATE: 1/27/22

SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))

As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

TOWN/CITY CLERK SIGNATURE: 	PRINT NAME LEGIBLY: KIM SOWLES
TOWN/CITY: TOWN CLERK	DATE: 1/25/2022

RECEIVED
JAN 27 2022
NHDES
LAND RESOURCES MANAGEMENT

LACONIA

ROAD

37

36

35

34

33

38

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40

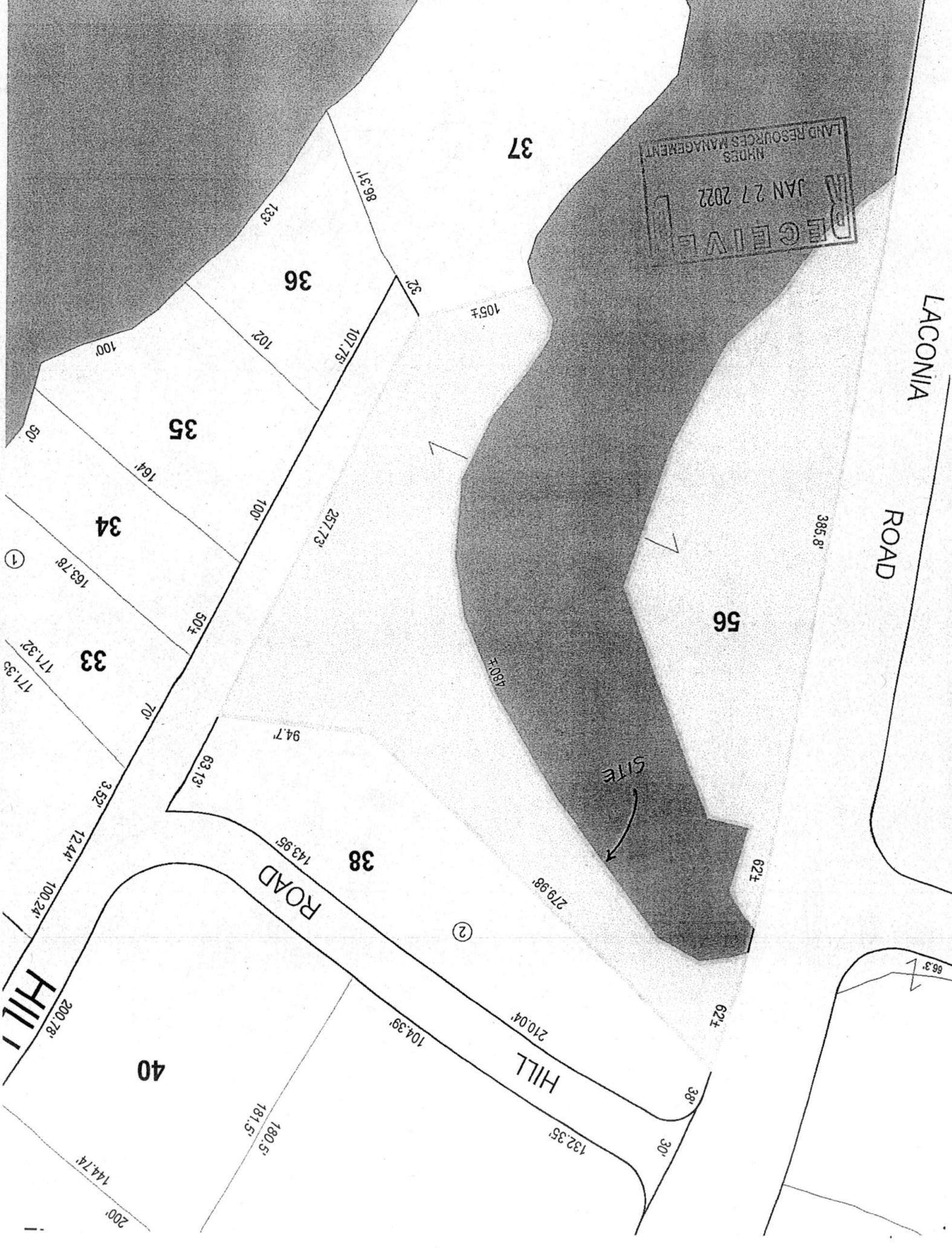
ROAD

HILL

HILL

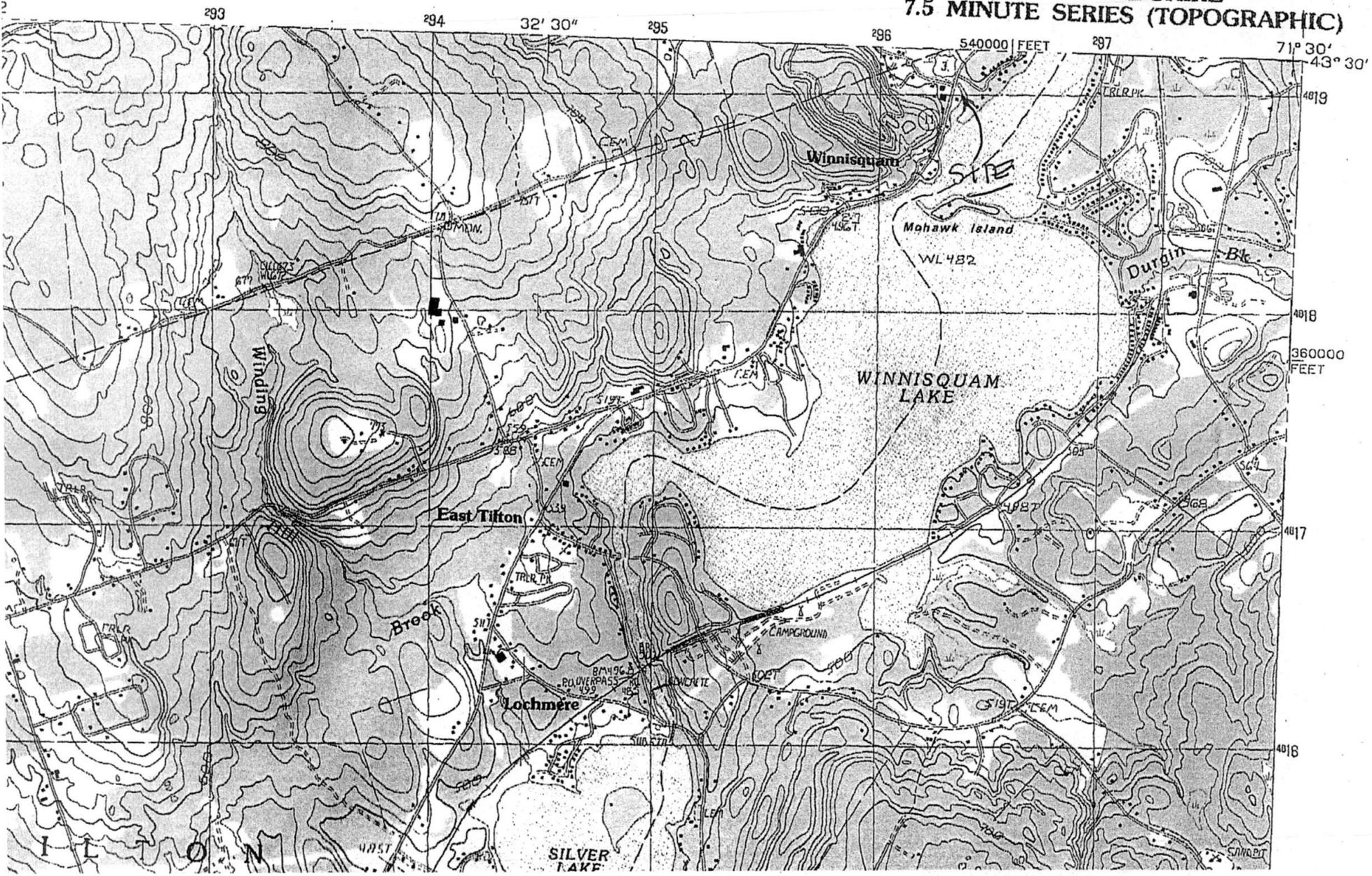
SITE

(2)



RECEIVED
JAN 27 2022
NHDES
LAND RESOURCES MANAGEMENT

NORTHFIELD QUADRANGLE
NEW HAMPSHIRE
7.5 MINUTE SERIES (TOPOGRAPHIC)



New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

To: Matthew Wood
95 Old Center Harbor Road
Meredith, NH 03253

From: NH Natural Heritage Bureau

Date: 1/18/2022 (This letter is valid through 1/18/2023)

Re: Review by NH Natural Heritage Bureau of request dated 1/18/2022

Permit Type: Wetland Standard Dredge & Fill - Major

NHB ID: NHB22-0169

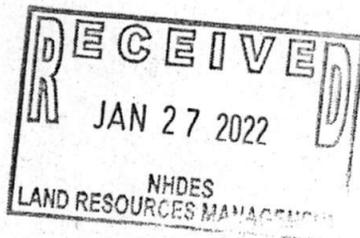
Applicant: Matthew Wood

Location: Tilton
Tax Map: U01, Tax Lot: 56
Address: 927 Laconia Road

Proj. Description: Maintenance dredge 102 cubic yards of silt buildup in boatslips at an existing marina to provide adequate docking depth of 3' within slips.

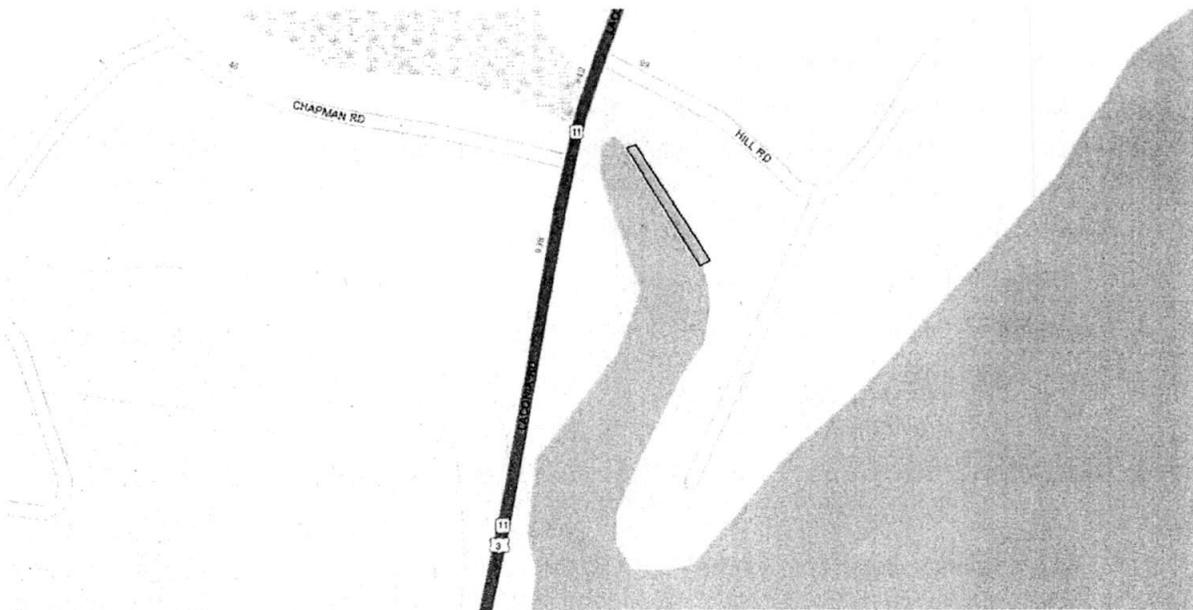
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.



New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

MAP OF PROJECT BOUNDARIES FOR: NHB22-0169





1 foot Abutters List Report

Tilton, NH
January 18, 2022

Subject Property:

Parcel Number: U01-56
CAMA Number: U01-56
Property Address: 927 LACONIA ROAD

Mailing Address: CHRISTI TRUSTEE, JOSEPH A CHRISTI
TRUSTEE, HELEN B

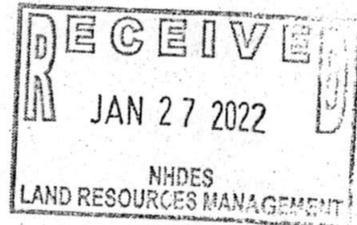
Abutters:

Parcel Number: U01-37
CAMA Number: U01-37
Property Address: 62 HILL ROAD

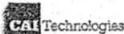
Mailing Address: CARTER, JEFF C 75% CARTER,
CHARLENE 25%

Parcel Number: U01-38
CAMA Number: U01-38
Property Address: 66 HILL ROAD

Mailing Address: ROTH, ERICH J. L.

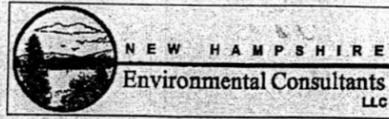


43.49861 / 71.51823 LAT / LONG
1523651 / 363956 ST. PLANE



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.



January 13, 2022

Revised 8-21-22

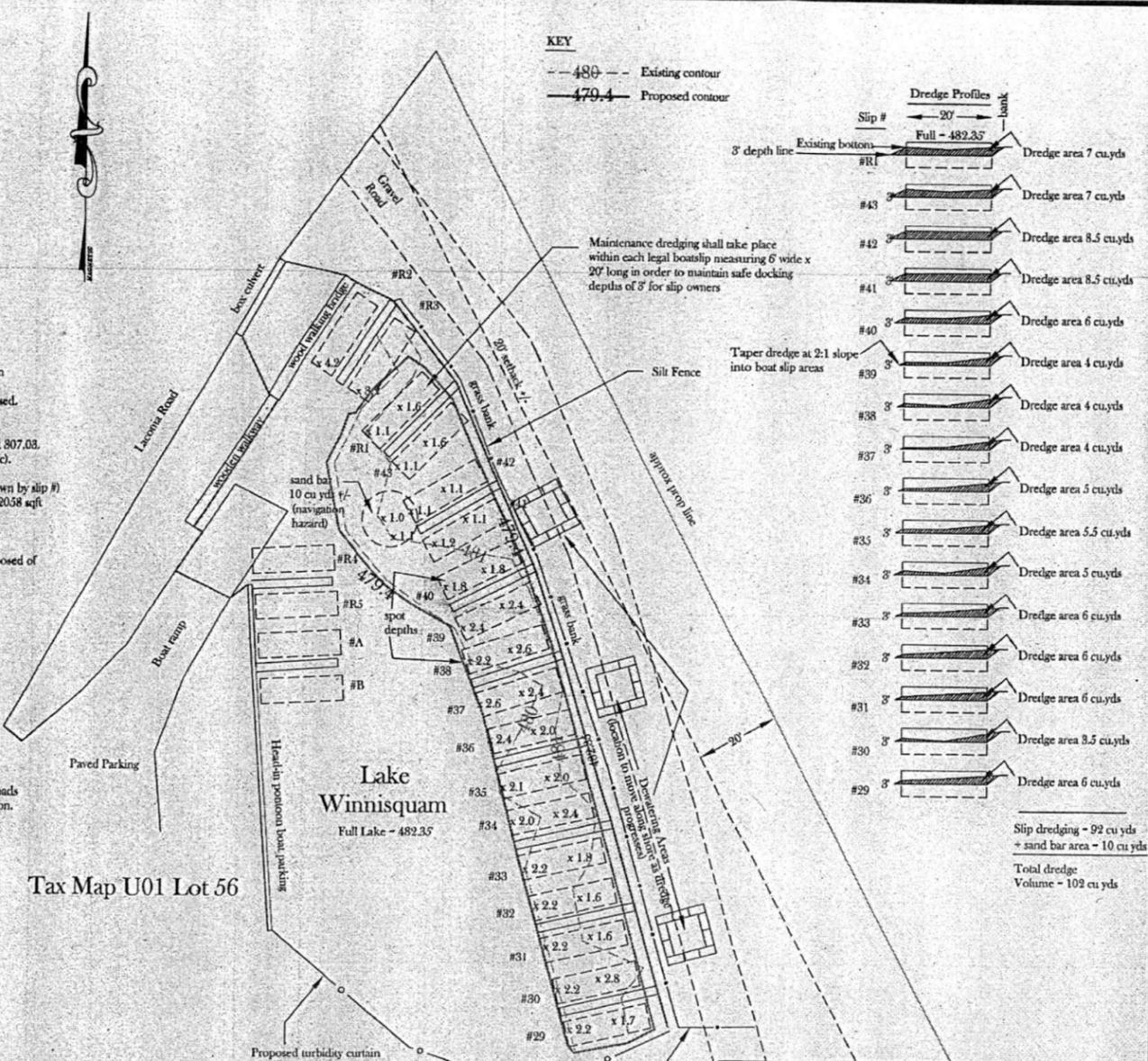
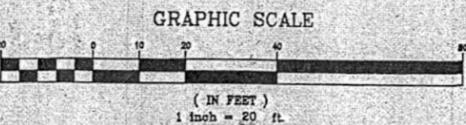
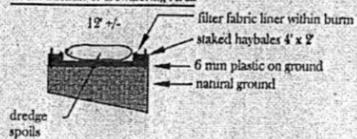
Notes:

- Owner: Joseph A. Christ, Trustee
Helen B. Christ, Trustee
- Site: 927 Laconia Road
Tax Map U01 Lot 56
Tilton, NH
- This plan is not a formal survey. This plan was produced for a NH DES Wetlands permit application and shall not be used for any other purposes.
- Depths taken by stadia rod on 11/3/21 and adjusted to full lake elevation 482.35'
- The purpose of this plan is to show a maintenance dredge of dock slips at an existing marina that have become non-usable by slip owners due to silt build-up over time. No changes to the existing docking system are proposed.
- Dredge spoils to be placed in dewatering areas until dry. Dry spoils to be removed by truck to an area outside of NH DES jurisdiction.
- Appropriate erosion/sediment/turbidity controls to be utilized per Env W/ 807.03.
- This proposal is classified as a major application per rule Env W/ 523.04(c).
- Per Env W/ 523.03(a):
 - The volume to be dredged - 102 cubic yards (see profiles for breakdown by slip #)
 - The area to be dredged - 16 slips @ 120 sqft/ea. + sand bar 138 sqft = 2058 sqft
 - The type of material to be dredged is silty mud lake bottom
 - No invasive species were observed during mapping - 11/3/2021
- Dredge to be conducted primarily from the top of the bank. All spoils to be placed in dewatering areas. Dry spoils to be trucked from site and disposed of outside NH DES jurisdiction.

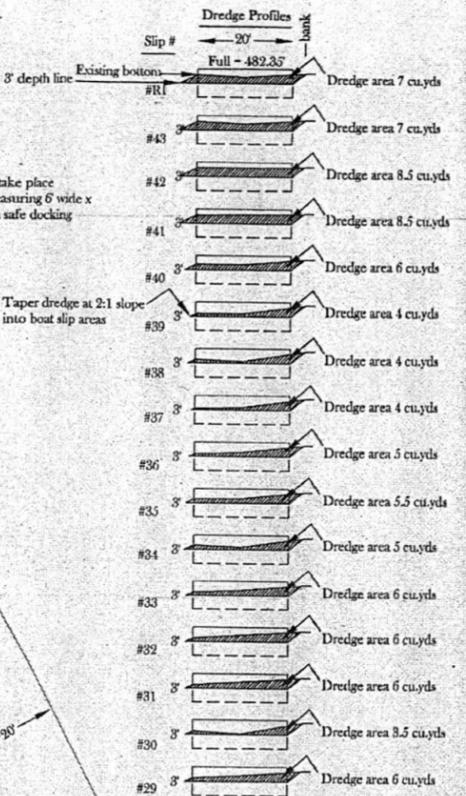
Construction Sequence

- Establish erosion controls - turbidity curtain
- Construct dewatering area(s)
- Dredge slips, placing spoils in dewatering areas
- Upon drying, truck spoils away to be disposed outside DES jurisdiction
- Allow site to settle between truckloads. Assess dredging depths between loads
- All work to be performed within the designated area, prior to boating season.

Cross Section of Dewatering Area



KEY
 ---480--- Existing contour
 ---470.4--- Proposed contour



Slip dredging - 92 cu yds
 + sand bar area - 10 cu yds
 Total dredge
 Volume - 102 cu yds

NH DES Wetlands Plan
 Showing Proposed Maintenance Dredge
 Jay's Marina
 927 Laconia Road
 Tilton, NH

