

LETTER OF TRANSMITTAL

TO: Salisbury Inland Wetlands & Watercourses Commission

FROM:

Haley Ward, Inc. 140 Willow Street, Suite 8

Winsted, CT 06098 Phone: (860) 379-6669 Fax: (860) 738-1272

Date: June 27, 2024 **Project No.**: 251.003

Re: Hotchkiss School Maintenance Dredging

This transmittal and its attachments are being sent via: Fedex

The following items are attached:

Copies	Date	Description			
		(4) Application for Approval of Regulated Activity with description of activity, photos, DEEP reporting form, USGS location map, letter from Sims Family Trust 4) Plan set "Lake Wononskopomuc Dredging, The Hotchkiss School, Interlaken Road (Route 112), Salisbury, Connecticut" prepared by Haley Ward, Inc. dated May 23, 2024, revised to May 31, 2024, consisting of 3 sheets (1) Fee of \$200			

IF ENCLOSURES ARE NOT AS NOTED, PLEASE NOTIFY US IMMEDIATELY

Remarks:

We plan to attend the Commission meeting on July 8, 2024 to present the application.

Signature:	Todd Parsons	

Copy To:



P.O. Box 548 Sallsbury, Connecticut 06068

Conservation Commission

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

1)	Applicants name: The Hotchkiss School (contact John Bryant, Director of Facilities)
2)	Applicants home address:
3)	Applicants business address: 11 Interlaken Road, Lakeville, CT 06039
4)	Applicants Home Phone #: Business Phone #: 860-435-3162
5)	Owner of property: Name: Address: Same as Applicant Phone #:
Signatur	re of property owner consenting to this application:
6)	Applicants interest in the land: Owner
7)	Geographical location of property: 11 Interlaken Road, Lakeville Lat 41.9453°, Lon -73.4398°
	Description of the land: A grassy shoreline leads to Lake Wononskopomuc
	Computation of wetland area or watercourse disturbance: 0.75 acres of the lake will be dredged
8)	Purpose and description of the proposed activity: The applicant proposes to dredge an area that has significant sediment deposits. They will remove 2 to 3 feet of sediment. See the attached description for more information.
9)	Alternatives considered by applicant: The only alternative is to leave the sediment, which will worsen over time.
	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) See attached plan set.
11)	Names and addresses of adjacent property owners:

See attached permission from Sims Family Trust to place an anchor for the turbidity curtain along their shoreline.

See Cover Sheet of the proposed site plans

North: South:

East: West:

12)	an		MCB +
13)	Au rea	asonable	on for the commissioners and agents of the Commission to inspect the property, at times, both before and after a final decision has been issued:
14)	DI	EEP Rep	orting Form 22A-39-14 provided by applicant (Rev. 3/2013)
15)			nformation the Commission deems necessary to the understanding of what the proposing:
16)	Se	ection 7.6	Requirements, if stipulated by agent
17)	Fi	ling Fee:	As defined in current Regulations ication fee for Other Uses > 5,000 SF = \$200
18)	Se	or activiti ection 2 o	es involving a significant activity as determined by the Commission and defined in f the regulations the provisions of Article 7.6 must be submitted with the (Attach documents).
19)	re	sponsible	ed property is within 500 feet of an adjacent municipality the applicant is for providing documentation that the provisions of 8.9 of the regulations have ed: (Attach documents).
DA	TE FIL	ED:	
DA	TE REC	CEIVED	BY COMMISSION:
AC	TION:	a)	INSIGNIFICANT ACTIVITY
		CONE	ITIONS:
			DATE OF APPROVAL:
		b)	SIGNIFICANT ACTIVITY
			PUBLIC HEARING DATE:
			PUBLIC HEARING DATE + 65 DAYS:
СН	ECK LI	ST:	
A.	PUBL	IC NOTI	CE: DATES PUBLISHED:
В.			APPLICANT HAS MAILED COPIES OF PUBLIC NOTICE TO COPERTY OWNERS:
C.	PROO	F OF PR	OVISIONS OF SECTION 8.2 (IF APPLICABLE):

Application for Dredging of Lake Wononskopomuc The Hotchkiss School

Introduction

The Hotchkiss School has a sailboat program. The boats are launched from the jetty on the north side of campus along the shoreline of Lake Wononskopomuc. The school intends to dredge a portion of the lake to maintain the proper depth of water for the boats. The project will take approximately one month.

Project Description

Sucker Brook enters Lake Wononskopomuc on the east side of the cove where the boats are launched. The brook carries sediment which deposits into the lake at the mouth of the brook and forms a delta. While the precise depth of the normal lakebed is unknown, it is estimated to be four to five feet based on bathymetry of the surrounding area. The current depth is approximately 2 to 2.5 feet.

The school intends to dredge an area of approximately 0.75 acres to a depth of five feet from the water surface and remove approximately 1,800 cubic yards of sediment. The work will take place between the mouth of the brook and the existing boat jetty.

Construction Method

Hotchkiss intends to use diver-assisted hydraulic dredging. A diver will direct a suction hose along the bottom of the lake to draw sediment laden water through the hose and into a large dewatering bag. The bag will be placed onshore in an existing flat area that is currently used for boat storage. A filter sock will be placed downstream of the dewatering bag as an additional protection measure. A turbidity curtain will be installed around the work area.

After the dredging is complete, the dewatered spoils will be removed from the bag and disposed of off campus. The erosion and sedimentation controls will remain in place until the site has stabilized and the turbidity ceased.

Hotchkiss has used this method in the past in the same area, most recently in 2016 or 2017.

Impacts to Wetlands and Watercourses

The project will impact 0.75 acres of the lakebed. The dewatering bag and staging area will require approximately 0.2 acres of upland review area that is already developed and currently used for boat storage. Gound disturbance in this area will be minimal.



Area of Proposed Dredging



Area where Dewatering Bag will be Placed



GIS CODE #:	 	 	 	
For DEEP Use Only				

79 Elm Street • Hartford, CT 06106-5127

FORM COMPLETED: YES NO

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

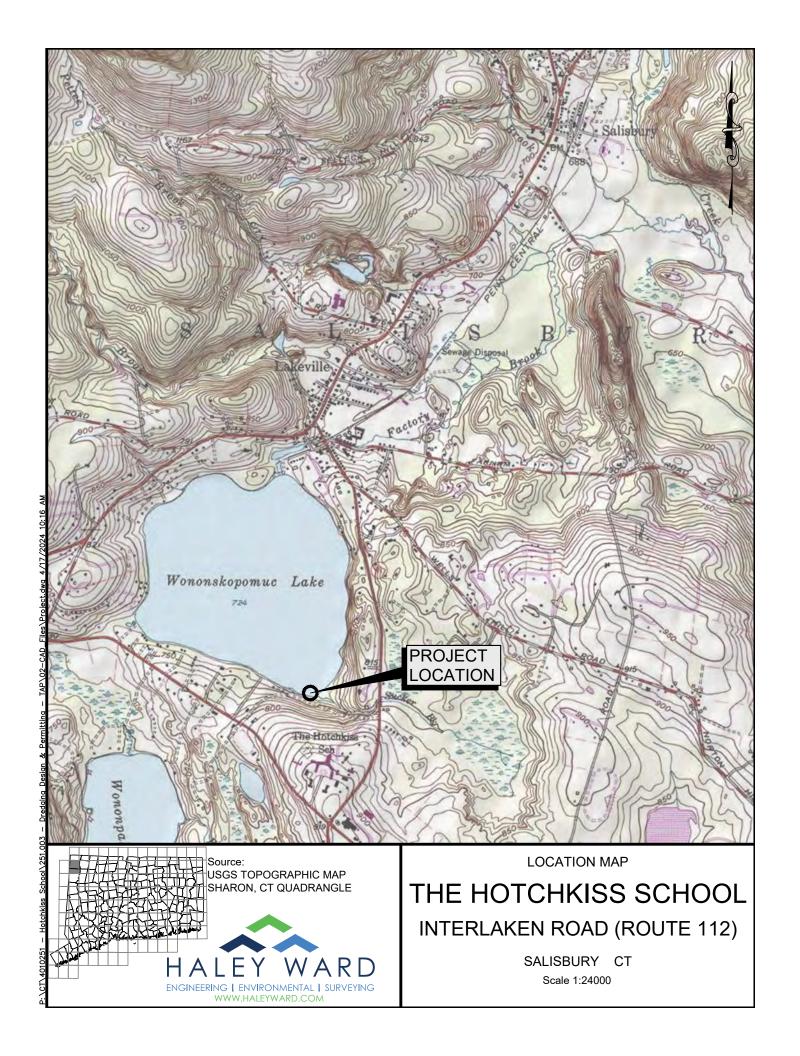
Please complete and mail this form in accordance with the instructions.

If completing by hand - please print and use the <u>pdf version</u>.

Incomplete or incomprehensible forms will be mailed back to the municipal inland wetlands agency.

	incomplete or incomprenensible forms will be mailed back to the municipal inland wetlands agency.
	PART I: Must Be Completed By The Inland Wetlands Agency
1.	DATE ACTION WAS TAKEN: year: Click Here for Year month: Click Here for Month
2.	CHOOSE ACTION TAKEN (see instructions for code): Click Here to Choose a Code
3.	WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4.	NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
	(type name) (signature)
	PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant
5.	TOWN IN WHICH THE ACTIVITY IS OCCURRING (type name): Salisbury
	does this project cross municipal boundaries (check one)? yes \(\square\) no \(\square\)
	if yes, list the other town(s) in which the activity is occurring (type name(s)):,
6.	LOCATION (click on hyperlinks for information): <u>USGS quad map name</u> : <u>Sharon</u> or <u>quad number</u> :
	subregional drainage basin number: 6005
7.	NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): The Hotchkiss School
8.	NAME & ADDRESS OF ACTIVITY / PROJECT SITE (type information): The Hotchkiss School, 11 Interlaken Road, Lakeville
	briefly describe the action/project/activity (check and type information): temporary permanent description: permanent
9.	ACTIVITY $PURPOSE$ CODE (see instructions for code): $\underline{\mathbf{K}}$
10.	ACTIVITY TYPE CODE(S) (see instructions for codes): 11, Click for Code, Click for Code, Click for Code
11.	WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, type acres or linear feet as indicated): wetlands: <u>0.00</u> acres open water body: <u>0.75</u> acres stream: <u>0.00</u> linear feet
12.	UPLAND AREA ALTERED (type acres as indicated): 0.00 acres
13.	AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type acres as indicated): 0.00 acres
	<u></u> uoloo
DA ⁻	TE RECEIVED: PART III: To Be Completed By The DEEP DATE RETURNED TO DEEP:

FORM CORRECTED / COMPLETED: YES NO



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Proposed dredging

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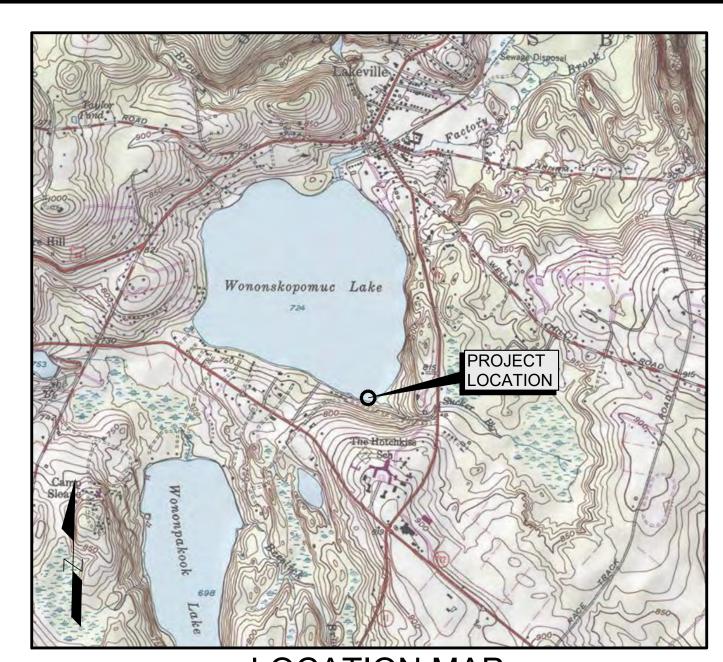
CAMPUS MAP
SCALE: 1"= 600'

LAKE WONONSKOPOMUC DREDGING THE HOTCHKISS SCHOOL

INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CT

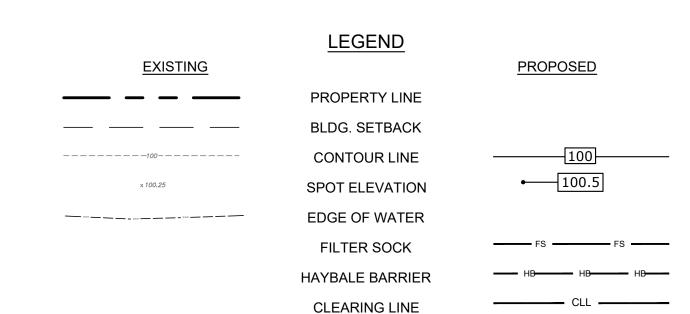
MAY 23, 2024

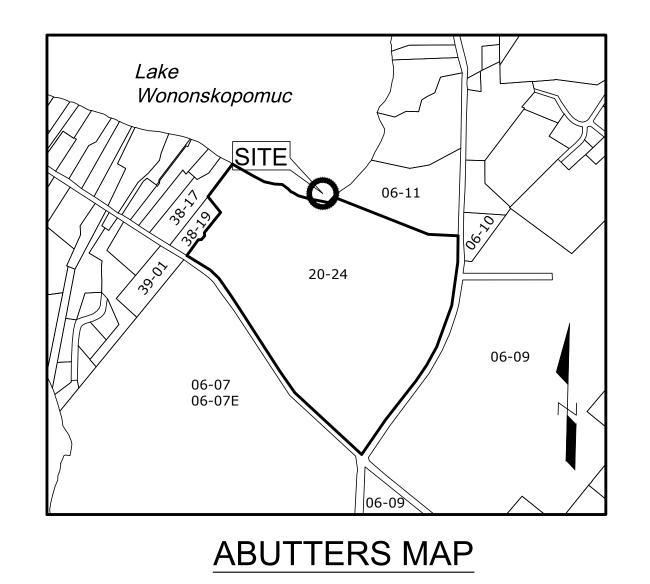
Revised: May 31, 2024



SCALE: 1"= 2000'

DATE





SCALE: 1"= 1,000'

List of abutters as of May 20, 2024					
Мар	Lot	Owner Name	Address		
		Direct abutting			
	NORTH				
		LAKE WONONSKOPOMUC			
06	11	SIMS JENNIFER & FRANK TR SIMS FAMILY TRUST	PO BOX 633 LAKEVILLE, CT 06039		
	EAST				
06	10	FINE ARTS TRUST LLC	164 SALMON KILL ROAD LAKEVILLE, CT 06039		
06	09 HOTCHKISS SCHOOL		11 INTERLAKEN RD LAKEVILLE, CT 06039		
	SOUTH				
06	09	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039		
06	07	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039		
06	07E	SALISBURY TOWN OF	27 MAIN ST SALISBURY, CT 06068		
39	01 HOTCHKISS SCHOOL		11 INTERLAKEN RD LAKEVILLE, CT 06039		
	WEST				
38	19	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039		
38	17	INTERLAKEN INN ASSOCIATES	74 INTERLAKEN RD LAKEVILLE, CT 06039		

OWNER/APPLICANT

HOTCHKISS SCHOOL 11 INTERLAKEN RD LAKEVILLE, CT 06039 LIST OF DRAWINGS

1 COVER

2 SITE PLAN

03 DETAILS

PERMITTING

HALEY WARD

ENGINEERING | ENVIRONMENTAL | SURVEYING

WWW.HALEYWARD.COM

PROJECT

LAKE WONONSKOPOMUC DREDGING

THE HOTCHKISS SCHOOL

INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CONNECTICUT

TITLE

COVER

DATE

May 23, 2024

DRAWN BY

JS

PROJECT NO.

4010251.003

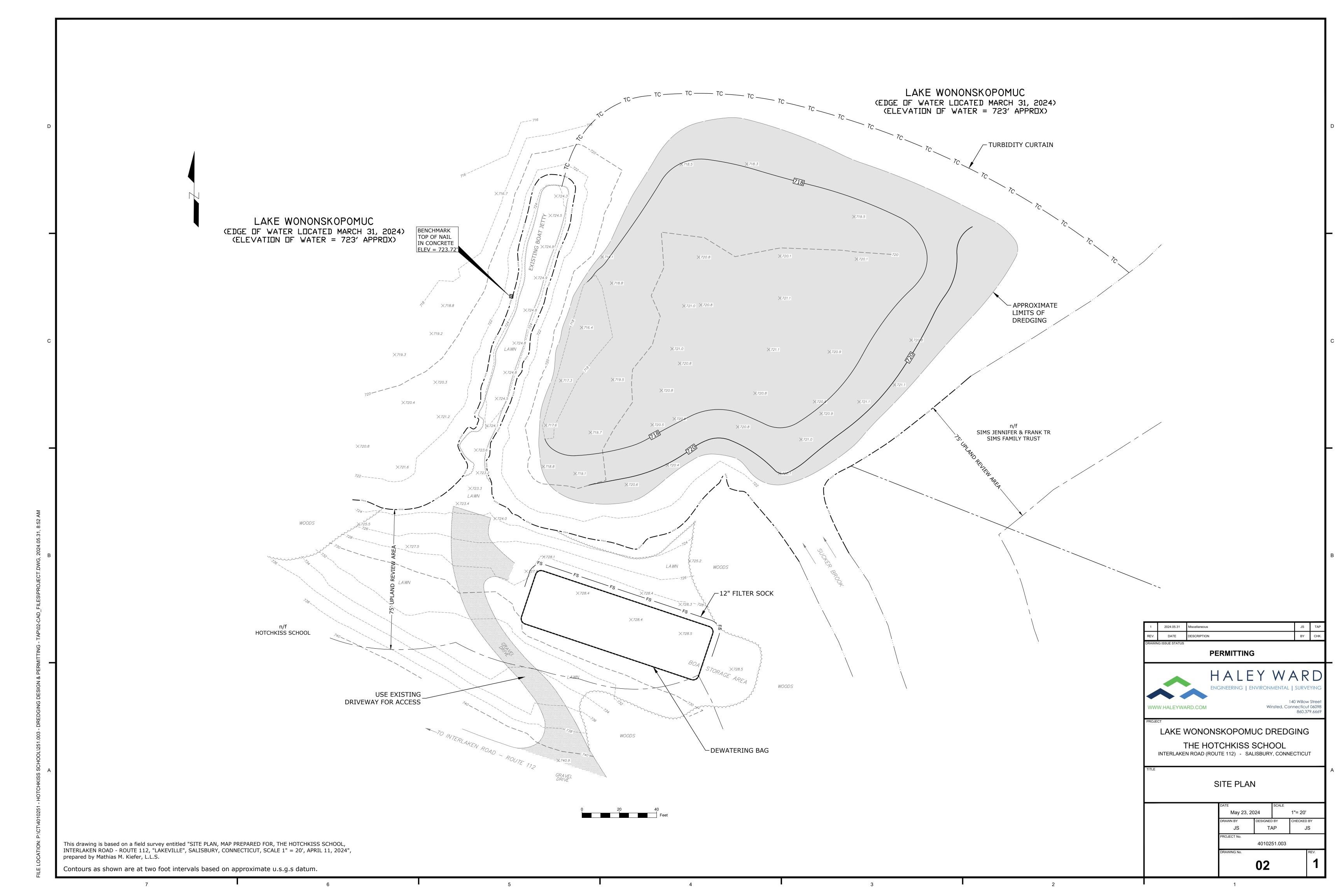
DRAWING NO.

REV.

1

GENERAL NOTES

- 1. The Contractor shall contact Call-Before-You-Dig at 1-800-922-4455 for marking of utilities prior to any excavation. Location of existing utilities is based on information provided by
- 2. The Contractor shall obtain copies of all permits and comply with all permit conditions.
- 3. The contractor shall restore all disturbed areas to the satisfaction of the owner.



The Contractor is required to obtain copies of, and comply with the conditions of all permits for this project, including but not limited to:

- Municipal Inland Wetlands Permit
- Municipal Planning & Zoning Permit

The Contractor's activities and operations include all site work and work incidental to the project including, but not limited to haul roads, waste and disposal areas, staging areas, and field offices. If any of his activities require approvals above and beyond those already accounted for by the Owner's permits, the Contractor shall apply for and obtain such permits prior to conducting those operations. If incidental work such as haul roads, waste and disposal areas, staging areas, and field offices are not shown on the plans, and require additional erosion control, the Contractor shall provide such controls.

2. PROJECT DESCRIPTION AND SITE CHARACTERISTICS

The site is a 0.75-acre portion of Lake Wononskopomuc where Sucker Brook discharges into the lake. Sediment from the brook is deposited into the lake and builds up, making it difficult to launch sailboats. This area has been dredged in the past. The project will use diver-assisted hydraulic dredging. Sediment-laden water is drawn through a hose and discharged into a large filter bag. The bag retains the sediment, while clean water runs back into the lake. Additional measures include a filter sock downstream of the filter bag and a turbidity curtain in the lake around the work area.

3. CONSTRUCTION SEQUENCING

- 1. Confirm all permits are in place.
- 2. If required by the Town, hold a preconstruction meeting.
- 3. Install filter socks where shown on the plans.
- 4. Install filter bag.
- 5. Install turbidity curtain.
- 6. Dredge lake.
- 7. Remove filter bag and contents after dredging is complete and bag is dewatered. If required, use multiple bags.
- 8. Restore all disturbed areas.
- 9. Remove erosion and sediment controls after stabilization of the site
- Work is expected to occur in the summer of 2025 and take approximately one month.

4. RESPONSIBILITY

4.1 RESPONSIBILITIES OF OWNER/PERMITEE

The Owner/Permittee is The Hotchkiss School, 11 Interlaken Road, Lakeville, CT 06039. Contact John Bryant. Phone 860-435-3162.

The Owner/Permittee shall:

- A. Provide the Contractor with copies of land-use permits that Owner has acquired.
- B. Inform all parties involved with the proposed site work of this plan's objectives and requirements.

4.2 RESPONSIBILITIES OF CONTRACTOR

- The Contractor is responsible for preventing erosion of the site and for protecting adjacent waterways from sedimentation. The Contractor shall:
- A. Install, monitor, and maintain the soil erosion and sediment control measures as shown on this plan.
- B. Comply with all permit requirements.
- C. Provide the Owner, Engineer, and the municipality with 24 hour phone numbers in the event of an emergency at the

5. PRECONSTRUCTION CONFERENCE

If required by the Town, the Contractor shall initiate a preconstruction conference with the Owner, Contractor, Engineer, and a municipal representative to review the proposed soil erosion and sediment control measures.

6. DESCRIPTION AND MAINTENANCE OF EROSION CONTROL MEASURES

6.1 TEMPORARY STABILIZATION MEASURES

Filter Sock:

Install filter sock as shown on the plans and details. Socks shall consist of a filter media inside of a mesh tube. Stake the filter sock at four-foot intervals or as called for by the manufacturer. Filter socks less than 12 inches in diameter shall be installed in a shallow depression. Where the filter sock is not continuous, it shall be overlapped a minimum of three feet. Remove sediment once levels have reached 1/4 of the effective sock. Repair and/or replace filter sock immediately if damaged or deteriorated. See table below for more information.

Project Duration Mesh Material Up to 5 years Multi-Filament Polypropylene Biodegradable Cotton Fiber Up to 12 months Up to 18 Months Biodegradable Wood Fiber

6.2 TEMPORARY STRUCTURAL MEASURES

Filter Bag (Dewatering Bag):

Install a temporary filter bag in the location shown on the plan. When the dredging is complete, remove the contents and dispose of off campus. Remove and dispose of the bag.

Install a turbidity curtain where shown on the plans to contain siltation of the lake. Maintain the curtain in place until dredging is complete and turbidity has completely settled out.

6.3 PERMANENT STABILIZATION MEASURES

Seed and Mulch: Immediately following removal of the filter bag, evaluate disturbance of underlying ground surface. If necessary, restore areas with seed and mulch.

Prior to seeding, submit soil samples to a qualified soils laboratory for recommendations on liming and fertilizer. Follow the laboratory recommendations. All areas, to be re-vegetated, shall be seeded at a rate of 6 lbs/1,000 SF as follows:

For seeding between May 1st and August 15th: Creeping red fescue

Chewings red fescue 20 parts Kentucky 31 tall fescue 20 parts Domestic rye grass 25 parts For seeding any other time of year: Creeping red fescue Chewings red fescue 20 parts Kentucky 31 tall fescue 15 parts

Baron bluegrass

Rough bluegrass

Immediately after seeding operations, cover the seedbed with hay or straw mulch at a rate of 100 lbs./1000 sq. ft. Mulch must be free of weeds and coarse matter. Spread mulch by hand or by mulch blower. Mulch anchoring is required by tractor drawn anchoring device along contour, or by tracking with a bulldozer (cleats parallel to contour) on slopes flatter

20 parts

10 parts

6.4 OTHER CONTROLS

Waste Disposal:

Provide an adequate number of covered waste containers to ensure that no litter, debris, building materials, or similar materials are discharged to wetlands or watercourses. Instruct subcontractors to use the containers for waste material. Empty the containers promptly when full.

7. GENERAL CONDITIONS

- 7.1 If erosion control measures are damaged by construction vehicles, acts of vandalism, or severe weather conditions, the Contractor shall immediately remove sediment in the vicinity of the erosion control measures and repair these measures to a functional condition.
- 7.2 If, during or after construction, it becomes apparent that existing erosion control measures are incapable of controlling erosion, the Owner, the Engineer, or the municipality may require additional control measures including, but not limited to; additional haybales, silt fence, sediment basins, or mechanically anchored mulch.
- 7.3 Refueling of equipment or machinery within 75 feet of any wetland or watercourse is prohibited.
- 7.4 No materials resulting from construction activities shall be placed in or allowed to contribute to the degradation of an adjacent wetland or watercourse. Disposal of any material shall be in accordance with Connecticut General Statutes, including, but not limited to, Sections 22a-207 through 22a-209.
- 7.5 Dumping of oil, chemicals or other deleterious materials on the ground is forbidden. The Contractor shall provide a means of catching, retaining, and properly disposing of drained oil, removed oil filters, or other deleterious material. All spills of such materials shall be reported immediately by the Contractor to the DEEP.

SPILL PREVENTION & EMERGENCY RESPONSE PLAN

I. Introduction

Work at this site will occur in Lake Wononskopomuc. The Contractor shall take all necessary precautions to minimize the

This plan describes the minimum spill prevention and emergency response measures that the Contractor must undertake during the course of this project to protect valuable water resources.

II. Supervision

The Contractor shall provide a qualified, full-time Superintendent who shall work on site during all active phases of the work, for the duration of construction activity. The Superintendent shall be fully trained and authorized to implement this plan. All employees working on this site shall be instructed in this plan prior to the start of construction. III. Potential for Pollution

Pollution of Lake Wononskopomuc could result from damage caused by a heavy runoff event, normal construction

Runoff-induced pollutants include sediment from dredged spoils. The project's Erosion Control Plan, contends with managing soil erosion and pollution associated with sedimentation.

Operations which could cause pollution include loading of spoils or refueling and servicing of construction equipment. Accidents which could cause pollution include spills, leaks, and ruptured hydraulic lines.

IV. Prevention Measures

The Contractor shall implement the following measures to prevent and control potential adverse impacts to the lake and

1. Install a turbidity curtain in accordance with the plans and details. Refer to the site plan for location.

2. Inspect the curtain daily and repair it or replace it immediately if it is damaged.

3. Immediately remove floating construction or natural debris from the work area to avoid damaging the curtain. B. Maintenance Operations

1. All refueling and maintenance of equipment (except water-dependent equipment) must take place on dry land at least 75 feet from the lake.

2. Immediately clean all spills with absorbent materials from spill kits that are stored on-site. Properly dispose of all

wastes and used absorbent materials immediately following cleanup. 3. Use spigots or funnels to minimize drips or leaks when transferring fluids.

4. Keep hydraulic and mechanical equipment in good repair. Clean all drips promptly.

5. Vehicle and equipment washing is prohibited at this location.

C. Storage Procedures

1. Continuous fuel storage is prohibited at this location. Fuel for equipment may be brought to the site daily in portable tanks. Any portable tanks must be removed from the site daily, prior to close of business for the day.

2. Relocate all construction equipment at least 75 feet away from the lake at the close of each work day.

3. Protect stored materials from exposure to rainfall to the maximum extent practicable. D. Loading and Unloading Procedures

1. Qualified personnel, trained in spill response procedures, shall continuously observe all transfers of fuel to

construction equipment 2. Refuel equipment only during daylight hours.

3. Prior to unloading, inspect hose connections on all construction equipment arriving at the site for leaks or problems. Repair any leaks or problems prior to off-loading equipment.

4. Verify the capacity of a receiving tank prior to unloading fluid contents into storage.

5. Reduce flow rate when topping off any kind of storage tank to prevent overfills.

6. Secure all delivery trucks wheel chocks and parking brake during loading and unloading operations. 7. Position delivery trucks during unloading to allow for a rapid response to a hose leak or other type of leak or spill.

The Contractor shall maintain a complete and easily accessible spill cleanup kit on the site and shall train all personnel working at the site as to the location and proper use of spill-kit contents. The spill kit, at a minimum, shall contain at least the following contents:

1. 5 gallons of absorbent materials (minimum)

2. Shovel

3. Broom

4. 100 linear feet of absorbent boom

5. Waste drum with a minimum capacity of 30-gallon capacity (minimum)

6. Absorbent pads in an adequate quantity to absorb a minimum of 10 gallons of oil

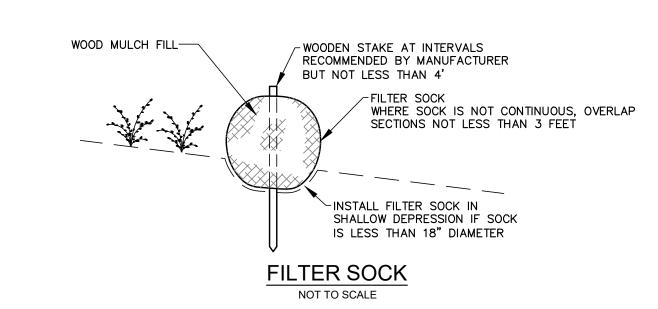
VI. Spill Response Procedures

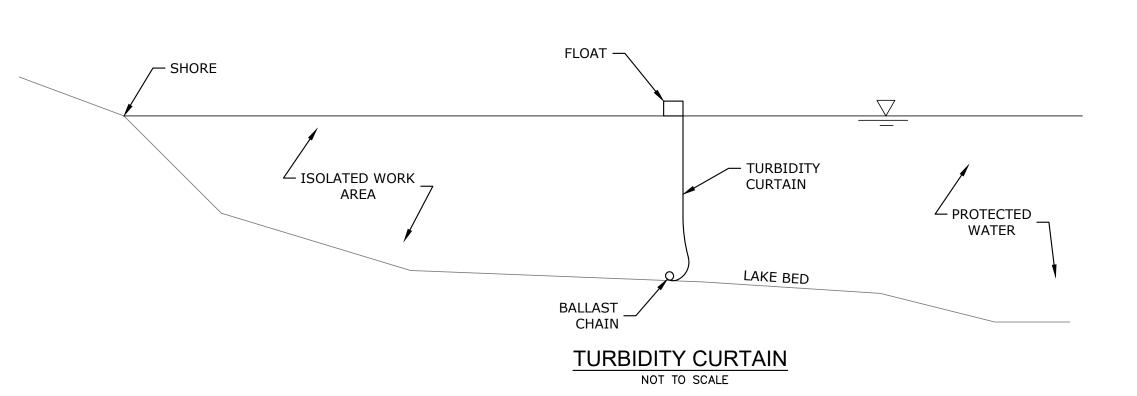
In the event of a spill, the Contractor and his or her staff shall implement the following response procedures: 1. Any employee who is aware of a spill or leak shall immediately advise the Contractor's Superintendent.

2. The Superintendent shall evaluate the nature and extent of the spill and determine the necessary response.

3. If the Superintendent determines that the spill is very minor and no threat to the watercourses or water bodies, the Superintendent shall direct the cleanup. The Contractor's work force shall contain the spill as close to the source as possible with tools and absorbent materials contained in the emergency spill kit. As necessary, the Contractor's work force shall construct additional dikes to protect swales, storm sewers, and watercourses down-gradient from the spill. Immediately following the cleanup, the Contractor shall properly dispose of all waste material, including used absorbent materials. The Contractor shall contact the DEEP Oil and Chemical Spills Unit at 860-424-3338 for guidance regarding proper disposal of hazardous or regulated wastes.

4. If the Superintendent determines that the spill presents the potential for a health hazard, environmental hazard, or fire or explosion potential, he or she shall immediately call 911 to report the incident and solicit a response from the local Fire Department. Upon a response from the Fire Department or DEEP, the Contractor shall act as directed by the Fire Department or DEEP.





DATE PERMITTING ENGINEERING | ENVIRONMENTAL | SURVEYING 140 Willow Stree Winsted, Connecticut 06098 /WW.HALEYWARD.COM 860.379.666 LAKE WONONSKOPOMUC DREDGING THE HOTCHKISS SCHOOL INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CONNECTICUT **DETAILS** JS 4010251.003