NOTICE OF INTENT

261 & 273 Lincoln Road Sudbury, Massachusetts

January 30, 2020

Applicant:

Richard Williamson 273 Lincoln Road Sudbury, MA 01776

Prepared By:

Williams & Sparages LLC 189 North Main Street, Suite 101 Middleton, MA 01949 Ph: 978-539-8088

Fax: 978-539-8200

www.wsengineers.com

W&S Project No: SUDB-0018





Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Sudbury City/Town

Important: When filling out

forms on the computer, use only the tab key to move your cursor - do not use the return key.





Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

261 & 273 Lincoln Road	Sudbury	01776		
a. Street Address	b. City/Town	c. Zip Code		
1 Chalanal Laurithadan	42.39641 N	71.38752 W		
Latitude and Longitude:	d. Latitude	e. Longitude		
F12	1 & 2			
f. Assessors Map/Plat Number	g. Parcel /Lot Number			
Applicant:				
Richard	Williamson			
a. First Name	b. Last Name			
c. Organization				
273 Lincoln Road				
d. Street Address				
Sudbury	MA	01776		
e. City/Town	f. State	g. Zip Code		
	williamson01773@yal	hoo.com		
h. Phone Number i. Fax Numbe	j. Email Address			
Property owner (required if differen	t from applicant): 🛛 Check if r	more than one owner		
(see attached)				
a. First Name	b. Last Name	b. Last Name		

c. Organization d. Street Address f. State g. Zip Code e. City/Town h. Phone Number i. Fax Number j. Email address 4. Representative (if any): Hochmuth b. Last Name a. First Name Williams & Sparages LLC

c. Company 189 North Main Street, Suite 101 d. Street Address MA 01949 Middleton g. Zip Code f. State e. City/Town ghochmuth@wsengineers.com (978) 539-8088 (978) 539-8200

i. Fax Number 5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$512.50 \$537.50 \$1,050.00 b. State Fee Paid c. City/Town Fee Paid a. Total Fee Paid

j. Email address

h. Phone Number



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Λ	Conora	Information	(continued)
М.	Genera	ı illibililalıblı	(COHIHIUGU)

6.	 General Project Description: To restore bordering vegetated wetlands altered during the cleanup of hazourdous materials. 		
	\$		
7a	. Project Type Checklist: (Limited Project Types see	e Section A. 7b.)	
	1. Single Family Home	2. Residential Subdivision	
	3. Commercial/Industrial	4. Dock/Pier	
	5. Utilities	6. Coastal engineering Structure	
	7. Agriculture (e.g., cranberries, forestry)	8. Transportation	
	9. 🛛 Other	**	
7b.			2
	2. Limited Project Type If the proposed activity is eligible to be treated as a CMR10.24(8), 310 CMR 10.53(4)), complete and a Project Checklist and Signed Certification.	n Ecological Restoration Limited Project (310 ttach Appendix A: Ecological Restoration Limite	d
8.	Property recorded at the Registry of Deeds for:		
	Essex South a. County See attached	b. Certificate # (if registered land)	
	c. Book	d. Page Number	
B.	Buffer Zone & Resource Area Imp	acts (temporary & permanent)	
1.	☐ Buffer Zone Only – Check if the project is locate Vegetated Wetland, Inland Bank, or Coastal Re		
2.	Inland Resource Areas (see 310 CMR 10.54-10 Coastal Resource Areas).		
	Check all that apply below. Attach narrative and an project will meet all performance standards for each standards requiring consideration of alternative project.	n of the resource areas altered, including	

Property Owner Information:

Paul Cleveland 261 Lincoln Road Sudbury, MA 01776

Deed Reference: Book 11589, Page 484

Richard Williamson 273 Lincoln Road Sudbury, MA 01776

Deed Reference: Book 71473, Page 13





For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Massachusetts Department of Environmental ProtectionBureau of Resource Protection - Wetlands

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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Resour	ce Area	Size of Proposed Alteration	Proposed Replacement (if any)
а. 🗌	Bank	1. linear feet	2. linear feet
b. 🛛	Bordering Vegetated	16,600+/-	16,600+/-
D. 🔼	Wetland	1. square feet	2. square feet
с. 🗌	Land Under Waterbodies and	1. square feet	2. square feet
	Waterways	3. cubic yards dredged	-
Resour	ce Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. 🛛	Bordering Land	unknown	to be restored to pre-fill
u. 🔼	Subject to Flooding	1. square feet	condition
		3. cubic feet of flood storage lost	4. cubic feet replaced
е. П	Isolated Land	_	
о	Subject to Flooding	1. square feet	
		2. cubic feet of flood storage lost	3. cubic feet replaced
f. 🗌	Riverfront Area	Name of Waterway (if available) - s	pecify coastal or inland
2.	Width of Riverfront Area	(check one):	
	25 ft Designated [Densely Developed Areas only	
	☐ 100 ft New agricu	Itural projects only	
	200 ft All other pro	pjects	
2 7	Cotal area of Riverfront Ar	rea on the site of the proposed pro	iect:
			square feet
4. F	Proposed alteration of the	Riverfront Area:	
a. to	otal square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
5. H	Has an alternatives analys	sis been done and is it attached to	this NOI? Yes No
6. V	Vas the lot where the acti	vity is proposed created prior to A	ugust 1, 1996?
☐ Coa	ıstal Resource Areas: (Se	ee 310 CMR 10.25-10.35)	
Note: f	or coastal riverfront areas	s, please complete Section B.2.f .	above.



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Pr	ovided by MassDEP:
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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resou	ırce Area	Size of Propose	Size of Proposed Alteration Proposed Replacement (i	
а. 🗌	Designated Port Areas	Indicate size u	nder Land Unde	er the Ocean, below
b. 🗌	Land Under the Ocean	1. square feet		
		2. cubic yards drede	ged	
с. 🗌	Barrier Beach	Indicate size un	der Coastal Bea	aches and/or Coastal Dunes below
d. 🗌	Coastal Beaches	1. square feet		2. cubic yards beach nourishment
е. 🗌	Coastal Dunes	1. square feet		2. cubic yards dune nourishment
		Size of Propose	d Alteration	Proposed Replacement (if any)
f. 🔲	Coastal Banks	1. linear feet		
g. 🗌	Rocky Intertidal Shores	1. square feet		
h. 🔲	Salt Marshes	1. square feet		2. sq ft restoration, rehab., creation
i. 🗌	Land Under Salt Ponds	1. square feet		
		2. cubic yards dredg	jed	
j. 🗌	Land Containing Shellfish	1. square feet		
k. 🗌	Fish Runs			ks, inland Bank, Land Under the er Waterbodies and Waterways,
		1. cubic yards dredg	ed	
I. 🔲	Land Subject to Coastal Storm Flowage	1. square feet		
If the p	estoration/Enhancement project is for the purpose of footage that has been en	f restoring or enhar	ncing a wetland 2.b or B.3.h abo	resource area in addition to the ve, please enter the additional
a. square	e feet of BVW	_	b. square feet of S	Salt Marsh
☐ Pro	oject Involves Stream Cros	ssings		
a. numbe	er of new stream crossings		b. number of repla	acement stream crossings

4.

5.



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Pro	ovided by MassDEP:
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C. Other Applicable Standards and Requirements

☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

 Is any portion of the proposed project located in Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. 🗌 Yes 🛚	No	If yes, include proof of mailing or hand delivery of NOI to
		Natural Heritage and Endangered Species Program Division of Fisheries and Wildlife
8/2017 b. Date of map		1 Rabbit Hill Road Westborough, MA 01581

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).

Э.	Submit Supplemental	Information	for Endangered	Species Review*
----	---------------------	-------------	----------------	-----------------

	1. ⊔ P€	ercentage/acreage of property to be a	tered;
	(a) With	hin wetland Resource Area	percentage/acreage
	(b) out	side Resource Area	percentage/acreage
2. Assessor's Map or right-of-way plan of site		site	
	wetlands juriso	ans for entire project site, including we diction, showing existing and propose n clearing line, and clearly demarcate	
		roject description (including descriptio uffer zone)	n of impacts outside of wetland resource area &
	(b) 🗌 Pi	notographs representative of the site	

^{*} Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

^{**} MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.

wpaform3.doc • rev. 2/8/2018

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C. Other Applicable Standards and Requirements (cont'd)

	(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and <i>mail to NHESP</i> at above address				
	Projects altering 10 or more acres of land, also submit:				
	(d) Vegetation cover type map of site				
(e) Project plans showing Priority & Estimated Habitat boundaries					
	(f) OR Check One of the Following				
Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10 http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions. the NOI must still be sent to NHESP if the project is within estimated habitat pursual 310 CMR 10.37 and 10.59.)				/mesa exemptions.htm;	
	2. 🗌	Separate MESA review ongoing.	a. NHESP Tracking #	b. Date submitted to NHESP	
	3.	Separate MESA review completed. Include copy of NHESP "no Take" dete Permit with approved plan.	rmination or valid Conse	vation & Management	
3.	3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?				
	a. ☑ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No				
	If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:				
	South Shore the Cape & I	e - Cohasset to Rhode Island border, and Islands:	North Shore - Hull to New	Hampshire border:	
	Southeast M Attn: Enviror 836 South R New Bedford	flarine Fisheries - Ilarine Fisheries Station Ilarine Fisheries Statio	Division of Marine Fisheric North Shore Office Attn: Environmental Revie 30 Emerson Avenue Gloucester, MA 01930 Email: DMF.EnvReviev	wer	

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



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Provided	by	MassDEP:	

MassDEP File Number

Document Transaction Number Sudbury City/Town

C. Other Applicable Standards and Requirements (cont'd)

	4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
Online Users: Include your document		a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEF Website for ACEC locations). Note: electronic filers click on Website.
transaction		b. ACEC
number (provided on your receipt page)	5.	Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
with all supplementary		a. 🗌 Yes 🔯 No
information you submit to the Department.	6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)
		a. 🗌 Yes 🖾 No
	7.	Is this project subject to provisions of the MassDEP Stormwater Management Standards?
		a. Tes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
		 Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
		2. A portion of the site constitutes redevelopment
		3. Proprietary BMPs are included in the Stormwater Management System.
		b. 🛛 No. Check why the project is exempt:
		1. Single-family house
		2. Emergency road repair
		3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.
	D.	Additional Information
		This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).
		Applicants must include the following with this Notice of Intent (NOI). See instructions for details.
		Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.
		1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site (Electronic filers may omit this item.)
		2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative

to the boundaries of each affected resource area.



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Pro	ovided by MassDEP:
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Additional Information (cont'd)

Add	ittional information (conta)			
3. 🛛	Identify the method for BVW and other re Field Data Form(s), Determination of App and attach documentation of the meth	licability, Order of Resource		
4. 🛛	List the titles and dates for all plans and o	other materials submitted with	this NOI.	
	etland/Buffer Zone Restoration Plan			
	Plan Title			
	illiams & Sparages LLC Prepared By	Richard L. Williams, PE c. Signed and Stamped by		
	Prepared By Sbruary 10, 2020	1" = 20'		
	Final Revision Date	e. Scale		
f. A	Additional Plan or Document Title		g. Date	
5. 🗌	If there is more than one property owner, listed on this form.	please attach a list of these p	property owners not	
6.	Attach proof of mailing for Natural Heritag	e and Endangered Species F	^o rogram, if needed.	
7.	Attach proof of mailing for Massachusetts	Division of Marine Fisheries	, if needed	
8. 🛛	Attach NOI Wetland Fee Transmittal Form	ı		
9. 🗌	Attach Stormwater Report, if needed.	Stormwater Report, if needed.		
Fees				
1.	Fee Exempt: No filing fee shall be assess of the Commonwealth, federally recognize authority, or the Massachusetts Bay Trans	ed Indian tribe housing author	vn, county, or district rity, municipal housing	
	ants must submit the following information (i ansmittal Form) to confirm fee payment:	n addition to pages 1 and 2 o	of the NOI Wetland	
2696	, , ,	2-1-2020		
2 Munici	inal Check Number	3. Check date		

2-1-2020

5. Check date

Williamson

7. Payor name on check: Last Name

E.

2695

4. State Check Number

6. Payor name on check: First Name



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F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40, Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

- Frila Claria	2-5-20
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date
10212	2-7-2020
5. Signature of Representative (if any)	5. Dac

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent



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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Pro	ovided by MassDEP:
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I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

Richard C Williamon	2/1/2000	
Signature of Applicant	2. Date	
Signature of Property Owner (if different)	4. Date	
4274	2-7-2020	
5. Signature of Representative (if any)	6. Date	

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

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Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

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Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A. Applicant In	formation		
. Location of Projec	t:		
261 & 273 Lincoln	Road	Sudbury	
a. Street Address		b. City/Town	
2695		\$512.50	
c. Check number		d. Fee amount	
Applicant Mailing	Address:		
Richard		Williamson	
a. First Name		b. Last Name	
c. Organization			
273 Lincoln Road			
d. Mailing Address			
Sudbury		MA	01776
e. City/Town		f. State	g. Zip Code
		williamson01773@yahoo.	com
h. Phone Number	i. Fax Number	j. Email Address	
Property Owner (if	different):		
a. First Name		b. Last Name	
c. Organization			
d. Mailing Address			
e. City/Town		f. State	g. Zip Code
h. Phone Number	i. Fax Number	j. Email Address	,

To calculate filling fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

B. Fees

Fee should be calculated using the following process & worksheet. *Please see Instructions before filling out worksheet.*

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)			
Step 1/Type of Activity	0.7.00.000	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
3 d.	1	\$1,050.00	\$1,050.00
-			
-		1	
		E s	-
			X-
2		÷	æ
-	Step 5/Tota	al Project Fee:	\$1,050.00
	Step 6/Fe	ee Payments:	
	Total Pr	oject Fee:	\$1,050.00 a. Total Fee from Step 5
	State share o	f filing Fee:	\$512.50 b. 1/2 Total Fee less \$12.50
	City/Town share o	of filling Fee:	\$537.50 c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection Box 4062 Boston, MA 02211

b.) To the Conservation Commission: Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

WILLIAMS & SPARAGES CIVIL ENGINEERING & LAND SURVEYORS



189 NORTH MAIN STREET SUITE 101 MIDDLETON, MA 01949 PHONE: (978) 539-8088

FAX: (978) 539-8200 (117) North Sudbury Cem Cold Brook Meadow LIER HILL RO Gulf Meadow North Sudbury NAMESON CONCORD RD WOODMERE DR CANTERBURY DR Round Hill LINCOLN RD Bridge Brook Mount Pleasant Cem Sudbury Sedge Meadow Pendleton

na

UNITED STATES GEOLOGIC SURVEY MAP MAYNARD, MASS QUAD SCALE: 1:24,000 (metric contours)

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04

LOCUS MAP 261 & 273 LINCOLN ROAD SUDBURY, MA 01776

N2

3∩ 4000m E

Introduction:

Williams & Sparages LLC (W&S) was contracted to assist the property owners at 261 & 273 Lincoln Road with the permitting required to temporarily alter/restore jurisdictional wetland resource areas that were impacted during a #2 heating fuel oil spill.

Wetland Resource areas were delineated by Leah Basbanes, from Basbanes Wetland Consulting.

Below in italics is a summary of the events that have transpired since the spill occurred as described by Mr. Joseph Jammallo, President of Cushing, Jammallo & Wheeler, Inc. (CJW) who were contracted to provide project oversight and management as the Licensed Site Professional (LSP) for the project.

According to Mr. Richard Williamson, the property owner of 273 Lincoln Road (site), he received a delivery of #2 heating fuel oil sometime shortly before December 25, 2019 to fill his 275-gallon above ground steel storage tank (AST) that was located in eastern portion of his basement. Subsequent to the oil delivery, Mr. Williamson left the premises for a few days and when he returned on December 27th and entered his home, he encountered a petroleum odor. Upton further investigation, he observed the fuel oil release in the basement and called the Sudbury, MA Fire Department (SFD). On December 27, 2019, the SFD dispatch reported a 250-gallon release of #2 heating oil from the AST in Mr. Williamson's basement to the Massachusetts Department of Environmental Protection (MADEP). The release was due to a failed AST as Lt. Graham of the SFD indicated that a hole was observed in the bottom of the AST. The release impacted the basement's concrete floor and fuel oil also flowed into a large separation between the basement foundation wall and floor slab

Lt. Graham further reported that fuel oil flowed under the floor to a sump (located at the southeast portion of the basement) and was discharged, via a sump pump, to the back yard of the residence. The discharge location is in close proximity to a wetland such that the fuel oil was released into the wetland. The SFD and Clean Harbors Environmental Services (CHES), who responded to the release, used its absorbents in an attempt to contain the release.

Under the Massachusetts Contingency Plan (MCP) (310 CMR 40.0000), the release is considered to be a "sudden, continuous or intermittent release to the environment of oil...when: (a) the quantity of the release is equal to or greater than the applicable Reportable Quantity (in this case, 10 gallons); and (b) it is likely that the release occurred within any period of 24 consecutive hours or less." Such a release is to be reported to the MADEP within 2 hours after obtaining knowledge that such a release meets these criteria. The reporting of the release to MADEP resulted in the MADEP issuing Release Tracking Number (RTN) 3-36059 and also triggered an Immediate Response Action (IRA under the MCP (310 CMR 40.0410). As described in the MCP, IRAs "shall assess a release, threat of release and/or site conditions and, where appropriate, contain, isolate, remove or secure a release or threat of release of oil and/or hazardous material in order to: (a) abate, prevent or eliminate an Imminent Hazard to health, safety, public welfare or the environment; and/or (b) respond to other time-critical release, threat of release and/or site conditions." Mr. Kenneth Sanderson of MADEP orally approved the following initial actions:



- "Properly apply, remove, drum, manage, transport, and dispose of absorbents needed to help contain and cleanup this release;
- Utilize a vacuum truck to recover free product as needed;
- Install a vapor barrier and ventilate of the [house] sing a negative air pressure machine; and
- Perform assessment activities to determine the nature and extent of the release."

CJW is performing the environmental assessment and guiding the cleanup efforts. Mr. Joseph Jammallo, President of CJW, is also providing project oversight and management as the Licensed Site Professional (LSP). U.S. Ecology is the contractor performing the cleanup activities.

When CJW first arrived at the site, the wetlands impact was evident since either red-dyed #2 fuel oil product and/or red oil sheens were observed on wetlands water/soil over an area covering approximately 13,000 square feet (130 feet x 100 feet). The release not only impacted the wetlands portion of the property located at 273 Lincoln Road but also wetlands associated with the easterly abutting property at 261 Lincoln Road, which is owned by Mr. Paul Cleveland.

Mr. Jammallo contacted the Sudbury Conservation Commission and spoke with Ms. Lori Capone, Conservation Coordinator. Ms. Capone provided an Emergency Certification from the Sudbury Conservation Commission to Mr. Williamson to commence remediation work. The "Work to be Allowed" under the Emergency Certification noted:

- "Tree removal required for installation of a temporary access road and within the excavation area;
- Installation of a temporary access road;
- Excavation and removal of contaminated soils;
- Installation of clean fill;
- Removal of the temporary access road;
- Stabilization of all disturbed areas with a native seed mix; and,
- Cover disturbed areas with straw."

Mr. Christopher Bresnahan of MADEP has been actively involved in this matter and has visited the site and provided various approvals to perform cleanup activities. To date, Mr. Bresnahan has verbally authorized the following additional IRAs:

- On Friday, January 10, 2020, he approved the following modifications to the IRA to allow for the excavation of contaminated soil from the impacted woods/wetland at the 273 and 261 Lincoln Street properties:
 - O Project activity must be performed in compliance with requirements of the Sudbury Conservation Commission (the Commission) including the Emergency Certification already issued by the Commission or if needed a subsequent Order of Conditions you would seek to obtain from the Commission;
 - Position mats and/or timbers below the excavator while it is located in the contaminated work area to limit transfer of contaminants to the excavator;



- Enhance containment measures already taken by installing additional controls around the perimeter of the work area to include placement of siltation fence lined with absorbent boom and set in a shallow trench to be advanced by the contractor;
- O Designate an area within the contaminated area where manageable batches of contaminated soils and sediments will be temporarily stockpiled and allowed to drain sufficiently so they can be transferred to suitable containers for transportation and off-site management;
- o Install additional controls to contain the stockpiled material in its desired location while it is draining. These controls will consist of silt fence at a minimum but should be augmented by a layer of hay bales if needed;
- o Drainage from the excavated and temporarily stockpiled materials will be routed to shallow sump pits [which will be] installed to collect drainage from the stockpiled material.
- Drainage collected within the sump pits shall be pumped to a holding tank to be placed at the property;
- Sufficiently drained materials will be transferred to suitable containers for transport for offsite management;
- Excavate and manage up to 550 cubic yards of contaminated soils and sediments from the approximately 130-foot by 100-foot area to a depth of approximately 1 foot; and,
- Containment and drainage collection shall be evaluated and monitored throughout the project and excavation shall be suspended if observations indicate contamination is being spread into previously uncontaminated areas.
- On January 29, 2020, Mr. Bresnahan orally approved additional modifications to the IRA Plan as follows:
 - o Implement appropriate engineering and Health & safety Practices during all IRAs to ensure the safety and health of residents, on-site workers and surrounding populations;
 - Utilize appropriate engineering practices while implementing IRAs to prevent or limit damage to property, including the residential foundation, and the environment which should include consultation with a licensed structural engineer or builder;
 - Excavate and properly manage up to 20 cubic yards of contaminated soils from below the cellar floor of the residence at the location; and
 - De-water as needed to facilitate the excavation with all recovered fluids to be pumped to the on-site holding tank for later off-site management.

Through February 6, 2010, the following assessment and response actions have been performed:

- Installation of a polyethylene sheeting barrier in the basement to attempt to isolate fuel oil vapors in the basement;
- Operation of a blower within the impacted basement area to exhaust fuel oil vapors to the exterior air:
- Soil borings within the basement to attempt to delineate impacted soil area beneath the basement floor;
- Diversion of the water which accumulates in the sump to an on-site tank for off-site disposal;
- Installation of monitoring wells east and south of the house at the site;



- Collection and laboratory analysis of groundwater samples collected from the interior and exterior monitoring wells and from the sump;
- Collection and laboratory analysis of a water sample from the private on-site private drinking water supply well;
- Collection and laboratory analysis of indoor air
- Construction of a gravel roadway to access the wetlands with heavy equipment;
- Installation of silt fencing and absorbent booms in the wetlands at the perimeter of the impacted area:
- Excavation of a majority of the impacted wetlands soil and pumping of wetlands impacted surface runoff. Excavated wetland soil has been stockpiled in the wetlands and surround by silt fencing;
- Collection and laboratory analysis of soil from the wetlands subsequent to excavation;
- Collection and laboratory analysis of soil from the stockpile of impacted wetlands and basement soil to characterized the soil for disposal purposes;
- Transportation of the portion of the impacted, stockpile soil off-site to an approved facility;
- Removal of a portion of the basement concrete floor measuring approximately 30 feet x 5 feet;
- De-watering of the groundwater in the basement to facilitate excavation of impacted soil;
- Removal of impacted soil within the basement; and
- Collection and laboratory analysis of basement soil subsequent to excavation.

Work still to be performed may or likely include:

- Excavation of additional wetlands soil and pumping of additional wetlands water;
- Collection and laboratory analysis of wetlands soil;
- Installation of monitoring wells within the wetlands;
- Collection of groundwater samples from site monitoring wells;
- Collection of water samples from the private on-site drinking water supply well;
- Collection and laboratory analysis of indoor air;
- Backfilling of basement; construction of a new concrete basement floor where the floor was removed;
- Placement of soil within the wetland area that was excavated along with seeding and plantings;
- Removal of the gravel access road to the wetlands;
- Placement of backfill in the back-yard area;
- Removal of silt fencing and absorbent materials from the wetlands.

The ultimate goal of the response actions is to reach a Permanent Solution or Temporary Solution under the MCP.

The two properties, 261 & 273 Lincoln Road, are occupied with single family dwellings and outbuildings. An extensive Bordering Vegetated Wetland (BVW) exists that borders on Bridge Brook, a stream shown as perennial on the current USGS map. It is important to note that the spill occurred greater than 200 feet from the Mean Annual High-Water line, which delineated Bridge Brook and as a result there is no activity proposed within the 200-foot Riverfront Area.



The Notice of Intent, (NOI), is being filed for the "after the fact" permitting associated with the cleanup effort as well as the additional work required to restore and stabilize the area of interest. The attached wetland/buffer zone restoration plan was designed in accordance with the Massachusetts Inland Wetland Replication Guidelines and it contains a detailed construction methodology to ensure success.

A portion of the rear yard of 273 Lincoln Road was cut to remove contaminated soils. In addition to the restoration or the BVW and adjacent buffer zone, the NOI proposes to restore the slope behind the existing dwelling. Plantings are proposed in the resource areas and buffer zone as well as two (2) different seed mixes. To ensure success, we are proposing that the work be done under the direction of a Professional Wetland Scientist and that the restoration area be monitored for a period of at least two (2) growing seasons.

Jurisdictional Wetland Resource Areas:

Bordering Vegetated Wetlands, (BVW) – An extensive BVW exists on the southern portion of the subject property. The BVW was delineated as the A-Series, by Leah Basbanes, Basbanes Wetland Consulting, using pink surveyors flagging. Wetland flags 1A, 6A, 7A, 8A & 9A were located by survey. It appears that 2A - 5A and other flags were removed during the cleanup effort.

Approximately 16,600 square feet of BVW were altered as a result of the spill and cleanup effort. The NOI proposes to restore all of the altered BVW so that post construction there will be no net loss of BVW.

Bordering Land Subject to Flooding, (BLSF) – BLSF exists within the BVW that is classified as a Zone AE 100 Year FEMA Flood Plain, Elevation 121, as shown on Flood Insurance Rate Map Number 25017C0369F, with an effective date of July 7, 2014.

Alteration of BLSF is temporary and fill within the BLSF is proposed to be removed so there is no net loss of flood storage. It will be necessary to have a soil evaluator on site to oversee the excavation effort to determine where the pre-fill existing grade is during the removal of the temporary access driveway.



AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act

(To be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, <u>Greg J. Hochmuth</u>, hereby certify under the pains and penalties of perjury that on <u>February 10, 2020</u> I gave notification to abutters in compliance with the second paragraph of Massachusetts General Law Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent application was filed under the Massachusetts Wetlands Protection Act by <u>Richard Williamson</u> with the Town of Sudbury Conservation Commission on, <u>February 10, 2020</u> for property located at <u>261 & 273 Lincoln Road</u>. The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

Name

Date



Notification to Abutters under the Massachusetts Wetlands Protection Act

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following.

- A. The name of the applicant is Richard Williamson.
- B. The applicant has filed a Notice of Intent application with the conservation Commission for the municipality of Sudbury, MA seeking permission to conduct activities within jurisdictional areas of the Massachusetts Wetlands Protection Act.
- C. The address of the lots is 261 & 273 Lincoln Road, Sudbury, MA.
- D. Copies of the Notice of Intent, (NOI), may be examined at the offices of Williams & Sparages, between the hours of 8:00am and 4:30pm on the following days of the week: Monday through Friday. For more information, call: (978) 539-8088. This is the applicant's representative.
- E. Copies of the NOI may be viewed at the Sudbury Conservation Commission office by calling (978) 440-5471 between the hours of 8:00 am and 3:30pm on the following days: Monday-Friday, and by appointment.
- F. Information regarding the date, time and place of the public hearing may be obtained from the Sudbury Conservation Commission by calling this telephone number (978) 440-5471 between the hours of 8:00am and 3:30pm on the following days of the week: Monday Friday, and by appointment.

Note: Notice of the Public Hearing, including its date, time and place will be published at least five (5) days in advance in the local newspaper.

Note: Notice of the Public Hearing, including its date, time and place will be posted in Town Hall not less than forty eight (48) hours in advance.

Note: You also may contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act.

To contact DEP call:

Northeast Region: 978-694-3200



Guther July 22/2010 Suddy asser & UK

print this list

Abutters List

Date: January 22, 2020

Subject Property Address: 273 LINCOLN RD Sudbury, MA Subject Property ID: F12-0001

Search Distance: 100 Feet

Prop ID: F11-0004

Prop Location: 284 LINCOLN RD Sudbury, MA

Owner: CAVICCHIO PAUL F JR TRS Co-Owner: P N J 1995 REALTY TRUST

Mailing Address:

110 CODJER LANE SUDBURY, MA 01776

Prop ID: F11-0006

Prop Location: LINCOLN RD Sudbury, MA Owner: SUDBURY VALLEY TRUSTEES INC

Co-Owner: Mailing Address: 18 WOLBACH RD SUDBURY, MA 01776

Prop ID: F12-0002
Prop Location: 261 LINCOLN RD Sudbury, MA
Owner: CLEVELAND PAUL F
Co-Owner:
Mailing Address:
261 LINCOLN RD
SUDBURY, MA 01776

Prop ID: F12-0003

Prop Location: WATER ROW Sudbury, MA

Owner: USA - DEPT OF INTERIOR

Co-Owner: TRACT #424

Mailing Address:

300 WESTGATE CENTER DR

HADLEY, MA

Guthwiles 122/2028

print this list

Abutters List

Date: January 22, 2020

Subject Property Address: 261 LINCOLN RD Sudbury, MA

Subject Property ID: F12-0002

Search Distance: 100 Feet

Prop ID: F11-0004

Prop Location: 284 LINCOLN RD Sudbury, MA

Owner: CAVICCHIO PAUL F JR TRS Co-Owner: P N J 1995 REALTY TRUST

Mailing Address:

110 CODJER LANE SUDBURY, MA 01776

Prop ID: F11-0006

Prop Location: LINCOLN RD Sudbury, MA Owner: SUDBURY VALLEY TRUSTEES INC

Co-Owner: Mailing Address: 18 WOLBACH RD SUDBURY, MA 01776

Prop ID: F12-0001

Prop Location: 273 LINCOLN RD Sudbury, MA

Owner: WILLIAMSON RICHARD

Co-Owner: Mailing Address: 273 LINCOLN RD SUDBURY, MA 01776

Prop ID: F12-0003

Prop Location: WATER ROW Sudbury, MA

Owner: USA - DEPT OF INTERIOR

Co-Owner: TRACT #424

Mailing Address:

300 WESTGATE CENTER DR

HADLEY, MA

Prop ID: F12-0012

Prop Location: 233 LINCOLN RD Sudbury, MA

Owner: KANAKARIS STANLEY & CAROL L Co-Owner: Mailing Address: 233 LINCOLN ROAD SUDBURY, MA 01776

Prop ID: F12-0016
Prop Location: 244 LINCOLN RD Sudbury, MA
Owner: GREELEY JOHN C & CRONIN KELLEY
Co-Owner:
Mailing Address:
244 LINCOLN RD
SUDBURY, MA 01776