

WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 1780407
MassDEP File #
#33-1583
eDEP Transaction #
Haverhill
City/Town

A. General Information

Please note: this	1	From:	Haverhill				
form has	١.	1 10111.	Conservation Con	mmission			
been modified with added	2. This issuance is for (check one): a. ⊠ Order of			of Conditions	of Conditions b. Amended Order of Condition		
space to accommodat e the	3.	To: App	licant:				
Registry of		Robert			Ward		
Deeds Requirement	a. First Name				b. Last Name		
S		City of H	laverhill DPW				
		c. Organiz	ation				
Important:		4 Summ	er St				
When		d. Mailing	Address				
filling out		Haverhil	I		MA		01830
forms on the		e. City/Tov	vn		f. State	Э	g. Zip Code
the tab key to move		a. First Na	me		b. Last	Name	
your cursor - do not				O D			l \\\-\t\ -\t\ -\\-\-\\\
use the		c. Organiz		Company, Pro	репу тах Бері, 4	io Sylvan Roa	ad, Waltham, MA 02451
return key.		•		noit Authority	10 Dork Dloza B	ooton MA OO	116
		d. Mailing		ansit Authority,	10 Park Plaza, Bo	USTOIT, IVIA UZ	110
		e. City/Tov	vn		f. State	e	g. Zip Code
	5. Project Location:						
		Hale Str	eet		Haver	hill	
		a. Street A	ddress		b. City/7	Town	
		Parcel 1	: 601-451-2B		Parcel	I 2: 601-453-1	
		c. Assesso	ors Map/Plat Numb	er	d. Parce	el/Lot Number	
		Latitude	and Longitude	, if known:	42.78266		-71.08938
			-		d. Latitude		e. Longitude

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A. General Information (cont.)

6.	Property recorded at the Registry of Deeds f one parcel): Southern Essex District	or (attach additional information if more than		
	a. County	b. Certificate Number (if registered land)		
	5137	16		
	c. Book	d. Page		
	Southern Essex District	.g -		
	a. County	b. Certificate Number (if registered land)		
	41213	161		
	c. Book	d. Page		
7.	05-05-2025 0	5-29-2025 Date Public Hearing Closed 06-09-2025 c. Date of Issuance		
8.	as needed):	(attach additional plan or document references corporated herein and made part of this Order		
	b. Prepared By	c. Signed and Stamped by		
	d. Final Revision Date	e. Scale		
	f. Additional Plan or Document Title	g. Date		
В.	. Findings			
1.	Findings pursuant to the Massachusetts Wet	lands Protection Act:		
	provided in this application and presented at	Notice of Intent and based on the information the public hearing, this Commission finds that cant to the following interests of the Wetlands		
a.	☐ Public Water Supply b. ☐ Land Co	ntaining Shellfish c. Prevention of Pollution		
d.	☑ Private Water Supply e. ☑ Fisheries	f Protection of		
g.	☐ Groundwater Supply h. ☐ Storm Da	amage Prevention i. 🛛 Flood Control		
2.	This Commission hereby finds the project, as p	proposed, is: (check one of the following boxes)		
Ар	pproved subject to:			
a.	be performed in accordance with the Notice	s. This Commission orders that all work shall		

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B. Findings (cont.)

Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands

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that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.

Denied because: b. The proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. A description of the performance standards which the proposed work cannot meet is attached to this Order. the information submitted by the applicant is not sufficient to describe the site, the work, work on this project may not go forward unless and until a revised Notice of Intent is

or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).

3.	☐ Buffer Zone Impacts: Shortest distance between limit of project
	disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a)

a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Re	source Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4.	⊠ Bank	47	47	47	47
٦.	Z Barin	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5.	Bordering				
	Vegetated Wetland	a. square feet	b. square feet	c. square feet	d. square feet
6.	∠ Land Under	2770	2770	1480*	1480*
	Waterbodies and	a. square feet	b. square feet	c. square feet	d. square feet
	Waterways			*Remainder to	*Remainder
		e. c/y dredged	f. c/y dredged	be riprap	to be riprap
7.	□ Bordering Land	900±	900±	1500±	1500±
	Subject to Flooding	a. square feet	b. square feet	c. square feet	d. square feet
	Cubic Foot Flood Stores	0	0	Excavation for d	rain outfall will
	Cubic Feet Flood Storage	e. cubic feet	f. cubic feet	increase flood st	torage
8.	☐ Isolated Land				
	Subject to Flooding	a. square feet	b. square feet	-	
	Cubic Feet Flood Storage	c. cubic feet	d. cubic feet	e. cubic feet	f. cubic feet
			7080	e. cubic leet	i. cubic leet
9.		7080		=	
	<u></u>	a. total sq. feet	b. total sq. feet		

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4620 4620 4620 4620 Sq ft within 100 ft f. square feet c. square feet d. square feet e. square feet 2460 2460 Sq ft between 100-2460 2460 200 ft g. square feet h. square feet i. square feet j. square feet

B. Findings (cont.)

Со	astal Resource Area Impact	ts: Check all tha	it apply below.	(For Approvals O	nly)
		Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10.	☐ Designated Port Areas	Indicate size u	nder Land Unde	er the Ocean, bel	ow
11.	☐ Land Under the Ocean	a. square feet	b. square feet		
		c. c/y dredged	d. c/y dredged		
12.	☐ Barrier Beaches	Indicate size u below	nder Coastal Be	eaches and/or Co	astal Dunes
13.	☐ Coastal Beaches	a. square feet	b. square feet	cu yd c. nourishment	cu yd d. nourishmen
14.	☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment	d. nourishmen
15.	Coastal Banks	a. linear feet	b. linear feet		
16.	Rocky Intertidal Shores	a. square feet	b. square feet		
17.	☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18.	☐ Land Under Salt Ponds	a. square feet	b. square feet		
	_	c. c/y dredged	d. c/y dredged		
19.	☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20.	☐ Fish Runs		d/or inland Land	anks, Inland Bank d Under Waterboo	
21.	☐ Land Subject to	a. c/y dredged	b. c/y dredged		
۷۱.	Coastal Storm Flowage	a. square feet	b. square feet		
22.	☐ Riverfront Area	a. total sq. feet	b. total sq. feet		

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Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-				
200 ft	g. square feet	h. square feet	i. square feet	j. square feet

B. Findings (cont.)

^ #23. IT the	
project is for	23.
the purpose	
of restoring or	
enhancing a	
wetland	
resource area	24.
in addition to	
the square	
footage that	
has been	_
entered in	C.
Section B.5.c	
(BVW) or	
B.17.c (Salt	Th
Marsh)	
above,	1.
please enter	
the additional	2
	∠.

amount here.

Restoration/Enhancement *:	
a. square feet of BVW	b. square feet of salt marsh
Stream Crossing(s):	
a. number of new stream crossings	b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

- 1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
- 2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
- 3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
- 4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. The work is a maintenance dredging project as provided for in the Act; or
 - b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
 - c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
- 5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
- 6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on June 9, 2028, unless extended in writing by the Department.
- 7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.



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C. General Conditions Under Massachusetts Wetlands Protection Act

- 8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
- 9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
- 10. A sign shall be displayed at the site not less then two square feet or more than three square feet in size bearing the words,

"Massachusetts Department	of Environmental	Protection"	[or, "MassDEP"]
"File Number	#33-1583	"	

- 11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.
- 12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
- 13. The work shall conform to the plans and special conditions referenced in this order.
- 14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
- 15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
- 16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.

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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

- 17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
- 18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.
- 19. The work associated with this Order (the "Project")
 (1) ∑ is subject to the Massachusetts Stormwater Standards
 (2) ☐ is NOT subject to the Massachusetts Stormwater Standards

If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

- a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
- b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:

 i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;

 ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;

 iii. any illicit discharges to the stormwater management system have been removed, as per

iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;

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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

- v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.
- c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement) for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:
 - i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and
 - ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.
- d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.
- e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.
- f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.

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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

- g) The responsible party shall:
 - 1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location):
 - 2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
 - Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.
- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.
- I) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):

See Attachment "A", "Special Conditions", incorporated herein and made part of this Order of Conditions.

20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.

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D. Findings Under Municipal Wetlands Bylaw or Ordinance

1.	ls a	a municipal wetlands bylaw or ordinance app	licable? 🛚 Yes 🔝	No
2.	Th	ne Haverhill Conservation Commission	hereby finds (check	one that applies):
	a.	that the proposed work cannot be condit municipal ordinance or bylaw, specifically:	ioned to meet the standar	ds set forth in a
		1. Municipal Ordinance or Bylaw		2. Citation
		Therefore, work on this project may not go f Intent is submitted which provides measure standards, and a final Order of Conditions is	s which are adequate to n	
	b.	that the following additional conditions a ordinance or bylaw:	re necessary to comply wi	th a municipal
	Ad	An Ordinance to Protect the Wetlands, Reladjoining Land Areas	ited Water Resources and	Chapter 253 2. Citation
3.	The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.			
		ne special conditions relating to municipal ordi ore space for additional conditions, attach a te	•	ows (if you need
		ee Attachment "A", "Special Conditions", incor Conditions.	porated herein and made	part of this Order

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E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

Please indicate the number of members who will sign this form.

This Order must be signed by a majority of the Conservation Commission.

June 9 2025

1. Date of Issuance

5

2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

Pursuant to the vote taken by the Conservation Commission on May 7, 2020, the following signatures are made in accordance with M.G.L. c.110G and pursuant to said Commission's electronic signature authorization vote recorded on May 21, 2020, with the Southern Essex District Registry of Deeds in Book 38538, Page 455.

/Oliver Aguilo/	Oliver Aguilo
Signature	Printed Name
/Thomas Wylie/	Thomas Wylie
Signature	Printed Name
/Frederick Clark/	Frederick Clark
Signature	Printed Name
/Lisa DeMeo/	Lisa DeMeo
Signature	Printed Name
/Jennifer Rubera/	Jennifer Rubera
Signature	Printed Name
Signature	Printed Name
Signature	Printed Name
Signature	Printed Name
	<u>_</u>
by hand delivery on by hand	by certified mail, return receipt
	requested, on
	June 9, 2025
Date	Date

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F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.

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G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Haverniii			
Conservation Commission			
Detach on dotted line, have stamped by the Registr Commission.	ry of Deeds and sul	bmit to the Conservation	
То:			
Haverhill			
Conservation Commission			
Please be advised that the Order of Conditions for	the Project at:		
Hale Street	#33-1583		
Parcel IDs: 601-451-2B and 601-453-1	MassDEP File Num	nber	
Has been recorded at the Registry of Deeds of:			
Southern Essex District			
County	Book	Page	
for: Property Owner			
and has been noted in the chain of title of the affected property in:			
Book	Page		
In accordance with the Order of Conditions issued	on:		
Date			
If recorded land, the instrument number identifying this transaction is:			
Instrument Number			
If registered land, the document number identifying	g this transaction is	s:	
Document Number			
Signature of Applicant			

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Haverhill

Conservation Department Phone: 978-374-2334 Fax: 978-374-2366 conservation@haverhillma.gov

ORDER OF CONDITIONS ATTACHMENT A: SPECIAL CONDITIONS

MassDEP FILE #33-1583

ISSUING AUTHORITY: Haverhill Conservation Commission ("HCC")

APPLICANT: City of Haverhill, Attn: Robert Ward

PROJECT LOCATION: Hale Street – Parcel IDs: 601-451-2B and 601-453-1

PROJECT DESCRIPTION

The project consists of the separation of sanitary and storm sewer systems in an urbanized section of the city. Work generally consists of infrastructure improvements on surface streets within the vicinity of Sixth through Ninth Avenues and Main Street through Primrose Street. Work to discharge the newly separated storm sewer system to Little River includes the installation of two 48" outlets protected by a new headwall and an apron of riprap. A coffer dam is proposed to be used to dewater the immediate work area on the bank of the river.

RESOURCE AREA FINDINGS

The Haverhill Conservation Commission finds this site to contain, at a minimum, the following resource areas: bordering land subject to flooding, bank, and 200'-riverfront area, all associated with Little River.

EXPIRATION DATE

Unless extended, this Order of Conditions ("OOC") will expire June 9, 2028.

PLANS AND DOCUMENTS

Work on this project site shall be performed according to the following listed plans and documents on file with the HCC. Should any conflicts be found to exist between these plans and documents and the conditions of this OOC, the HCC shall be contacted for clarification.

a) "Locke Street Area Phase 1 Combined Sewer Separation and Water Main Improvements" (8 Sheets, including Cover, from 36-Sheet Plan Set), plans prepared by Wright-Pierce (600 Federal Street, Suite 2151, Andover, MA 01810), dated April 2025.

Pursuant to the Massachusetts Wetlands Protection Act (M.G.L. Chapter 131, Section 40), its Regulations (310 CMR 10.00), and Haverhill City Code Chapter 253 ("An Ordinance to Protect the Wetlands, Related Water Resources and Adjoining Land Areas"), the Commission orders that all work shall be performed in accordance with the following additional, special conditions:

GENERAL CONSTRUCTION

21. The HCC may designate one or more Conservation Department Officials as its agent ("HCC Official"), with full powers to act on its behalf in administering and enforcing this OOC.

City Hall Room 300 • 4 Summer Street • Haverhill, MA 01830 • www.ci.haverhill.ma.us

- 22. Work on this project shall be performed in accordance with Haverhill Municipal Ordinances Chapter 253 "An Ordinance to Protect the Wetlands, Related Water Resources, and Adjoining Land Areas".
- 23. In accordance with Haverhill Municipal Ordinance Chapter 253, there shall be no activities allowed within 25' of the delineated wetland resource areas and no building construction within 50' of these same areas, except as shown on the approved plans referenced above.
- 24. All wetland resource areas shall be visibly flagged and/or staked every 25 feet along the resource area boundaries to ensure that no intrusion into these areas occurs. Flagging and staking used to identify wetland resource areas shall be of a color different from any others used on the site and shall be maintained until the work is complete.
- 25. The rows of erosion control devices, as shown on the site plan, shall also act as a limit of site activity.
- 26. The MassDEP File Number sign shall not be attached to a live tree.
- 27. Any changes proposed under this OOC might require the Applicant to file a "Request for a Modification to the Order of Conditions" with the HCC.
- 28. While all activities regulated by this Order are being performed and during the construction phase of this project, an on-site foreman, directing engineer, or designated construction manager, shall have a copy of this permit and its associated plans and documents at the site, familiarize him or herself with the conditions of this permit, and adhere to such conditions. This OOC shall be made part of all construction-related documents for this project. All contractors working at the site shall be made aware of the provisions contained within this OOC and adhere to them.
- 29. The Applicant shall secure an Environmental Monitor ("EM") for this project. The EM shall be, at a minimum, a professional with experience in Resource Area Protection; Erosion, Sedimentation, and Pollution Prevention; and Stormwater Management. The EM shall have at a minimum, a working knowledge of botany, hydrology, and general construction practices. The Applicant may designate the EM as responsible for fulfilling the requirements of the Pollution Prevention and Erosion and Sedimentation Control ("PPESC") Monitor under this OOC. Otherwise, the EM shall establish an appropriate working relationship with the PPESC Monitor to ensure the project's complete compliance with this OOC. The Applicant shall give the EM authority to stop construction for PPESC purposes.
 - a) On the Monday of every week throughout the life of this project, the EM shall provide the HCC with a status report of the project. This report shall indicate the functions of the PPESC devices and any need for maintenance, replacement, augmentation, emergency placement, and any other corrective action of PPESC devices; the activities completed the previous week; and the activities planned for the current week. The report shall also mention any deviations from the previous week's report and any environmental mitigation measures that have been undertaken. The report shall include representative photographs of deviations, needed repairs, and on-going work. The frequency of this reporting may be altered as site conditions warrant, upon concurrence between the HCC and the EM.
 - b) In addition to this reporting, the EM shall be responsible for all inspections and reporting as outlined in this OOC and the referenced plans and documents pertaining to Resource Area Activities; Erosion, Sedimentation, and Pollution Prevention; and Stormwater Management. The EM shall be on site as

necessary to ensure proper implementation of the conditions of this OOC and the work outlined in the referenced plans and documents.

CONSTRUCTION SEQUENCING

- 30. A minimum of two (2) business days in advance, the Applicant shall provide the HCC with written notification of the commencement of work on site. At this time, the Applicant shall also supply the HCC with a list of names, addresses, and emergency phone numbers (including evenings and weekends) for those parties responsible for compliance with this OOC on the site, including the Environmental Monitor and the Pollution Prevention and Erosion and Sedimentation Control Monitor.
- 31. Prior to the commencement of work on this site, the Applicant shall schedule a pre-construction meeting with the site contractor, the Applicant's engineers/consultants, the EM, the PPESC Monitor, and the HCC. The purpose of the meeting is to review this OOC and resolve any outstanding issues at that time.
- 32. The Applicant shall ensure that no invasive plant species, as defined and listed by the Massachusetts Invasive Plant Advisory Group, are introduced to, or moved around the site by construction activities, including importation of infected materials such as borrow, compost, nursery stock, seed, or hay bales. Corrective measures, if necessary, shall be made by the Applicant as directed by the EM. Corrective measures shall be implemented for as long as necessary to eliminate the introduced invasive plant species and prevent re-establishment of same. The Applicant shall satisfactorily dispose of all cleared, invasive plant material (seeds, roots, woody vegetation, associated soils, etc.). The Applicant shall take measures to prevent viable, invasive plant materials from leading to further infestations while stockpiled, in transit, or at final disposal locations. All precautions shall be taken to avoid contamination of natural landscapes with invasive plants or invasive plant material.

Prior to the commencement of work on site, the EM shall survey this site for the presence of invasive plant species within the approved limits of work. If found, the EM shall provide the HCC with a written Invasive Plant Management Strategy ("IPMS") proposal and schedule of control. The IPMS is critical for identifying pre-construction conditions, as well as strategies for minimizing import or spread of invasive plants. All materials and methods proposed shall be consistent with the conditions of this OOC. The IPMS shall include, but not be limited to, the following:

- a) Description of treatment areas, including identification of targeted invasive plant species, locations, approximate size of areas, and digital photos with time/date stamp.
- b) Delineation of treatment areas with polygons outlining their perimeter or locations of individual plants. A free-hand sketch drawn on construction plans, or an aerial photo can be used to show locations.
- c) Proposed methods of treatment for each species or area, such as manual removal, cutting, or herbicides.
 - i. If herbicides are proposed, the IPMS shall include the product label, including application methods and rates for each. MSDS information shall also be provided for each herbicide.
- d) Proposed time of treatment based on target plan species and construction schedule.
- e) Method for disposing of invasive plant materials.
- f) General monitoring schedule.
- g) Preliminary re-treatment schedule. Re-treatment shall be based on assessment of initial results and time of year.
- h) Proposed performance metrics, or measure of treatment success, which shall be agreed upon with HCC.

Control of invasive plant species shall begin immediately with the initiation of construction and continue until such time that a Complete Certificate of Compliance is issued for this project, unless included as an

Ongoing Condition to the Certification. The EM shall report on the success of the IPMS or, if species are not present during the pre-construction survey, the presence or lack thereof of species in the work area in the weekly, seasonal, and final EM reports required under this OOC. If necessary, the corrective measures shall be outlined in the reporting in a manner consistent with the IPMS requirements.

- 33. Immediately upon completion of this project, the Applicant shall provide the HCC with an as-built plan showing, at a minimum, the following information as it pertains to the subject property. A MA-registered Professional Engineer shall stamp this plan. This plan shall be subject to the review and approval of the HCC.
 - a) Wetland resource areas subject to protection under this OOC and their approved delineations.
 - b) Limits of all Buffer Zones, including No-Disturbance and No-Build Zones.
 - c) Drainage system components and related structures.
 - d) Topography at 2' intervals and on North American Vertical Datum 1988.
 - e) Existing limits of lawn/landscaped, gravel/paved, forest, and meadow areas.
 - f) Pertinent rail line and utility locations.
 - g) Date(s) of survey fieldwork.
 - h) A statement by the Professional Engineer certifying compliance with the approved plans and conditions of this OOC and setting forth deviations from same, if any exist.
- 34. Immediately following the completion of construction, the Applicant shall inspect and clean the drainage systems to remove sediment that may have accumulated during the construction phase.

CONSTRUCTION PERIOD EROSION, SEDIMENTATION, AND POLLUTION PREVENTION

- 35. The Applicant, site contractor, and their assigns shall implement a Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan from the commencement of work until the site is fully and permanently stabilized, and the temporary erosion and sedimentation controls are removed, upon HCC approval.
- 36. The Best Management Practices used during construction must be different from the Best Management Practices that will be used to handle stormwater after construction is completed, and the site is stabilized. Many stormwater technologies (particularly infiltration technologies) are not designed to handle the high concentrations of sediments typically found in construction runoff and thus must be protected from construction-related sediment loadings.
- 37. All vegetation cutting associated with the construction of this project shall be subject to the prior review and approval of the HCC. Prior to the commencement of work, the Applicant's surveyor shall stake out, flag, or mark by other appropriate means, the locations of the approved limits of cutting and the locations of the proposed PPESC devices for inspection by the site contractor, EM, PPESC Monitor, and the HCC. The commencement of vegetation cutting work shall be contingent upon the approval of the HCC at that time.
- 38. Prior to the commencement of work, the Applicant shall install the initial PPESC devices. The Applicant shall schedule an inspection of the installed devices by the site contractor, EM, PPESC Monitor, and the HCC. Should any of these devices be considered insufficient, the PPESC Monitor shall immediately propose augmentation or other corrective measures to address areas of concern. The continuation of on-site work shall be contingent upon HCC approval of the devices at that time.

- 39. The Applicant shall designate a PPESC Monitor for the site. This Monitor shall be a professional with experience in PPESC practices. This Monitor shall inspect PPESC devices daily for proper function and maintenance, including the proper disposal of waste products. This Monitor shall immediately arrange for the maintenance, replacement, augmentation, emergency placement, and any other corrective action of PPESC devices on site. Areas of construction shall remain in a stable condition at the end of each day. The Applicant shall give this Monitor authority to stop construction for PPESC purposes.
- 40. An adequate stockpile of PPESC materials shall always be on site for emergency or routine replacement and shall include materials to repair silt fences, straw bales, stone riprap, filter dikes or any other devices planned for use during construction.
- 41. PPESC devices may be modified based on experience at the site. Approval of the HCC must be obtained prior to any non-emergency modification of the approved PPESC measures.
- 42. The HCC reserves the right to impose additional conditions on portions of this project to mitigate any impacts which could result from site erosion or any noticeable degradation of surface water quality discharging from the site.
- 43. The locations of long term (greater than 30 days) stockpiles and the locations and construction methods of temporary construction entrances, if not addressed in the Construction Period PPESC Plan, shall receive the prior approval of the PPESC monitor and the HCC.
- 44. During all phases of construction, all disturbed or exposed soil surfaces shall be brought to final finished grade and either a) covered with loam and seeded in accordance with the Massachusetts Erosion and Sediment Control Guidelines for Urban and Suburban Areas (or equivalent document) for permanent stabilization or b) stabilized in another way approved by the HCC. Bare ground that cannot be permanently stabilized within 30 days shall be stabilized with mulch or any other protective covering and/or method approved by the USDA Soil Conservation Service.
- 45. Graded slopes shall not exceed a slope ratio of 2:1, unless approved by the City Engineer and HCC.
- 46. Upon completion of the project all disturbed areas shall be permanently stabilized with rapidly growing vegetative cover with enough topsoil to assure long term stabilization of disturbed areas. After seeding, disturbed areas shall be covered with straw mulch, netting, or other protective covering to provide a suitable surface cover until seed germination.
- 47. All dewatering activities shall be controlled by implementing Best Management Practices. Dewatered fluids shall be prevented from flowing directly into resource areas. Discharge structures, such as temporary sediment basins or other Best Management Practices, shall be configured to maximize sediment removal. If discharge towards resource areas cannot be avoided, it shall be via a maximized distance of overland upland sheet flow unless the HCC approves an alternative in advance. The PPESC Monitor shall review and approve all dewatering methods prior to implementation.
- 48. Topsoil, other soils, stumps, slash, timber, construction materials, debris, or other waste products shall not be deposited, stored, or otherwise accumulated within 100' of a wetland resource area or within land subject to flooding, unless approved in advance by the HCC.

- 49. Covered dumpsters shall be maintained on site for appropriate materials. The Applicant shall conduct routine litter pick-ups throughout construction to prevent trash and loose, man-made debris from entering the resource areas and buffer zones.
- 50. All pumps, drilling machines, and their surrounding areas, whether used for dewatering or other purposes, shall be properly contained to limit the potential for environmental impacts due to fuel leakage, pump leakage, or other failures.
- 51. Refueling of equipment shall not be done within 100' of a wetland resource area. Fuel, oil, or other potential pollutants shall not be stored within 100' of a wetland resource area.
- 52. Equipment shall not be stored overnight within 100' of a wetland resource area.
- 53. Any spills of hazardous materials, including but not limited to diesel fuel and hydraulic oil, shall be appropriately and promptly cleaned up. The Applicant shall notify Federal, Commonwealth, and/or Local agencies of such spills as may be applicable by law. The Applicant or PPESC Monitor shall notify the HCC, within one hour, of any spills within wetland resource areas or buffer zones. Onsite emergency spill kits shall always be available.
- 54. The Applicant shall ensure a hazardous materials spill containment kit is always maintained on site throughout construction. The kit shall be appropriately sized for the cumulative volumetric capacity of hazardous fluids contained by equipment on site at any one time.

STORMWATER

55. Catch basins shall be fitted with deep sumps and oil/gas traps (with specifications approved by the City Engineer), which shall be maintained and cleaned as part of the City's regular Operation and Maintenance Procedures. Any existing catch basins proposed to remain in place and in use shall be fitted with oil/gas traps to the maximum extent possible.

OTHER CONDITIONS

- 56. If any unforeseen problem occurs during construction, which affects any of the eight statutory interests of the Wetlands Protection Act, M.G.L. Chapter 131, Section 40, upon discovery, the Applicant shall notify the HCC and an immediate meeting shall be held between the Commission, the Applicant, the engineer, contractor, and other concerned parties to determine the corrective measures to be employed. The Applicant shall then act to correct the problems using the corrective measures agreed upon.
- 57. Upon completion of the project, the Applicant shall request a Certificate of Compliance from the Commission and shall submit the following information with the request in both paper form and in an electronic form found acceptable to an HCC Official:
 - a) A written statement by a professional engineer registered in the Commonwealth of Massachusetts certifying compliance with the approved plans referenced above and this OOC and setting forth deviations, if any exist.
 - b) A final Illicit Discharge Compliance Statement prepared by the professional engineer in accordance with the requirements of Stormwater Management Standard 10. This Statement shall particularly detail all

- cleanings, inspections, and any necessary measures taken regarding the existing site drainage system and any potential illicit connections.
- c) A written Operations and Maintenance Compliance Statement from the professional engineer identifying the party to be responsible for implementation of the City's Operation & Maintenance Procedures. This Compliance Statement shall also state:
 - i. The site has been inspected (provide date) for erosion and appropriate steps have been taken to permanently stabilize any eroded areas.
 - ii. All aspects of the stormwater BMPs have been inspected for damage, wear and malfunction, and appropriate steps have been taken to repair or replace the system or portions of the system so that the stormwater at the site may be managed in accordance with the Stormwater Management Standards.
 - iii. Future responsible parties must be notified of their continuing legal responsibility to operate and maintain the stormwater BMPs.
 - iv. Long-Term Pollution Prevention Procedures, including stormwater system maintenance requirements, are being implemented.
- d) A final monitoring report and current photo log prepared by the EM.
- e) One set of as-built drawings prepared by the professional engineer showing resource areas, grades, utilities, drainage systems, and detailed landscaping (i.e., all wetland resource areas, limits of work, etc.). These plans shall include the date(s) of fieldwork and shall be prepared in accordance with the "Plot Plan Standards" of the HCC Policy P2000-02 "Occupancy Permit Checklist Endorsement".

ONGOING CONDITIONS

Certain conditions are ongoing and do not expire upon the completion of the project or the issuance of a Certificate of Compliance. These conditions shall remain in effect after the issuance of a Certificate of Compliance for the project and shall be referenced in the chain of title for the property. These conditions are:

- 58. All catch basins associated with this project shall be cast and medallioned with language, such as "No Dumping Drains to Waterway", to prevent illicit discharges to the stormwater management system.
- 59. The HCC reserves the right to enforce all restrictions and/or requirements established for this project within this OOC under the enforcement powers of the City's wetlands protection ordinance, Municipal Ordinance Chapter 253.
- 60. The HCC reserves the right to schedule an annual inspection with the Applicant as part of a long-term management program to inspect the stormwater outfall for permanent stability and proper maintenance. The Applicant shall maintain the stormwater management system best management practices in accordance with the MA Stormwater Management Standards design manuals.
- 61. The Applicant shall follow good housekeeping practices, such as regular street sweeping, collection of litter and promotion of proper disposal of garbage and household hazardous wastes, such as lawn fertilizers and automotive fluids, to prevent debris from entering Little River.



Request for Departmental Action Fee Transmittal Form

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

DEP File Number:	
Provided by DEP	

Zip Code

A. Request Information

1. Location of Project

Name

Mailing Address

Phone Number

City/Town

	,		
	a. Street Address	b. City/Town, Zip	
	c. Check number	d. Fee amount	
2.	Person or party making request (if appropriate, name the citizen group's representative):		

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



return key.



Applicant (as shown on Determination of Applicability (Form 2), Order of Resource Area Delineation (Form 4B), Order of Conditions (Form 5), Restoration Order of Conditions (Form 5A), or Notice of Non-Significance (Form 6)):

State

Fax Number (if applicable)

Name Mailing Address City/Town State Zip Code Phone Number Fax Number (if applicable)

4. DEP File Number:

B. Instructions

1. When the Departmental action request is for (check one):

Superseding Order of Conditions – Fee: \$120.00 (single family house projects) or \$245 (all other projects)

Superseding Determination of Applicability – Fee: \$120

□ Superseding Order of Resource Area Delineation – Fee: \$120

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DEP File Number:

Provided by DEP



Massachusetts Department of Environmental ProtectionBureau of Resource Protection - Wetlands

Request for Departmental Action Fee Transmittal Form

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

B. Instructions (cont.)

Send this form and check or money order, payable to the Commonwealth of Massachusetts, to:

Department of Environmental Protection Box 4062 Boston, MA 02211

- 2. On a separate sheet attached to this form, state clearly and concisely the objections to the Determination or Order which is being appealed. To the extent that the Determination or Order is based on a municipal bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.
- Send a copy of this form and a copy of the check or money order with the Request for a Superseding Determination or Order by certified mail or hand delivery to the appropriate DEP Regional Office (see https://www.mass.gov/service-details/massdep-regional-offices-by-community).
- 4. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

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