

#### Ruthanne Fuller Mayor

## City of Newton, Massachusetts

# Department of Planning and Development

1000 Commonwealth Avenue Newton, Massachusetts 02459

Telephone (617) 796-1120 Telefax (617) 796-1142 TDD/TTY (617) 796-1089 www.newtonma.gov

Barney S. Heath Director

May 14, 2021

James McGonagle City of Newton Department of Public Works 1000 Commonwealth Avenue Newton, MA 02459

RE:

Order of Conditions and

Certificate of Understanding

Site:

330 Homer Street

DEP#: 239-889

Dear Mr. McGonagle:

Enclosed you will find the Order of Conditions (the Order) issued pursuant to the Wetlands Protection Act, General Laws, Ch. 131, Sec. 40 and pursuant to the Newton Floodplain/Watershed Protection Ordinance, Section 22-22, for the above-referenced project.

#### No work on the project may begin until the following requirements have been satisfied:

- You have read and understand the enclosed Order of Conditions (especially Newton's Findings and Special Conditions). It is the responsibility of the owner/applicant to ensure that all conditions and approved plans are complied with. Deviation from the approved plans or conditions may result in a stop work order or further enforcement.
- The owner has signed and returned to me the attached Certificate of Understanding.
- The 10-business day appeal period had elapsed. The appeal period begins on the date of issue (pages 1 and 11 of the Order).
- You have recorded the original Order and Newton's Special Conditions at the Middlesex South Registry of Deeds and have forwarded proof of recording to the Conservation Commission and to the Building Department. The Order is not valid until it is recorded.
- Special conditions include, but are not limited to:
  - 23. The applicant shall work with Conservation staff (through an administratively approved Minor Plan Change, if appropriate) to ensure that any revisions to the Stormwater Checklist required by DEP are met. If more significant changes are required, the applicant shall come before the Conservation Commission for a Minor Plan Change or amended OOC.
  - 24. A Stormwater Pollution Prevention Plan SWPPP must be submitted for review and approval by the Conservation Office at least 2 weeks prior to the start of work.
  - 25. Appropriate dewatering protocols must be included in the SWPPP.
  - 26. The applicant must schedule and attend a pre-construction site visit with the applicant, construction supervisor and Conservation agent.
  - 28. Prohibitions include: damage to any of the mature trees around the stream/ponding area.
  - 34. Stabilized driveway construction entrance(s) must be installed, maintained, and utilized when the site is unpaved. The applicant shall prevent tracking of mud and silt onto City streets.
  - 35. The stormwater infiltration system must be installed as per the approved plans.
  - 36. The City Engineer must inspect the porous pavement system, including inspection of the excavated area prior to installation. The applicant must submit proof of inspection to the Cons. Office.
  - 37. Landscape plantings within Commission jurisdiction must:
    - a. Stabilize all exposed areas
    - b. Be installed in compliance with the approved plans (desired changes must be approved by the Conservation office
    - c. Have a survival rate of 75 % of total number of shrubs (after 2 growing seasons)
    - d. Have a survival rate of 75 % aerial coverage of all other plants (after 2 growing seasons)
    - Mulch applications, if any, shall diminish over time and eventually cease as ground cover species and shrubs spread.

- 38. If any <u>trees within the wetland or buffer within the project area die within 2 years of the start of construction</u> or have been demonstrably harmed by construction activities, they shall be replaced at a ratio of 2:1 with native canopy saplings (of roughly 2 caliper inches).
- 41. The approved <u>Operations and Maintenance Plan</u> is appended hereto and must be adhered to and shall note that sand should not be used in areas surrounding and on the porous pavement.
- 42. The owner shall ensure that snow is not plowed into the vegetated islands or area surrounding stream/pool. Snow is to be stored to the south and west edges of the parking lot and any snow exceeding the volume of these areas will be removed from site.

#### Upon completion of the project, you must:

□ Submit a "Request for a Certificate of Compliance" (state WPA Form 8a).

□ Submit a <u>letter from an engineer stating that the project was completed in substantial compliance</u> with the order and plans.

Submit an engineer-stamped and signed "as-built plan," showing all relevant site features including landscaping.

If you have any questions, please don't hesitate to contact the office at 617-796-1134.

Claire Rundelli

For the Commission

Assistant Environmental Planner

Enclosures: Order of Conditions

Certificate of Understanding

CC: Wetlands Division, DEP - NERO, 205B Lowell St., Wilmington, MA 01887

# Certificate of Understanding re Conditions and Restrictions in Wetlands and Buffer Zones

Street Address:	DEP File #	
Owner: 000	OOC Issue Date:	
I,, one of the owners of Massachusetts, do hereby acknowledge and understand that:	, Newton,	
<ul> <li>A portion of my property lies within buffer zones and/or wetlands an new work within this area is subject to review and approval by the Conservation Commission,</li> </ul>	d that any   initials	
<ul> <li>I, as property owner, am responsible for all work on my property even conducted by private contractors,</li> </ul>	en if it is initials	
<ul> <li>I have received and read and understand all the conditions establish referenced Order of Conditions (OOC),</li> </ul>	ed in the   initials	
<ul> <li>I have recorded the OOC at the Registry of Deeds and submitted pro- recording to the Conservation Office and Building Dept./ISD.</li> </ul>	oof of initials	
There are specific requirements PRIOR to the start of work,	initials	
There are specific requirements DURING construction and work,	initials	
<ul> <li>There are specific requirements for getting a Certificate of Complian all work is complete, and</li> </ul>	ce once initials	
<ul> <li>There are a number of ongoing/perpetual conditions that restrict the landscaping and maintenance activities allowed within wetlands and buffer zones.</li> </ul>		
I have carefully reviewed and understand all these requirements and agree	e to adhere to them.	
(Signature) (Printed Name)	(Date)	

Please complete this form and return it to:

Jennifer Steel, Conservation Commission 1000 Commonwealth Avenue Newton, Massachusetts 02459



## WPA Form 5 - Order of Conditions

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

Provided by MassDEP:
239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

S

#### A. General Information

c. Assessors Map/Plat Number

Latitude and Longitude, if known:

Newton

Please note: this form has been modified with added space to accommodate the Registry of Deeds Requirements

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





1. From: Conservation Commission		
2. This issuance is for (check one): a. ⊠	Order of Conditions	b. Amended Order of Condition
3. To: Applicant:		
James	McGo	nagle
a. First Name	b. Last I	Name
City of Newton Dept. of Public	Work	
c. Organization		
1000 Commonwealth Avenue		
d. Mailing Address		
Newton	MA	02459
e. City/Town	f. State	e g. Zip Code
Property Owner (if different from     a. First Name	b. Last	Name
c. Organization		
d. Mailing Address		
e. City/Town	f. State	e g. Zip Code
5. Project Location:		
330 Homer Street	Newto	on
a. Street Address	b. City/	Town
64003	0005	

d. Parcel/Lot Number

e. Longitude

wpaform5.doc • rev 5/18/2020 Page 1 of 13

d. Latitude



# WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

### A. General Information (cont.)

<i>~</i> \.	deficial information (done)		
6.	Property recorded at the Registry of Deeds one parcel):	for (attach additional in	formation if more than
	Middlesex	L. O - vtiGt - November /	f registered land
	a. County	b. Certificate Number (i	registered land)
	7637	<u>531</u> d. Page	
	c. Book	6/13/21	5/14/21
7.		n 1372 i . Date Public Hearing Closed	
•	Final Approved Plans and Other Document	_	
8.	as needed):	o (attaon additional plan	, 01 40041110111 101010101
	Site Development Plans - Newton Free Lib	rary Parking Lot (12 Sh	eets)
	a. Plan Title		
	Environmental Partners	Scott Turner	
	b. Prepared By	c. Signed and Stamped	l by
	5/12/21	varies	
	d. Final Revision Date	e. Scale	1107101
	"Newton Free Library Parking Lot (4 Sheet	s)," by Radner Design	4/27/21
	Associates, Inc.		g. Date
B,	Findings		
1.	Findings pursuant to the Massachusetts W	etlands Protection Act:	
	Following the review of the above-reference provided in this application and presented the areas in which work is proposed is sign Protection Act (the Act). Check all that app	at the public hearing, th nificant to the following i	is Commission finds that
a.	□ Public Water Supply b. □ Land Co	ontaining Shellfish <sup>c.</sup>	
d.	☑ Private Water Supply e. ☐ Fisherie	s f.	
g.	☐ Groundwater Supply h. ☐ Storm D	amage Prevention i.	⊠ Flood Control
2.	This Commission hereby finds the project, as	s proposed, is: (check on	e of the following boxes)
Αŗ	proved subject to:		
a.	Ithe following conditions which are necestandards set forth in the wetlands regulation be performed in accordance with the Notice General Conditions, and any other special that the following conditions modify or difference of the proposals submitted with the Notice of Interest.	ions. This Commission of the of Intent referenced a conditions attached to for from the plans, specificant.	orders that all work shall bove, the following this Order. To the extent cations, or other

wpaform5.doc • rev 5/18/2020 Page 2 of 13



#### WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

3

a. linear feet

#### B. Findings (cont.)

#### Denied because:

- c. 
  In the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act.

  Therefore, work on this project may not go forward unless and until a revised Notice of Intent is 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).
- Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a)

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

mand Resource Area impacts. Oncor an that apply solow. (1 of Approvate Stray)					
Re	source Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4.	Bank	a. linear feet	b. linear feet	c. linear feet	d. linear feet
5.	☐ Bordering Vegetated Wetland ☐ Land Under	a. square feet	b. square feet	c. square feet	d. square feet
6.	Waterbodies and Waterways	a. square feet	b. square feet	c. square feet	d. square feet
	•	e. c/y dredged	f. c/y dredged		
7.	☐ Bordering Land Subject to Flooding	a. square feet	b. square feet	c. square feet	d. square feet
	Cubic Feet Flood Storage	e. cubic feet	f. cubic feet	g. cubic feet	h. cubic feet
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
9.	☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
	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

wpaform5.doc • rev 5/18/2020 Page 3 of 13



# WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

## B. Findings (cont.)

	<b>3</b> \ ,				
Coa	astal Resource Area Impac	cts: Check all tha	at apply below.	(For Approvals C	nly)
		Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10.	☐ Designated Port Areas	Indicate size un	ider Land Unde	r the Ocean, belo	)W
11.	Land Under the Ocean	a. square feet	b. square feet		
		c. c/y dredged	d. c/y dredged		
12.	☐ Barrier Beaches	• -	nder Coastal Be	aches and/or Co	astal Dunes
13.	Coastal Beaches		<u> </u>	cu yd c. nourishment	cu yd d. nourishment
		a. square feet	b. square feet		_
14.	☐ Coastal Dunes	a. square feet	b. square feet	c. nourishment	cu yd d. nourishment
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	Indicate size ur the Ocean, and Waterways, ab	d/or inland Land	anks, Inland Bank I Under Waterboo	, Land Under lies and
		a. c/y dredged	b. c/y dredged		
21.	☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		
22.	☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
	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



## WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

#### B. Findings (cont.)

\* #23. If the project is for the purpose of restoring or enhancing a wetland resource area 24 in addition to the square footage that has been entered in Section B.5.c (BVW) or B.17.c (Salt Marsh) above, 1 please enter the additional amount here. 2.

3. Restoration/Enhancement *:	
a. square feet of BVW	b. square feet of salt marsh
4. 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 <u>5/14/24</u> 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.



#### WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
239-889
MassDFP File #

eDEP Transaction #
Newton
City/Town

#### 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	f Environmenta	al Protection" [or, "MassDEP"]
"File Number	239-889	"

- 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.



#### WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

#### 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.

	rk associated with this Order (the "Project")
	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

the requirements of Stormwater Standard 10;



## WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889

MassDEP File #

City/Town

eDEP Transaction #
Newton

#### 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.

wpaform5,doc • rev 5/18/2020 Page 8 of 13



#### WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889

MassDEP File #

eDEP Transaction #
Newton

City/Town

#### 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 attached "Findings and Special Conditions of the Newton Conservation Commission" pages 10-A et seq.

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.

wpaform5.doc • rev 5/18/2020 Page 9 of 13



## WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

# D. Findings Under Municipal Wetlands Bylaw or Ordinance

1.	ls a n	nunicipal wetlands bylaw or ordinance applicable? 🔲 Yes 🛮 🛛 No	
2.	The	Newton hereby finds (check one Conservation Commission	that applies):
		that the proposed work cannot be conditioned to meet the standards nunicipal ordinance or bylaw, specifically:	set forth in a
		City Floodplain Ordinance	22-22
		. Municipal Ordinance or Bylaw	2. Citation
	Ir	Therefore, work on this project may not go forward unless and until a revolutent is submitted which provides measures which are adequate to meastandards, and a final Order of Conditions is issued.	vised Notice of et these
		that the following additional conditions are necessary to comply with ordinance or bylaw:	a municipal
		City Floodplain Ordinance	22-22
		. Municipal Ordinance or Bylaw	2. Citation
3. The Commission orders that all work shall be performed in accordance with the follow conditions and with the Notice of Intent referenced above. To the extent that the follow conditions modify or differ from the plans, specifications, or other proposals submitted the Notice of Intent, the conditions shall control.			
	The s more	special conditions relating to municipal ordinance or bylaw are as follow space for additional conditions, attach a text document):	s (if you need
		es" above, please see attached "Findings and Special Conditions of the servation Commission" pages 10-A et seg.	Newton

Page 10 of 13

#### Findings (considered as and given equal status as special conditions)

Site: Newton Free Library – 330 Homer Street

Owner/Applicant: City of Newton (James McGonagle, project applicant)

1000 Commonwealth Avenue, Newton, MA 02459

617-796-1009 jmcgonagle@newtonma.gov

Representative Scott Turner, Environmental Partners

1900 Crown Colony Drive, Unit 402, Quincy, MA 02169

617-657-0280 sdt@envpartners.com

Date of Issuance May 14, 2021

Existing Conditions: Existing parking lot and lawn area around stream/pool

#### Approved Project Summary:

Reconstruct parking lot to (accommodate solar canopies) and add 21 new parking stalls for a total of 206 stalls.

- The overall project will result in a loss of 0.25 acres of existing landscaped island areas, but much of the loss is outside buffer zone and is proposed to be mitigated by added landscaping around the stream/pool.
- Significant enhancements are proposed for the site's stormwater management. There will be 0.25 acres of porous pavement. All proposed drainage connections are of perforated pipe to allow for some infiltration prior to discharge at a flared end pipe stabilized with rip rap directly adjacent to the stream/pool.

#### Final Approved Plans

- "Site Development Plans Newton Free Library Parking Lot", prepared by Environmental Partners Group, stamped and signed by Scott Turner.
  - C-00: Cover Page and Location Map, scale 1" = 300'-0"
  - o C-01: "General Notes and Legend," no scale, last revised 4/27/21
  - C-02: "Demolition Plan," no scale, last revised 4/27/21
  - C-03: "Site Plan," scale 1" = 20', last revised 4/27/21
  - $\circ$  C-04: "Traffic Sign & Pavement Marking Plan," scale 1" = 20', last revised 4/27/21
  - C-05: "Grading Plan," scale 1" = 20', last revised 5/12/21
  - o C-06: "Drainage Plan," scale 1" = 20', last revised 5/12/21
  - o C-07: "Erosion & Sediment Control Plan," scale 1" = 20', last revised 5/12/21
  - C-08: "Construction Details I," no scale, last revised 4/27/21
  - C-09: "Construction Details II," no scale, last revised 4/27/21
  - C-10: "Construction Details III," no scale, last revised 4/27/21
  - C-11: "Construction Details IV," no scale, last revised 4/27/21
  - o C-12: "Construction Details V," no scale, last revised 4/27/21
  - "Newton Free Library Parking Lot," by Radner Design Associates, Inc., signed and stamped by Michael Radner, last revised 4/27/21.
    - o LO: "Key Plan, Landscape Details, Landscape Notes," scale 1" = 20'
    - o L1: "Enlargement Plan 1," scale 1" = 10'
    - L2: "Enlargement Plans 2 & 3," scale 1" = 10"
    - o L3: "Enlargement Plan 4," scale 1" = 10'

#### **Plan Revisions**

- Any required or desired deviations from this plan shall be requested in writing of the Commission Office. Relatively
  minor changes which result in the same or decreased impact on the interests protected by the Act may be
  considered by the Conservation Commission for an amended Order of Conditions. If, however, the project purpose
  or scope changes substantially or the interests of the Wetlands Protection Act are not protected, the Conservation
  Commission will require the filing of a new Notice of Intent.
- When plans are updated it is the responsibility of the applicant to provide all City Departments involved in the
  permitting and approval process complete and consistent plans.
- The Newton Conservation Commission retains the right to require the submittal of additional information or impose additional conditions deemed necessary to ensure the protection of wetland resource areas.

# Findings and Special Conditions of the Newton Conservation Commission DEP #239-889, 330 Homer Street, drainage and landscaping for parking lot

#### **Jurisdiction**

Buffer Zone: 301 CMR 10.53(1)

#### Reasons for Approval (Impact Analysis)

• <u>Buffer Zone</u>: The proposed work is occurring only in buffer zone; the plan includes substantial plantings and a significantly improved stormwater management system. Overall, the proposed work will result in an improvement to water quality and wildlife habitat.

<u>Limit of Work</u>: The sediment control line shall be the limit of work.

In case of emergencies, problems, or questions, contact: Jennifer Steel: 617-796-1134.

#### **Conditions Prior to the Start of Work**

- 21. All other applicable federal, state and/or local permits and/or approvals must be obtained.
- 22. This document shall be included in all construction contracts, subcontracts, and specifications associated with the proposed work and shall supersede any conflicting contract requirements. The Applicant shall ensure that all contractors, subcontractors and personnel performing the permitted work are aware of the permit's terms and conditions. Thereafter, the contractor will be held jointly liable for any violation of this Order. Nothing in this paragraph shall limit or restrict the liability of the Applicant for violations of this Order.
- 23. The applicant shall work with Conservation staff (through an administratively approved Minor Plan Change, if appropriate) to ensure that any revisions to the Stormwater Checklist required by DEP are met. If more significant changes are required, the applicant shall come before the Conservation Commission for a Minor Plan Change or amended OOC.
- 24. <u>A Stormwater Pollution Prevention Plan SWPPP must be submitted for review and approval</u> by the Conservation Office at least 2 weeks prior to the start of work.
- 25. Appropriate dewatering protocols must be included in the SWPPP.
- 26. The applicant must schedule and attend a <u>pre-construction site visit</u> with the applicant, construction supervisor and Conservation agent, to review:
  - a. <u>Proof of Recording the Order</u> and the <u>Operations and Maintenance Plan</u> appended hereto
  - b. A signed Certificate of Understanding
  - c. Contact information for those responsible for construction, sediment controls, and landscaping
  - d. Anticipated timeline
  - e. <u>DEP File number sign</u> (minimum size 2'x2', clearly visible from the street)
  - f. <u>Sedimentation/erosion controls</u> (properly installed in the correct locations)
  - g. <u>Protection of all trees and shrubs</u> as shown within the limit of work, and as necessary outside the limit of work, with orange snow fence installed at the dripline, plywood sheeting over the roots, and boards tied to the trunk.
- 27. Notice shall be given to the Conservation Commission at least two business days prior to the start of work.

#### **Conditions During Work**

- 28. Prohibitions include: damage to any of the mature trees around the stream/ponding area.
- 29. A copy of the approved <u>plans and Order of Conditions shall be on-site</u> and available at all times. All contractors must adhere to the approved plan and conditions. Should any damage occur during the project, the applicant or any successor shall be responsible for the full cost of restoration of the wetland to the satisfaction of the Commission.
- 30. <u>Erosion controls must be inspected and properly maintained</u> during construction until the site is stable. If a breach of the erosion control barriers occurs, the Newton Conservation Commission shall be notified, and measures shall be taken to remediate said breach. City streets shall be kept clean and catch basins in the immediate area shall be protected from eroding soils. An adequate supply of extra erosion control materials shall be stored on-site at all times for repair or replacement. Hay bales are prohibited without permission from the Commission. <u>Erosion control barriers shall remain in place until written authorization</u> for their removal has been received from the Newton Conservation Commission.
- 31. "Good housekeeping practices" shall be implemented at all times, including:
  - a. appropriate limits to stormwater discharges
  - b. appropriate stockpile area management
  - c. appropriate limits to vehicle refueling, washing, etc.

# Findings and Special Conditions of the Newton Conservation Commission DEP #239-889, 330 Homer Street, drainage and landscaping for parking lot

- d. appropriate litter management
- e. appropriate controls for tire tracking
- 32. During the construction period and prior to issuance of a Certificate of Compliance, members and <u>agents of the Conservation Commission shall have the right to inspect</u> the applicant's project to evaluate compliance with the approved plans and these conditions.
- 33. Work shall be immediately halted on the site if an Agent of the Commission or DEP determines that any of the work is not in compliance with this Order of Conditions or Special Conditions.
- 34. <u>Stabilized driveway construction entrance(s)</u> must be installed, maintained, and utilized when the site is unpaved. The applicant shall prevent tracking of mud and silt onto City streets.
- 35. The stormwater infiltration system must be installed as per the approved plans.
- 36. The <u>City Engineer must inspect the porous pavement system, including inspection of the excavated area prior to installation</u>. The applicant must submit <u>proof of inspection to the Cons. Office</u>.
- 37. <u>Landscape</u> plantings within Commission jurisdiction must:
  - a. Stabilize all exposed areas
  - b. Be installed in compliance with the approved plans (desired changes must be approved by the Conservation office in advance)
  - c. Have a survival rate of 75 % of total number of shrubs (after 2 growing seasons)
  - d. Have a survival rate of 75 % aerial coverage of all other plants (after 2 growing seasons)
  - e. Mulch applications, if any, shall diminish over time and eventually cease as ground cover species and shrubs spread.
- 38. If any <u>trees within the wetland or buffer within the project area die within 2 years of the start of construction</u> or have been demonstrably harmed by construction activities, they shall be replaced at a ratio of 2:1 with native canopy saplings (of roughly 2 caliper inches).

#### **Conditions after Work has been Completed**

- 39. The applicant must apply for a Certificate of Compliance in accordance with DEP Condition #12, by submitting:
  - a. A completed "Request for Certificate of Compliance (WPA Form 8A)."
  - b. An <u>as-built plan</u> signed and stamped by a professional engineer or land surveyor registered in Massachusetts. This plan will include all structures, grading (topography), drainage, and landscape features and plantings.
  - c. A <u>written statement from a Professional Engineer</u> registered in Massachusetts certifying that the work has been completed in substantial compliance with this Order of Conditions and the approved plans referenced herein (or approved revisions). If the completed work differs from that in the approved plans and conditions, the report must specify how the project differs.
  - d. As-built plan and letter from a landscaper certifying compliance with the approved planting scheme.
- 40. No <u>Certificate of Occupancy</u> shall be approved by Conservation unless a Certificate of Compliance has been issued or the request receives the written approval of the Chief Environmental Planner.

## Perpetual Conditions that Shall Not Expire upon the Issuance of a Certificate of Compliance

- 41. The approved <u>Operations and Maintenance Plan</u> is appended hereto and must be adhered to and shall note that sand should not be used in areas surrounding and on the porous pavement.
- 42. The owner shall ensure that snow is not plowed into the vegetated islands or area surrounding stream/pool. Snow is to be stored to the south and west edges of the parking lot and any snow exceeding the volume of these areas will be removed from site.

# STORMWATER OPERATION & MAINTENANCE PLAN

Newton Free Library 330 Homer Street Newton, MA

Responsible party during construction:

City of Newton 1000 Commonwealth Avenue Newton, MA

Responsible party post construction:

City of Newton 1000 Commonwealth Avenue Newton, MA

## **CONSTRUCTION PHASE**

During the construction phase, all erosion control devices and measures shall be maintained in accordance with the final record plans, local/state approvals and conditions, the EPA Construction General Permit and the Stormwater Pollution Prevention Plan (SWPPP) if applicable. Additionally, the maintenance of all erosion / siltation control measures during construction shall be the responsibility of the general contractor. Contact information of the OWNER and CONTRACTOR shall be listed in the SWPPP for this site. The SWPPP also includes information regarding construction period allowable and illicit discharges, housekeeping and emergency response procedures. Upon proper notice to the property owner, the Town/City or its authorized designee shall be allowed to enter the property at a reasonable time and in a reasonable manner for the purposes of inspection.

## POST DEVELOPMENT CONTROLS

Once construction is completed, the post development stormwater controls are to be operated and maintained in compliance with the following permanent procedures (note that the continued implementation of these procedures shall be the responsibility of the Owner or its assignee):

1. Parking lots and on-site driveways: Sweep at least four (4) times per year and on a more frequent basis depending on sanding operations. All resulting sweepings shall be collected and properly disposed of offsite in accordance with MADEP and other applicable requirements.

Approximate Maintenance Budget: \$1,000/year

2. Catch basins, yard drains, trench drains, manholes and piping: Inspect four (4) times per year and at the end of foliage and snow-removal seasons. These features shall be cleaned four (4) times per year or whenever the depth of deposits is greater than or equal to one half the depth from the bottom of the invert of the lowest pipe in the catch basin or underground system. Accumulated sediment and hydrocarbons present must be removed and properly disposed of offsite in accordance with MADEP and other applicable requirements.

Approximate Maintenance Budget: \$500/year per structure.

3. Underground Infiltration Trench: Preventative maintenance after every major storm event during the first three (3) months of operation and at least twice per year thereafter. Inspect structure and pretreatment BMP to ensure proper operation after every major storm event (generally equal or greater to 3.0 inches in 24 hours) for the first three months. The outlet of the BMP, if any, shall be inspected for erosion and sedimentation, and rip-rap shall be promptly repaired in the case of erosion. Sediment collecting in the bottom of the basin shall be inspected twice annually, and removal shall commence any time the sediment reaches a depth of six inches anywhere in the basin. Any sediment removed shall be disposed of in accordance with MADEP and other applicable requirements.

Approximate Maintenance Budget: Cleaning - \$1,000/year, Inspection - \$200/year

4. Bioretention Areas: shall be inspected and cleared of trashed monthly; mowed 2 to 12 times per year; mulched annually; fertilized annually; dead vegetation removed annually; pruned annually; replace entire media and all vegetation as needed. Any sediment removed shall be disposed of in accordance with MADEP and other applicable requirements.

Approximate Maintenance Budget: \$2,000/year per area

5. Dry Well: Dry wells shall be inspected a minimum of once a year to ensure they are operating as intended and in working order. To determine if the dry well is functioning, measure the depth of water at 24 and 48 hour intervals after a storm. Calculate clearance rates by dividing the drop in water level (inches) by the time elapsed (hours). Inspections shall be by qualified personnel assigned by the property owner. Sediment collecting in the bottom of the basin shall be inspected once annually, and shall be removed any time the sediment reaches a depth of six inches. Any sediment removed shall be disposed of in accordance with MADEP and other applicable requirements.

Approximate Maintenance Budget: Cleaning - \$1,000/year, Inspection - \$200/yr

6. Porous asphalt: Refer to "Regular Inspection and Maintenance Guidelines for Permeable Pavements" and "Checklist for Inspection of Permeable Pavement" at the end of Appendix G.

All components of the stormwater system will be accessible by the owner or their assignee.

# STORMWATER MANAGEMENT SYSTEM POST-CONSTRUCTION INSPECTION REPORT

Location:

Newton Free Library 330 Homer Street Newton, MA

Responsible Party:

City of Newton 1000 Commonwealth Avenue Newton, MA

NAME OF INSPECTOR:	INSPECTION DATE:			
Note Condition of the Following (sediment depth, debris, standing water, damage, etc.):				
Catch Basins:				
Discharge Points/ Flared End Sections / Rip Rap:				
Infiltration Trench:				
Drywell:				

Porous Asphalt:
Note Recommended Actions to be taken on the Following (sediment and/or debris removal, repairs, etc.):
Catch Basins:
Discharge Points / Flared End Sections / Rip Rap:
Discharge Points / Flared Life Sections / Kip Kap.
Infiltration Basin:
Drywell:
D.y.ve
Porous Asphalt:
Comments:

# STORMWATER INSPECTION AND MAINTENANCE LOG FORM

O Homer Street – Newton, MA Stormwater Management Practice	Responsible Party	Date	Maintenance Activity Performed
			,
			. Assets
			1



## WPA Form 5 - Order of Conditions

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

Provided by MassDEP:
239-889
MassDEP File #
eDEP Transaction #
Newton
City/Town

#### 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.

5/14/21 1. Date of Issuance

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

2. Number of Signers

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

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.

I, Jennifer Steel, Chief Environmental Planner of the City of Newton, am authorized to execute on behalf of the members of the City of Newton Conservation Commission all Determinations of Applicability, Orders of Condition, and Certificates of Compliance pursuant to the Commission's vote dated April 2, 2020, and recorded with the Middlesex South District Registry of Deeds in Book 74537, Page 433.

Signature Til	Jennifer Steel Printed Name
s/ Daniel Green	Daniel Green
Signature	Printed Name
s/ Susan Lunin	Susan Lunin
Signature	Printed Name
s/ Jeffery Zabel	Jeffery Zabel
Signature	Printed Name
s/ Judith Hepburn	Judith Hepburn
Signature	Printed Name
s/ Ellen Katz	Ellen Katz
Signature	Printed Name
s/ Kathy Cade	Kathy Cade
Signature	Printed Name
s/ Leigh Gilligan	Leigh Gilligan
Signature	Printed Name
Description by	☐ by certified mail, return receipt requested, on
Date	Date



## **WPA Form 5 – Order of Conditions**

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

Provided by MassDEP: 239-889

MassDEP File #

eDEP Transaction #
Newton

City/Town

#### 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.



## WPA Form 5 – Order of Conditions

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

Provided by MassDEP: 239-889
MassDEP File #

eDEP Transaction #

Newton City/Town

# 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.

Conservation Commission					
Detach on dotted line, have stamped by Commission.	the Registry of Deeds and su				
То:					
Conservation Commission					
Please be advised that the Order of Co	nditions for the Project at:				
Project Location	MassDEP File Numb	per			
Has been recorded at the Registry of D	eeds of:				
County	Book	Page			
for: Property Owner					
and has been noted in the chain of title	and has been noted in the chain of title of the affected property in:				
Book	Page				
In accordance with the Order of Condition	ions issued on:				
Date					
If recorded land, the instrument numbe	r identifying this transaction is	3:			
Instrument Number					
If registered land, the document number	er identifying this transaction i	s:			
Document Number					
Signature of Applicant					

wpaform5.doc • rev 5/18/2020 Page 13 of 13



1.

2.

3.

# **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

# **Request for Departmental Action Fee Transmittal Form**

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

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

DEP File Number:	
Provided by DED	

# A. Request Information

a. Street Address	b. City/Town, Zip	
c. Check number	d. Fee amount	
Person or party making request (if app	propriate, name the citizen group's represe	entative):
Name		
Mailing Address		<u></u>
City/Town	State	Zip Code
Phone Number	Fax Number (if ap	pplicable)
Applicant (as shown on Determination (Form 4B), Order of Conditions (Form Non-Significance (Form 6)):	n of Applicability (Form 2), Order of Resou n 5), Restoration Order of Conditions (Form	rce Area Delineation
Name		
Mailing Address		
City/Town	State	Zip Code
Phone Number	Fax Number (if ap	oplicable)
DEP File Number:		
		,
Instructions		
When the Departmental action reque	st is for (check one):	
When the Departmental action reques  Superseding Order of Conditions projects)	est is for (check one): s – Fee: \$120.00 (single family house project	ts) or \$245 (all other

When filling out forms on the computer, use only the tab key to move your cursor - do

Important:

not use the return key.





# Request for Departmental Action Fee Transmittal Form

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

B. Instructions (cont.)

DEP File Number:

Provided by DEP

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.
- 3. 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 <a href="https://www.mass.gov/service-details/massdep-regional-offices-by-community">https://www.mass.gov/service-details/massdep-regional-offices-by-community</a>).
- 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.