Edgartown, Mass
Town Clerk's Office
JVI 18, 2019
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AT 12 H51 M PM

DENIAL



Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

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

Provided by MassDEP:

<u>SE20~152</u>9

MassDEP File #

eDEP Transaction #

Edg 5-19

	A. General Informat	ion	A CONTRACTOR OF THE CONTRACTOR	
Please note: this form has been modified with added space to accommodate	From: Conservation Commit This issuance is for (check one):		Conditions b. Amended Ord	er of Conditions
he Registry of Deeds Requirements	3. To: Applicant: Rachel Pachte	? <i>(</i> -		
mportant: When filling out forms on	a. First Name Vineyard Win c. Organization		b. Last Name	
he computer, use only the ab key to	100 Pleasant d. Mailing Address New Bedford	- Street	Suite 510	02740
move your cursor - do not use the	e. City/Town 4. Property Owner (if different	from applicant):	f. State	g. Zip Code
eturn key.	a. First Name	th of Mas	5 a chusett 5 b. Last Name	
return X	c. Organization			
	d. Mailing Address e. City/Town		f. State	g. Zip Code
	5. Project Location: NA - Offsho.	re project		
	a. Street Address c. Assessors Map/Plat Number	. (0	b. City/Town d. Parcel/Lot Number	

d. Latitude

Latitude and Longitude, if known:



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
City/Town

						City/Town
A.	General Informatio	n (c	ont	i.)		
6.	Property recorded at the Re one parcel):	gistry	of l	Deeds for (attach additiona	l info	ormation if more than
	Dulces			NA		
	a. County			b. Certificate Number	er (if	registered land)
	NA			NA		
	c. Book			d. Page 27 June 261 b. Date Public Hearing Clo		
	- 18 January	20	49	27 June 201	9	18 July 2019
7.	Dates: a. Date Notice of Inte	ent File	d	b. Date Public Hearing Clo	sed	c. Date of Issulance
8.	Final Approved Plans and C	Other -	Dod	uments (attach additional p	olan	or document references
	as needed): Marine Survey	4 6	سا	uts (1-4)		
	a. Plan Title	· · ·	س بد	· <u>C</u>		
	FD6,164 1/329	- 14	. } ~~	c. Signed and Stam	ned	hv
	b. Prepared By			c. Oighed and Otan	peu	•,
	d. Final Revision Date			e. Scale		
	f. Additional Plan or Document Titl	e				g. Date
В.	Findings					
1.	Findings pursuant to the Ma	assac	hus	etts Wetlands Protection A	ct:	
	Following the review of the provided in this application the areas in which work is protection Act (the Act). Ch	and p propos	res sed	ented at the public hearing, is significant to the followin	this	s Commission finds that
a.	Public Water Supply	b.	X	Land Containing Shellfish	C.	☐ Prevention of Pollution
d.	☐ Private Water Supply	e.	×	Fisheries	f.	
g.	☐ Groundwater Supply	h.	X	Storm Damage Prevention	ìi.	
2.	This Commission hereby fine	ds the	pro	oject, as proposed, is: (check	one	e of the following boxes)
Αp	proved subject to:					
a.	the following conditions standards set forth in the w be performed in accordance General Conditions, and ar that the following conditions proposals submitted with the	etlande with ny oth s mod	ds r n the ier s tify :	e Notice of Intent reference special conditions attached or differ from the plans, spe	on o d ab to th ecific	rders that all work shall love, the following his Order. To the extent cations, or other



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
City/Town

B. Findings (cont.)

Denied because:

- b. At 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.
- c. 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).
- 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)

1111441141414141414141414141414141414141				
Resource 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	a, square feet	b. square feet	c. square feet	d. square feet
6. Land Under Waterbodies and Waterways	a. square feet	b. square feet	c. square feet	d. square feet
vater ways	e. c/y dredged	f. c/y dredged		
 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
 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



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
City/Town

B. Findings (cont.)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
0. Designated Port			er the Ocean, bel	,
Areas 1.	a, square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
2. Barrier Beaches	Indicate size below	under Coastal B	eaches and/or Co	oastal Dunes
3. Coastal Beaches		h annam foot	cu yd c, nourishment	cu yd d. nourishmen
o obasia,	a. square feet	b. square feet	c, nounshment	
4. Coastal Dunes	a, square feet	b. square feet		
5. Coastal Banks	a, linear feet	b. linear feet		
s. Rocky Intertidal Shores	a. square feet	b. square feet		
7. Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
8.	a. square feet	b. square feet	-	186 A.S.
	c. c/y dredged	d, c/y dredged		-
 Land Containing Shellfish 	a, square feet	b. square feet	c. square feet	d. square feet
o. Fish Runs	Indicate size the Ocean, a Waterways, a	nd/or inland Lan	anks, Inland Bar d Under Waterbo	nk, Land Under odies 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	•	h. square feet	i. square feet	j, square feet



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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
City/Town

B. Findings (cont.)

* #23. If the 23 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.

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 ____ 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:
MassDEP File #
eDEP Transaction #
Citv/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 Environmental Protection" [or, "Ma	ASSUEP J
"File Number"	
11. Where the Department of Environmental Protection is requested to issue Order, the Conservation Commission shall be a party to all agency proce hearings before MassDEP.	eedings and

- 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:
MassDEP File #
eDEP Transaction #
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.

19.	The wo	rk associated with this Order (the "Project")
	(1) [is subject to the Massachusetts Stormwater Standards
		is NOT subject to the Massachusetts Stormwater Standards
	77	•

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 MassDEF	Provided	bу	MassDEP
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MassDEP File #

eDEP Transaction #

City/Town

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.



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
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
 - 3. 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.

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):
- 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.



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:	
MassDEP File #	
eDEP Transaction #	
City/Town	

	IV	lassachusetts Wettahus Frotouton Not M. O. E. S. 701, 5.10				
			City/Town			
D.	Fii	ndings Under Municipal Wetlands Bylaw or	Ordinance			
1.	ls a	n municipal wetlands bylaw or ordinance applicable? 🔲 Yes	⊠ No			
2.	The	The hereby finds (check-one that applies):				
	a,	that the proposed work cannot be conditioned to meet the star municipal ordinance or bylaw, specifically:	ndards set forth in a			
		1. Municipal Ordinance or Bylaw	2. Citation			
		Therefore, work on this project may not go forward unless and un Intent is submitted which provides measures which are adequate standards, and a final Order of Conditions is issued.	til a revised Notice of to meet these			
	b.	that the following additional conditions are necessary to compordinance or bylaw:	ly with a municipal			
		1. Municipal Ordinance or Bylaw	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. The special conditions relating to municipal ordinance or bylaw are as follows (if you need					
	mo	ore space for additional conditions, attach a text document):	, ,			
			1988 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			

ATTACHMENT FOR VINEYARD WIND ORDER OF CONDITIONS SE20-1529 Edgartown File 5-19

At a duly noticed and advertised meeting of the Edgartown Conservation Commission held on 27 June 2019, the Commission voted to issue an Order of Conditions prohibiting the installation and maintenance of two submarine cables, as per 310 CRM 10.05 (6)(c). The Commission found that the applicant failed to submit sufficient information to evaluate the short-term and long-term adverse effects on marine fisheries and land containing shellfish. The applicant failed to submit sufficient information to describe the site. The Commission also found that the area is significant to storm damage prevention, flood control, and protection of wildlife habitat.

The project does not meet the performance standards contained in 310 CMR 10.25 and 10.34.

FINDINGS:

The Commission found that the project will have short-term and long-term adverse effects on water quality, finfish habitat, important food for wildlife and shellfish, distribution of sediment, and the natural topography of the ocean floor. The Commission also found that the project will result in permanent conversion of habitat for marine fisheries and land containing shellfish.

The work involved in installing and maintaining the project includes, but is not limited to, a pre-lay grapple run, cable laying, vessel anchoring, and cable protection. The applicant described three typical techniques for the cable installation, and five other possible techniques. Given the high-energy marine environment inevitable delays can be expected. The applicant has presented, as outlined in the BOEM Draft Environmental Impact Statement, the best case scenario for impacts to the marine resources. The report highlights minor to moderate short-term and long-term impacts based on best case scenarios, and did not take into account the delays in installation of the cables that are inevitable in the high-energy and abrasive marine environment of Muskeget Channel. NOAA also noted that "...many of the conclusory statements relating to the scale of impacts for the biological resources...are not well supported....Specifically, impacts categorized as major appear under inclusive, while impacts designated moderate seem overly inclusive."

The applicant did not sufficiently outline or present evidence that maintenance of the cables, over the anticipated life span of 30 years, would not have any long-term or short-term adverse impacts on the interests cited above. Recently a problem with the a cable for WHOI Met Mast that runs from South Beach in Edgartown just offshore took many months longer to fix than anticipated. The marine environment of the near shore areas off South Beach is much more forgiving than the high energy environment of Muskeget Channel. Therefore, repairs and maintenance, which are expected to occur, will likely result in delays much longer than those experienced by WHOI. These delays will result in

additional short-term and long-term adverse impacts on marine resources and possible permanent habitat conversion.

Therefore the Commission found that the environmental impacts on the resource areas have been under estimated, and believes that the short-term and long-term impacts can be expected to surpass the estimate and predictions offered by the applicant. This finding echoes the concerns NOAA voiced after the draft BOEM report was released. NOAA stated that: "The conclusion that the impacts to benthic resources would be negligible from the project is not supported by the information provided...." NOAA recommended that the indirect impacts from the cable installation receive further attention. NOAA also noted that the impacts to the epifauna, which is an important benthic resource found on hard/bottom/complex habitats, are absent from the BOEM report.

Comparative studies for cable laying techniques used in Europe are not sufficient to describe the environment of Muskeget Channel. Comparable studies cited by the applicant, designed to anticipate recolonization and recovery of the marine and benthic habitats, are not sufficient to describe the impacts to Muskeget Channel. Particle sediment studies for the Block Island wind farm are not sufficient or comparable to describe the impacts in Muskeget Channel.

The applicant did not present sufficient evidence or studies directly related to the environment of Muskeget Channel that demonstrate no short- or long-term adverse effects outside the natural fluctuations in the environment.

The applicant states that the project will result in unavoidable temporary impacts to offshore wetland resource areas. The applicant also states that the project will avoid sensitive habitats, and where impacts cannot be avoided, the project will attempt to minimize those adverse impacts. The Commission found that the post-construction survey methodologies and protocol have yet to be fully identified and therefore, quantifying attempts to minimize those impacts are premature at best.

The Commission found the proposed decommissioning plan submitted by Vineyard Wind to be incomplete and inadequate for substantive review and approval.

DISCUSSION:

Cable is proposed to be buried "in the stable seabed beneath the mobile features such as sand waves."

There is no 'stable seabed' – it is all subject to scouring to depths that vary depending on the strength and direction of the currents. That will change with the phase of the moon, time of year, storms, and the co-incidence of those events.

The dynamic nature of the location, both above and beneath the surfaces (air/water, water/seabed), means work on cable burial is likely to be interrupted, especially during the times of year when weather events are most likely to occur. This will probably result in the need for some work such as the preparation of the cable burial pathways to be re-done. The time frame for cable installation will likely

be extended beyond the time frame projected by Vineyard Wind, with the subsequent magnification of negative impacts to the resource area.

Given the near certainty of cables becoming exposed, additional measures such as re-burial or armoring will need to be undertaken, increasing the impact to the resource area. At certain times of year (late fall through spring), work may not be possible due to weather events. These are also the times of year that there is an increased risk of the cables becoming exposed.

The time of year (late spring through summer) that is most conductive to uninterrupted work is also the time when more species of finfish are present and using the area for feeding and reproduction, presenting a greater risk to the health of their populations.

In the spring many species of fin and shellfish become more active. Fin and shellfish spawning is largely a function of water temperature. Any disruptive activity at the time of year coinciding with spawning will, in all probability, impact reproductive success. During the larval stage of growth, feeding is primarily on algae and zooplankton, which are particularly susceptible to mortality due to sedimentation and degradation of water quality.

Migrating finfish follow corridors learned during their juvenile stage, almost always in deeper channels that provide protection from predation, yet have ready access to shallower feeding areas. Muskeget Channel clearly fulfills these requirements. Disruption during migration, especially repetitive disruption, can have long-term impacts on the health of the various species that use the corridor. The smaller species that are resident populations provide food for the migrating populations, and are vulnerable to any disturbance that degrades their habitat. [See Figure 4 in the NOI.] Resident populations of finfish also depend on the abundance of smaller species and are similarly vulnerable.

The currents in the channel are strong and serve as a means of broadcasting the eggs and larvae to adjacent areas. A negative impact on the dispersal of eggs and larvae can be expected if dredging and anchoring occur during late spring/early summer.

Material that is displaced during dredging will alter the nature of the seabed. The assumption that such displacement is benign is unsupported and probably incorrect. Dredging is predicted to occur over a significant portion of the proposed cable corridor [See Section 5.3.1 and Figures 3 and 6 in the NOI.] Migration of the dredged material is highly probable and is expected to occur. The entire corridor is listed as Priority Habitat for state-listed rare species. A negative impact of unpredictable magnitude is unavoidable.

Anchoring of vessels during cable installation is likely to occur over the entire length of the proposed corridor. [See Section 4.2.2 and 5.3.2.] Both anchoring and cable sweep are admitted to be disruptive to the structure of the seabed and the benthic habitat. There is no attempt to quantify the impact, but it will be negative. Impact will increase with the frequency and length of anchoring activity.

All of the above are factors that were considered to be unacceptable to the health of the environment of Muskeget Channel, and thus a denial of the Vineyard Wind NOI is necessary.



WPA Form 5 – Order of Conditions

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

Provided by MassDEP:
MassDEP File #
eDEP Transaction #
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.

Please indicate the number of members who will sign this form. This Order must be signed by a majority of the Conservation Commission.

2. Number of Signers

1. Date of Issuance

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.

Signatures:

X Leffer & Comment of the Comment of t

by hand delivery on

Date

x by certified mail, return receipt requested, on

18 July 201

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.