



STATE OF DELAWARE
**DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**
DIVISION OF WATERSHED STEWARDSHIP
ENTERPRISE BUSINESS PARK
285 BEISER BOULEVARD, SUITE 102
DOVER, DELAWARE 19904

SHORELINE AND WATERWAY
MANAGEMENT SECTION

PHONE: (302) 739-9921
FAX: (302) 739-6724

May 14, 2023

Ms. Jennifer Holmes
DNREC, Delaware Coastal Programs
100 W. Water St. Suite 7B
Dover, De 19904

Re: [Delaware Department of Natural Resources and Environmental Control
Delaware Bay Beach Renourishment Project](#)

Dear Ms. Holmes:

DNREC's Division of Watershed Stewardship is requesting a permit to perform the placement of sand fill at Lewes Beach along the Delaware Bay. The project is for renourishment of a severely eroded beach via USACE dredging project to provide erosion and storm damage protection to public streets, utilities, and private and commercial structures landward of the coastline. The project will also serve to restore a section of shoreline used for public recreation.

Enclosed you will find original copies of the following documents in support of our request:

- The Federal Consistency Application
- Copy of USACE Application

DNREC would like to perform this work as early as fall/winter of 2023-2024, and we would appreciate your processing of this permit application at your earliest convenience. Current permits do not expire until December 31, 2023. Additionally, DNREC requests that the issued permit expiration date is consistent with the federal permit expiration date. If you should have any questions on the above and/or enclosed, please feel free to direct all correspondence to Kathleen Bergin at Kathleen.Bergin@delaware.gov or 302-739-9453.

Sincerely,

Kathleen Bergin

Kathleen Bergin
Environmental Scientist III
Shoreline and Waterway Management Section



Initial Review: _____
Updated On: _____
Complete: _____
Official Use Only

Coastal Zone Management Act Federal Consistency Form

This document provides the Delaware Coastal Management Program (DCMP) with a Federal Consistency Determination or Certification for activities regulated under the Coastal Zone Management Act of 1972, as amended, and NOAA's Federal Consistency Regulations, 15 C.F.R. Part 930. Federal agencies and other applicants for federal consistency are not required to use this form; it is provided to applicants to facilitate the submission of a Consistency Determination or Consistency Certification. In addition, federal agencies and applicants are only required to provide the information required by NOAA's Federal Consistency Regulations.

Project/Activity Name:	Lewes Rehoboth Nourishment Project
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I. Federal Agency or Non-Federal Applicant Contact Information:

Contact Name/Title: Terry Deputy- Division of Watershed Stewardship Director

Federal Agency Contractor Name (if applicable): _____

Federal Agency: _____
(either the federal agency proposing an action or the federal agency issuing a federal license/permit or financial assistance to a non-federal applicant)

Mailing Address: 285 Beiser BLVD Suite 205

City: Dover State: De Zip Code: 19901

E-mail: Terry.Deputy@delware.gov Telephone #: 302-739-9921

II. Federal Consistency Category:

- Federal Activity or Development Project (15 C.F.R. Part 930, Subpart C)
- Outer Continental Shelf Activity (15 C.F.R. Part 930, Subpart E)
- Federal Financial Assistance (15 C.F.R. Part 930, Subpart F)
- Federal License or Permit Activity (15 C.F.R. Part 930, Subpart D)
- Federal License or Permit Activity which occurs wholly in another state (interstate consistency activities identified in DCMP's Policy document)

III. Detailed Project Description (attach additional sheets if necessary):

The proposed project is an extension of a USACE preplanned project to use a known USACE off-shore borrow area to restore the beach near Roosevelt inlet. DNREC Division of Watershed Stewardship proposes to add an additional 75,000 cubic yards of dredged fill material to the beach from Missouri to New York Avenues in Lewes, DE. The goal is to capitalize on the USACE project in the area and use their assistance to complete the project. Fill material will be placed along the beach and shaped using construction equipment. This will increase both the coastal storm resiliency within this area and recreational opportunities.

IV. General Analysis of Coastal Effects (attach additional sheets if necessary):

This project is expected to increase coastal resiliency by lengthening the berm height and reinforcing the coastal dunes within the area.

V. Detailed Analysis of Consistency with DCMP Enforceable Policies (attach additional sheets if necessary):

Policy 5.1: Wetlands Management

The proposed project will not impact wetlands

Policy 5.2: Beach Management

The renourishment work will replace 75,000 cubic yards of sand that has been lost through natural erosion processes and storm occurrences along the Delaware Bay shoreline at Lewes Beach. This area is important to the State for the following reasons: (1) they are public recreation beach areas; and (2) they provide erosion and storm damage protection to public, private and commercial structures and infrastructure landward of the coastline.

Policy 5.3: Coastal Waters Management (includes wells, water supply, and stormwater management. Attach additional sheets if necessary)

The proposed project will allow for continued availability of beach area for public recreational purposes and improve storm damage protection. No discharge of pollutants or solid waste will occur. Turbidity will be of a negligible, localized short-term nature. The project will not threaten the safety or health of the public.

Policy 5.4: Subaqueous Land and Coastal Strip Management

The proposed work does not involve industrial nor manufacturing facilities and will continue to protect the coastal strip for public use for recreation. This work will ensure scenic quality of the area and provide area for recreational use.

Policy 5.5: Public Lands Management

This project will not have an adverse impact on the scenic, historic, scientific, prehistoric, or wildlife values of the site.

Policy 5.6: Natural Lands Management

The proposed project is not located within a natural area/natural preserve.

Policy 5.7: Flood Hazard Areas Management

The proposed project is not anticipated to contribute to increased flood hazards. Rather, this project will provide protection from storm damage and erosion.

Policy 5.8: Port of Wilmington

The project is not located in the Port of Wilmington

Policy 5.9: Woodlands and Agricultural Lands Management

This site is not located in woodlands. The project is located in Lewes, De from Missouri Ave to New York Ave.

Policy 5.10: Historic and Cultural Areas Management

There are no known historic nor cultural areas within the project site. A Section 104 review has been requested to SHPO for verification.

Policy 5.11: Living Resources

There will be temporary and short-term impacts during construction operations. The project will be completed within time of year restrictions for horseshoe crab spawning (project construction will not occur during horseshoe crab spawning time: April 15 - August 30)

Policy 5.12 Mineral Resources Management

No mineral extraction proposed.

Policy 5.13: State Owned Coastal Recreation and Conservation

The site will maintain and ensure coastal recreation and conservation.

Policy 5.14: Public Trust Doctrine

The public's right to navigation will not be impeded by the proposed project.

Policy 5.15: Energy Facilities

The proposed project does not involve energy facilities.

Policy 5.16: Public Investment

NA

Policy 5.17: Recreation and Tourism

This project will offer recreation and tourism benefits by replacing sand lost to erosion and storm events.

Policy 5.18: National Defense and Aerospace Facilities

The proposed activity does not involve national defense nor aerospace facilities.

Policy 5.19: Transportation Facilities

The proposed activity does not involve commercial transportation facilities.

Policy 5.20: Air Quality Management

No air pollution is anticipated as result of the project.

Policy 5.21: Water Supply Management

The site is not located in a water supply area.

Policy 5.22: Waste Disposal Management

No waste disposal is associated with the proposed project.

Policy 5.23: Development

The proposed project is not associated with new community development.

Policy 5.24: Pollution Prevention

There is no pollution associated with this project.

Policy 5.25: Coastal Management Coordination

Coordination among State and Federal agencies will take place in review of the proposed project. The public will have the opportunity to comment on the project.

VI. JPP and RAS Review (Check all that apply):

Has the project been reviewed in a monthly Joint Permit Processing and/or Regulatory Advisory Service meeting?

JPP

RAS

None

*If yes, provide the date of the meeting(s): May 19, 2023

VII. Statement of Certification/Determination and Signature (Check one and sign below):

FEDERAL AGENCY CONSISTENCY DETERMINATION. Based upon the information, data, and analysis included herein, the federal agency, or its contracted agent, listed in (I) above, finds that this proposed activity is consistent to the maximum extent practicable with the enforceable policies of the Delaware Coastal Management Program.

OR

FEDERAL AGENCY NEGATIVE DETERMINATION. Based upon the information, data, and analysis included herein, the federal agency, or its contracted agent, listed in (I) above, finds that this proposed activity will not have any reasonably foreseeable effects on Delaware's coastal uses or resources (Negative Determination) and is therefore consistent with the enforceable policies of the Delaware Coastal Management Program.

OR

NON-FEDERAL APPLICANT'S CONSISTENCY CERTIFICATION. Based upon the information, data, and analysis included herein, the non-federal applicant for a federal license or permit, or state or local government agency applying for federal funding, listed in (I) above, finds that this proposed activity complies with the enforceable policies of the Delaware Coastal Management Program and will be conducted in a manner consistent with such program.

Signature:	<i>Terry L. Deputy</i>	
Printed Name:	Terry Deputy	Date: 06/02/2023

Pursuant to 15 C.F.R. Part 930, the Delaware Coastal Management Program must provide its concurrence with or objection to this consistency determination or consistency certification in accordance with the deadlines listed below. Concurrence will be presumed if the state's response is not received within the allowable timeframe.

Federal Consistency Review Deadlines:

Federal Activity or Development Project (15 C.F.R. Part 930, Subpart C)	60 days with option to extend an additional 15 days or stay review (15 C.F.R. § 930.41)
Federal License or Permit (15 C.F.R. Part 930, Subpart D)	Six months, with a status letter at three months. The six month review period can be stayed by mutual agreement. (15 C.F.R. § 930.63)
Outer Continental Shelf Activity (15 C.F.R. Part 930, Subpart E)	Six months, with a status letter at three months. If three month status letter not issued, then concurrence presumed. The six month review period can be stayed by mutual agreement. (15 C.F.R. § 930.78)
Federal Financial Assistance to State or Local Governments (15 C.F.R. Part 930, Subpart F)	State Clearinghouse schedule

OFFICIAL USE ONLY:

Reviewed By:	Fed Con ID:	Date Received:
Public notice dates: _____ to _____	Comments Received: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <i>[attach comments]</i>	
Decision type: <small>(objections or conditions attach details)</small>	Decision Date: _____	

WATER QUALITY CERTIFICATION

Applicants must complete this appendix in addition to the basic application when submitting a water quality certification request in accordance with the Clean Water Act Section 401 Certification Rule. Please note, this water quality certification request must be simultaneously submitted to the U. S. Army Corps of Engineers at the time of submittal of this application.

Please make sure answers to all of the questions in this appendix and that the information corresponds to information on the application drawings.

1. Include a list of all other federal, interstate, tribe, state, territorial, or local agency authorizations required for the proposed project (in addition to those already provided on the basic application). Attach all approvals or denials already received.

- 1.) U.S.Army Corps of Engineers

- 2.) State of Delaware, Department of Natural Resources and Environmental Control

2. Identify the location and nature of any potential discharge or fill that may result from the proposed project and the location of receiving waters. Attach additional sheets as necessary. Complete additional appendices that relate to this project e.g. H. Fill, S. New Dredging, etc.

This project is located at the following location with the orientation of the projects from north to south. Appendix H has also been completed and is attached
Lewes, DE

3. Is the project located with waters of exceptional recreational or ecological significance (ERES) as designated by the 7 Del. Admin. Code §7401 Surface Water Quality Standards?

Yes

No

- 4. Include a description of any methods and means proposed to monitor the discharge or fill and the equipment or measures planned to treat, control, or manage the discharge or fill. Attach additional sheets as necessary.

The fill will be surveyed after placement to confirm that the elevations and grades are consistent with what is shown on the attached cross-sections. The appropriate equipment (such as excavators, bulldozers, and articulated dump trucks) used to place the fill material will also be used to manage the fill.

- 5. Please provide information demonstrating that the proposed discharge of dredge or fill material will not result in a statistically significant reduction, accounting for natural variations, in biological, chemical, or habitat quality as measured or predicted using appropriate assessment protocols. Attach additional sheets as necessary.

The proposed fill is not expected to result in significant unnatural variations in biological, chemical, or habitat quality. The placed fill will be restoring the beach to a state prior to the erosion resulting from extreme storm events.

By signing below, you hereby agree to the following statements as the applicant or on behalf of the applicant:

The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief; and

The project proponent hereby requests that the certifying authority hereby review and take action on this Clean Water Act 401 certification within the applicable reasonable period of time.

Signature: Kathleen Bergin Date: 05/14/23

Printed Name: Kathleen Bergin Relation to applicant: Agent

parcels_PI	LAST_NAME	FIRST_NAME	ADDRESS	COMMUN	STATE	ROAD	ADDRESS	ADDRESS_	LAND_USE
335-4.15-2	CHAMBER	ROBERT C	33094 AM MILLSBOR	DE		E/KENTUC	PARCEL B		RV
335-4.15-1	VESSELS	DOROTHY	PO BOX 14 LEWES	DE		NE/BAY A	VE/MICHIG	LOT 1 BLK	RV
335-4.15-3	WALSH	KEVIN E	TR 14 ELDERB	HOCKESSI	DE	LEWES BE	/BLK P/O	LC	KENTUCKY
335-4.15-3	GILLIGAN	ROBERT F	2628 SHER	WILMINGT	DE	LEWES BH	BLK LOT 1		10 RS
335-4.15-1	ROLLINS	R RANDALI	PO BOX 64	ATLANTA	GA	LEWES BH	LOT 3 & P	T	SHELLING
335-4.15-2	REARDON	ALFRED P	908 SAVAN	LEWES	DE	OREGON A	INGER BLK	P/O LOT 1	RS
335-4.15-1	BAGDEN	M ALAN	720 RIDGE	MCLEAN	VA	LEWES BE	/LOT 3 BLK	BAY AVE	RS
335-4.15-1	RHODES	ELIZABETH	77 MIDDLE	BRYN MA	PA	LEWES BE	/W BAY AVI	LOT 4 BLK	RS
335-4.15-2	DITTO	JO N TRUS	108 NEW J	LEWES	DE	LEWES BC	/P/O LOT 1	BLK A	RS
335-4.15-2	D'ORAZIO	LAWRENCI	606 WYNY	WILMINGT	DE	LEWES BH	P/O LOTS	{	RS
335-4.15-2	LAMOTTE	RICHARD	87672 COU	CHESTERT	MD	LEWES BC	/LOT 11 BL	P/O 9	RS
335-4.15-1	FEAR AND	LLC	202 LOCUS	LINCOLN	PA	LEWES BE	/LOT 2 BLK	NE/BAY A	RS
335-4.19-3	MACDONA	ANDREW	2715 36TH	WASHING	DC	LEWES BC	/LOT 1 BLK		RS
335-4.19-3	INGRAM	MONIQUE	1010A BAY	LEWES	DE	LEWES BE	/LOT 3 BLK		RS
335-4.15-1	11210 BAY	LLC	309 DARW	NEWARK	DE	LEWES BE	/AVE LOT 1		RS
335-4.19-2	HOBURG	MARGARE	202 LEES	IMOULTON	NH	LEWES BC	/CEDAR ST	AVE LT 3 B	RV
335-4.19-4	FLEMING	ROGER E	81665 YAR	WEST CHE	PA	LEWES BE	/"LOT 4, BLK	WITH IMP.	RS
335-4.19-3	KELLER	ALBERT H	41 N HARL	YORK	PA	LEWES BE	/AVE LOT 4	W/IMP	RS
335-4.19-6	OTT	ROBERT F	116 MILL	F HATFIELD	PA	LEWES BH	AVE LOT 1		RS
335-4.19-6	DYCIO	PATRICIA	803 CEDA	LEWES	DE	LEWES BE	/W/CEDAR	LOT 3 BLK	RS
335-4.19-1	FLEMING	MARY L	TR 8 NEW	YOI	LEWES	DE	LEWES BE	/AVE LOTS	{6 & 10 BLK
335-4.19-1	CARROLL	FAMILY	PA 29 STONE	F THORNTOI	PA	LEWES BH	AVE LOT 1	BLK B	RS
335-4.19-1	MARTIN	RICHARD	1201 CEDA	LEWES	DE	CEDARST	& LOT 1&1/2	1/2 OF 4 B	RS
335-4.19-3	LAMBERTS	BARRY B	& 30444	LEV	LEWES	DE	LEWES BE	/BLK 12 LO	RS
335-4.19-2	SIEGFRIED	JACQUELIN	3205 HALF	GARNET V	PA	LAUREL A	V/P/O LOT 2		RS
335-4.19-8	GLASNER	SOL & NIN	2323 ASHE	CHEVY CH	MD	LEWES BH	W/CEDAR	LOT 2 BLK	RS
335-4.19-9	DELP	MARY M	T 1101 CEDA	LEWES	DE	LEWES BE	/ST & LAUR	LOT 1 BLK	RS
335-4.19-2	FOX	MARGARE	109 WAVE	WILMINGT	DE	LEWES BE	/CLAYTON	/BLK 10	RS
335-4.19-1	ROVNER	PHILIP A	& 116 SCHO	WILMINGT	DE	LEWES BH	.AVE.& W.C	"LOT 1, BLK	RS
335-4.19-1	BRANDT	DOLORES	I 1003 CEDA	LEWES	DE	LEWES BE	/W CEDAR	:BLK 10	RS
335-4.19-6	801 CEDA	LLC	805 GREEN	WILMINGT	DE	LEWES BE	/ST & LESPI	LOT 1 BLK	RS
335-4.19-5	GARWOOD	CAROLYN	I 7 DELAWA	LEWES	DE	LEWES BE	/7 9 10 11	E	RS
335-4.19-2	COOKE	MEAGAN	410 W 25T	NEW YORK	NY	LEWES BE	/CLAYTON	/BLK 9	RS
335-4.19-1	BOWYER	JUDITH DI	/ 16 LEHIGH	WILMINGT	DE	LOT 2 BLK			RS
335-4.15-8	KANE	JEFFREY A	16 LARCH	HOCKESSI	DE	LEWES BC	/LOT 4 P/O	BLK 13	RS
335-4.15-8	JENKINS	WILLIAM J	704 DELAV	DELMAR	DE	LEWES BE	/ & SEAFORI	1/2 OF 2 B	RS
335-4.19-4	HOOPMAN	LILLIAN BU	908 BAY A	LEWES	DE	W BAY AVI	LOT 1 W/II	LEWES BE	RS
335-4.19-3	LESTER	KENNETH I	PO BOX 7	SAINT GEC	DE	LEWES BH	P/O LOTS	{	RS
335-4.19-3	SMITH	THOMAS N	25189 CED	SEAFORD	DE	LEWES BE	/NEW YORK	"7&9, BLK	RS
335-4.19-3	WALSH	JOSEPH T	{PO BOX 39	GREENVILI	DE	LEWES BH	.AVE P/O L	WITH IMP.	RS
335-4.19-3	SCHAEFFE	RUBY K	545 KATES	SMYRNA	DE	LEWES BE	/AVE LOT 1	BLK C	RS
335-4.19-4	STUHLIK	KELLY C	8 DELAWA	LEWES	DE	LEWES BE	/ & BAY AVE	6 & 8 BLK	RS
335-4.19-4	ELLIOTT	LINDA K	& 39 JENKIN	CHESAPEA	MD	DELAWARE	LEWES BE	/LOT 12 BL	RS
335-4.19-4	MOWRY	EUGENE C	4104 ROSE	CHEVY CH	MD	LEWES BE	/P/O LOTS	!SE/CONNE	RS
335-4.19-4	PENNOCK	PAUL C	& 1614 E	HILL CHADDS	PA	LEWES BC	/BAY & DEL	LOT 1 BLK	RS
335-4.15-7	LEWES	CITY OF	PO BOX 22	LEWES	DE	"BLK 15 LC	LEWES BC	"*21,400*	LG

335-4.15-7 GIBBONS	GAYLE G	1502 CEDAR LEWES	DE	LEWES BE/E CEDAR S' BLK 15	RS
335-4.15-7 KUHN		CEDAR ST PO BOX 14 HOCKESSI	DE	LEWES BE/ST. LOT 1 E WITH IMP.	RS
335-4.15-7 TJADEN	ROBERT J J	234 DELAV HARRINGT	DE	LEWES BE/AVE LOT 5	RS
335-4.15-7 KIDD	RAYMOND	1503 CEDAR LEWES	DE	LEWES BE/& FELTON LOT 3 BLK	RS
335-4.15-7 MCNAMAJ	J PAUL & J	5512 OAK BETHESDA	MD	LEWES BE/FELTON A\ BLK 14	RS
335-4.15-4 MEDISCH	LEO J	10 INDIAN LEWES	DE	LEWES BE/INDIANA A LOT 8&10	RS
335-4.15-4 SYMONS	JOHN R &	3525 BRAC CHEVY CH/	MD	LEWES BH AV P/O LT\ WITH IMP	RS
335-4.15-3 BARNHILL	MURIEL M	911 OVERE WILMINGT	DE	LEWES BE/P/O LOT 9	RI
335-4.14-8 BARBER	GEORGE H	2006 WOC WILMINGT	DE	LEWES BE/AVE LOT 7	RS
335-4.14-8 COOPER	JAMES SCC	22 WEST S LUTHERVII	MD	LEWES BE/ST LOT 2 B	RS
335-4.15-6 BROSCHAJ	JOHN L III	1720 TENE HERSHEY	PA	LEWES BE/& CAMDEN LOT 1 BLK	RS
335-4.15-6 EVANS	RANDI F	7710 WOC BETHESDA	MD	LEWES BE/AVE LOT 9	RS
335-4.15-6 PARSONS	RICHARD A	57 SAULSB DOVER	DE	LEWES BE/CAMDEN / BLK 17	RS
335-4.15-5 REARDON	MARGARE	525 ROTH WILMINGT	DE	LEWES BH LOT 4 BLK	RS
335-4.15-3 AYDIN	AYDIN Z	125 SCHO WILMINGT	DE	LEWES BH- "P/O LOTS BLK AA	RS
335-4.15-6 BURRIS	REAL ESTA	PO BOX 21 MILFORD	DE	LEWES BC\ BAY AVE E. LOT 2 BLK	RS
335-4.15-5 MARSHALI	MARIAN H	1530 BAY / LEWES	DE	LEWES BE/W BAY AVI BLK AA	RS
335-4.15-3 SCHELL	JOSEPH M	1604 BAY / LEWES	DE	LEWES BH- PART OF LI BLK AA	RS
335-4.15-3 SCHELL	JOSEPH M	1604 BAY / LEWES	DE	LEWES BH- LOT 12 & F LOT 10 BL\	RS
335-4.15-8 SALIBA	KHALIL G	& 2410 JENN DAVIDSON	MD	LEWES BE/LOT 3 BLK	RS
335-4.19-6 LEWES	COMM OF	PO BOX 51 LEWES	DE	N & S SDS RD 2000' V *517750*	LG
335-4.19-4 FERRY	THOMAS P	303 HEDGI WILMINGT	DE	LEWES BE/P/O LOTS :SE/CONNE	RS
335-4.19-4 ADAMS	NANCY M	4201 CAT WASHING	DC	LEWES BE/BAY AVE LI P/O LOT 1	RS
335-4.15-7 CARTER	FRANK S III	1510 BAY / LEWES	DE	LEWES BE/BAY AVE LI BLK AA	RS
335-4.15-38 OHIO AV		110 ISAAC WILTON	NH	LEWES BH "AVE, P/O BLK AA	RS
335-4.15-1 COLEY CO		191 SCOTT WINNETK\	IL	LEWES BH P/O 2 & 3 THSN	RS
335-4.15-9 BRETT	ELLEN	650 HOLLC DEERFIELD	FL	W BAY AVI BLK THOM LOT 1 & P/	RS
335-4.15-3 KLEMAS	VIDA M	TR 394 BRIAR NEWARK	DE	LEWES BC\ BLK P/O LC KENTUCKY	RS
335-4.15-3 MREE INC		537 CABO HOCKESSI	DE	SW/ BAY A 7 & 9 THO	RS
335-4.15-3 TUCKER	BARBARA	(PO BOX 45 GREENVIL	DE	LEWES BE/LOT 5 & P/BLK. THOM	RS
335-4.15-3 FLEMING	SUZANNE	111 OHIO A LEWES	DE	LEWES BH. "AVES., LO" OF 9, BLK.	RS
335-4.15-1 MCKELVIE	RODERICK	1710 HOB WASHING	DC	BAY AVE LI PART OF LI SCHELLIN	RS
335-4.15-2 CHAMBER	ROBERT C	33094 AM MILLSBOR	DE	S/BAY AVE E/KENTUC PARCEL A	RV
335-4.15-2 CHAMBER	GEORGE E	11 KENTU LEWES	DE	N/WEST CIE/KENTUC PARCEL C	RS
335-4.15-2 BLUMENF	JEAN L	TR 107 THISS WILMINGT	DE	OREGON A LOTS 8 & 1 SCHELLIN	RS
335-4.15-2 WALLS	ANN	LODG 16922 DEV LEWES	DE	OREGON A BEACH LO\ LOT 8	RS
335-4.15-1 CUNNING	P RODNEY	1450 NW BOCA RAT	FL	LEWES BE/LOT 2 BLK BAY AVE	RS
335-4.15-2 GREENSP	U JOANNE T	128 MEDF MEDFORD	NJ	LEWES BH- AVE LOT 7 P/O 5 & 9	RS
335-4.15-1 ZARTMAN	I WILLIAM	713 QUAIN SILVER SP	MD	LEWES BE/1106 WES\ LOT 3 BLK	RS
335-4.15-2 KNAPP	INVESTME	1102 BAY / LEWES	DE	LEWES BC\ LOT 4 BLK BAY AVE	RS
335-4.19-3 QUILLEN	FAMILY PA	112B THE NEW CAST	DE	LEWES BE/W. BAY AV BLK C W/II	RS
335-4.15-1 DOBSON	CAROL M	{3731 OLD HARRISBU	PA	LEWES BE/LOT 1 BLK NE SD BAY	RS
335-4.19-4 BOXERMA	SAMUEL B	5506 BURI BETHESDA	MD	LEWES BE/AVE LOT 9	RS
335-4.15-1 REARDON	DENNIS T	{1302 BAY / LEWES	DE	LEWES BC\ BLK SCHEL LOT 4	RS
335-4.15-1 LYNCH	DONALD V	132 LANCA IRVINGTO	VA	LEWES BH- LOT 4 & P1 THOMPSO	RS
335-4.15-8 MAULL	H EDWARD	16813 PEN LEWES	DE	LEWES BE/BAY AVE LI BLK AA	RS
335-4.19-2 VIRDEN	RUTH N	6 CLAYTON LEWES	DE	LEWES BE/"CLAYTON BLK.9 WIT	RS

335-4.19-6 LOONEY FRANKLIN 5909 VALL WILMINGT DE	LEWES BE/LOT 2 BLK W CEDAR 'RS
335-4.19-2 BOXERMA SAMUEL 5506 BURL BETHESDA MD	LEWES BE/NEWARK A BLK 10 RS
335-4.19-2 KERNEHAN RONNIE J 9 CLAYTON LEWES DE	LEWES BE/CLAYTON /BLK 10 RS
335-4.19-2 LILLQUIST JEFFREY D 8A CLAYTC LEWES DE	LEWES BE/AVE LOT 8 W/IMP RS
335-4.19-1 HEEBNER DAVID K & P.O. BOX 2 MERRIFIEL VA	LEWES BH LOTS 5 & 79 BLK B RS
335-4.19-1 GREENWA CORRINE E 3800 FAIRIARLINGTO VA	LEWES BH P/O 9 & LC BLK B RS
335-4.19-1 GATES SCOTT W {1507 FAIR\ CHADDS F PA	LEWES BE/JERSEY AVI BLK A RS
335-4.19-2 PARKER MICHAEL E 6 NEWARK LEWES DE	LEWES BE/NEWARK A "LOT 6, BLK RS
335-4.19-1 MCDERMIC JOYCE E *F 5 CLAYTON LEWES DE	CLAYTON /LOT 5 BLK RS
335-4.19-7 DIFFLEY ANDREW {2523 KITTI WILMINGT DE	LEWES BE/W/CEDAR BLK.11 RS
335-4.19-2 KEE DELAV PROPRTIE 18890 JOH LINCOLN DE	LEWES BE/& CLAYTOI BLK 9 LT 1 RS
335-4.19-5 LARKIN BRIAN M 8526 E EVEF GLENSIDE PA	WEST CED. DELAWARI 9 & 10 RS
335-4.19-5 PILTCH STEVEN S {841 MONT BRYN MAV PA	LEWES BE/NEWARK A LOT 7 BLK RS
335-4.19-6 FIVE NEW/ 43992 IND LEESBURG VA	LEWES BE/NEWARK A BLK 11 RS
335-4.19-2 WALSH OLGA G TR 522 MIDLA BERWYN PA	W CEDAR /LOT 2 BLK RS
335-4.19-1 CUTRONA DONNA M 8 CABOT P NEWARK DE	LEWES BE/AVE LOT 4 RS
335-4.15-8 THORNTOID MCCART 6467 WISF CABIN JOH MD	LEWES BE/W CEDAR / 1 & 2 BLK :RS
335-4.19-4 HOUCK LOUIS S & 3500 DELA MATTHEW NC	LEWES BE/LOT 3 BLK AVE RS
335-4.19-4 YOUNG FRANK M 906 BAY A' LEWES DE	LEWES BE/LOT 2 & P/ RS
335-4.19-3 LENZ JOHN J & A 121 LYNTH WILMINGT DE	LEWES BE/AVE P/O L BLK C RS
335-4.19-3 LAWLOR MATTHEW 310 LAWTF FALLS CHU VA	LEWES BH LOT 12 BLI RS
335-4.19-4 WILSON JAMES L & 10 DELAW LEWES DE	"LEWES BE DELAWARI 10 BLK D VRS
335-4.19-4 HOLLIER WILLIAM F 12707 WE' FAIRFAX VA	LEWES BE/CONNECTI LOT 11 BLI RS
335-4.19-5 FOGG DAVID H & 10804 GLE FAIRFAX VA	LEWES BE/AS 30' OF I OF LOT 7 ERS
335-4.14-12006 BAY AVENUE LI 1847 PLYN WASHING DC	LEWES BE/FRONT LO' RS
335-4.14-7 BECQUE W SCOTT 15 MATHIE WESTBOR MA	LEWES BE/W/CEDAR LOT 1 BLK RS
335-4.14-2 DRAKE WILLIAM {8217 SUNS MANASSA VA	LEWES BE/P/O LOTS {BLK GG RS
335-4.14-3 CARPENTE RICHARD C 3190 ALDA PLYMOUTH PA	CALIFORNIP/O 6 & 8 RS
335-4.14-2 PELL CHARLES V 120 HARV/SWARTHIV PA	LEWES BE/& CALIF ST P/O LOT 1 RS
335-4.14-1 NUNNELEY JAMES K TI 2004 BAY / LEWES DE	LEWES BC/LOT 4 BLK RS
335-4.14-6 2400 BAY I PO BOX 48 LEWES DE	LEWES BE/LOT 1&2 B RS
335-4.14-6 GUENVEUI PAUL D & I 4913 OLD WILMINGT DE	LEWES BE/CEDAR STS A-2 W/IMF RS
335-4.14-6 FERNEYHO HENRY H T 2303 W CE LEWES DE	W CEDAR ' "LOT 3, BLK WITH IMP. RS
335-4.14-6 GALLOWA EDNA W & 2300 CEDA LEWES DE	LEWES BE/WEST CED. *POSS REV RS
335-4.14-1 FABRI WILLIAM F 6906 RAVE COLUMBIA MD	MASON'S I LOT 4 BLK RS
335-4.14-7 ZAPPO "JOSEPH, J 940 BIDL CHESAPEA MD	LEWES BE/"W. CEDAR BLK. A-4 W RS
335-4.14-7 WILCOMB LUCILE A 15141 REC BURTONS MD	LEWES BH LOT 3 BLK RS
335-4.14-7 HEBNER CHARLES L 913 DARLE WILMINGT DE	LEWES BE/ST & MISSI LOT 2 BLK RS
335-4.14-7 EVANS MARTHA L 313 HALL F MILFORD DE	W CEDAR ' LOT 3 BLK RS
335-4.14-4 RUMFORD DAVID A 400 W STA MEDIA PA	BAY VIEW BLK JJ RS
335-4.14-3 ORR T CAROL T 2502 BAY / LEWES DE	LEWES BE/BLK JJ W/II RS
335-4.14-9 RALEY ROBERT A 2112 BAY / LEWES DE	"LEWES BE "BAY VIEW BLK HH RS
335-4.14-8 E & J WYA FAMILY LI 503 NEW C REHOBOT DE	LOT 1 BLK RS
335-4.14-1 QUANDEL NOBLE C JI 230 S 15TH POTTSVILL PA	LEWES BE/BAY VIEW LOT 3 BLK RS
335-4.14-1 PAMINTU/JOSE & EL 7015 ATLA SEAFORD DE	LEWES BE/LOT 1 BLOCK GG RS
335-4.14-7 PIERCY L RALPH & 7110 DOE LAS VEGAS NV	LEWES BH- LOT 1 BLK RS
335-4.14-7 SMITH GAYLE B & 15287 S. D HARRINGT DE	LEWES BE/"W. CEDAR BLK. A-3 W RS

335-4.14-1 BEAVERSO CHARLES A 274 HILLD VILLANOV PA	MASONS L LOT 5 BLK	RS
335-4.14-1 YOUNG ROBERT B 10 KINGS F DOVER DE	MASONS L "LOT 6, BL	RS
335-4.14-€ MONTEITH THOMAS J 1828 LENA WEST CHE PA	LEWES BE/ST LOT 2 B WITH IMP	RS
335-4.14-€ QUAGLIAR ANTHONY 300 LARCH SPRINGFIE PA	LEWES BE/W CEDAR ! BLK A-1 W	RS
335-4.14-€ STEINER EDWARD J 24 S HORS MILFORD DE	LEWES BE/ST LOT 1 BLK A-1	RS
335-4.14-1 LOBIS CYNTHIA M 303 E BRAIKENNETT S PA	MASON'S I "LOT 5, BL	RS
335-4.14-1 THOMPSON DONALD A 5 SALISBUI MALVERN PA	MASON'S I "LOT 4, BL W/IMP	RS
335-4.14-1 HALVORSC COLIN O & 1102 GATE ALEXANDR VA	MASON'S I LOT 6 BLK	RS
335-4.14-5 RELCO PROPERTY 1210 BAY / LEWES DE	STREETS N MX	
335-4.14-5 MIDDLEST GRANT K & 1274 EAGL WEST CHE PA	S SD W CEI LOT 4 W/II	RS
335-4.14-5 RIVER TALI 2501 CEDA LEWES DE	RELCO INC ST & W CE LOT 3	RS
335-4.14-5 THOMPSON PETER D 1021 ROBI WEST CHE PA	LEWES BE/W/CEDAR	RS
335-4.14-5 BYRNE THOMAS C 2503 CEDA LEWES DE	WEST CED. LOT 1	RS
335-4.14-5 GOETZ THOMAS C 103 CREST LANDENBE PA	WEST CED. LOT 5	RS
335-4.14-3 AUSTIN DANIEL M 13 SPRING RADNOR PA	MISSOURI P/O LOTS :	RS
335-4.14-3 DEINER JOHN T & I 2009 BAY / LEWES DE	LEWES BH. "P/O LOT 5 "ADDED IN	RS
335-4.14-3 K MATKEM OF DE LLC 5982 ARM OREFIELD PA	W MISS AV LOT 11 BLF & P/O 9 LERS	RS
335-4.14-3 CROSBY SUMNER M PO BOX 49 UNIONVILI PA	LEWES BC/P/O LOT 8 P/O LOT 1	RS
335-4.14-3 WOOD JOSEPHINE 162 ROCK MILFORD DE	LEWES BE/MISSOURI LOTS 6&8	RS
335-4.14-3 GILBERT ROBERT P 112 BRIAR NEWARK DE	LEWES BE/AVE. LOT 1 BLK HH	RS
335-4.14-3 BAKER RONALD F 161 SENECS TERLING VA	LEWES BE/P/O LOT 7 BLK H W/II	RS
335-4.14-3 EDGELL LYNN P TR 10 FOREST DOVER DE	LEWES BE/P/O LOTS :	RS
335-4.14-3 FUTCHER JUNE ROSE 11 IOWA A LEWES DE	LEWES BH AVE P/O L (BLK HH	RS
335-4.14-4 HYNES EDWARD J 8 IOWA AV LEWES DE	LEWES BCH IOWA AV F BLK 11	RS
335-4.14-4 DIDDEN ALBERT J JI 5006 ORLE KENSINGT MD	LEWES BH P/O LOTS ! BLK 11	RS
335-4.14-4 KAEGI FRANK J & 1555 FLOV SARASOTA FL	LEWES BE/LOT 12 P/(BLK 11 IO	RS
335-4.14-4 BAKER H FRANKLI 1 WELDIN WILMINGT DE	LEWES BH-AVE PART & 9 BLK 11	RS
335-4.14-5 RUMFORD NANCY IVE 400 W STA MEDIA PA	LEWES BE/LOT 4 BLK	RS
335-4.14-1 BEERS DAVID B 1805 QUIN WASHING DC	N SD BAY / LOT 4 BLK	RS
335-4.14-7 WALSH COLEMAN 113 WATE BERWYN PA	LEWES BE/LOT 4 BLK BAY AVE	RS
335-4.14-1 LEWES YACHT CLL PO BOX 2 LEWES DE	2.71 ACRE! COR. W. CI MAIN AVE CO	
335-4.14-€ LONGENE (MARLIN R 10 BREAKW LEWES DE	S/W CEDA LOT 10 RELCO INC	RS
335-4.14-€ 8 BREAKW STREET LLC 6001 NOR INDIAN RI FL	RELCO INC LOT 8 ALO REH CANA	RS
335-4.14-€ KING CARL P RE 9 BREAKW LEWES DE	RELCO INC ALONG LEI CANAL LO	RS
335-4.14-1 DEGLI OBI; RALPH G & 485 UPPEF NEWARK DE	MASONS L LOT C-1	RS
335-4.14-8 DEGLI OBI; INVESTME 485 UPPEF NEWARK DE	MASON'S I LOT 5	RI
335-4.14-8 LEWES INVESTME 122 STUAF DOVER DE	MASON'S I LOT 4	RI
335-4.14-8 SNYDER GEORGE F 8 C H MAS LEWES DE	MASON'S I LOT 3	RS
335-4.14-8 KING BRUCE W I 10 C H MA LEWES DE	MASON'S I LOT 2	RS
335-4.14-8 LINGO T WILLIAM 11 DODDS REHOBOTI DE	MASONS L LOT 1	RI
335-4.14-7 MARTIN BEACH HO 2350 BAY / LEWES DE	LEWES BE/LOT 3 BLK BAY AVENI	RS
335-4.14-4 HOADLEY SUSAN R & 205 ANDO NASHVILLE TN	LEWES BE/"PART OF I 11 WITH II	RS
335-4.14-4 FILIPPONE MICHAEL 13212 CENT WILMINGT DE	NEBRASKA STS LOT 11 BLK 2	RS
335-4.14-4 BAKER DAVID C 4 HEATHEF MEDIA PA	NEBRASKA P/O LOT 6 8 BLK JJ	RS
335-4.14-4 LAWLOR WILLIAM C 427 ITHAN ST DAVIDS PA	LEWES BC/P/O LOT: BLK JJ	RS
335-4.14-4 NORTON PATRICIA C 12 NEBRA S LEWES DE	W CEDAR ! AVE LOT 1: BLK JJ	RS
335-4.14-4 FALKENAU LAWRENCI 3 WILKINS LANDENBE PA	LEWES BE/LOT 7 P/O	RS

335-4.14-5 RUDDY	BARBARA , 107 W FRA NEW CAST DE	LEWES BE/ LOTS 9 11	RS
335-4.14-6 BURRIS	HOWARD , 417 KINGS MILFORD DE	BREAKWA LOT 7	RS
335-4.14-5 GUEST	JEFFERY D 103 CHALF KENNETT S PA	LEWES BE/ WEST CED. LOT 6	RS
335-4.14-2 BANKS	C SCOTT 5844 MAR BETHESDA MD	BAY VIEW LOT 1 BLK LEWES BE/ RS	
335-4.14-7 KLESS	PHILIP DUJ 2009 CED/ LEWES DE	LEWES BE/ AVE LOT 2	RS
335-4.14-7 CECIL	RICHARD C 12 N WASI LEWES DE	LEWES BE/ AVE LOT 3	RS
335-4.15-6 MARTIN	DAVID W 62 DUNCA LANCASTE PA	LEWES BE/ AVE LOT 6	RS
335-4.15-6 LYTLE	LAWRENCI 623 WOOL WEST CHE PA	LEWES BE/ CAMDEN / BLK 16	RS
335-4.15-6 LINCOLN	LAWRENCI 5360 N VIA TUCSON AZ	LEWES BE/ ST LOT 3 BLK 16	RS
335-4.15-7 WILKINSO	LEE ANN T 16698 KIN LEWES DE	LEWES BH LOT 7 BLK	RS
335-4.15-7 BITNER	NATHAN A 3127 WAL HARRISBU PA	LEWES BE/ FELTON A\ BLK 14	RS
335-4.15-4 COTTRELL	FREDERICK 604 WYNY WILMINGT DE	P/O LOT 8 10 BLK CC	RS
335-4.15-4 LILLEY	JAMES R & 2801 NEW WASHING DC	LEWES BE/ BLK CC PT	RS
335-4.15-4 BUSHONG	H DOUGLA 27 IRON H LITITZ PA	LEWES BE/ AVE P/O 1\ BLK CC	RS
335-4.15-5 TATMAN	D RUSSELL 7 MICHIGA LEWES DE	LEWES BE/ P/O LOTS ! BLK CC	RS
335-4.15-4 MEDD	ROBERT LI 11 MICHIG LEWES DE	LEWES MI(LT 11 & P/	RS
335-4.15-2 MARVIN	DAVID F TF 8 CARRIAG GREENVILI DE	LEWES BE/ BLK CC LO' BAY AVE	RS
335-4.15-1 VESSELS	DOROTHY PO BOX 14 LEWES DE	NE/ BAY A\ LOT 2 BLK	RS
335-4.15-3 ROLLINS	MICHELE M PO BOX 36 GREENVILI DE	LEWES BH LOTS 1 2 3 BLK BB	RS
335-4.15-4 WYMAN	LEHR S TRI 12 INDIAN LEWES DE	LEWES BC\ LOT 12 BL\ & P/O LOT	RS
335-4.15-4 LOUX	HARVEY M 9 ILLINOIS LEWES DE	LEWES BE/ ILLINOIS A' 7&9 BLK B	RS
335-4.15-4 FOREMS LI	5718 KEN\ WILMINGT DE	LEWES BE/ P/O LOT 7	RS
335-4.15-4 SAMANS	CHERYL E 127 AMESB KENSINGT\ NH	LEWES BE/ AVE LOT 1 P/O 9	RS
335-4.15-3 BARNHILL	MURIEL M 911 OVER\ WILMINGT DE	LOT 11 & 1 LOT 9 BLK	RS
335-4.15-3 HERSHEY	STEPHEN L 3 WINDIN\ GREENVILI DE	INT PF IND "AVES PRT BLK AA	RS
335-4.14-1 CAREY	CHARLES C PO BOX 13 LEWES DE	BAY VIEW LOT 3 BLK	RS
335-4.14-1 NINETEEN	AVENUE P. 6 E YORKT\ MILFORD DE	LEWES BE/ ON BAY VI BLK FF	RS
335-4.14-1 ALLEN	DOUGLAS 1124 MEW WEST CHE PA	LEWES BE/ BAY VIEW BLK FF W/ IRS	
335-4.15-5 CLAYTON	RUSSELL T 310 ROWA YARDLEY PA	LOT 5 BLK LEWES BE/ *FOR LIFE* RS	
335-4.14-8 SMILEY	SUZANNE I 1534 MEN HOCKESSI\ DE	LEWES BE/ W CEDAR ! BLK 18	RS
335-4.14-8 STEIN	NANCY S 968 SHAD\ ANNAPOLI MD	LEWES BE/ & GEORGE "LOT 1, BLK	RS
335-4.14-8 STITIK	KIM ALISO 1902 CED/ LEWES DE	LEWES BC\ W CEDAR ! LOT 2 BLK	RS
335-4.14-8 MANOLAK	MICHAEL 2003 CED/ LEWES DE	LEWES BE/ ST LOT 2 B	RS
335-4.14-7 GUARNIER	DAVID P & 1802 SAIN\ VIENNA VA	LEWES BE/ W CEDAR ! BLK 20	RS
335-4.14-2 STEPHENS	LINDA R K 401 N BRA SEAFORD DE	LEWES BH- AVE P/O LI BLK FF	RS
335-4.14-2 CHASANO	DEBORAH 3416 HIGH WHEATON MD	LEWES BE/ WASH ST BLK FF	RS
335-4.14-2 CECIL	RICHARD C 12 N WASI LEWES DE	CEDAR AVIP/O 10 BL\	RS
335-4.14-2 LOOBY	LARISA V 1057 LEIG\ GREAT FAI VA	LEWES BE/ CALIFORNI LTS 5 & 7 E	RS
335-4.14-2 PNC BANK	TRUSTEE 4 EXECUTI\ ATLANTA GA	LEWES BH- AVE P/O LI BLK FF	RS
335-4.14-2 CARTER	RONEL W 11 CALIFO\ LEWES DE	LEWES BE/ LOT 11 & FFF W/IMP	RS
335-4.14-1 HOGAN	MICHAEL J 120 CHALF KENNETT S PA	LEWES BE/ VIEW LOT	RS
335-4.14-2 CHILDREN	' BEACH HO 11 SHORE\ NEWPORT CA	LEWES BE/ "7,9,11 P/ (" *27,300* NP	
335-4.14-2 CHILDREN	' BEACH HO 11 SHORE\ NEWPORT CA	LEWES BE/ "LOTS 8,10 *118450* NP	
335-4.14-1 CHILDREN	' BEACH HO 11 SHORE\ NEWPORT CA	LEWES BE/ "LOT 7,9,1 " *27,300* NP	
335-4.14-8 REARDON	LAWRENCI 525 ROTH\ WILMINGT DE	LEWES BE/ AVE LOT 9	RS
335-4.15-7 MCLAUGH	LOURDES I 25 DRUM\ WILMINGT DE	LEWES BE/ FELTON ST BLK 14	RS
335-4.15-8 HEIM	DAVID D & 2568 FAIR AUBURN PA	LEWES BH FELTON & LOT 1 BLK	RS

335-4.15-5 LEWES BE/COTTAGE I 60 QUAIL F YORK	PA	LEWES BH LOT 6 BLK ODESSA A` RS
335-4.15-5 TATMAN D RUSSELL 7 MICHIGA LEWES	DE	LEWES BE/P/O LOTS ! BLK CC RI
335-4.15-6 LEWES CITY OF PO BOX 22 LEWES	DE	LEWES BC "LOTS 5,7," *21,400* LG
335-4.15-6 ANDREWS KATHRYN I PO BOX 98 YORKLYN	DE	LEWES BC ST LOT 2 B W/IMP RS
335-4.15-6 EHRHARD JOHN W & PO BOX 59 LEWES	DE	LEWES BE/CAMDEN / LOT 4 BLK RS
335-4.14-8 SAVAGE MICHAEL J 5706 GRA KATY	TX	W.CEDAR / "BH., LOT 3 WITH IMP. RS
335-4.14-8 ROSS ELIZABETH 726 BENT I NEWARK	DE	LEWES BE/ & WYOMII 3 BLK 20 RS
335-4.15-4 SCHELL JOSEPH M 1604 BAY / LEWES	DE	LEWES BE/ AVE LOT 4 RS
335-4.15-2 MARVIN DAVID F & 8 CARRIAG GREENVIL	DE	LEWES BE/ BLK CC LO BAY AVE RS
335-4.15-7 MCCURDY HARRY W 6006 DELL BETHESDA	MD	LEWES BE/ "FELTON S BLK.15 WI RS
335-4.15-5 STENBERG SUZANNE I 3 HAWTHC ROSEMON	PA	WEST CED. BLK 18 RS
335-4.15-6 MATTHEW FAMILY TR 812 HAPPY WEST CHE	PA	LEWES BE/ CAMDEN / BLK 17 RS
335-4.15-5 HART JULIET PAT 7011 HILLC CHEVY CH/	MD	LEWES BE/ ODESSA A` BLK 17 RS
335-4.15-5 NAUGHTEI WILLIAM E 14839 HUI PHOENIX	MD	LEWES BC LOT 2 BLK RS
335-4.15-5 NORTON ROBERT M 11 FOX BR THORNTOI	PA	LEWES BE/ W/ CEDAR LOT 1 BLK RS
335-4.15-8 LEWES CITY OF PO BOX 22 LEWES	DE	BLK 14 LO " *14,300* LG
335-4.15-5 SNAVELY GEOFF E 712 PEARS ANNAPOLI	MD	LEWES BE/ & CAMDEN BLK 17 RS
335-4.15-5 CHILDREN: BEACH HO LEWES	DE	LEWES BE/ "LOTS 8,1C " *31,000* NP
335-4.15-8 TYRRELL ROBERT J 16010 EXEC ROCKVILLE	MD	LEWES BE/ LOT 2 BLK RS
335-4.15-8 WZOREK CAROLYN / 4 MILFORD LEWES	DE	LEWES BE/ LOT 5 BLK RS
335-4.20-1 LEWES CITY OF PO BOX 22 LEWES	DE	238.82 AC. S SD OF DE " *2,987,5C LG



STATE OF DELAWARE
**DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**

DIVISION OF WATERSHED STEWARDSHIP

ENTERPRISE BUSINESS PARK
285 BEISER BOULEVARD, SUITE 102
DOVER, DELAWARE 19904

**SHORELINE AND WATERWAY
MANAGEMENT SECTION**

PHONE: (302) 739-9921
FAX: (302) 739-6724

May 14, 2023

Department of the Army
Philadelphia District Corps of Engineers
Regulatory Branch
100 Penn Square East, Wanamaker Building
Philadelphia, PA 19108
ATTN: Todd Schaible
Chief, Regulatory Branch

Re: [Delaware Department of Natural Resources and Environmental Control
Delaware Bay Beach Renourishment Project](#)

Dear Mr. Schiabble:

DNREC's Division of Watershed Stewardship is requesting a permit to perform the placement of sand fill at Lewes Beach along the Delaware Bay. The project is for renourishment of a severely eroded beach via dredging to provide erosion and storm damage protection to public streets, utilities, and private and commercial structures landward of the coastline. The project will also serve to restore a section of shoreline used for public recreation.

Enclosed you will find original copies of the following documents in support of our request:

- The "Application Checklist"
- The "Application for Department of Army Permit" with 8 1/2" x 11" drawings
- The Environmental Questionnaire
- The Essential Fish Habitat (EFH) Worksheet
- USFWS Information for Planning & Consultation (IPaC) Species List
- Photographic Prints
- List of adjacent property owners
- A letter to "DCMP Consistency Certification"

DNREC would like to perform this work as early as fall/winter of 2023-2024, and we would appreciate your processing of this permit application at your earliest convenience. Current permits do not expire until December 31, 2023. Additionally, DNREC requests that the issued permit expiration date is consistent with the federal permit expiration date. If you should have any questions on the above and/or enclosed, please feel free to direct all correspondence to Kathleen Bergin at Kathleen.Bergin@delaware.gov or 302-739-9453.

Sincerely,

Kathleen Bergin

Kathleen Bergin
Environmental Scientist III
Shoreline and Waterway Management Section

EFH Mapper Report

EFH Data Notice

Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional fishery management councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)

[Atlantic Highly Migratory Species Management Division](#)

Query Results

Degrees, Minutes, Seconds: Latitude = 38° 47' 13" N, Longitude = 76° 50' 57" W











Decimal Degrees: Latitude = 38.787, Longitude = -75.151

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

*** WARNING ***

Please note under "Life Stage(s) Found at Location" the category "ALL" indicates that all life stages of that species share the same map and are designated at the queried location.

EFH



Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
		Little Skate	Juvenile Adult	New England	Amendment 2 to the Northeast Skate Complex FMP
		Atlantic Herring	Juvenile Adult	New England	Amendment 3 to the Atlantic Herring FMP
		Red Hake	Adult Eggs/Larvae/Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
		Silver Hake	Eggs/Larvae Adult	New England	Amendment 14 to the Northeast Multispecies FMP
		Yellowtail Flounder	Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP



Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
		Monkfish	Eggs/Larvae	New England	Amendment 4 to the Monkfish FMP
		Windowpane Flounder	Adult Eggs Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
		Winter Skate	Adult Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
		Clearnose Skate	Adult Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
		Sandbar Shark	Juvenile Neonate	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
		Sand Tiger Shark	Neonate/Juvenile Adult	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
		Longfin Inshore Squid	Juvenile Adult Eggs	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
		Bluefish	Adult Juvenile	Mid-Atlantic	Bluefish
		Atlantic Butterfish	Eggs Larvae Adult Juvenile	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
		Spiny Dogfish	Sub-Adult Male Sub-Adult Female Adult Male Adult Female	Mid-Atlantic	Amendment 3 to the Spiny Dogfish FMP
		Scup	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
		Summer Flounder	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
		Black Sea Bass	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass

Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

Link	Data Caveats	HAPC Name	Management Council
		Sandbar Shark	Secretarial

Link	Data Caveats	HAPC Name	Management Council
		Sand Tiger Shark (Delaware Bay)	Secretarial

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.

****For links to all EFH text descriptions see the complete data inventory: [open data inventory -->](#)**

All spatial data is currently available for the Mid-Atlantic and New England councils,

Secretarial EFH,

Bigeye Sand Tiger Shark,

Bigeye Sixgill Shark,

Caribbean Sharpnose Shark,

Galapagos Shark,

Narrowtooth Shark,

Sevengill Shark,

Sixgill Shark,

Smooth Hammerhead Shark,

Smalltail Shark

ENVIRONMENTAL QUESTIONNAIRE
FOR CORPS OF ENGINEERS PERMIT APPLICATIONS
Philadelphia District, Corps of Engineers
Philadelphia, Pennsylvania 19107
CENAP-OP-R

INTRODUCTION AND INSTRUCTIONS

The District Engineer is required by law to assess the initial, cumulative, and long-term effects of any proposed permit on all aspects of the environment.

To speed the analysis of the probable impact of the proposed work, each applicant is required to submit appropriate environmental data as part of a permit application. We ask that you provide a thorough description of your proposed project and answer each question as it applies to the work and the results of that work. Complete and accurate answers will prevent unnecessary delays in processing your permit application

Parts I and II will be filled out by all applicants. Part I is self-explanatory. In Part II, the Environmental Impact Checklist, you should indicate the impacts of your project on all aspects of the environment that are listed. Use the space under "Qualifying Remarks" to indicate the specific impacts that your project will have. This may include types of plants or animals affected, specific adverse, beneficial, or mitigative effects, changes to existing conditions, etc. Although space for answers has been provided, you may wish to supply additional information on attached pages. If you do not anticipate an impact on a certain item, simply place a check in the "No" column.

Part III will be filled out by all applicants applying for a permit to perform dredging.

Part IV will be filled out by all applicants applying for a permit to perform filling operations. This includes activities such as filling behind bulkheads.

Refer any questions you may have concerning this supplemental form to the Regulatory Branch at (215) 656-6728.

PART I

I. **PROJECT DESCRIPTION:**

- A. **General Site Location:** Accurately locate the project site with respect to State, county, or other subdivision, and in relation to streams and rivers.

The project site is located on Lewes Beach along Delaware Bay Coast

- B. **Specific Site Locations:** Completely locate the project site with respect to cove, creek, property owner, plot number, etc.

Fill from Missouri Ave to New York Ave along Bay Ave along Lewes Beach

- C. **Description of Proposed Action:** Carefully describe the action proposed, including the method of construction, equipment, and materials to be used. Details in your description are important. Attach additional sheets if necessary.

A hydraulic dredge will pump sand onto beach from a USACE borrow area. This project is an extension of a pre-planned USACE project for Lewes Beach currently under the application process.

Construction equipment will be used to move and shape the beach template.

Refer to the attached project plan drawings and photographic print for a more accurate description and location of the proposed project.

- D. **Purpose of Proposed Action:** Define the purpose of the proposed structure or work. For example, the purpose of bulkheading may be to stabilize an eroding bank; whereas, the purpose for a pier may be for the mooring of a private boat, for access to a public or private facility, for a marina, or for another purpose.

The fill is designed to provide erosion and storm damage protection to public streets, utilities, and private and commercial structures landward of the coastline, and restore a section of shoreline used for public recreation.

- E. Submit color photographs of the site, with explanations of the views shown (prints only). Photographs help us to better understand your project. The more

photographs you provide, the easier it is to understand and process your application.

A photographic print is enclosed showing the locations proposed for fill.

PART II – ENVIRONMENTAL IMPACT CHECKLIST

ENVIRONMENTAL IMPACT	YES	NO	QUALIFYING REMARKS
A. Physical			
1. Topography	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project will widen and elevate the beach profile
2. Geological Elements and Leaching	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Air	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Handling of Hazardous Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Spoil Disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dredged sand for beach fill
7. Sewage and Solid Wastes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Water Resources			
a. Water Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Localized and temporary turbidity
b. Hydrography, Circulation, Littoral Drift.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Ground Water	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B. Biological			
1. Vegetation			
a. Terrestrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minor Impacts along shoreline during construction operations.
b. Aquatic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Fish and Wildlife			
a. Mammals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary and short-term impacts during construction.
b. Birds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Amphibians	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Reptiles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Fish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Shellfish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Invertebrates	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Rare or Endangered Species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Project will restore and improve habitat for horseshoe crabs.

ENVIRONMENTAL IMPACT	YES	NO	QUALIFYING REMARKS
C. Cultural			
1. Land Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Population Density and Trends	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Regional Development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Historic Places	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Archaeological Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Aesthetics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Transportation Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Recreation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project will help restore a section of beach used for public recreation.
10. Public Health	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D. Other Factors			
1. Secondary Effects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Controversiality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Is significant dredging involved?	<input checked="" type="checkbox"/> <input type="checkbox"/>		75,000 Cubic yards from a USACE borrow area
4. Is significant filling involved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approximately 75000 cubic yards of material(sand) will be placed on the Delaware Bay Shoreline at Lewes Beach

Part III

Considerations of a Dredging Proposal:

- A. Describe characteristics and locations of the proposed dredged material disposal site. Provide photographs.
Sandy, eroding beach along the Delaware Bay coast. Site location is on Lewes Beach from Roosevelt Inlet southeast to Missouri Ave.
- B. Is there a comprehensive plan for disposal sites that takes into account the accumulative effect over time and the decreasing amount of suitable sites for disposal?

Nourishment replaces material lost due to erosion

- C. Describe the present land use of the disposal site.
Zone AR-1, recreational area

- D. Describe characteristics of the material to be disposed, including:
1. Physical source of material (i.e. sand, silt, clay, etc.) Give percentages of the various fractions if available.
 - Sand, see referenced Geotech data

2. Chemical composition of material: Many areas, especially marinas, highly industrialized areas, etc., have sediments with high concentrations of pollutants (chemicals, organic material, etc.). These materials may be re-suspended or reintroduced into the water and result in serious environmental damage. If your proposed dredging is in an area such as described above, a chemical analysis of the material to be dredged should be provided.

Greater than 90% Sand Material

3. Dewatering properties of the material to be disposed.
N/A
4. Compactability of material and settling rates of material to be disposed.
N/A
5. Dredging and disposal schedule to insure that operations do not degrade water quality during times of anadromous fish migration.
N/A

- E. When the project involves land disposal, discuss the following:
1. Method of disposal to be utilized, i.e., pipeline discharge, barge, hopper (underway or stationary).
Pipeline, Hydraulic cutter head dredge
 2. Describe method of dredged material containment (i.e. embankment, behind bulkhead, etc.)
N/A

3. What type of leachates will be produced from the spoil material and what is planned for protection of the groundwater?
N/A
4. Methods to insure that spoil water does not adversely affect water quality, both during construction and after completion of the project.
N/A
5. Provisions for monitoring during discharge: water quality, sediment transport, and precautions to prevent “short-circuiting” dumping.
N/A

F. Consider and discuss the following for water disposal:

1. Describe methods to be used for water disposal, including volumes and site selection.

N/A
2. Describe the existing water characteristics at the site, including chemical analysis for water quality.

N/A

G. Discuss the frequency and amount of maintenance dredging which will be required; discuss the resulting impacts.

The frequency of need for maintenance dredging is unclear at this time.

H. Alternatives.

1. Discuss all alternatives to the project, including the “no action” alternative.
No Action or Truck fill renourishment as needed
2. Discuss alternative types and methods of dredging and disposal, such as pipeline discharge, barging, or hopper method.
N/A
3. Discuss alternatives to dredging.
N/A
4. Discuss alternative areas of sites for spoil disposal.
N/A
5. Discuss impact of port docking patterns upon the demand for dredging. Can alternative patterns reduce the amount of dredging required to support port operations?
N/A
6. Support alternative means of construction that would prevent or minimize water quality degradation using EPA standards for guidance.
N/A
7. State in detail impacts resulting in alternative locations for the proposed project.

Part IV

CONSIDERATIONS OF A FILLING PROPOSAL:

A. Describe in detail the existing characteristics of the area proposed for filling (i.e. aquatic area, marsh, mudflat, swamp, etc.). In your description, be sure to include the types of vegetation present and the types of animals that use the area. Provide photographs.

Recreational Beach area, sand dune

B. Give the following information in regard to the project size:

1. Total Area to be filled is 13.3 acres
2. Size of underwater area to be filled is about 10' bayward of High Tide Line
3. Area of intertidal zone to be filled about 6 acres.
4. Area of wetlands to be filled- none
5. Proposed height of fill- berm elevation is 8'NAVD 88
6. Volume of material that will be used in filling ~75,000 cubic yard of sand

C. Describe in detail the material to be used as fill including as follows:

D. Type of fill to be used (sand, stone, rubble, etc.). If the material is a composite (i.e., rubble), list the types of materials it will contain.

Sand

1. Give the specific location of the source of this material.
Borrow area 600'-1600' offshore
2. What types of leachates will be produced from the fill material and what is planned for protection of surface and groundwater?

None expected

E. Carefully describe the method of fill, including the following:

1. Method of fill placement, including equipment used in deposition and grading.

Material will be pumped using Hydraulic dredge pipeline, transported to the fill areas and deposited, then shaped to the design template using a bulldozer and other construction equipment.

2. Method of stabilization of banks from erosion, sloughing, wave action, boat wakes, etc.

Not applicable to this project

3. Method of stabilization of the surface of the fill.

American beach grass will eventually be planted on the restored dune area.

4. Length of time needed for completion of the project. State if filling will be continuous, intermittent, etc.

Based on the method of construction, the project will be continuous and take about 1-2 months to complete.

5. Method of controlling turbidity when filling an underwater area.
Not applicable to this project

F. Purpose of the Project:

1. What is the intended use of the filled area?

Public coastal dune and recreational beach areas.

2. What structures, if any, will be constructed on the fill?

None

3. What benefits would you gain from the proposed fill?

Benefits will be derived from the stabilization of a coastal dune and renourishment of a public recreational beach area, which also provides storm damage protection to infrastructure landward of the coastline.

G. Alternatives

1. Discuss the “no action” alternative and how this would affect your present and future plans for the development of the area.

The “no action” alternative will leave these coastal dune and beach areas in an eroded condition.

2. Discuss alternative locations for the proposed fill.

None available for this project.

3. Discuss the use of elevated structures (i.e. causeways, elevated platforms, etc.) in place of the proposed fill.

Not applicable

4. Discuss any other alternatives you have considered prior to formulating the presently submitted proposal.

There are no other alternatives available for this project.



Scale: 1" = 5000'	Date: 04/01/23
Designed by:	J. Faries, P.E.
Drawn by:	J. Faries, P.E.
Checked by:	K. Bergin
Sheet No.	1 of 5

Lewes Beach Nourishment Permit Plans

SUSSEX COUNTY, LEWES, DELAWARE

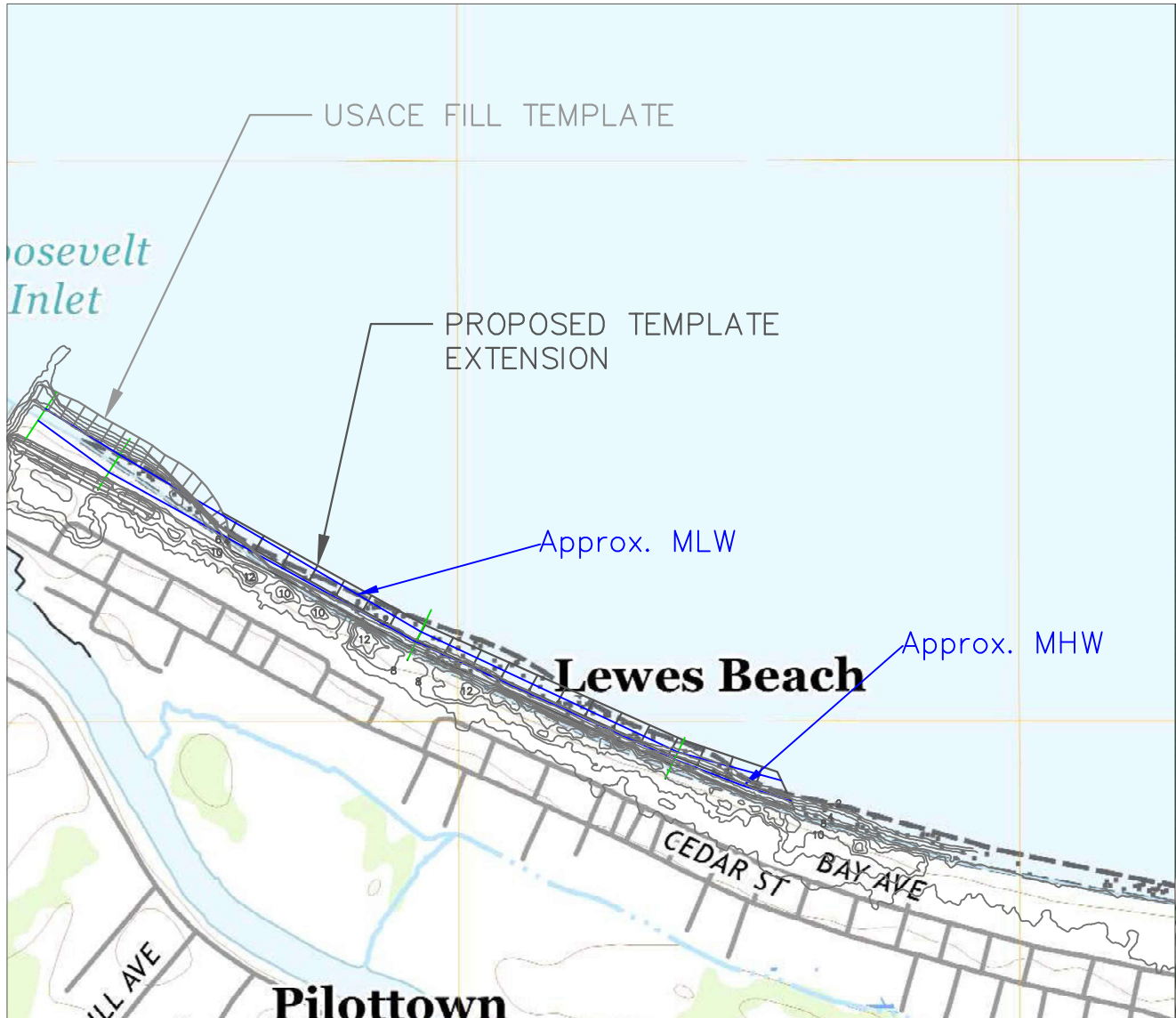


**DELAWARE DEPARTMENT OF
NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**

Division of Watershed Stewardship
Shoreline and Waterway Section

Dover Office
285 Beiser Blvd.
Dover DE, 19904
Phone: (302) 739 - 9921

Lewes Office
901 Pilottown Rd
Lewes DE, 19958
Phone: (302) 855 - 7290



Scale: 1" = 1000' Date: 04/01/23
Designed by: J. Faries, P.E.
Drawn by: J. Faries, P.E.
Checked by: K. Bergin
Sheet No. 2 of 5

**Lewes Beach Nourishment
Permit Plans**

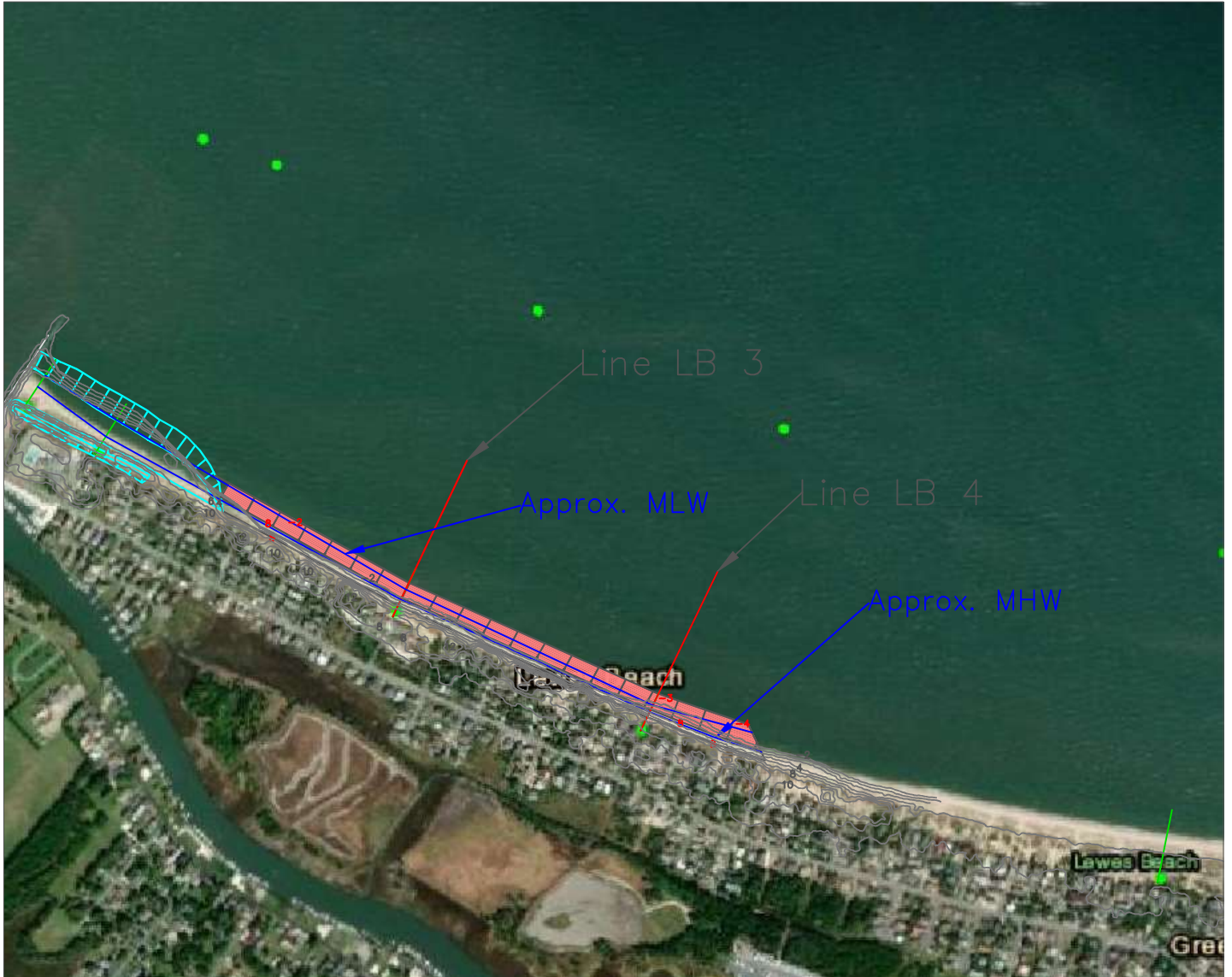
SUSSEX COUNTY, LEWES, DELAWARE



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Scale: 1" = 1000'	Date: 04/01/23
Designed by:	J. Faries, P.E.
Drawn by:	J. Faries, P.E.
Checked by:	K. Bergin
Sheet No.	3 of 5

Lewes Beach Nourishment Permit Plans

SUSSEX COUNTY, LEWES, DELAWARE



DELAWARE DEPARTMENT OF
NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL

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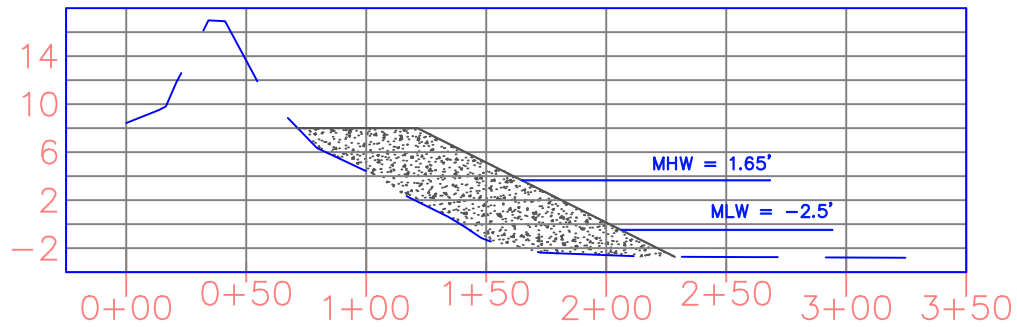
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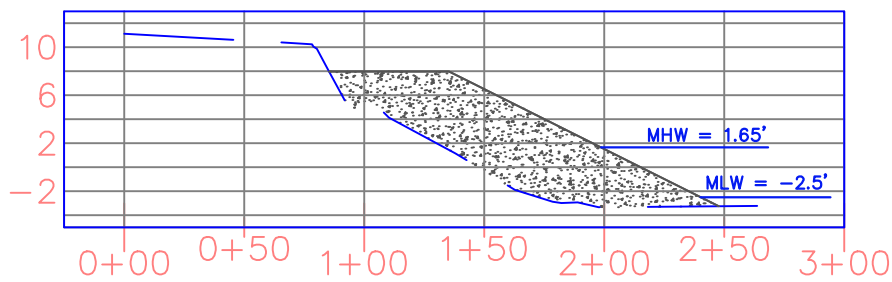
Proposed (Blue labels, red lines vs Existing LiDAR Contours (Black Labels, Grey Lines)

Scale: 1" = 800' Date: 04/01/23	Lewes Beach Nourishment Permit Plans SUSSEX COUNTY, LEWES, DELAWARE	 DELAWARE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL	Dover Office 285 Beiser Blvd. Dover DE, 19904 Phone: (302) 739 - 9921
Designed by: J. Faries, P.E.			Lewes Office 901 Pilottown Rd Lewes DE, 19958 Phone: (302) 855 - 7290
Drawn by: J. Faries, P.E.			
Checked by: K. Bergin			
Sheet No. 4 of 5		Division of Watershed Stewardship Shoreline and Waterway Section	

LB3



LB4



Scale H: 1" = 80'

V: 1" = 16'

All Elevations are in NAVD88

Scale: 1" = 1200'	Date: 04/01/23
Designed by:	J. Faries, P.E.
Drawn by:	J. Faries, P.E.
Checked by:	K. Bergin
Sheet No.	5 of 5

Lewes Beach Nourishment Permit Plans

SUSSEX COUNTY, LEWES, DELAWARE



Division of Watershed Stewardship
Shoreline and Waterway Section

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Lewes Beach Look Towards Roosevelt Inlet.



Lewes Beach looking toward Cape Henelopen



Low Tide sand bars along Lewes Beach





United States Department of the Interior



FISH AND WILDLIFE SERVICE
Chesapeake Bay Ecological Services Field Office
177 Admiral Cochrane Drive
Annapolis, MD 21401-7307
Phone: (410) 573-4599 Fax: (410) 266-9127

In Reply Refer To:
Project Code: 2023-0075301
Project Name: Lewes Beach

April 28, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Chesapeake Bay Ecological Services Field Office

177 Admiral Cochrane Drive

Annapolis, MD 21401-7307

(410) 573-4599

PROJECT SUMMARY

Project Code: 2023-0075301

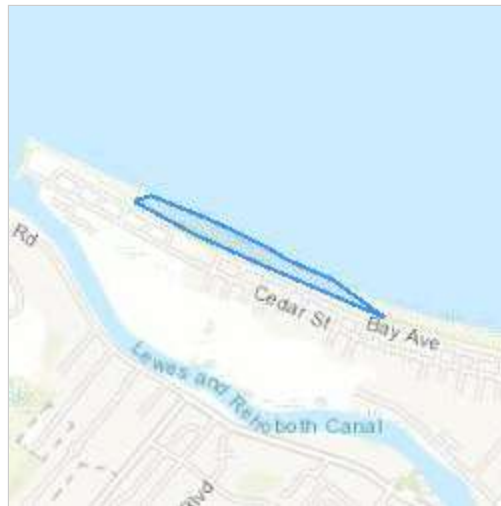
Project Name: Lewes Beach

Project Type: Beach nourishment

Project Description: This is an add on project to the USACE project for Lewes Beach. This project is expected to start fall of 2024. Sand material is expected to be dredged from a USACE borrow area at the mouth of the Roosevelt inlet to restore damaged and eroded dune in Lewes, DE.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.78576955,-75.14819558786574,14z>



Counties: Sussex County, Delaware

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ The monarch is a candidate species and not yet listed or proposed for listing. There are generally no section 7 requirements for candidate species (FAQ found here: https://www.fws.gov/savethemonarch/FAQ-Section7.html). Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Delaware Department of Natural Resources and Environmental Control
Name: Kathleen Bergin
Address: 901 Pilottown Ave
City: Lewes
State: DE
Zip: 19958
Email: kathleen.bergin@delaware.gov
Phone: 3027399453

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Army Corps of Engineers



Individual Permit Application Checklist

Project Name: Lewes Beach

Applicant: DUREC
Division of Watershed Stewardship
CENAP-OP-R

Contact Information:

- Name, address, telephone and fax numbers of the applicant.
- Name, title, address, telephone and fax numbers of the authorized agent, if applicable.
- Mailing addresses of adjacent property owners, local newspapers, post offices, and local government offices.

Project Location:

- Project street address, municipality, county, and state.
- Legal description of property (Block and Lot, Tax Map #, Parcel).
- Location map indicating project location and driving directions to the site.
- USGS Topographical Quadrangle map labeled with quad name and project location.
- Latitude and Longitude in degrees, minutes, and seconds.

Project Description:

- Project name.
- Project purpose, need, and intended use.
- Name of nearest waterbody.
- Project narrative describing all project features and anticipated temporary, permanent, and indirect environmental impacts, including method(s) of construction.
- Representative color photographs of the project site and plan of the photograph locations.
- Wetland delineation report, if available, including presence/absence and description of each type of wetlands for the entire project site. Field verification by the Corps of the delineation may be required.
- Submerged aquatic vegetation survey (if applicable).
- Type(s) and amount of fill material (cubic yardage) proposed for discharge below OHW or MHW.
- Surface area of wetlands or other waters filled in square footage/acreage.
- Location and description of any dredged material disposal site.

A written statement that clearly describes the following:

- Measures that have been taken to avoid impacts on aquatic resources (alternatives).
- Measures that have been taken to avoid and/or minimize any discharges into wetlands or waters of the U.S.
- Measures that have been developed to compensate for any impacts to wetlands or waters of the United States.

Plan Completeness:

- Scaled plans of the proposed work on 8 1/2 by 11 inch paper, including existing conditions and cross-sections, of all work in areas of Federal jurisdiction.
- Half or full-sized scaled engineering drawings, if available.
- Complete title block, legend, scale, draft date, and latest revision date.
- Show north arrow on all plans.
- Limits of disturbance for the entire project site.
- Jurisdictional boundaries and dimensions of waters of the U.S., including wetlands, (indicated by Wetland Line, Ordinary High Water mark, High Tide Line, Mean High Water line, Mean Low Water line, as applicable), clearly labeled on plan and detail drawings.
- Location and limits of any temporary and/or permanent work (e.g. grading; temporary stockpiles, staging areas, dewatering/cofferdams, detention basins, and temporary access roads), required for the construction.
- Provide existing water depths, width of the waterway, and distance to Federal or other navigation channels for pier, dock, and dredging applications.
- Location of any shellfish beds in close proximity to the area of impact.
- Height of any cables, pipelines, or other structures above mean high water and depth of any cables or pipelines below mean low water.
- Maximum distance that any structures and/or fill would extend channelward of the mean high water line or ordinary high water in non-tidal areas.
- Show existing contours and the proposed contours indicating existing and proposed elevations, if available.



Individual Permit Application Checklist

Additional Information:

- Copies and/or status of previous Federal or State approvals and/or any other permits applied for, used, or intended to be used to authorize any part of the proposed project or related activity (CZM, WQC, etc).
- Environmental Questionnaire.

Mitigation Plan (if available)

- Construction plan and cross-sectional details for proposed mitigation site.
- Existing and proposed elevations.
- Pre-construction soil profiles.
- Source of hydrology for proposed site.
- Area of watershed feeding the proposed site.
- List of proposed plant types and quantities.
- Types of plantings (e.g. seed, cuttings, potted, etc.).
- Proposed planting scheme/layout.
- Acreage of proposed mitigation and/or mitigation ratios used.
- Monitoring plan and methodologies.
- Photographs of proposed mitigation site.

Note: Project-specific or clarifying information may be required by the U.S. Army Corps of Engineers for application processing.

U.S. Army Corps of Engineers (USACE) APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT 33 CFR 325. The proponent agency is CECW-CO-R.	Form Approved - OMB No. 0710-0003 Expires: 01-08-2018
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The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: <http://dpclid.defense.gov/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx>

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Terry Middle - Last - Deputy Company - DNREC Div of Watershed Stewardship E-mail Address - Kathleen.Bergin@delaware.gov	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Kathleen Middle - Last - Bergin Company - DNREC Division of Watershed Stewardship E-mail Address - Kathleen.Bergin@delaware.gov
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6. APPLICANT'S ADDRESS: Address- 285 Beiser BLVD Suite 102 City - Dover State - De Zip - 19904 Country -	9. AGENT'S ADDRESS: Address- 285 Beiser BLVD Suite 102 City - Dover State - DE Zip - 19904 Country -
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7. APPLICANT'S PHONE NOs. w/AREA CODE a. Residence b. Business c. Fax 302-739-9921	10. AGENTS PHONE NOs. w/AREA CODE a. Residence b. Business c. Fax 302-855-7290
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STATEMENT OF AUTHORIZATION

11. I hereby authorize, Kathleen Bergin to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

Terry.Deputy@Delaware.Gov Digitally signed by Terry.Deputy@Delaware.Gov
Date: 2023.06.02 09:53:28 -0400' 2023-06-02
 _____ _____
 SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (see instructions) Lewes Rehoboth Beach Extension	14. PROJECT STREET ADDRESS (if applicable) Address 1906 Bay Ave City - Lewes State- DE Zip- 19958
13. NAME OF WATERBODY, IF KNOWN (if applicable) Atlantic	
15. LOCATION OF PROJECT Latitude: °N 38.7867 Longitude: °W 74.1523	

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)

State Tax Parcel ID 335-4.20-1.00 Municipality Lewes

Section - Township - Range -

17. DIRECTIONS TO THE SITE

From Dover, South on Route 1 to Eastbound US Route 9, Savannah Road. Left on Cedar St. Project is along the coast.

18. Nature of Activity (Description of project, include all features)

Beach Nourishment, an extension of a USACE future project. The USACE project will use a hydraulic dredge to pump sand onto the beach from an offshore ebb shoal. DNREC would like additional material to be place to extend the beach fill template further along the coast.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

To leverage an existing project to build a larger project, saving on mobilization and limiting disturbances. The larger project will protect more properties and will likely extend the life of the project.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Beach Nourishment

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards
Sand	75,000	

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 10 acres offshore from the High Tide Line
or
Linear Feet Increases the USACE Job by 3,600

23. Description of Avoidance, Minimization, and Compensation (see instructions)

Dredging activity is permitted for the USACE project. Construction activity on the shore will be done using best management construction practices and operated only during daytime hours.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- See attached reference sheet

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
DE DNREC	WQC/WWS	TBD	Concurrent with applic		
DE DNREC	DCMP Cons. Cert	TBD	Concurrent with applic		
DE DOS	SHPO review	TBD	Concurrent with applic		

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

Terry.Deputy@Delaware.Gov Digitally signed by Terry.Deputy@Delaware.Gov
Date: 2023.06.02 09:54:12 -04'00' 2023-06-02 Kathleen Bergin Digitally signed by Kathleen Bergin
Date: 2023.06.02 08:11:53 -04'00' 2023-06-02
SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



STATE OF DELAWARE
**DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL**

DIVISION OF WATERSHED STEWARDSHIP
ENTERPRISE BUSINESS PARK
285 BEISER BOULEVARD, SUITE 102
DOVER, DELAWARE 19904

**SHORELINE AND WATERWAY
MANAGEMENT SECTION**

PHONE: (302) 739-9921
FAX: (302) 739-6724

May 14, 2023

Ms. Jennifer Holmes
DNREC, Delaware Coastal Programs
100 W. Water St. Suite 7B
Dover, De 19904

Re: [Delaware Department of Natural Resources and Environmental Control
Delaware Bay Beach Renourishment Project](#)

Dear Ms. Holmes:

DNREC's Division of Watershed Stewardship is requesting a permit to perform the placement of sand fill at Lewes Beach along the Delaware Bay. The project is for renourishment of a severely eroded beach via USACE dredging project to provide erosion and storm damage protection to public streets, utilities, and private and commercial structures landward of the coastline. The project will also serve to restore a section of shoreline used for public recreation.

Enclosed you will find original copies of the following documents in support of our request:

- The Federal Consistency Application
- Copy of USACE Application

DNREC would like to perform this work as early as fall/winter of 2023-2024, and we would appreciate your processing of this permit application at your earliest convenience. Current permits do not expire until December 31, 2023. Additionally, DNREC requests that the issued permit expiration date is consistent with the federal permit expiration date. If you should have any questions on the above and/or enclosed, please feel free to direct all correspondence to Kathleen Bergin at Kathleen.Bergin@delaware.gov or 302-739-9453.

Sincerely,

Kathleen Bergin

Kathleen Bergin
Environmental Scientist III
Shoreline and Waterway Management Section