

## Section 1: Applicant Identification

1. Applicant's Name: PELICAN COVE CONDOMINIUMMailing Address: c/o Daniel R. Langdon  
82 Downing Dr.  
Reading PA 19610Telephone #: (610) 780-3989

Fax #:

E-mail: dlangdon@dekabatteries.com2. Consultant's Name: Evelyn MaurmeyerMailing Address: PO Box 674  
Lewes, DE 19958Company Name: CER, Inc.Telephone #: (302) 645-9610

Fax #:

E-mail: maurmeye@udel.edu3. Contractor's Name: Rob WhitfordMailing Address: 202 Woodbridge Hills  
Rehoboth Beach DE 19971Company Name: Precision MarineTelephone #: (302) 227-2711Fax #: (302) 226-1157E-mail: rob-whitford@precisionmarine.us

## Section 2: Project Description

4. Check those that apply:

☒ New Project/addition to existing project?☒ Repair/Replace existing structure? (If checked, must answer #16)

Applicant proposes a minor alteration of an existing 7-slip marina. Existing structure to be removed, and replaced with a new structure. New structure (main pier) will be longer than existing structure to allow for extra slip width required for installation of boat lifts and support pilings. Total number of slips in marina will remain the same (no net increase).

6. Check each Appendix that is enclosed with this application:

<input checked="" type="checkbox"/> A. Boat Docking Facilities	<input type="checkbox"/> G. Bulkheads	<input checked="" type="checkbox"/> N. Preliminary Marina Checklist
<input type="checkbox"/> B. Boat Ramps	<input type="checkbox"/> H. Fill	<input checked="" type="checkbox"/> O. Marinas
<input type="checkbox"/> C. Road Crossings	<input type="checkbox"/> I. Rip-Rap Sills and Revetments	<input type="checkbox"/> P. Stormwater Management
<input type="checkbox"/> D. Channel Modifications/Dams	<input type="checkbox"/> J. Vegetative Stabilization	<input type="checkbox"/> Q. Ponds and Impoundments
<input type="checkbox"/> E. Utility Crossings	<input type="checkbox"/> K. Jetties, Groins, Breakwaters	<input type="checkbox"/> R. Maintenance Dredging
<input type="checkbox"/> F. Intake or Outfall Structures	<input type="checkbox"/> M. Activities in State Wetlands	<input type="checkbox"/> S. New Dredging

## Section 3: Project Location

7. Project Site Address: 103 Vista Road  
Dewey Beach DE 19971County: ☐ N.C. ☐ Kent ☒ SussexSite owner name (if different from applicant): sameAddress of site owner: "8. Driving Directions: See Figures 1, 2, and 3 for maps and directions.

(Attach a vicinity map identifying road names and the project location)

9. Tax Parcel ID Number: #334-20.18-102.00 Subdivision Name: Town of Dewey Beach

WSLS Use Only:		Permit #s: _____	
Type	SP <input type="checkbox"/> SL <input type="checkbox"/> SU <input type="checkbox"/> WE <input type="checkbox"/> WQ <input type="checkbox"/> LA <input type="checkbox"/> SA <input type="checkbox"/> MP <input type="checkbox"/> WA <input type="checkbox"/>		
Corps Permit: SPGP 18 <input type="checkbox"/> 20 <input type="checkbox"/> Nationwide Permit #:		Individual Permit # _____	
Received Date: _____		Project Scientist: _____	
Fee Received? Yes <input type="checkbox"/> No <input type="checkbox"/> Amt: \$ _____		Receipt #: _____	
Public Notice #: _____		Public Notice Dates: ON _____ OFF _____	

**Section 3: Project Location (Continued)**

10. Name of waterbody at Project Location: Rehoboth Bay waterbody is a tributary to: Atlantic Ocean (via Indian River Inlet)

11. Is the waterbody: ☒ Tidal ☐ Non-tidal Waterbody width at mean low or ordinary high water 2,600' ±

12. Is the project: ☒ On public subaqueous lands? ☐ On private subaqueous lands?\*

☐ In State-regulated wetlands? ☐ In Federally-regulated wetlands?

\*If the project is on private subaqueous lands, provide the name of the subaqueous lands owner:

(Written permission from the private subaqueous lands owner must be included with this application)

13. Present Zoning: ☐ Agricultural ☒ Residential ☐ Commercial ☐ Industrial ☐ Other

**Section 4: Miscellaneous**

14. A. List the names and complete mailing addresses of the immediately adjoining property owners on all sides of the project (attach additional sheets as necessary):

See attached sheets.

B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project (attach additional sheets as necessary):

See attached sheets

15. Provide the names of DNREC and/or Army Corps of Engineers representatives whom you have discussed the project with:  
Matthew Jones, DNREC W&WS is familiar with project site and history.  
Kaylee Groce reviewed original application (submitted Dec. 2024;

returned Jan. 2025 for addl. info.)

A. Have you had a State Jurisdictional Determination performed on the property? ☐ Yes ☒ No

B. Has the project been reviewed in a monthly Joint Permit Processing Meeting? ☐ Yes ☒ No

\*If yes, what was the date of the meeting? \_\_\_\_\_

16. Are there existing structures or fill at the project site in subaqueous lands? ☒ Yes ☐ No

\*If yes, provide the permit and/or lease number(s):

SL-161/99 (copy attached)

\*If no, were structures and/or fill in place prior to 1969?

☐ Yes ☐ No

17. Have you applied for or obtained a Federal permit from the Army Corps of Engineers?

☒ No ☐ Pending ☐ Issued ☐ Denied Date: \_\_\_\_\_

Type of Permit: SPGP-20 eligibility

Federal Permit or ID #: \_\_\_\_\_

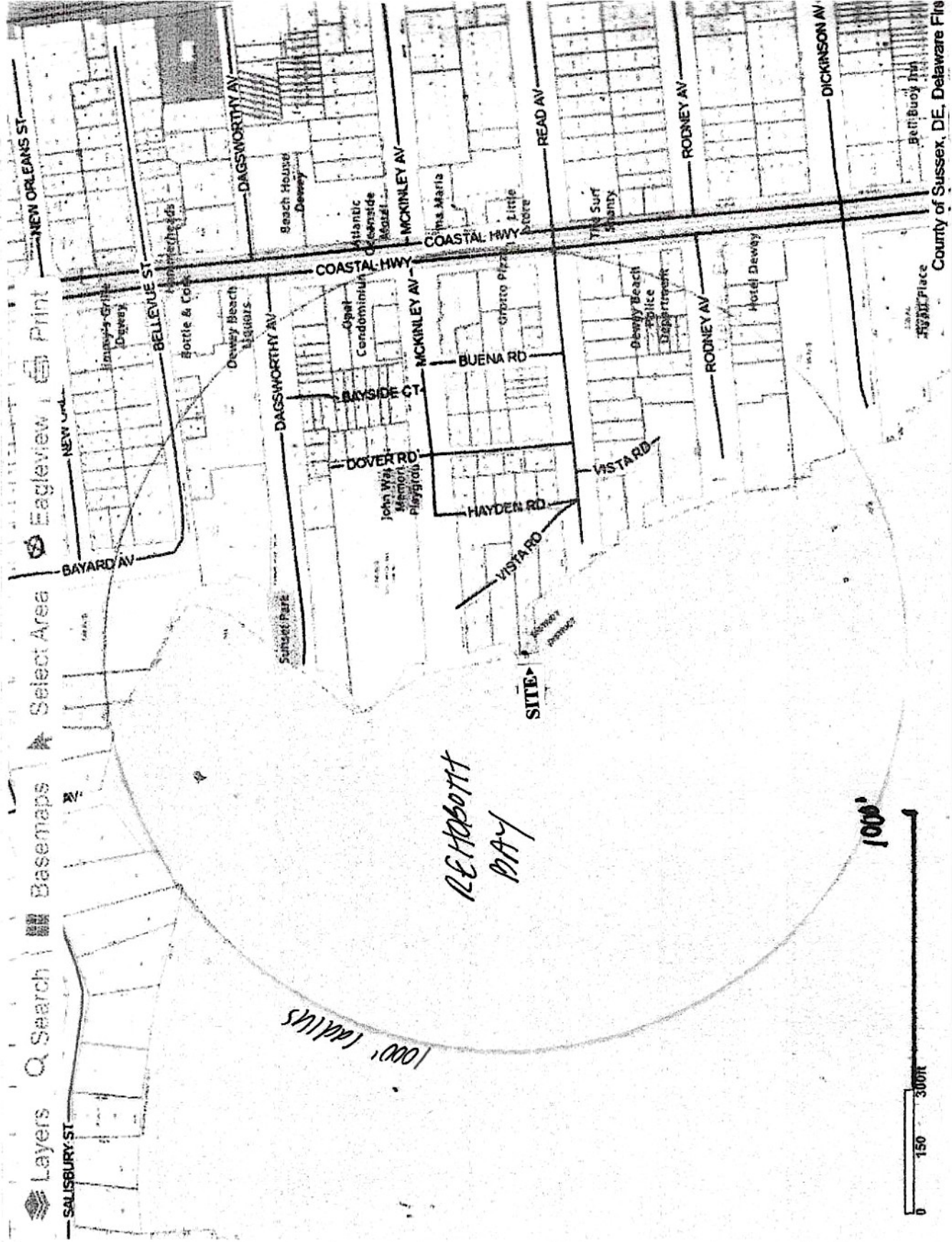
18. Have you applied for permits from other Sections within DNREC?

☒ No ☐ Pending ☐ Issued ☐ Denied Date: \_\_\_\_\_ Permit or ID #: \_\_\_\_\_

Type of permit (circle all that apply): ☐ Septic ☐ Well ☐ NPDES ☐ Storm Water

Other: \_\_\_\_\_





- 14A. List the names and complete mailing address of the immediately adjoining property owners on all sides of the project.**

**Project Site: Pelican Cove Marina, 103 Vista Road, Dewey Beach DE 19971**  
**Tax Map Parcel #334-20.18-102.00**

<u>Tax Map Parcel #</u>	<u>Name, address of owner</u>
334-20.18-100.00	McKinley Avenue LLC, 17921 Coastal Hwy., Lewes DE 19958
334-20.18-101.00	Steven Gable, Kathleen Langdon, Daniel Langdon, 83 Downing Drive, Wyomissing PA 19610
334-20.18-103.00	Janet O'Brien, 640 N. West St., Dover, DE 19904
334-20.18-98.00	North: Christopher & Jennifer Kelly, 203 Honeylocust Dr., Avondale PA 18707
334-20.18-98.00	South: Jill Bowman, 505 Summit Dr., Hockessin DE 19707

- 14B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project.**

**Tax Map #334-20.18**

<u>Parcel #</u>	<u>Name, address of owner</u>
100.00	McKinley Avenue LLC, 17921 Coastal Hwy., Lewes DE 19958
101.00	Steven Gable, Kathleen Langdon, Daniel Langdon, 83 Downing Drive, Wyomissing PA 19610
103.00	Janet O'Brien, 640 N. West St., Dover, DE 19904
98.00 North	Christopher & Jennifer Kelly, 203 Honeylocust Dr., Avondale PA 18707
98.00 South	Jill Bowman, 505 Summit Dr., Hockessin DE 19707
103.00	Janet O'Brien, 640 N. West St., Dover, DE 19904
104.00	Walter & Thelma Lou Ellis, 135 E. Side Dr., Rehoboth Beach DE 19971
105.00	Snug Harbor Dev. Corp., 25 Sheffield Rd., Rehoboth Beach DE 19971
106.00	Vista Properties LLC, 310 William St., Camden-Wyoming DE 19934
107.00	Blue Marina LLC, 10031 Old Ocean City Blvd., Ste. 204, Berlin MD 21811
108.00	Thomas & Katherine Kramedes, 122 Read Ave., Dewey Beach DE 19971
109.00	Andrew & Laura Grady, 120 Read Ave., Rehoboth Beach DE 19971
110.00	Henry & Lynne McKay, 136 E. Side Dr., Rehoboth Beach DE 19971
111.00	Crystal Carey, Trustee, 100 Dalwin Dr., Dover DE 19901
112.00	Krista & Christopher Phillips, 5 Harrington St., Landenberg PA 19350
113.00	Barbara & Gerald Forney, PO Box 549 Unionville PA 19375
114.00	Robert & Jennifer Reams, 441 Fennin Rd., New Kensington PA 15068
115.00	Jeffrey & Lily Gosnear, 149 Glade Circle W., Rehoboth Beach DE 19971
116.00	GP Dewey LLC, 20376 Coastal Highway, Rehoboth Beach DE 19971
117.00	Town of Dewey Beach, 105 Rodney Avenue, Dewey Beach DE 19971
119.00	Katherine Spicer, 1603 Blue Meadow Road, Rockville MD 20854
121.00	Ray Lopez, 725 Petersburg Rd, Davidsonville MD 21035
121.01	Ray & Dennis Lopez, 1915 Towne Center Blvd #209, Annapolis MD 21401
121.02	Seth & Sara Lynne Schwartzman, 6713 Evanston Rd., Baltimore MD 21209
121.03	Sally Hurley & Mohamed Fathelbab, 715 S. Lee St., Alexandria VA 22314
121.04	John & Kimberly Watson, 6 Dressage St., Hockessin DE 19709
122.00	Ray & Dennis Lopez, 1915 Towne Center Blvd #209, Annapolis MD 21401



123.00	625 Rehoboth Avenue LLC, 3684 Centerview Dr., Chantilly VA 20151
126.00	Blue Marina LLC, 10031 Old Ocean City Blvd., Ste. 204, Berlin MD 21811
127.00	William & Elaine Dawson, 905 E. Camden-Wyoming Ave, Camden-Wyoming DE 19934
128.00	Julia Arfaa, 7506 Chirondelle Club Rd., Towson MD 21204
129.00	Harry & Diane Daqui, 15 Meadow Lane, Middletown DE 19709
130.00	Mary Karen Wells, 110 Rodney St., Dewey Beach DE 19971
133.00	Rusty Rudder LLC, 113 Dickinson St., Dewey Beach DE 19971
74.00	Ann & Howard Richardson, 20 Montchanin Rd., Ste. 270, Greenville DE 19807
74.01	Opal Beach Condo. Assoc., c/o Tidewater Property Management, PO Box 4579, Dept. 260, Houston TX 77210
75.00	Grotto Pizza Dewey LLC, 20376 Coastal Highway, Rehoboth Beach DE 19971
76.00	Dennis Lambertson, 2578 Central Church Rd., Dover DE 19904
77.00	David & Mary Ferry, 300 Country Club Dr., Wilmington DE 19803
78.00	Grotto Pizza Dewey LLC, 20376 Coastal Highway, Rehoboth Beach DE 19971
79.00	HNB Investment Properties LLC, 0 E. Burna Vista Rd., Rehoboth Beach DE 19971
80.00	Doris Forster, 6203 Commons Rd., Baltimore MD 21237
81.00	William & Susan Waters, 5126 Buttermilk Rd., Pylesville MD 21132
82.00	Marian McKennan, 105 Buena Vista St., Rehoboth Beach DE 19971
83.00	Marguerite Henthorn, 109A Read St., Rehoboth Beach DE 19971
83.01	Glenn Ridea, 109B Read St., Dewey Beach DE 19971
83.02	Noel & Susan Furniss, 61 Willow St., Pleasantville NY 10570
83.02	David Schnepf, 3040 Farrior Rd., Raleigh NC 20607
85.00	CB Conner Family LP, 431 E. Loockerman St., Dover DE 19901
86.00	MRM, Inc., 3910 Knowles Ave., Kensington MD 20895
87.00	Terry & Mary Friedman, 1589 River Hill Way, Reno NV 89523
88.00	Philip & Bonnie Levan, 116 McKinley Ave., Dewey Beach DE 19971
89.00	Delaney White, 18 Brian Rd., Wilmington DE 19803
89.01	Yi Chong, 101 Adclare Rd., Rockville MD 20850
90.00	Yi Chong, 101 Adclare Rd., Rockville MD 20850
91.00	Philip & Ellen Winkler, 117 Read Ave., Dewey Beach DE 19971
92.00	Richard & Staci Julie, 1717 St. Georges Rd., Dresher PA 19025
93.00	Kathleen Sullivan, 106 Hayden Rd., Rehoboth Beach DE 19971
94.00	Tracy Dickenson, 205 Puccini Lane, Middletown DE 19709
95.00	Joseph & Katie McAvoy, 6204 Riverside Drive, Atlanta GA 30328
96.00	Hayden Street Ventures LLC, PO Box 69, Camp Hill, PA 17001
48.00	Marc & Cheryl Fruchtmann, 107 Highway One, Dewey Beach DE 19971
49.00	Kerry Lyn Lockwood, 103 Glade Circle, Rehoboth Beach DE 19971
50.00	Virginia Clark, 104 Bayside Ct. Unit 5, Dewey Beach DE 19971
50.04	Charles & Dierdre Lego, 3200 Old Milltown Rd., Wilmington DE 19808
50.03	PBS Resources LLC, 417 Stella Dr., Hockessin DE 19707
50.02	Christopher & Tina Muscara, 97 W. Mill Station Rd., Newark DE 19711
50.01	David Vogt, 109 McKinley, Unit 1, Rehoboth Beach DE 19971
52.00	Taska Bayside LP, 826 Yearling Dr., New Hope PA 18938
53.00	7 Bayside LLC, 1727 21 <sup>st</sup> Rd. N., Arlington VA 22209
53.01	Philip & Candace Galiffa, 1607 Masters Way, Chadds Ford PA 19317
68.00	Linda Sigle, 103 Bayside Ct. #3, Rehoboth Beach DE 19971
68.01	Sharon Epps & Mark Tirone, 718 Severn Rd., Wilmington DE 19803
67.01	Lisa Myerberg, 1920 W. Zabenko Dr., Wilmington DE 19808
67.00	Marjorie Hoffman, 600 Chermin de Bigau, FRANCE
67.02	Jonathan & Janelle Wikes, 9 Confluence Ct., Newark DE 19711



66.00	Jonathan & Janelle Wikes, 9 Confluence Ct., Newark DE 19711
65.00	Pearl Golden, 113 McKinley Ave, Dewey Beach DE 19971
64.00	Charles Gallagher, 113A McKinley Ave, Dewey Beach DE 19971
63.00	Walter & Katherine Lekites, 300 Eagle Nest Dr., Camden-Wyoming DE 19934
62.00	Craig & Caroline Longanecker, 517 Beacon Hill Terr., Gaithersburg MD 20878
54.00	Susan & Jessica Hansen, 31 Southbridge Rd. Bear DE 19701
55.00	Dagworthy S and M, LLC, 115 N. State St., Dover, DE 19901
56.00	Kristie Zimmerman504 S. Payne St., Alexandria VA 22314
57.00	Highway One LP, 113 Dickinson St., Dewey Beach DE 19971
58.00	Highway One LP, 113 Dickinson St., Dewey Beach DE 19971
61.00	Dewey Beach Lions Club, PO Box 52, Dewey Beach DE 19971
73.00	Opal Dewey Beach Condo. Assoc., c/o Tidewater Property Management, PO Box 4579, Dept. 260, Houston TX 77210
72.00	Louis Kotsiras, 506 Candlelight Ln., Bethany Beach DE 19930
70.00	Opal Dewey Beach Condo. Assoc., c/o Tidewater Property Management, PO Box 4579, Dept. 260, Houston TX 77210
69.00	Zea LLC, 100 E. Main St., #601, Salisbury MD 21801
71.00	William & Janine Stevens, 100 Bayside Ct., Unit 15, Dewey Beach DE 19971
71.01	Mark & Sarah Cornish, 1475 Hilltop Rd., Chester Springs PA 19425
68.02	Jennifer Seramone, 67 Ivy Rd., Wilmington DE 19806
68.05	Michael Vaughn & Eric Fox, 617 S. 20 <sup>th</sup> St., Philadelphia PA 19146
68.04	Scott & Denise Talley, 13 Decidedly La., Bear DE 19701
68.03	Alessandro & Thomasine Bianchi, 424 Harrison St., Hockessin DE 19707
39.00	Moore Blue Water LLC, 9919 Stephen Decatur Hwy., Ocean City MD 21842
47.02	Highway One LP, 113 Dickinson St., Dewey Beach DE 19971
35.00	Christopher & Kimberly Perry, 114 Bellvue St., Dewey Beach DE 19971
34.00	David Downs, 31 Winterbury Cir., Wilmington DE 19808
24.00	Amy & Dana Tilley, 146 Shinnecock Hill, Avondale PA 19311
22.00	Karen Schaud, 300 Salisbury St., Rehoboth Beach DE 19971
47.02	Highway One LP, 113 Dickinson St., Dewey Beach DE 19971
23.00-1	Michael Ashby, 123 Bellevue St., Unit 1, Dewey Beach DE 19971
23.00-2	Mark & Katherine Mayer, 2410 Landon Dr., Wilmington DE 19810
23.00-3	Jennifer Wiener, 3593 Fontron Dr., Edgewater MD 21037
23.00-4	Dana & Amy Tilley, 115 Bellevue St., Dewey Beach DE 19971
23.00-5	Fred Henry, 35 Kenmare way, Rehoboth Beach DE 19971
23.00-6	Catherine & Kenneth Kebrick, 518 Park Ave., Baltimore MD 21204
23.00-7	Susan & Craig Stephenson, 1129 Old Lancaster Pike, Hockessin DE 19707
23.00-8	Kellyann & Anthony Panieri, 117 Bellevue St., #8, Dewey Beach DE 19971
24.00-1	Warrens View, 1969 Grape St., Denver CO 80220
24.00-2	James & Maureen Kearney, 337 W. Edmondston Dr., Rockville MD 20852
24.00-3	James & Karen Lucas, 5120 New Kent Road, Wilmington DE 19808
24.00-4	David Cooper & Tony Scott, 5100 Elm St., Bethesda MD 20814
24.00-5	Susan Epstein, 17 Penarth Dr., Wilmington DE 19803
24.00-6	Bernice Nowicki, 2005 Bayard Ave., Apt. 6, Dewet Beach DE 19971
24.00-7	Howard & Cheryl Swope, 2005 Bayard Ave., Apt. 7, Dewet Beach DE 19971
1.00	Cajun Cove Assoc., 35370 Atlantic Ave., Millville DE 19967
33.00	State of Delaware, PO Box 778, Dover, DE 19903





WETLANDS & SUBAQUEOUS  
LANDS SECTION

STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES &  
ENVIRONMENTAL CONTROL  
**DIVISION OF WATER RESOURCES**  
89 KINGS HIGHWAY  
DOVER, DELAWARE 19901

TELEPHONE (302) 739-4691  
FACSIMILE (W2) 739-6304

Subaqueous Lands Lease No.: **SL-161/99**

Date of Issuance:

Amended Date:

Tax Parcel No.: 3-34-20.18-102

### **SUBAQUEOUS LANDS LEASE**

**GRANTED TO THE PELICAN COVE CONDOMINIUM TO MAINTAIN A  
94 FOOT BY 5 FOOT PIER, THREE (3) 2 FOOT BY 20 FOOT FINGER  
PIERS, A 2 FOOT BY 10 FINGER PIER, A 6.5 BY 24 FOOT DOCK, A 4  
FOOT BY 43 FOOT DOCK AND 7 PILINGS IN REHOBOTH BAY AT  
VISTA ROAD, DEWEY BEACH, SUSSEX COUNTY, DELAWARE**

**Pelican Cove Condominium**  
c/o Sherry F. Greth P.O. Box  
16 Temple. PA 19560

Pursuant to the provisions of 7 Del. C. 7203, and the Department's Regulations Governing the Use, of Subaqueous Lands, permission is hereby granted on this \_ \_ day of \_ \_ A.D., 2000, to maintain the above-referenced project in accordance with the approved plans for this lease (1 sheet), as approved on November 29, 2000. and received by this Division on June 18, 1999 and Delaware Subaqueous Lands Lease Renewal Form dated June 15, 1999, and received by this Division on June 18, 1999.

WHEREAS, the State of Delaware is the owner **of ungranted** subaqueous lands lying beneath the waters **of Rehoboth Bay**; and

WHEREAS, the Pelican Cove Condominium, owner of certain lands adjoining to Rehoboth Bay has applied for permission to maintain a pier with finger piers and docks; and

WHEREAS, pursuant to the provisions of 7 Del. C., 7203, the Secretary of the Department of Natural Resources and Environmental Control through his duly authorized representative finds that it is not contrary to the public interest if this project is approved subject to the terms and conditions herein set forth.

This approval is in accordance with plans and application submitted to Department of Natural Resources and Environmental Control, a copy of which is attached hereto and made apart hereof.

This Lease shall be continued for a period of twenty (20) years or so long as the conditions attached to the Lease are adhered to, whichever is the shorter in time. Upon the expiration of the twenty-year term, this Lease shall expire and become null and void, unless prior thereto the lessee shall have applied for and received a renewal of this Lease. A renewal may be denied if the State determines that the Lease is no longer in the public interest.

THIS Lease is issued subject to the following conditions:

#### **SPECIAL CONDITIONS**

1. The conditions contained herein shall be included as part of the main body of the construction contract and other ancillary documents associated with earth disturbance and any other activities directly or indirectly associated with construction or maintenance which may impact subaqueous lands associated with this project.
2. **This Lease authorizes the lessee to maintain the approved structures on public subaqueous land from February 28, 2000 through February 28, 2020.**
3. **Pending legislative action, the structures authorized under this lease could be subject to a fee. In the event the General Assembly establishes lease fees for these types of structures over public subaqueous lands, a fee will be applied to these leased structures. Lease fees established by the General Assembly shall also apply to any lease that has expired until such time as the structure is removed pursuant to a denial or revocation, or until such time as a new Lease has been issued. The authorized pier, docks, finger piers and piles occupy 865 square feet of structure on public subaqueous lands.**
4. **This Lease shall not be considered valid until it has been duly recorded in the office for the Recorder of Deeds in and for the appropriate County, and a copy of the recorded Lease is returned to, and has been received by, the Department.**



5. Maintenance shall be conducted so as not to violate the State of Delaware Department of Natural Resources and Environmental Control, "Surface Water Quality Standards" dated August 11, 1999.
6. The leased structures shall be maintained in a manner so as not to impair water access.
7. This Lease does not authorize any repairs, additions, or modifications to the existing structures authorized herein. Such activities require separate written authorization from the Department of Natural Resources and Environmental Control.
8. All debris, excavated material, brush, rocks, and refuse incidental to maintenance of the leased structure shall be placed above the influence of surface waters.
9. The structures on/or adjacent to subaqueous lands shall be for the explicit purpose of vessel berthing and launching.

#### GENERAL CONDITIONS

1. The project is to be undertaken in accordance with the plans submitted and attached hereto. Any activities not specifically authorized herein may require a supplemental approval from this office prior to the initiation of construction. A determination on the need for a supplemental approval will be made by this office pursuant to the lessee submitting written notification and revised plans indicating project changes to this office.
2. Representatives of the Department of Natural Resources and Environmental Control may inspect the leased structure and may collect any samples or conduct any tests that are deemed necessary.
3. This Lease does not cover the structural stability of the project units.
4. Prior to the expiration of this Lease, the lessee shall remove all structures covered under this Lease unless the Lease has been renewed in accordance with its terms.
5. Any actions, operations or installations which are considered by the Department to be contrary to the best interests of the public shall constitute reason for the discontinuance and/or removal of said action, operation or installation.

6. The lessee shall maintain any structure on public subaqueous lands in good and safe condition and will protect and save the State of Delaware harmless from any loss, cost or damage by reason of said structures.
7. The issuance of this Lease does not imply approval of any other part,, phase, or portion of any-  
overall project the lessee may be contemplating.
8. This Lease shall not be construed to grant or confer any right, title, easement, or interest in, to,  
or over any land belonging to the State of Delaware other than that of a tenant.
9. This Lease is subject to the terms and conditions contained in any easement, license or lease  
that may have been granted by the State or any political subdivision, board, commission or  
agency of the State in the vicinity of the leased premises.
10. This Lease is personal and may not be transferred without the prior written consent of the  
Department. Prior to the transfer of the adjacent upland property, the lessee shall obtain the  
written consent of the Department to transfer this Lease to the new upland property owner.  
Failure to obtain such written consent may result in the revocation of this Lease and the  
removal of all structures authorized by this Lease at the expense of the lessee.
11. This Lease and authorization are granted for the purposes as stated herein, Any other use  
without prior approval shall constitute reason for this Lease being revoked.
12. The lessee shall at all times comply with all applicable laws and regulations of the Department  
of Natural Resources and Environmental Control.
13. The issuance of this Lease does not constitute approval for any of the activities as may be  
required by any other local, state or federal governmental agency.
14. Application for renewal must be submitted six (6) months prior to the expiration date of this  
Lease.
15. This Lease may be revoked upon violation of any of the above conditions.




Pelican Cove Condominium  
SL-161/99  
page 5 of 5

Enclosure

IN WITNESS WHEREOF, I, Sherry F. Greth, representing the Pelican Owe  
Condominium, have caused this instrument to be executed on this \_\_\_\_\_ /s/  
\_\_\_\_\_, 2000.

By: **Ahm**  
Applicant

SWORN ~~and~~ subscribed before me on

  
Notary Public

lms  
\_\_\_\_\_  
2000. *Iff* - day of

IN WITNESS WHEREOF, I, Nicholas A DiPasquale, Secretary, Department of Natural  
Resources and Environmental Control, have hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2000.

By Secretary of the Department of  
Natural Resources and  
Environmental Control

## Section 5: Signature Page

## 19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf ☐

I wish to authorize an agent as indicated below ☒

I, Daniel R. Langdon, hereby designate and authorize Evelyn Maurmeyer, CER, Inc.  
(Name of Applicant) Pelican Cove Condominium Board (Name of Agent)  
to act on my behalf in the processing of this application and to furnish any additional information requested by the Department.

Authorized Agent's Name: Evelyn Maurmeyer  
Mailing Address: CER, Inc.  
PO Box 674  
Lewes DE 19958

Telephone #: (302) 645-9610  
Fax #: \_\_\_\_\_  
E-mail: maurmeyer@udel.edu

## 20. Agent's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Agent's Signature Evelyn Maurmeyer

Date 12/20/2014

## 21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

Applicant's Signature Daniel R. Langdon

Print Name DANIEL R. LANGDON

Date 12/18/2014

**SIGN  
& DATE**

## 22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Contractor's Name Robert Whitford

Date \_\_\_\_\_

Print Name ROBERT WHITFORD





**COASTAL & ESTUARINE RESEARCH, INC.**

Marine Studies Complex  
P.O. Box 674  
Lewes, Delaware 19958  
302-645-9610

March, 2025

**PROJECT DESCRIPTION:  
MINOR ALTERATION OF A SMALL MARINA:  
PELICAN COVE CONDOMINIUM MARINA**

**Applicant**

Pelican Cove Condominium  
c/o Daniel R. Langdon, Council Officer  
82 Downing Dr.  
Reading, PA 19610  
(610) 780-3989  
dlangdon@dekabatteries.com

**Project Location**

The proposed project is a minor alteration of Pelican Cove Marina, an existing small (7-slip) marina adjacent to Rehoboth Bay at 103 Vista Road, Dewey Beach, Sussex County, Delaware (Tax Map Parcel #334-20.18-102.00). See Figures 1, 2, and 3 for location maps, and Figure 4 for site location on USGS topographic map, Rehoboth Beach, Delaware quadrangle. The site is depicted on State of Delaware DNREC wetland map #018, 1988 photobase (Figure 5), and is mapped W (Water), adjacent to O (Uplands or non-tidal wetlands less than 400 acres

**Existing Structures**

The existing structure (authorized by SL-161/99), consists of a 94' long x 5' pier wide main pier; three (3) 2' wide x 20' long finger piers; one (1) 2' wide x 10' long finger pier; a 6.5' wide x 24' long walkway/dock; a 4' wide x 43' long walkway dock (both along the existing bulkhead); and seven (7) pilings. There are also two (2) boat slips present. The shoreline is stabilized by a bulkhead. Access steps extend from the bulkhead. See Figure 6 for aerial photograph of site, and Figures 7a, 7b, and 7c for ground-level photographs.

### **Proposed Project**

The applicant proposes to remove the existing docking facilities (marina), and to construct the following (see Figures 8 and 9 for plan view and cross-sections, prepared by Precision Marine Construction, Inc.):

- A 145' long x 5' wide main pier.
- Three (3) 4' wide x 20' long finger piers
- One (1) 6' wide x 20' long dock
- Seven (7) boat lifts
- A 5' wide x 24' long walkway/dock adjacent to the bulkhead
- A 5' wide x 43' long walkway/dock adjacent to the bulkhead
- Access steps (4±' wide x 5±' long) from the bulkhead to the water

Purpose of the project is to provide seven (7) boat slips (no increase in present number) for residents of Pelican Cove Condominium.



## BOAT DOCKING FACILITIES

Any boat docking facility for more than four (4) vessels is considered a marina facility (see definitions and explanations section) and requires the applicant to complete Appendices N and O, and make application to the U. S. Army Corps of Engineers for approval.

Please make sure answers to all of the questions in this appendix correspond with information on the application drawings.

1. Briefly describe the project. (Attach additional sheets as necessary.)

See attached sheet

2. Please provide numbers and dimensions as follows: See attached sheet

Structure Type	Number of Support Pilings	Dimensions (Channelward of MHW or OHW)		Dimensions (Channelward of MLW- n/a for non-tidal water)		New, repair or maintain
		Width ____ ft.	Length ____ ft.	Width ____ ft.	Length ____ ft.	
Freestanding Pilings	Number					

Mooring Buoy: How many moorings will be installed? \_\_\_\_\_  
 What will be used for the anchor(s)? \_\_\_\_\_  
 Anchor/Mooring Block Weight \_\_\_\_\_  
 Anchor Line Scope (Length or Ratio) \_\_\_\_\_  
 Water Depth at Mooring Location \_\_\_\_\_

3. Approximately how wide is the waterway at this project site? 2,600 ft. (measured from MLW to MLW)
4. What will be the mean low water depth at the most channelward end of the mooring facility? 3± ft.
5. What type of material(s) will be used for construction of the mooring facility (e.g. salt treated wood, aluminum, fiberglass floats, etc.) Use of creosote-treated wood is prohibited.  
Salt-treated wood, galvanized hardware, steel/aluminum lifts
6. Circle any of the following items that are proposed over subaqueous lands:  
Fish Cleaning Stations/Benches/Ladders/Water Lines/ Satellite/Electric Lines/ Handrails/Other (Describe)

If any of the items are circled above, include their dimensions and location on the application drawings.

Existing structures to be removed. Dimensions of new structures as follows:

2. Please provide numbers and dimensions as follows:

[illegible]



7. What will be the distance from the most channelward end of the docking facility to the edge of any natural or man-made channel? 500ft. ±
8. Describe the vessels that will be berthed at the docking facility. Please draw proposed vessel locations on plans and drawings. Typically pontoon boats and small motor boats.  
(see note below).
- |                  |              |             |             |
|------------------|--------------|-------------|-------------|
| Make/model _____ | length _____ | width _____ | draft _____ |
| Make/model _____ | length _____ | width _____ | draft _____ |
| Make/model _____ | length _____ | width _____ | draft _____ |
| Make/model _____ | length _____ | width _____ | draft _____ |
9. Please provide a copy of the current state registration or Coast Guard Certificate of Documentation for each motorized vessel listed above.  
See note below.
10. Give the number and type of each Marine Sanitation Device (e.g. MSD III, Portable toilet) that will be used on vessels to be docked at the facility.  
none
11. Is there currently a residence on the property? x Yes \_\_\_\_\_ No Pelican Cove Condominium
12. Do you plan to reach the boat docking facility from your own upland property? x Yes \_\_\_\_\_ No If "No", explain your proposed means of access and provide documentation of easement or documentation authorizing access if you intend to cross someone else's property.
13. Will any portion of the structure be located in privately owned underwater land (such as a pond or lagoon) owned by someone other than the applicant? \_\_\_\_\_ Yes x No.  
If yes, written permission of the underwater land owner must be provided with this application.
14. What is the width of the waterfront property frontage adjacent to subaqueous lands? 106+ ft.  
Will any portion of the structure or any vessel be placed within 10 feet of your neighbor's property line?  
x Yes \_\_\_\_\_ No  
If yes, a letter of no objection from the adjacent property owner must be included with this application.  
See attached letter.

Note

8. Pelican Cove Condominium Declaration stipulates that each unit (seven units total) is entitled to one navigable boat slip (see attached sheet).
9. Not all unit owners own a boat at the present time.

# STATE OF DELAWARE

## BOAT REGISTRATION CERTIFICATE

HULL ID NO	REG NO	MAKE	YEAR
NTLEX327B818	DL9800V	GRADY WHITE	2018
LENGTH	HULL MATERIAL	PROPULSION	OPERATION
30' 6"	Fiberglass	Propeller	Pleasure
VESSEL TYPE	FUEL	ENGINE TYPE	EXPIRATION
Cabin Motorboat	Electric	Outboard	2026
OWNER	BOAT NAME		
DANIEL LANGDON			
82 DOWNING DR			
WYONISSING, PA 19610			

Grady-White Boats, Inc.  
Greenville, NC 27834 • P.O. Box 1527 • Greenville, NC 27835-1527  
Fax: 252-752-4217 • <http://www.gradywhite.com>





January 30, 2025

Mrs. Jan O'Brien  
640 N. West Street  
Dover, DE 19904

Kaylee Groce  
DNREC  
89 Kings High SW  
Dover, DE 19901

Dear Kaylee Groce,

I am writing to inform you that I have no objections to the pending Pelican Cove Condominium DNREC application for dock modernization.

Thank you for your consideration.

Sincerely,

*Mrs. Jan O'Brien*

Mrs. Jan O'Brien

bedrooms, a bathroom, a computer area, a laundry and a sunroom and two closets. A spiral staircase connects the second and third floors.

Unit 7 is located on the first and second floors. On the first floor there is a living room, a dining room, a den, a kitchen, a bathroom, a laundry and three closets. On the second floor there are three bedrooms, one bathroom, a hallway and three closets.

Each is erected pursuant to the declaration plan which is of record as aforesaid.

The building is erected upon the lot, piece, or parcel of land described in Schedule A attached to the amended declaration dated the 27<sup>th</sup> day of July, A.D. 1982, and recorded as aforesaid, and is located 4.1 feet from the northern boundary of the land and its closest point thereto, 17.6 feet from the eastern boundary of the land, 5.2 feet from the southern boundary of the land at its closest point thereto, and approximately 30 feet from the shoreline of the Rehoboth Bay.

3. Paragraph 6 of the Declaration shall be amended by deleting in the last sentence thereof the work "two" before the word "stories" and substituting therefore the word "three".

4. The aforementioned Amended Declaration is hereby amended by adding the following as Paragraph 25.

#### 25. PIER AND MARINA

On November 8, 1979, the US Army Corps of Engineers issued the Pelican Cove Condominium permit number NAPOR-R-79-0548-3 to construct a pier extending into Rehoboth Bay. On September 12, 1979, the Delaware Department of Natural Resources and Environmental Control (DENREC) issued the Condominium Subaqueous Lease No. SL-0306/79 for this pier. The pier was constructed and on several occasions modified. The pier has 7 boat slips that make up the marina. All the units share expenses for the overall marina equally (1/7). Each unit is entitled to one navigable boat slip. Navigable is defined in this agreement as 18 inches of water at mean low tide. Mean low tide is the same definition used by DENREC for this portion of Rehoboth Bay. Should a unit using a slip that has become un-navigable wish to have the slip returned to a navigable condition, the unit shall notify the Condominium in writing. The Condominium will then verify the un-navigable condition to the slip and take corrective action, dredging or some other mutually agreeable action. The cost of this corrective action including permit fee shall be at the equal expense of all the units (1/7). The right of each unit to a navigable boat slip is guaranteed by this agreement. A unit may make modifications to a slip such as adding a boatlift or adding on to a finger pier upon written approval of the Condominium. The maintenance and expense of individual slip modification is the responsibility of the unit making the modification.



## PRELIMINARY MARINA SCREENING CHECKLIST

(To be submitted at least one week prior to the pre-application meeting)

\* Provide the following information and/or answer the following with regard to the proposed marina project:

1. Applicant's (Property Owners) Name Telephone Number  
Address: PELICAN COVE CONDOMINIUM Home ( ): (610) 780-3989  
c/o Daniel R. Langcon Work ( ): \_\_\_\_\_  
103 Vista Road  
Dewey Beach, DE 19971

Project Name: Pelican Cove Marina

2. Provide an aerial photograph of the site, if available.  
See Figure 6.
3. What are the existing land uses on the site?  
Existing marina
4. What are the existing land uses on adjacent properties within 1000 feet of the proposed marina or marina alteration, including the opposite shore?  
Adjacent properties are residential and commercial, many with marinas/docks.  
Opposite shore (2,700+') is Thompson Island and adjacent wetlands.
5. Name and distance of nearest municipality.  
Site is located within the Town of Dewey Beach.
6. Is the proposed project an open water or enclosed basin marina?  
☒ Open water ☐ Enclosed basin
7. Is the marina on a creek, river, or open bay? Name of the water body?  
Open bay, Rehoboth Bay.
8. Indicate the number of wet slips. Proposed 7 Existing 7 (no net increase)
9. Indicate the number of dry stack spaces. Proposed 0 Existing 0
10. Will the proposed marina or marina alteration require dredging?  
☐ Yes ☒ No  
If yes, approximate the amount in cubic yards. \_\_\_\_\_ cubic yards
11. If the project requires dredging, do you own or have access to an upland site for dredged material disposal? \_\_\_\_\_  
☐ Yes ☐ No If yes, where is it located? \_\_\_\_\_
12. If not, how do you propose to dispose of your dredged material?
13. How many years of maintenance dredge spoil capacity does the spoil site possess?  
\_\_\_\_\_ Years

14. Will the proposed project require the use of any State wetlands? \_\_\_\_ Yes X No If yes, approximate the amount of wetlands required in acres and the intended use.

15. What is the tide range at the marina site? Normal tide 2' Neap tide 1.5'

What is the source of this information?

USGS tide gage, Rehoboth Bay at Dewey Beach

16. What is the approximate MLW depth at the marina site? 3 -Ft. (see Figure 8)

What is the source of this information?

On-site measurements

17. If the site includes residential development, indicate: n/a

Number of units platted \_\_\_\_\_

Length of shoreline owned \_\_\_\_\_

Acreage of upland property \_\_\_\_\_

Indicate the number of on-site parking spaces for:

	cars	trailers	cars with trailers	oversize vehicles
Proposed	13	--	--	--
Existing	13	--	--	--

no increase in parking proposed

18. What utilities will be provided on or in the marina or dock area proper? Be specific, e.g. fuel, electricity, sewage pump-out, water, etc. Water and electric already present.

19. What additional shore-based facilities are included in the proposed marina or marina alteration? Be specific, e.g., boat or engine repairs, fuel, foods, etc. None

20. Will the marina project be available to the general public? If so, on what basis? ☐

Private use for residents of Pelican Cove Condominiums.

21. Are existing public facilities, services, and transportation adequate to accommodate the project and associated development impacts? X Yes \_\_\_\_ No If no, please describe the upgrades required:

22. Has a market study been completed for the project? \_\_\_\_ Yes X No

If so, please attach the study report.

23. If no market study has been completed, please describe briefly the intended market, particularly the types and sizes of boats anticipated to use the facility.

Pelican Cove Condominium Declarations stipulate that each unit (T = 7) is entitled to one navigable boat slip (see attached sheet).



bedrooms, a bathroom, a computer area, a laundry and a sunroom and two closets. A spiral staircase connects the second and third floors.

Unit 7 is located on the first and second floors. On the first floor there is a living room, a dining room, a den, a kitchen, a bathroom, a laundry and three closets. On the second floor there are three bedrooms, one bathroom, a hallway and three closets.

Each is erected pursuant to the declaration plan which is of record as aforesaid.

The building is erected upon the lot, piece, or parcel of land described in Schedule A attached to the amended declaration dated the 27<sup>th</sup> day of July, A.D. 1982, and recorded as aforesaid, and further described in the second amended declaration plan recorded as aforesaid, and is located 4.1 feet from the northern boundary of the land and its closest point thereto, 17.6 feet from the eastern boundary of the land, 5.2 feet from the southern boundary of the land at its closest point thereto, and approximately 30 feet from the shoreline of the Rehoboth Bay.

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**MARINAS**

Marina applicants must complete this appendix and any other appendices that may apply to the proposed project (see "List of Appendices").

Please be sure that answers to all of the questions in this appendix correspond to information on the application drawings.

1. Name of marina: PELICAN COVE CONDOMINIUM MARINA

2. Complete mailing address for marina: 103 Vista Road  
Dewey Beach DE 19971

Telephone Number: (610) 780-3989 (Daniel Langdon)

3. Name and complete address for Harbormaster, if applicable:

n/a  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

4. Check appropriate box: ☐ New Marina ☒ Alteration to Existing Marina

5. Number of Slips: Complete Appendix A for details of docking facilities.

	a. Wet Slips	Dry Storage Spaces
b. Existing	<u>7</u>	<u>0</u>
c. Proposed or Additional	<u>7*</u>	<u>0</u>

\* no net increase

- If this is an alteration to an existing marina, please be advised that the questions that follow pertain only to the altered portion(s) of the facility.

6. Shellfish Resources: Is any part of the marina located within or adjacent to a classified shellfish growing area? This information can be obtained from the Division of Water Resources, Watershed Assessment Section (302-739-4590)

☒ Yes ☐ No

If yes, how is the area currently classified?

☐ Approved Area ☐ Conditionally Restricted Area  
☐ Conditionally Approved Area ☒ Prohibited Area  
☐ Restricted Area

7. Submerged Aquatic Vegetation (SAV): Are any SAV beds located within the marina basin or adjacent areas? ☐ Yes ☒ No



8. Critical Habitats: Is the marina located within or adjacent to an area classified as a critical habitat by the Department's Division of Parks and Recreation? Critical habitat areas are those that are included in the Natural Areas Inventory, or that provide habitat for species included in the State Endangered Species Act (7 Del. C., Chapter 6). To obtain the locations of these areas, contact the Division of Parks and Recreation at (302) 739-5285.        Yes **x** No
9. Dredging and Dredged material Disposal: Complete Appendices R and/or S.  
**n/a (no dredging proposed)**
10. Shoreline Protection Structures: Complete appropriate Appendices.  
**n/a (bulkhead present, no new shoreline protection structures proposed)**
11. Water Supply: Describe the existing or proposed water supply facilities for the project.  
**x** Public water system. Identify: **Dewey Beach**  
       Private well. If existing, include the DNREC Well Permit Number:
- If there are plans to construct a new well, a permit must be obtained from the Department's Water Supply Section prior to well construction.
12. Wastewater Facilities:
- a. How many restroom facilities are planned for the marina? **0**  
If none, please explain: **Marina users will use restroom facilities at their condo.**
- b. How will the wastewater from the facility be handled?  
**x** Public sewer, identify: **Dewey Beach sewer system**  
       On-site septic system  
       Other, describe:
- c. Identify the permit numbers for any treatment, storage or disposal permits that have been obtained for the proposed wastewater facilities, including name and permit number for any waste transporters who will be transporting wastewater or septage.  
**n/a**
- d. If permits for the wastewater facilities have not yet been obtained, have permit applications been submitted?        Yes        No **n/a**  
If Yes, show the date and to whom the application was mailed. If no, describe all proposed plans for wastewater handling. Attach additional sheets as necessary.

13. Parking:

How many parking spaces will be provided? **13**

Does the proposed parking plan conform to:

Local planning codes or requirements; (Contact the County Planning Department and/or local municipal government offices for this information). **x** Yes        No

The 0.5 spaces/slip rebuttable presumption from the Marina Regulations **x** Yes        No

If no, please explain:

14. Stormwater Management: Describe in detail the plans to detain the first one-half inch of stormwater run-off from the disturbed portion of the site and release it over a 24 hour period. Attach additional sheets and drawings as necessary.

See attached sheet.

15. Solid Waste Management:

How many trash receptacles/ recycling bins will be provided at the marina? 1 trash bin, 4 recycling bins.  
If trash receptacles will not be provided, what measures will be taken to ensure that solid wastes are properly disposed of?

16. Boat Maintenance Areas and Activities:

- a. Describe in detail how boat maintenance by-products, debris, residues, spills and run-off from maintenance areas will be controlled in accordance with the Marina Regulations. Attach separate sheets if necessary.

See attached sheet.

- b. Will special containers for waste oils and other maintenance wastes be provided?      Yes  
  x   No Explain: Marina users will take waste oil to nearest recycling facility.

- c. Describe in detail how materials used in maintenance and repair operations will be handled and stored. Materials of concern include, but are not limited to, paints, solvents, oils, greases, preservatives, pesticides, epoxies and corrosive cleaners. Indicate whether local fire codes or national Fire Protection Association (NFPA) standards have been used in developing the proposed handling and storage. Attach separate sheets if necessary.

See attached sheet.

17. Fuel Storage and Delivery Facilities/Spill Contingency Plan:

- a. Describe in detail all procedures for storage, handling and dispensing of fuel. Indicate whether local fire codes or National Fire Protection Association (NFPA) standards have been used in developing proposed procedures. A permit from the Department's Underground Storage Tank Branch may also be required. Attach separate sheets as necessary.

See attached sheet.

- b. Describe in detail procedures that will be used to contain and clean any fuel spills that occur as a result of marina operations. Notification procedures should also be described. Attach separate sheets if necessary.

See attached sheet.



## **APPENDIX O: MARINAS**

### **14. Stormwater Management.**

The land area surrounding the marina consists of sand and grassy uplands. Soils are permeable, allowing for stormwater to be absorbed with minimal flooding/ponding. The grasses on the ground surface serve as vegetated buffers, which will help filter upland runoff and trap sediment and nutrients.

### **16. Boat Maintenance Areas and Activities.**

- a. Maintenance of boats or boat systems on the marina premises will be held to a minimum, and generally limited to routine boat cleaning. Cleaning agents should be diluted to the minimum strength necessary for the job. Non-phosphate detergents and the least toxic cleaning agents available for a particular job should be used. Recycle and reuse cleaning agents whenever possible. Perform minor maintenance on outgoing tides. Minor routing maintenance, such as boat washing, polishing, etc., should be performed while the boat is stored on land. Major repairs (including, but not limited to, engine overhauls; scraping; power washing; sanding and sand-blasting; and painting) are prohibited. These activities shall be conducted off-site.
- c. Materials used by boat owners are stored in their units and/or garages, and are used according to manufacturers' instructions

### **17. Fuel Storage and Delivery Facilities/Spill Contingency Plan:**

- a. There are no fueling facilities in the marina. Gasoline (except for emergencies) is not permitted in the area of the dock except in the on-board tanks intended for that purpose. Marina users can purchase fuel at nearby marinas, or can bring approved portable tanks on board. When fuel is carried on board, it should be done so in an approved container or portable tank, and should be safely stowed. Under no circumstances within the dock area shall gasoline be carried in glass containers. Oil is not to be brought into the marina area in containers larger than one (1) quart.
- b. In the event of a fuel spill, source of the spill will be identified, stopped, and contained. A portable boom is provided, and Bilge Oil Sorb sponges (marine absorbent material) are available in a secure dock box at the marina. The spill shall be reported to Marina personnel. DNREC Emergency Response Team/Marine Police (800-662-8802) and the US Coast Guard (800-424-8802) shall be notified, as necessary, to assist with clean-up. Boat owners are instructed at the beginning of each season on the cleanup procedure

18. Fire Protection Systems: Describe the fire protection systems that are proposed for the facility. Indicate whether local fire codes or National Fire Protection Association (NFPA) standards have been used in choosing and designing the systems. Attach additional sheets as necessary.

**Fire extinguishers are present in all vessels at the marina.**

19. Life Safety Equipment:

- a. For alterations to existing marinas: Does the alteration involve the addition of new water-based structures? ☒ Yes ☐ No. If yes, complete 20 B. If no, skip to question 21.
- b. How many floatation devices will be provided around the marina and how far apart will they be located? **Each vessel in the marina will be equipped with floatation devices, per US Coast Guard requirements.**

20. Fish Waste:

Will fish cleaning stations be provided? ☐ Yes ☒ No

If yes, how many? 0 (Be sure to show their location on the engineering plans).

Will the marina provide a live bait concession? ☐ Yes ☒ No

21. Piers and Docks: Complete Appendix A.

**Attached.**

22. Drawing Requirements: At a minimum, all marina applicants must submit at least the following drawings:

- a. Elevation or Section View **See Figure 9.**
- b. Vicinity Map **See Figures 1-3.**
- c. Plan View **See Figure 8.**

- General Information for All Drawings: For all major structures, the structural dimensions and distance from the nearest property line, survey marker or permanent landmark should be shown.
- Wherever possible, identify the materials used in construction. If dredging or filling is involved, show the volume and type of materials to be moved, and the grade to be used.

- a. Elevation or Section View **See Figure 9.**

The elevation or section view includes the following, as applicable: (check those which apply). Pre-checked items must be included.

- ☒ Mean high and low water lines;
- ☒ Construction details for all water-based structures (e.g. piers docks, pilings);
- ☐ Construction details for all bulkheads, rip-rap and other shoreline protection structures; **n/a**
- ☐ Intake and outfall structures **n/a**
- ☐ Boat Ramps **n/a**
- ☐ Channel or basin modifications (proposed dredging areas) **n/a**
- ☐ Other

- b. Vicinity Map **See Figures 1-3.**



## c. Plan View

The plan view should be prepared on 8 1/2" x 11" paper, and in a standard blue print size and format, and contain the locations of the following features, as applicable (Check all those which apply to the project and include these items on the plan view drawing):

- ☒ Property boundaries
- ☒ Shoreline
- ☒ Mean high and low water lines
- ☒ Direction of river flow/ebb and flow of tide
- ☐ Proposed channel
- ☐ Navigation Aids
- ☒ Piers, docks, pilings, bulkheads, moorings, anchorages, jetties, groins, breakwaters and other water-based structures
- ☒ Slips (Wet)
- ☐ Slips (Dry)
- ☐ Boat ramp(s)
- ☐ Buildings, other structures (identify each)
- ☐ Boat storage areas/facilities
- ☐ Boat maintenance area(s)
- ☐ Extent of roof coverage (e.g. over maintenance areas, boat storage areas, etc.)
- ☐ Roadways (identify surface, e.g. asphalt, gravel dirt, etc.)
- ☐ Parking areas (identify surface, e.g. asphalt, gravel, dirt, grass, etc.)
- ☐ Maintenance materials storage areas(s)
- ☐ Public telephone(s)
- ☐ Public restroom(s)
- ☐ Fish cleaning station(s)
- ☐ Life safety equipment station(s)
- ☐ Fuel dispensing pump(s) underground storage tank
- ☐ Septic tank
- ☐ Sewer connection/wastewater collection system
- ☐ Water supply well
- ☐ Portable fire extinguisher(s), fire hydrant(s)
- ☐ Spill containment equipment storage areas(s)
- ☐ Trash receptacle(s) waste oil - other waste receptacles
- ☐ Stormwater management facilities
- ☐ Compensation area for wetlands
- ☐ Other



**COASTAL & ESTUARINE RESEARCH, INC.**

Marine Studies Complex  
P.O. Box 674  
Lewes, Delaware 19958  
302-645-9610

March, 2025

**MINOR ALTERATION TO A SMALL MARINA:  
PELICAN COVE CONDOMINIUM MARINA**

**Applicant**

Pelican Cove Condominium  
c/o Daniel R. Langdon, Council Officer  
82 Downing Dr.  
Reading, PA 19610  
(610) 780-3989  
dlangdon@dekabatteries.com

**Project Location**

The proposed project is a minor alteration of Pelican Cove Marina, an existing small (7-slip) marina adjacent to Rehoboth Bay at 103 Vista Road, Dewey Beach, Sussex County, Delaware (Tax Map Parcel #334-20.18-102.00). See Figures 1, 2, and 3 for location maps, and Figure 4 for site location on USGS topographic map, Rehoboth Beach, Delaware quadrangle. The site is depicted on State of Delaware DNREC wetland map #018, 1988 photobase (Figure 5), and is mapped W (Water), adjacent to O (Uplands or non-tidal wetlands less than 400 acres

**Existing Structures**

The existing structure (authorized by SL-161/99), consists of a 94' long x 5' pier wide main pier; three (3) 2' wide x 20' long finger piers; one (1) 2' wide x 10' long finger pier; a 6.5' wide x 24' long walkway/dock; a 4' wide x 43' long walkway dock (both along the existing bulkhead); and seven (7) pilings. There are also two (2) boat slips present. The shoreline is stabilized by a bulkhead. Access steps extend from the bulkhead. See Figure 6 for aerial photograph of site, and Figure 7 for ground-level photograph.



### **Proposed Project**

The applicant proposes to remove the existing docking facilities (marina), and to construct the following (see Figures 8 and 9 for plan view and cross-sections, prepared by Precision Marine Construction, Inc.):

- A 145' long x 5' wide main pier.
  - Three (3) 4' wide x 20' long finger piers
  - One (1) 6' wide x 20' long dock
  - Seven (7) boat lifts
  
  - A 5' wide x 24' long walkway/dock adjacent to the bulkhead
  - A 5' wide x 43' long walkway/dock adjacent to the bulkhead
  - Access steps (4±' wide x 5±' long) from the bulkhead to the water
- 

Purpose of the project is to provide seven (7) boat slips (no increase in present number) for residents of Pelican Cove Condominium.

### **PERMIT APPLICATION REQUIREMENTS: APPLICABILITY**

The purpose of this report is to provide environmental information based on background research to document the suitability of the site for a minor alteration (addition of 1 slip) of an existing small (7-slip) marina, Pelican Cove Condominium marina. The format of this report follows the outline presented in the State of Delaware Marina Regulations (DNREC, 1993), Section II (Requirements for Siting and Designing New Marinas), Parts D (Environmental Siting Considerations) and E (Planning and Design Requirements), incorporating the modified requirements for a minor alteration of a small marina.

### **DATABASE**

A survey of existing published data on environmental conditions in the vicinity of the proposed project site was conducted to compile available information on water quality, shellfish resources, submerged aquatic vegetation (SAV), and recreational water use; see list of references at end of this report.

## D. ENVIRONMENTAL SITING CONSIDERATIONS

1. **Vessel Storage.** Since this application is for a minor alteration of a small marina, a justification for wet slip vessel storage is not required (see State of Delaware Marina Regulations, Section IV, Part B.A., page 36).

2. **Water Quality Assessment.** The existing marina is an “open marina” located along the shoreline of Rehoboth Bay. There are no man-made or natural barriers to restrict the exchange of water between ambient water of the Bay and the water within the marina area. Water quality assessment for the proposed project is based on the assumption that dissolved oxygen (DO) concentrations within the marina area will be essentially equivalent to those in the ambient water. Published data representative of site conditions in lieu of site-specific field measurements satisfy requirements for Water Quality Assessment (State of Delaware Marina Regulations, Section IV, Part B.A., page 36). Water quality data obtained from the Delaware Water Quality Portal for Station RWPMV (Tower Road Bayside), located in Rehoboth Bay approximately 1.2 miles south of the project site, is presented in **Attachment 1**. Readings taken in 2020 include *Enterococcus* (ENT); Dissolved oxygen (DO); water temperature (Temp), and Salinity (Sal). *Enterococcus* bacteria ranged from 5 to 311 cfu/100 ml. Excessive amounts increase the risk of gastrointestinal illness for people conducting water contact activities. **Dissolved oxygen** values ranged from 5.5 to 8.3 mg/l. When DO concentrations drop below 5.0 or 5.5 mg/l, many organisms such as fish become stressed. Some bottom-dwelling species are more tolerant of low DO, and can survive at levels down to 1.0 mg/l. **Water temperature** (taken in the summer months) ranged from 24.5 to 29°. (Lower temperatures occur in the winter months.) **Salinity**, ranging from 27.7 to 30.1 ppt, is brackish (mesohaline), with fresh water flow from tributary creeks entering Rehoboth Bay from the west, combining with saline waters of the Atlantic Ocean flowing in through Indian River Inlet. The Delaware Center for the Inland Bays (2021) reports that dissolved inorganic nitrogen concentrations in the open waters of Rehoboth Bay are at a “healthy level” of 0-0.07 mg/L, and that water clarity (Secchi disk depths of >3.3 feet) is indicative of very clear water.

3. **Cumulative Impacts.** The cumulative impact is anticipated to be minimal, since there will be no net increase in slips, nor the increase in the number of vessels using the marina.

4. **Wetlands.** The project site is depicted on State of Delaware DNREC wetland map #018, 1988 photobase (see Figure 5). The site is mapped “W” (Water), adjacent to O (Uplands or non-tidal wetlands less than 400 acres). There will be no impacts in DNREC-regulated wetlands



5. **Shellfish Resources.** The proposed project is located in Rehoboth Bay in area where harvesting of shellfish is prohibited (see **Attachment 2**, 2024 Delaware Fishing Guide).

6. **Submerged Aquatic Vegetation (SAV).** Two species of submerged aquatic vegetation (SAV), eelgrass (*Zostera marina*) and widgeon grass (*Ruppia maritima*), were thought to be abundant in Delaware's Inland Bays in the 1920's, but declined severely in the 1930's due to a pathogenic "wasting disease;" the subsequent decline and disappearance of SAV is attributed to increased nutrient and sediment loads from agricultural runoff and sewage discharge (Valdes, 1996). Orth and Moore (1988) concluded that no (naturally-occurring) SAV species had been observed in the bays since the early 1970's. The Delaware Center for the Inland Bays (2021) states that "eelgrass in the (Inland) Bays has remained nearly nonexistent since the mid-1980s" and that "widgeon grass beds have appeared in recent years in South Bethany's canals and in some areas of Little Assawoman Bay."

7. **Benthic Resources and Fish Populations.** Since the proposed project involves a minor alteration of a small marina, a benthic resources assessment need not be performed (DNREC Marina Regulations, 1993, Section IV, Part B1c, page 36).

8. **Critical Habitats.** The site is not within a Natural Area, per the DE Division of Parks and Recreation web site. The closest Natural Areas in the vicinity are Thompson Island (1 mile to the north), and Burton Island (5 miles to the south), both adjacent to Rehoboth Bay (see **Attachment 4**). The proposed project will have no impacts on either area.

9. **Recreational Water Use Areas.** The marina is located in Rehoboth Bay, a recreational waterway for boating, fishing, etc. Marina users can access Delaware Bay (via the Lewes and Rehoboth Canal and Roosevelt Inlet); Indian River Bay (via Massey's Ditch), and the Atlantic Ocean (via Indian River Inlet). Tributaries such as Love Creek, Herring Creek, Guinea Creek and other nearby waterways are all easily accessible from the project site.

10. **Mitigation Measures.** There will be no net loss of aquatic habitat productivity (no impacts in wetlands, SAV areas, nor shellfishing areas) resulting from the proposed project; therefore, no mitigation measures are proposed.

## **E. PLANNING AND DESIGN REQUIREMENTS**

1. **Marina Flushing.** Pelican Cove Condominium marina is an “open marina” located in Rehoboth Bay. There are no man-made or natural barriers to restrict the exchange of water between ambient water of the Bay and water within the marina. Thus, the proposed project is not anticipated to significantly affect present flushing rates. Flushing characteristics in the Inland Bays are controlled by a number of factors, including temperature and salinity gradients, winds, currents, tidal amplitude, and freshwater inflow (DNREC, 1990, State of Delaware Marina Guidebook). It has been estimated that it takes approximately 90 days for the Inland Bays system to be completely recharged (Falk and others, 1999). The Delaware Center for the Inland Bays (2016) noted that changes in Indian River Inlet, specifically deepening over time, have increased flushing, since there are now greater volumes of water passing through the inlet; it is estimated that the volume of tidal flushing continued to increase by 11-24% from 1988 to 2004, which has continued to benefit water quality in the bays. The trend of increasing water volume flowing through the inlet has continued through 2020, as depicted in **Attachment 4** (Delaware Center for the Inland Bays, 2021).
2. **Dredging and Dredged Material Disposal.** The proposed project involves no dredging and no dredged material disposal. Existing mean low water (MLW) depths at the proposed project site are adequate for the types of vessels to be moored at the marina (see Figure 8).
3. **Shoreline Protection Structures.** There is a bulkhead along the shoreline; no new shoreline protection structures are proposed.
4. **Navigation and Access Channels.** The marina structure is approximately 5,000' from the edge of the Rehoboth Bay main navigational channel at the southern end of the Lewes and Rehoboth Canal (see **Attachment 4**), and will not interfere with navigation. The marina provides safe and easy access to Rehoboth Bay and adjacent waterways.
5. **Vessel Traffic and Navigation.** The marina is located in Rehoboth Bay, a popular waterway for boating. The proposed project will not result in an increase in slips, nor the number of vessels using the marina. Therefore, the proposed marina alteration will not contribute to additional vessel traffic. Channel markers are present in Rehoboth Bay to guide boaters northward to the Lewes and Rehoboth Canal, and southward towards Indian River Bay and Indian River Inlet.
6. **Water Supply.** The site is connected to the Dewey Beach water system.



7. **Wastewater Facilities.** The site is connected to the Dewey Beach sewer system. Marina users will use their condo bathroom facilities. Boats with holding tanks are advised to use public sewage pump-out facilities. The closest facility is located at the Indian River Marina, 39415 Inlet Road, Rehoboth Beach, DE 19971, (302) 227-3071.

8. **Parking.** There are 13 parking spaces for condo owners. Marina users can walk from their units to the marina.

9. **Stormwater Management.** The land area surrounding the marina consists of sand and grassy uplands. Soils are permeable, allowing for stormwater to be absorbed with minimal flooding/ponding. The grasses on the ground surface serve as vegetated buffers, which will help filter upland runoff and trap sediment and nutrients.

10. **Solid Waste Management.** One trash container and four recycling bins are provided. Discharge of waste materials into the waterway is strictly prohibited.

11. **Vessel Maintenance Areas and Activities.** Maintenance of boats or boat systems on the marina premises will be held to a minimum, and generally limited to routine boat cleaning. Cleaning agents should be diluted to the minimum strength necessary for the job. Non-phosphate detergents and the least toxic cleaning agents available for a particular job should be used. Recycle and reuse cleaning agents whenever possible. Perform minor maintenance on outgoing tides. Minor routine maintenance, such as boat washing, polishing, etc., should be performed while the boat is stored on land. Major repairs (including, but not limited to, engine overhauls; scraping; power washing; sanding and sand-blasting; and painting) are prohibited. These activities shall be conducted off-site. The marina has no marina employees, nor provides any maintenance or repairs. All marina patrons are responsible for proper disposal of waste oil and gas. Waste oil and gas must never be disposed of into the water or dumped onto the ground. All waste oil or gas must be collected in leak-proof containers for transport to disposal or recycling centers.

12. **Fuel Storage and Delivery Services.** There are no fueling facilities in the marina. Gasoline (except for emergencies) is not permitted in the area of the dock except in the on-board tanks intended for that purpose. Marina users can purchase fuel at nearby marinas, or can bring approved portable tanks on board. When fuel is carried on board, it should be done so in an approved container or portable tank, and should be safely stowed. Under no circumstances shall gasoline be carried in glass containers. Oil is not to be brought into the marina area in containers larger than one (1) quart.

**13. Fire Protection Systems.** The marina is served by the Rehoboth Beach Volunteer Fire Company, which can be reached at **911** (emergency calls) or (302) 227-8402. Fire extinguishers are aboard all vessels in the marina

**14. Life Safety Equipment.** All boats in the marina must be equipped with safety equipment required by U.S. Coast Guard regulations and federal, state, and local laws. The US Coast Guard requires children under the age of 13 on moving boats to wear a US Coast Guard approved life jacket that fits properly.

**15. Fish Wastes.** There is no fish cleaning station at the marina. However, cleaning of fish at the west end of the pier is permitted, providing fish heads and carcasses are not discarded directly into the bay. They may, however, be utilized by crabbers. Marina users are informed of the Delaware Regulations pertaining to disposal of fish wastes (see **Attachment 5**).

**16. Marina Structures.** Dimensions of the marina structures will be in compliance with DNREC WSLs guidelines. Materials consist of salt-treated wood and galvanized hardware, with aluminum/steel lifts.



## **REFERENCES CITED**

- Delaware Center for the Inland Bays. 2016 State of the Delaware Inland Bays. 70 p.
- Delaware Center for the Inland Bays. State of the Delaware Inland Bays. 2021. 104 p.
- DNREC, 1993. State of Delaware Marina Regulations (Adopted March 29, 1990; Amended February 22, 1993). DNREC, Dover, DE, 43 p.
- DNREC Water Quality Portal, 2024. Data available at <http://demac.udel.edu/waterquality/>
- DNREC, 2024 Delaware Fishing Guide.
- Falk, J., J. Poling, A. Graefe, and B. Anderson, 1999. Comprehensive Water-Use Plan for Delaware's Inland Bays. Report prepared for the Center for the Inland Bays; University of Delaware Sea Grant College Program, Newark, DE, 81 p.
- Orth, R. J., and K. A. Moore, 1988. Submerged aquatic vegetation in Delaware's Inland Bays, in Academy of Natural Sci., Phytoplankton, Nutrients, Macroalgae, and Submerged Aquatic Vegetation in Delaware's Inland Bays, Philadelphia, PA.
- Valdes, L., 1996. The current status of the Delaware Inland Bays with respect to water quality and the habitat requirements of submerged aquatic vegetation, commonly called SAV. Why the increased abundance of nuisance algae this summer? Unpublished paper presented at Inland Bays STAC meeting, 1996.

Station Information

Station Id: RWPMV

Period of Record: May 10, 2017 - Sep 14, 2020

View Historical Data

Basin: Inland Bays ☒

Download Station Data (csv)

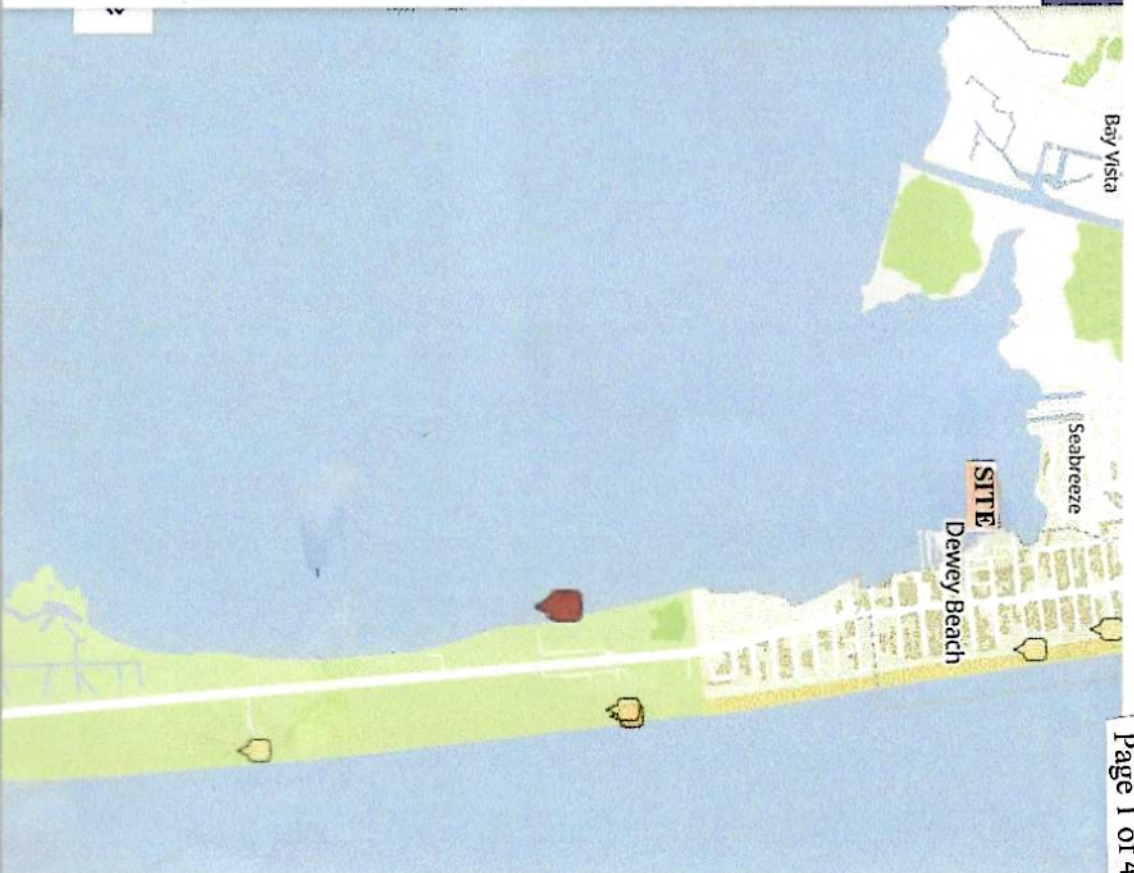
Watershed: Rehoboth Bay ☒

Zoom to Station

Download Station Metadata

Latest Water Quality Samples

Parameter	Value	Result Type	Date



**Attachment 1.** Water quality data obtained from the Delaware Water Quality Portal for Station RWPMV (Tower Road Bayside), located in Rehoboth Bay approximately 1.2 miles south of the project site.



## Historic Data



Graphs

Data Table

Monthly Averages

Date	ENT	DO	Temp	Sal
2020-09-14	73	5.6	24.5	28
2020-07-20	173	5.5	29	27.8
2020-06-30	52	5.9	26.5	28.9
2020-09-02	5	--	--	--
2020-07-07	--	5.7	26.3	30.1
2020-08-03	265	5.5	27.7	29.7
2020-07-29	311	--	--	--
2020-08-31	10	8.3	25	27.7

[About Parameters ?](#)

**Attachment 1.** Water quality data obtained from the Delaware Water Quality Portal for Station RWPMTV (Tower Road Bayside), located in Rehoboth Bay approximately 1.2 miles south of the project site.

Historic Data

o<sub>2</sub> Graphs

Data Table

Monthly Averages

Choose Parameter

Dissolved Oxygen

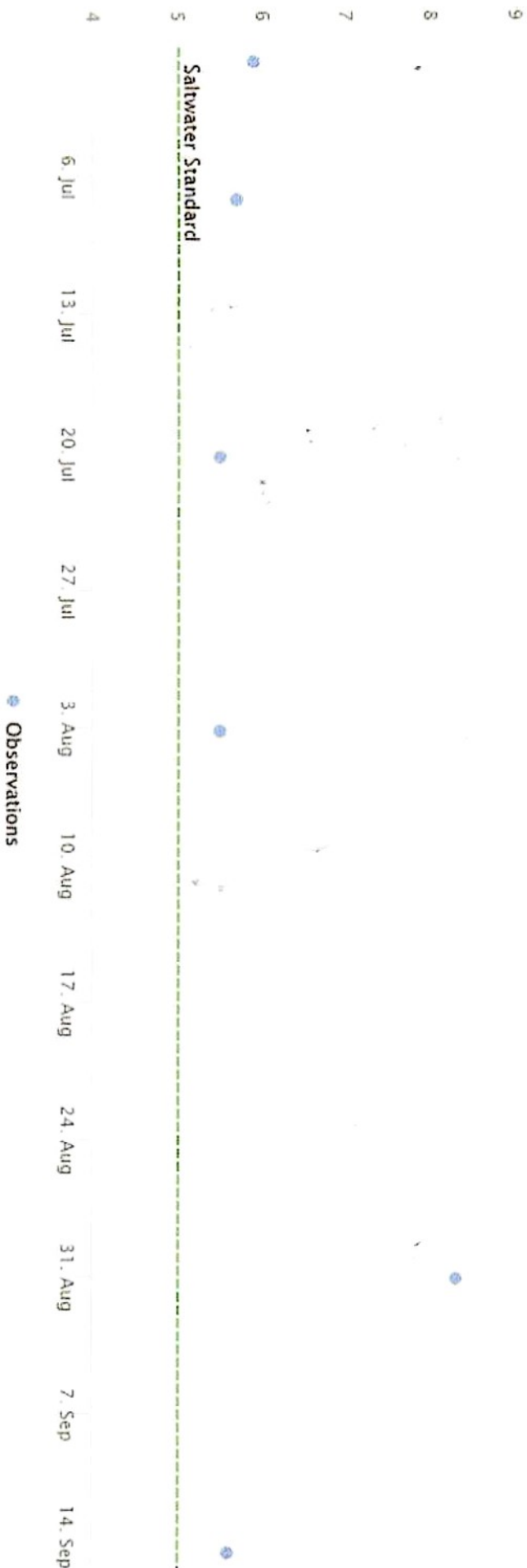
About Parameters ?

Historical Range

5.45 mg/l - 8.3 mg/l

Dissolved Oxygen

Tower Road Bayside, Station ID: RWPMV



DNREC Surface Water Quality Monitoring Program

**Attachment 1.** Water quality data obtained from the Delaware Water Quality Portal for Station RWPMV (Tower Road Bayside), located in Rehoboth Bay approximately 1.2 miles south of the project site.



Historic Data

Graphs

Data Table

Monthly Averages

Choose Parameter

Enterococcus

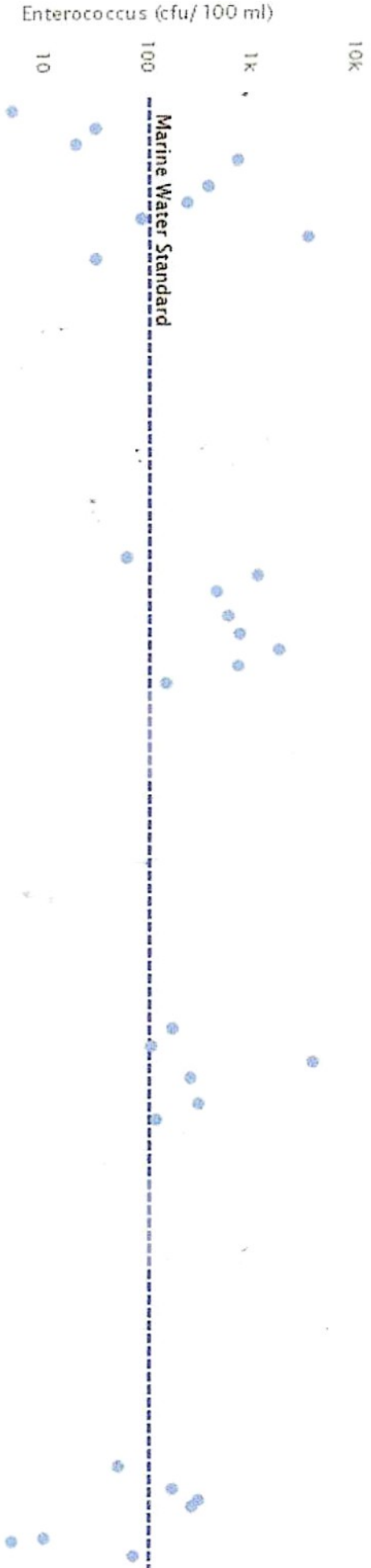
About Parameters ⓘ

Historical Range

5 cfu/100 ml - 3873 cfu/100 ml

Enterococcus

Tower Road Bayside, Station ID: RWPMV



Observations

DNREC Surface Water Quality Monitoring Program

**Attachment 1.** Water quality data obtained from the Delaware Water Quality Portal for Station RWPMV (Tower Road Bayside), located in Rehoboth Bay approximately 1.2 miles south of the project site.

**Shellfish Harvest Area Classification**

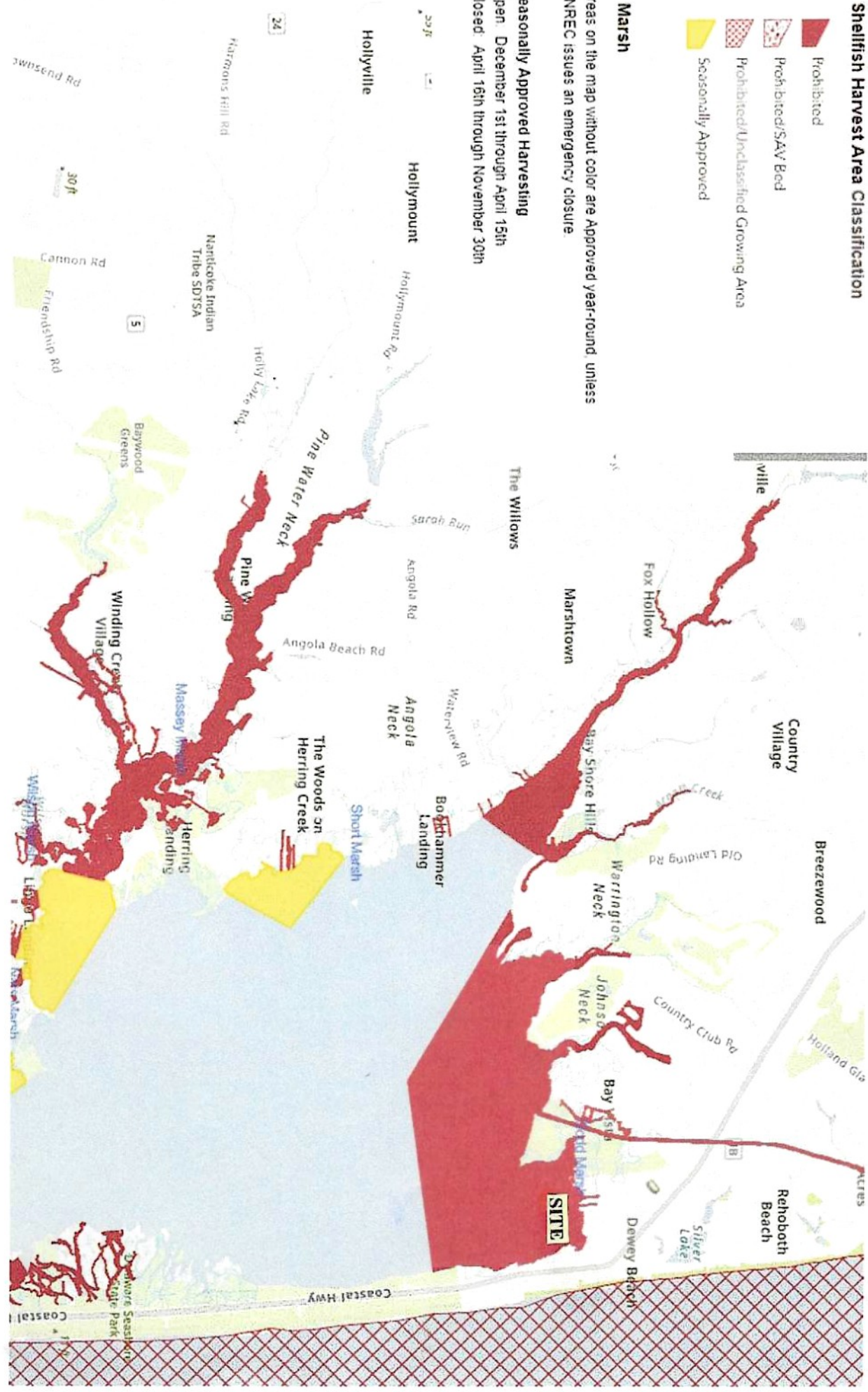
- Prohibited
- Prohibited/SAV Bed
- Prohibited/Unclassified Growing Area
- Seasonally Approved

**Marsh**

Areas on the map without color are Approved year-round, unless DNREC issues an emergency closure

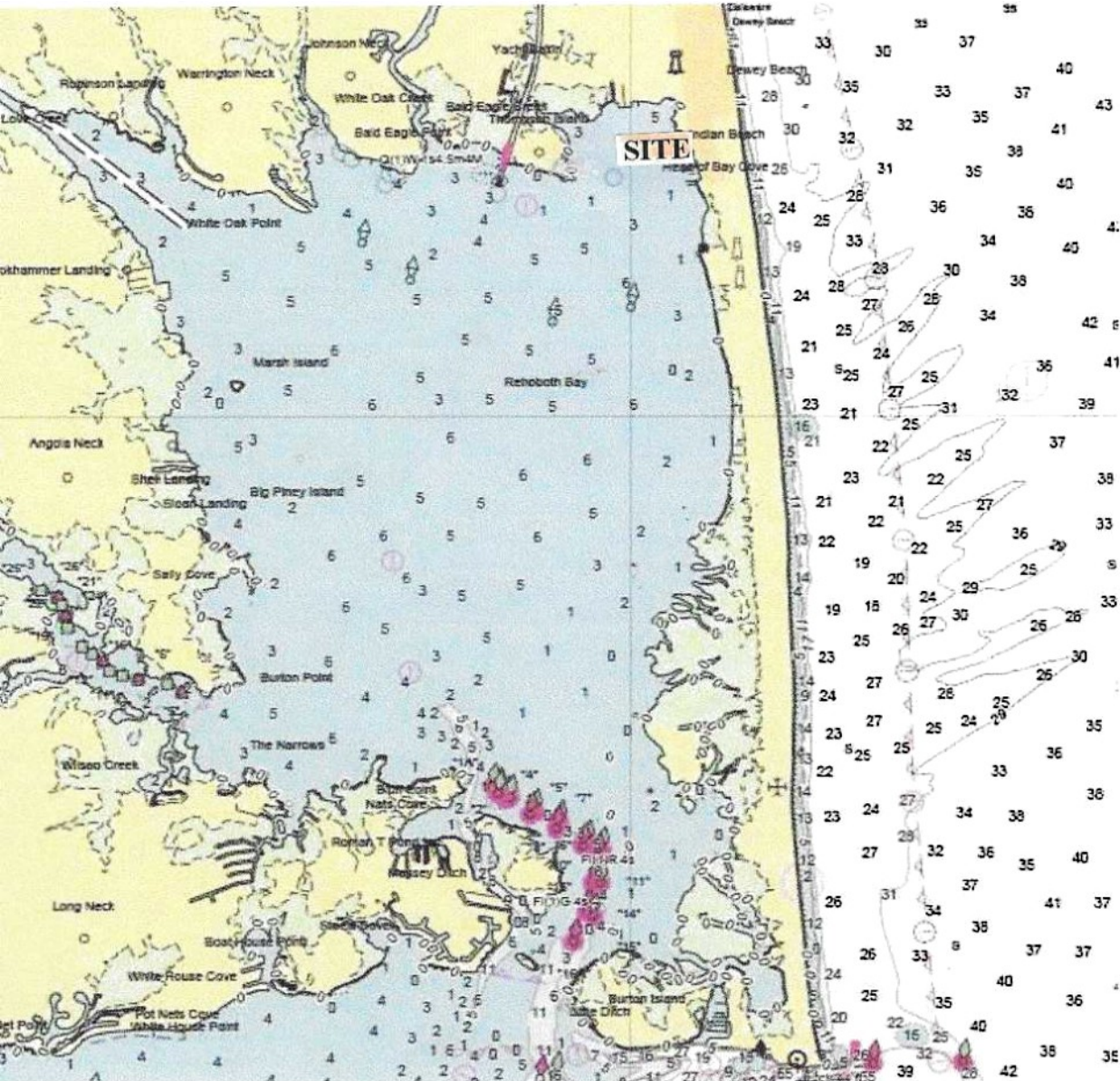
**Seasonally Approved Harvesting**

Open: December 1st through April 15th  
Closed: April 15th through November 30th



**Attachment 2.** Site location on 2024 Delaware Fishing Guide. The proposed project is located in Rehoboth Bay in area where harvesting of shellfish is prohibited.

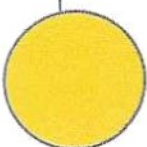




**Attachment 3.** NOAA chart showing marina location relative to the Rehoboth Bay main navigational channel at the southern end of the Lewes and Rehoboth Canal (5,000'±).



## INDIAN RIVER INLET TIDAL FLUSHING



FAIR



NO TREND

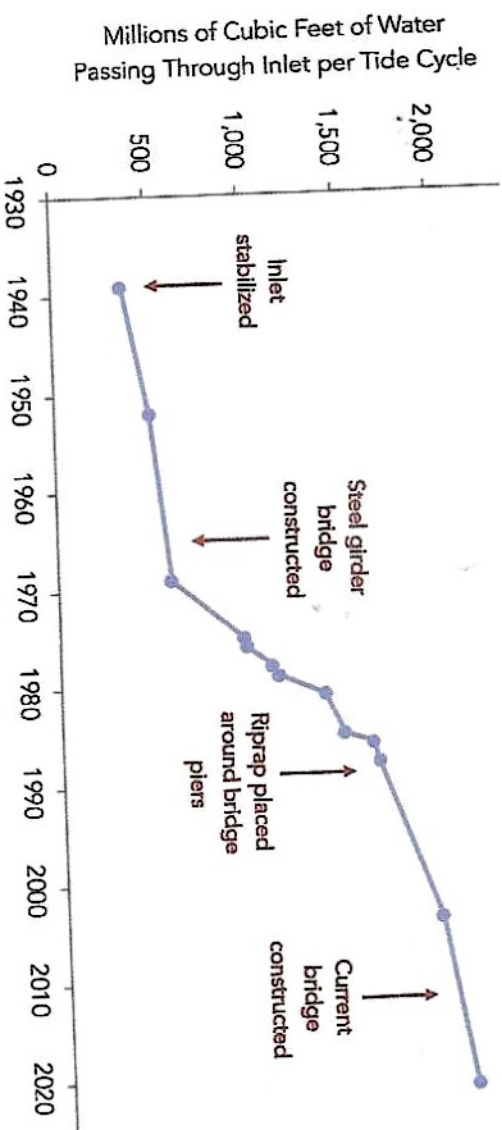
Before it was stabilized by rock jetties in the late 1930s, the inlet to Indian River Bay was shallow, and storms caused the opening to move along a two-mile stretch of coastline. Since then, the inlet has grown significantly deeper over time from scouring, with increasing volumes of water passing between the ocean and the Bay with the tides.

degradation of marshes. However, increased flushing also helps remove and dilute nutrient pollution, leading to the improved water quality that has been observed in open areas of the Bays that are most influenced by the tide.

### LONG-TERM TREND

In the late 1960s, the increase in tidal flushing accelerated, such that 20 years later the amount of water passing during one tide cycle had increased by more than four times.

**CHANGE SINCE PREVIOUS REPORT**  
The cable-stayed bridge that currently spans the inlet, constructed in 2012, removed the piers that contributed to scouring. Measurements and modeling now show that inlet depth and the increase in tidal flushing volume have slowed significantly. Future sea-level rise, however, will continue to bring high water levels to the Bays, impacting flooding and salt marsh health.



**Attachment 4.** Indian River Inlet tidal flushing in (Delaware Center for the Inland Bays, 2021).

The trend of increasing water volume flowing through the inlet has continued through 2020.



## State of Delaware Fish Waste Policy

### FISH WASTE MANAGEMENT POLICY (No. 90-01)

#### Purpose

The purpose of this policy is to encourage the recycling of fish wastes back into the natural ecosystem in a manner that will not degrade water quality or cause other adverse environmental impacts. Any fish wastes which are recycled back into the ecosystem in accordance with the guidelines established below shall not be considered to be a discharge requiring a permit from the Department.

#### Background

Because of the potential for fish wastes which are improperly managed to cause dissolved oxygen depressions and other adverse environmental effects, as well as odors and nuisances, the Department of Natural Resources and Environmental control has developed a policy regarding their management.

#### Applicability

The policy will be implemented in both fresh and tidal waters and will apply to:

- All private individuals who harvest fish or shellfish for recreational purposes, or for private use or consumption;
- Commercial fishermen;
- Head and charter boat owners and operators;
- Bait Concessions

#### Authority

The Department's Marina Regulations state that fish wastes must be disposed of in accordance with 7 Delaware Code, Chapter 60. Fish wastes (carcasses, entrails, scales, etc.) are included in the definition of "solid waste" and are a "pollutant" as defined in Chapter 60. In accordance with 56003, a permit is required to discharge these wastes into any surface or ground water. However, the purpose of this policy as stated above, is to allow fish wastes to be recycled back into the ecosystem without a permit from the Department as long as the guidelines established below are adhered to. Those who do not follow established guidelines will be subject to fines and penalties as provided in 7 Del. C. §6005 and/or §6013.

#### Guidelines

In order to implement this policy in a manner consistent with the purpose stated above, the following guidelines are hereby established:

1. In order to prevent violations of the Delaware Surface Water Quality Standards, fish wastes should not be discharged into surface waters in any dead end lagoons or other poorly flushed locations. A dead end lagoon shall mean an enclosed embayment with only one opening. A recommended best management practice is to discharge on outgoing tides.
2. Fish wastes should be recycled back into the ecosystem from which the organisms were originally harvested.

3. Collected fish wastes should be handled in such a manner so as not to introduce other contaminants into the waste prior to recycling back into the ecosystem.

4. Fish should be cleaned and uncontaminated fish wastes disposed of at sea whenever practicable.

5. Fish waste recycling within marina basins shall only be allowed if in accordance with an Operations and Maintenance Plan which has been approved by the Department.

Marinas shall not provide fish cleaning stations unless the activity has been included in the Operations and Maintenance Plan. Marinas which are not approved for fish waste recycling shall post signs warning fisherman that it is unlawful to dispose of fish wastes into the water at that location. The Department will consider the flushing characteristics of the marina basin when determining whether or not to approve fish recycling at that location.

6. Fish wastes should not be recycled into surface waters in such a way that they will wash up onto any shoreline, or cause odors or other nuisances.

7. Oyster shells may be discharged into the waters of the State in accordance with Shellfish Management Programs, 7 Del. Code Chapter 19-12.



Figure 2.



2

