

ATTACHMENT P1

OLDER CT NDDDB CONSULTATION MATERIALS

(SEE ATTACHMENT C, ABOVE, FOR ADDITIONAL DETAIL)



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: No fee required

Program: Natural Diversity Database
Endangered Species

Hardcopy _____ Electronic _____

Request for Natural Diversity Data Base (NDDB) State Listed Species Review

Please complete this form in accordance with the [instructions](#) (DEEP-INST-007) to ensure proper handling of your request.

There are no fees associated with NDDB Reviews.

Part I: Preliminary Screening & Request Type

Before submitting this request, you must review the most current Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the [DEEP website](#). These maps are updated twice a year, usually in June and December.

Does your site, including all affected areas, fall in an NDDB Area according to the map instructions:

Yes No **Enter the date** of the map reviewed for pre-screening: December 2018

This form is being submitted for a :

- New NDDB request
- Renewal/Extension of a NDDB Request, **without modifications and within two years of issued NDDB determination** (no attachments required)

[CPPU Use Only - NDDB-Listed Species Determination # 1736]

- New **Safe Harbor Determination** (optional) must be associated with an application for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities
- Renewal/Extension of an existing Safe Harbor Determination
 - With modifications
 - Without modifications (no attachments required)

[CPPU Use Only - NDDB-Safe Harbor Determination # 1736]

Enter NDDB Determination Number for Renewal/Extension:

Enter Safe Harbor Determination Number for Renewal/Extension:

Part II: Requester Information

*If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the name shall be stated **exactly** as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at the Secretary of the State's database CONCORD. (www.concord-sots.ct.gov/CONCORD/index.jsp)*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

If there are any changes or corrections to your company/facility or individual mailing or billing address or contact information, please complete and submit the [Request to Change company/Individual Information](#) to the address indicated on the form.

1. Requester*

Company Name: **Connecticut Port Authority**

Contact Name: **Evan H. Matthews, Executive Director**

Address: **455 Boston Post Road, Suite 204**

City/Town: **Old Saybrook**

State: **CT**

Zip Code: **06475**

Business Phone: **860-577-5174**

ext.

E-mail: **evan.matthews@ct.gov

**By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes

a) Requester can best be described as:

Individual Federal Agency State agency Municipality Tribal

business entity (if a business entity complete i through iii):

i) Check type corporation limited liability company limited partnership

limited liability partnership statutory trust Other:

ii) Provide Secretary of the State Business ID #: This information can be accessed at the Secretary of the State's database (CONCORD). (www.concord-sots.ct.gov/CONCORD/index.jsp)

iii) Check here if your business is **NOT** registered with the Secretary of State's office.

b) Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant

Biologist Pesticide Applicator Other representative:

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company Name: **Martinez Couch & Associates, LLC**

Contact Person: **Richard E. Couch**

Title: **LLC Member**

Mailing Address: **1084 Cromwell Avenue**

City/Town: **Rocky Hill**

State: **CT**

Zip Code: **06067**

Business Phone: **(860) 436-4364**

ext.

E-mail: **couchre@martinezcouch.com

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

| | | | | | | | | | | | | |
|--|---|---|---------------------------------------|--|--|---|---|---|--|--|---|--|
| <p>1. SITE NAME AND LOCATION</p> <p>Site Name or Project Name: State Pier, New London</p> <p>Town(s): New London</p> <p>Street Address or Location Description: 200 State Pier Road, New London</p> <p>Size in acres, or site dimensions: 50+/- AC.</p> <p>Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):</p> <p>Latitude: 41.359373 Longitude: -72.09174</p> <p>Method of coordinate determination (check one):</p> <p><input type="checkbox"/> GPS <input type="checkbox"/> Photo interpolation using CTECO map viewer <input checked="" type="checkbox"/> Other (specify): Google Maps</p> <p>2a. Describe the current land use and land cover of the site.</p> <p>The State Pier Facility is currently used primarily for the storage and distribution of lumber, steel products and other neo-bulk products arriving by ship and rail and redistributed by truck. The storage areas have varied surfaces comprised of pavement, packed dirt and gravel. The facility incorporates six primary structures consisting of warehouses, maintenance shops, an administration building and other supporting structures.</p> <p>b. Check all that apply and enter the size in acres or % of area in the space after each checked category.</p> <table><tr><td><input checked="" type="checkbox"/> Industrial/Commercial _____</td><td><input type="checkbox"/> Residential _____</td><td><input type="checkbox"/> Forest _____</td></tr><tr><td><input type="checkbox"/> Wetland _____</td><td><input type="checkbox"/> Field/grassland _____</td><td><input type="checkbox"/> Agricultural _____</td></tr><tr><td><input checked="" type="checkbox"/> Water _____</td><td><input type="checkbox"/> Utility Right-of-way _____</td><td></td></tr><tr><td><input type="checkbox"/> Transportation Right-of-way _____</td><td><input type="checkbox"/> Other (specify): _____</td><td></td></tr></table> | <input checked="" type="checkbox"/> Industrial/Commercial _____ | <input type="checkbox"/> Residential _____ | <input type="checkbox"/> Forest _____ | <input type="checkbox"/> Wetland _____ | <input type="checkbox"/> Field/grassland _____ | <input type="checkbox"/> Agricultural _____ | <input checked="" type="checkbox"/> Water _____ | <input type="checkbox"/> Utility Right-of-way _____ | | <input type="checkbox"/> Transportation Right-of-way _____ | <input type="checkbox"/> Other (specify): _____ | |
| <input checked="" type="checkbox"/> Industrial/Commercial _____ | <input type="checkbox"/> Residential _____ | <input type="checkbox"/> Forest _____ | | | | | | | | | | |
| <input type="checkbox"/> Wetland _____ | <input type="checkbox"/> Field/grassland _____ | <input type="checkbox"/> Agricultural _____ | | | | | | | | | | |
| <input checked="" type="checkbox"/> Water _____ | <input type="checkbox"/> Utility Right-of-way _____ | | | | | | | | | | | |
| <input type="checkbox"/> Transportation Right-of-way _____ | <input type="checkbox"/> Other (specify): _____ | | | | | | | | | | | |

Part IV: Project Information

| |
|--|
| <p>1. PROJECT TYPE:</p> <p>Choose Project Type: Dock/Pier, Seawall, Bulkhead construction/Maint. , If other describe: _____</p> |
| <p>2. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.</p> |

Part IV: Project Information (continued)

3. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used. Include a description of steps that will be taken to minimize impacts to any known listed species.
 1. Demolition of various upland site buildings and structures (68,000 sf.+/-). Installation of the storm water retention and treatment system. Leveling and installation of the gravel surface on uplands. Site utilities upgrade (water, electrical, fire suppression). Upland disturbance area approximately 25 ac.+/-
 2. Demolition of the northeast Annex (6,300 sf.+/-). Demolition of the concrete deck supported by timber piles. Structure is currently rated in poor condition.
 3. Installation of the heavy lift capable bulkhead. Driving of steel sheet pile wall (600 lf. +/-). Over sheeting directly in front of existing bulkhead. Installation of fill at northwest Annex site behind new bulkhead.
 4. Maintenance dredge of inbound vessel berthing pocket Dredge for inbound vessel draft (6,000 c.y +/-).
 5. Demolition of four (4) existing berthing dolphins to below mudline. Structures currently not in use and rated in poor condition.
 6. Installation of rip rap slope. Stabilization of the existing concrete / granite block wall. Placement of Rip Rap. Bottom horizontal run off of wall is +/- 30 ft (600 lf., 4,100 cy., 7200 SF bottom coverage)
 7. Demolition of the western face of CVRR Pier (1,000 lf.+/-). Removing semi stable vertical granite block wall to facilitate placement of armored slope. Sloping and installation of armor stone on the western side of CVRR Pier (54,000 cy.+/-). Replaces the vertical granite block wall and acts to stabilize the fill inside the existing CVRR Pier.
 8. Raising of CVRR Pier elevation from +5' to +9'. Installation of the fill on the top of the existing CVRR pier (13,500 cy. +/-).
 9. Maintenance dredge of installation vessel berthing pocket. Dredge to facilitate the berthing of the installation vessel (16,300 cy.+/-).
 10. Seabed preparation for installation of vessel jack-up legs (12,000 sf.+/- & 3,000 cy. +/-). Dredge of (2) two +/- 30 ft wide x 200 ft long strips adjacent to berth. These pockets are then filled with crushed gravel. This is to facilitate good bearing area for the installation vessel jack up legs.
 11. Demolition of SW corner of State Pier (3,500 sf.+/-) and demolition of SE corner CVRR Pier (4,000 sf.+/-). This required to facilitate the installation of the steel cellular cofferdams. Installation of cellular cofferdam cells between State Pier and CVRR Pier. +/- 50 ft diameter cells to retain fill on southern end of CVRR/State piers (300 lf.+/-). Installation of fill between State and CVRR Piers (7ac.+/- & 385,000 cy +/- fill). A half of the fill will come from the uplands site leveling area. Installation of ground improvement between State and CVRR Piers. Installation stone columns inside the newly placed fill footprint Due to existing weak silty/organic soil layer at this location. 3 ft diameter holes drilled into fill once it reaches elevation above MHHW. Stone is then dumped into the holes and compacted. This is all within footprint of the newly placed fill. (20% coverage of fill area.)

Peregrine Falcon (*Falco peregrinus*), threatened Species, are known nesting on the Gold Star Bridge. Protection during construction: the proposed construction activities will be completed during nesting season including months (April – June). An ornithologist (bird expert) will be engaged to evaluate and prepare a protection plan for the birds. All work on this project will maintain a minimum buffer of 600' from the nest. If a nest is identified by workers all work will be stopped immediately and this information will be reported to the CT DEEP NDDB program for further assistance and guidance to complete the work safely.

In an effort to minimize disturbance to fish habitat from the proposed in-water construction, the following mitigation actions will be implemented:

1. The Contractor will maintain records and will monitor turbidity levels during in-water work and, where appropriate, adjust the turbidity levels.
2. The Contractor will employ floating silt curtains to help minimize the reach of turbidity outside the work area.

4. If this is a renewal or extension of an existing Safe Harbor request *with* modifications, explain what about the project has changed.

N/A

5. Provide a contact for questions about the project details if different from Part II primary contact.

Name: **Michael Garbolski, P.E.**

Phone: **860-263-5821**

E-mail: **michael.garbolski@aecom.com**

Part V: Request Requirements and Associated Application Types

Check *one* box from either Group 1, Group 2 *or* Group 3, indicating the appropriate category for this request.

| |
|---|
| <p>Group 1. If you check one of these boxes, complete Parts I – VII of this form and submit the required attachments A and B.</p> <p><input type="checkbox"/> Preliminary screening was negative but an NDDB review is still requested</p> <p><input type="checkbox"/> Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)</p> <p><input checked="" type="checkbox"/> Request regards a preliminary site assessment or project feasibility study</p> <p><input type="checkbox"/> Request relates to land acquisition or protection</p> <p><input type="checkbox"/> Request is associated with a <i>renewal</i> of an existing permit or authorization, with no modifications</p> |
| <p>Group 2. If you check one of these boxes, complete Parts I – VII of this form and submit required attachments A, B, and C.</p> <p><input checked="" type="checkbox"/> Request is associated with a <i>new</i> state or federal permit or authorization application or registration</p> <p><input type="checkbox"/> Request is associated with modification of an existing permit or other authorization</p> <p><input type="checkbox"/> Request is associated with a permit enforcement action</p> <p><input checked="" type="checkbox"/> Request regards site management or planning, requiring detailed species recommendations</p> <p><input checked="" type="checkbox"/> Request regards a state funded project, state agency activity, or CEPA request</p> |
| <p><input type="checkbox"/> Group 3. If you are requesting a Safe Harbor Determination, complete Parts I-VII and submit required attachments A, B, and D. Safe Harbor determinations can only be requested if you are applying for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities</p> |
| <p>If you are filing this request as part of a state or federal permit application(s) enter the application information below.</p> <p>Permitting Agency and Application Name(s): _____</p> <p>Related State DEEP Permit Number(s), if applicable: <u>CT DEEP and ACOE, Applications to be determined</u></p> <p>State DEEP Enforcement Action Number, if applicable: _____</p> <p>State DEEP Permit Analyst(s)/Engineer(s), if known: <u>Micheal Grzywinski</u></p> |
| <p>Is this request related to a previously submitted NDDB request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, provide the previous NDDB Determination Number(s), if known: <u>201710380</u></p> |

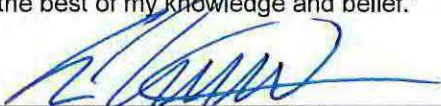
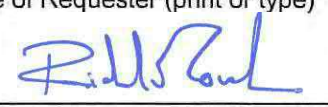
Part VI: Supporting Documents

Check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all new requests and Safe Harbor renewals/extensions with modifications.** Renewals/Extensions with no modifications do not need to submit any attachments. Attachments C and D are supplied at the end of this form.

| | |
|---|---|
| <input checked="" type="checkbox"/> Attachment A: | Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site. |
| <input checked="" type="checkbox"/> Attachment B: | Detailed Site Map: fine scaled map showing site boundary and area of work details on aerial imagery with relevant landmarks labeled. (Site and work boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document) |
| <input type="checkbox"/> Attachment C: | Supplemental Information, Group 2 requirement (attached, DEEP-APP-007C) <input checked="" type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input checked="" type="checkbox"/> Section ii: Supplemental Project Information and supporting documents |
| <input type="checkbox"/> Attachment D: | Safe Harbor Report Requirements, Group 3 (attached, DEEP-APP-007D) |

Part VII: Requester Certification

The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

| | |
|---|--|
| "I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief." | |
|  Signature of Requester (a typed name will substitute for a handwritten signature) | 1/29/2019 Date |
| Evan H. Matthews Name of Requester (print or type) | Executive Director Title (if applicable) |
|  Signature of Preparer (if different than above) | 01/18/19 Date |
| Richard E. Couch Name of Preparer (print or type) | LLC Memeber Title (if applicable) |

Note: Please submit the completed Request Form and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: deep.nddbrequest@ct.gov

Attachment C: Supplemental Information, Group 2 requirement

Section i: Supplemental Site Information

1. Existing Conditions

Describe all natural and man-made features including wetlands, watercourses, fish and wildlife habitat, floodplains and any existing structures potentially affected by the subject activity. Such features should be depicted and labeled on the site plan that must be submitted. Photographs of current site conditions may be helpful to reviewers.

- Site Photographs (optional) attached**
- Site Plan/sketch of existing conditions attached**

2. Biological Surveys

Has a biologist visited the site and conducted a biological survey to determine the presence of any endangered, threatened or special concern species Yes No

If yes, complete the following questions and submit any reports of biological surveys, documentation of the biologist's qualifications, and any NDDB survey forms.

Biologist(s) name: _____

Habitat and/or species targeted by survey: _____

Dates when surveys were conducted: _____

- Reports of biological surveys attached**
- Documentation of biologist's qualifications attached**
- [NDDB Survey forms](#) for any listed species observations attached**

Section ii: Supplemental Project Information

1. Provide a schedule for all phases of the project including the year, the month and/or season that the proposed activity will be initiated and the duration of the activity.

**Construction of Upland areas: anticipated start date, 03/15/2020 and anticipated finish date, 06/15/2020.
Construction of Waterfront work: anticipated start date, 05/01/2021 and anticipated finish date, 06/01/2022.**

2. Describe and quantify the proposed changes to existing conditions and describe any on-site or off-site impacts. In addition, provide an annotated site plan detailing the areas of impact and proposed changes to existing conditions.

See Figure 1: Existing Site Overview of the State Pier and Figure 2: Proposed Improvements to the State Pier attached.

- Annotated Site Plan attached**

Attachment D: Safe Harbor Report Requirements

Submit a report, as Attachment D, that synthesizes and analyzes the information listed below. Those providing synthesis and analysis need appropriate qualifications and experience. A request for a safe harbor determination shall include:

- 1. Habitat Description and Map(s), including GIS mapping overlays, of a scale appropriate for the site, identifying:**
 - wetlands, including wetland cover types;
 - plant community types;
 - topography;
 - soils;
 - bedrock geology;
 - floodplains, if any;
 - land use history; and
 - water quality classifications/criteria.
- 2. Photographs** - The report should include photographs of the site taken from the ground and also all reasonably available aerial or satellite photographs and an analysis of such photographs.
- 3. Inspection** - A visual inspection(s) of the site should be conducted, preferably when the ground is visible, and described in the report. This inspection can be helpful in confirming or further evaluating the items noted above.
- 4. Biological Surveys** - The report should include all biological surveys of the site where construction activity will take place that are reasonably available to a registrant. A registrant shall notify the Department's Wildlife Division of biological studies of the site where construction activity will take place that a registrant is aware of but are not reasonably available to the registrant.
- 5. Based on items #1 through 4 above, the report shall include a Natural Resources Inventory of the site of the construction activity.** This inventory should also include a review of reasonably available scientific literature and any recommendations for minimizing adverse impacts from the proposed construction activity on listed species or their associated habitat.
- 6. In addition, to the extent the following is available at the time a safe harbor determination is requested, a request for a safe harbor determination shall include and assess:**
 - Information on Site Disturbance Estimates/Site Alteration information
 - Vehicular Use
 - Construction Activity Phasing Schedules, if any; and
 - Alteration of Drainage Patterns

SUPPORTING DOCUMENTS

- NATURAL DIVERSITY DATA BASE AREAS, NEW LONDON, CT. DECEMBER 2018.
- PREVIOUS COMMUNICATION WITH NDDDB, DECEMBER 8.2017.
- STATE PIER, NEW LONDON, CT LOCUS MAP.
- FIGURE 1: EXISTING SITE OVERVIEW OF THE STATE PIER.
- FIGURE 2: PROPOSED IMPROVEMENTS TO THE STATE PIER.
- PROJECT SITE, NEW LONDON CT. PROPOSED DEMOLITION PLAN
- PROJECT SITE, NEW LONDON CT. PROPOSED FACILITY LAYOUT PLAN
- SITE PHOTOS, NOVEMBER 2017.

Natural Diversity Data Base Areas

NEW LONDON, CT

December 2018

 State and Federal Listed Species & Significant Natural Communities

 Town Boundary

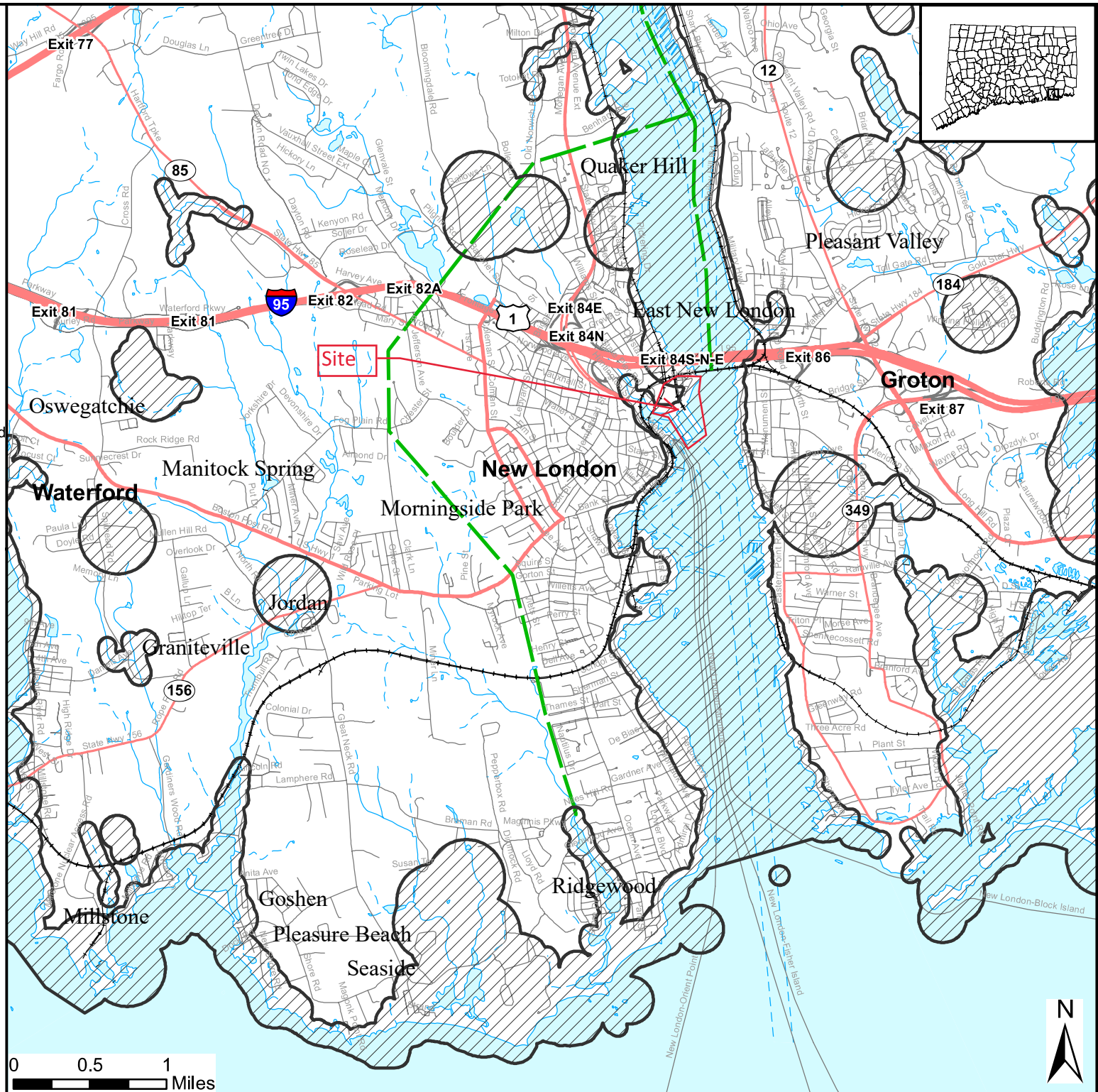
NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

0 0.5 1 Miles





Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

December 8, 2017

Mr. Evan H. Matthews
Connecticut Port Authority
455 Boston Post Road, Suite 204
Old Saybrook, CT 06475
Evan.matthews@ct.gov

Project: Proposed Repair Partial Collapse to the State Pier Located at 200 State Pier Road, New London, Connecticut
NDDB Determination No.: 201710380

Dear Evan Matthews,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map provided for the Proposed Repair Partial Collapse to the State Pier located at 200 State Pier Road, New London, Connecticut. We have known extant records for State Threatened *Falco Peregrinus* (peregrine falcon) and State Special Concern blueback herring that occur in close proximity to your project boundaries.

Please be advised that a DEEP Fisheries Biologist will review the permit applications you may submit to DEEP regulatory programs to determine if your project could adversely affect blueback herring. DEEP Fisheries Biologists are routinely involved in pre-application consultations with regulatory staff and applicants in order to identify potential fisheries issues and work with applicants to mitigate negative effects, including to endangered species. If you have not already talked with a Fisheries Biologist about your project, you may contact the Permit Analyst assigned to process your application for further information, including the contact information for the Fisheries Biologist assigned to review your application

Peregrine Falcon (*Falco peregrinus*) Protection Status: Threatened Species

The peregrine falcon is a state threatened species which has adapted to life in urban settings. The peregrine falcon is associated with bridges for nesting and brood rearing purposes. Peregrines will actively and aggressively defend the nest, whether a nest box or natural nest, up to and sometimes past 75 yards. The peregrine will attack anyone or anything that comes within the area of its nest. Peregrine falcons are Connecticut's largest falcon and can measure up to 20 inches. Adults are slate gray above and pale underneath with fine bars and spots of black; they have long pointed wings with a narrow tail. Young falcons have the same composite but are darker underneath and browner all over. The peregrine falcon nesting season occurs between the months of April and June. For this reason, special conditions regarding the timing of work on the structure must be applied. In order to protect this species, the proposed construction activities

should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th.

Protection Recommendation:

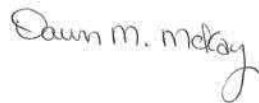
In order to protect this species, the proposed construction activities should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th. If work needs to be conducted during the breeding season (April 1st to June 30th) then I recommend hiring an ornithologist (bird expert) to evaluate and prepare a protection plan for the birds. All work on this project must maintain a minimum buffer of 600' from the nest. If a nest is identified by workers all work should stop immediately and this information should be reported to our program for further assistance and guidance to complete the work safely.

Please re-submit an NDDDB Request for Review if the scope of work changes or if work has not begun on this project by December 8, 2019.

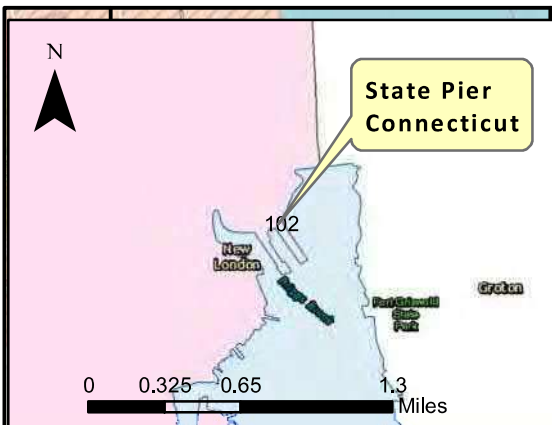
Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,



Dawn M. McKay
Environmental Analyst 3



State Pier New London, CT Locus Map

41°22'0"N

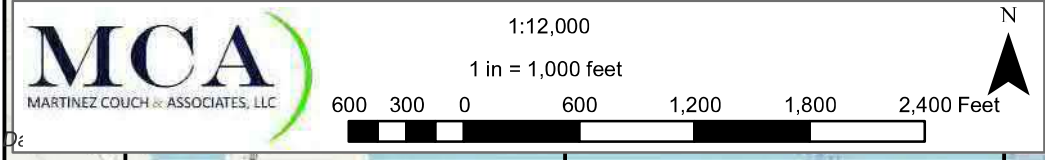
41°22'0"N

41°21'30"N

41°21'30"N

41°21'0"N

41°21'0"N



Service Layer Credits: © OpenStreetMap
(and) contributors, CC-BY-SA

FIGURE 1: EXISTING SITE OVERVIEW OF THE STATE PIER



FIGURE 2: PROPOSED IMPROVEMENTS TO THE STATE PIER

Limits of upland disturbance

Installation of rip rap slope. Stabilization of the existing concrete / granite block wall. Placement of Rip Rap. Bottom horizontal run off of wall is +/- 30 ft (600 lf., 4,100 cy., 7200 SF footprint on mudline)

Demolition of the western face of CVRR Pier (1,000 lf.+/-). Removing semi stable vertical granite block wall to facilitate placement of armored slope.

Raising of CVRR Pier elevation from +5' to +9'. Installation of rip rap armored slope on the west side of CVRR Pier. 4H to 1V slope (54,000 cy.+/-). Footprint of slope will not exceed existing western extent of the CVRR Pier.

Seabed preparation for installation of vessel jack-up legs: (2) two 30 ft wide x 200 ft long x 3.5 feet deep, crushed gravel filled pockets. Dredging will be required +/- 1500 cy. Work will covers +/- 12,000 sf of land under the Ocean. This is to facilitate good bearing area for the installation vessel jack up legs.

Maintenance dredge of the berthing pocket for installation vessel (+/- 48,000 cy). Spoil material to be placed between piers.

Demolition of various site buildings and structures (68,000 sf.+/-). Installation of the storm water retention and treatment system. Leveling and installation of the gravel surface on uplands. Site utilities upgrade (water, electrical, fire suppression). Upland disturbance area approximately 25 ac.+/-

Demolition of the concrete deck supported by timber piles. (6,300 sf.+/-). Structure is currently rated in poor condition.

Installation of the anchored heavy lift capable bulkhead. Driving of steel sheet pile wall (700 lf. +/-). Bulkhead to be installed as close to the existing as

Maintenance dredge of the berthing pocket for incoming vessel (15,000 c.y +/-). Soil material to be placed between piers.

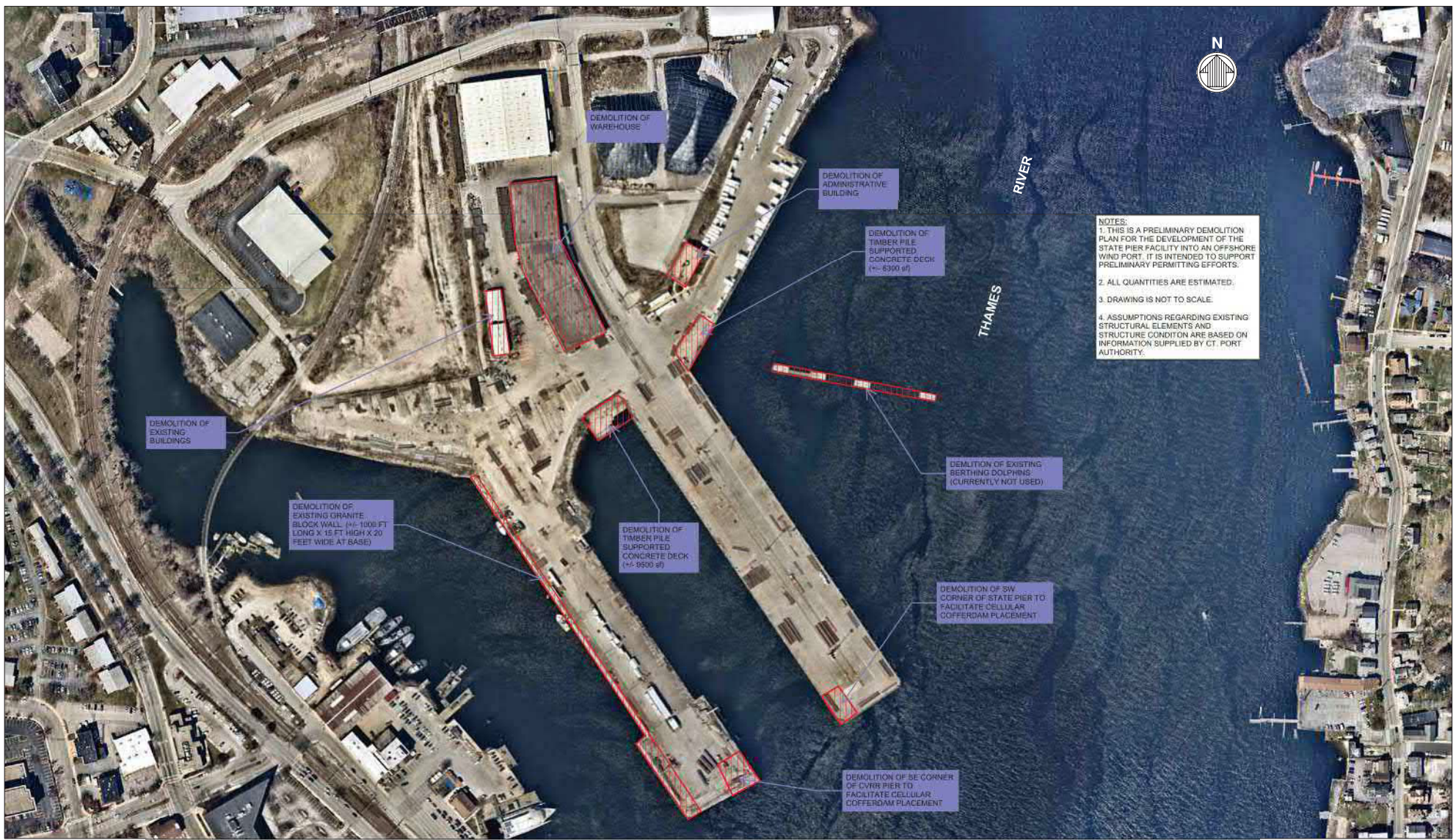
Demolition of four (4) existing berthing dolphins to below mudline. Structures currently not in use and rated in poor condition.

Demolition of SW corner of State Pier (3,500 sf.+/-) and demolition of SE corner CVRR Pier (4,000 sf.+/-). This required to facilitate the installation of the steel cellular cofferdams.

Anticipated that +/- 390,000 cy of fill will required. Coverage of approximately 7 acres of the land under the Ocean. All dredged materials will be placed into this fill area. Leveling of upland site to provide approximately one half (185,000 cy) of the required fill material. Final elevation of the new fill to match State Pier deck elevation of +9.0 NAVD88. Eastern confinement of the placed fill provided by the existing earth berm under State Pier. Western confinement of the placed fill provided by CVRR Pier earth fill and new armored wall on the west side of CVRR Pier. To hold fill in place from south site will required installation of cellular cofferdam cells between State Pier and CVRR Pier. +/- 50 ft diameter cells to retain fill on southern end of CVRR/State piers (475 lf.+/-).



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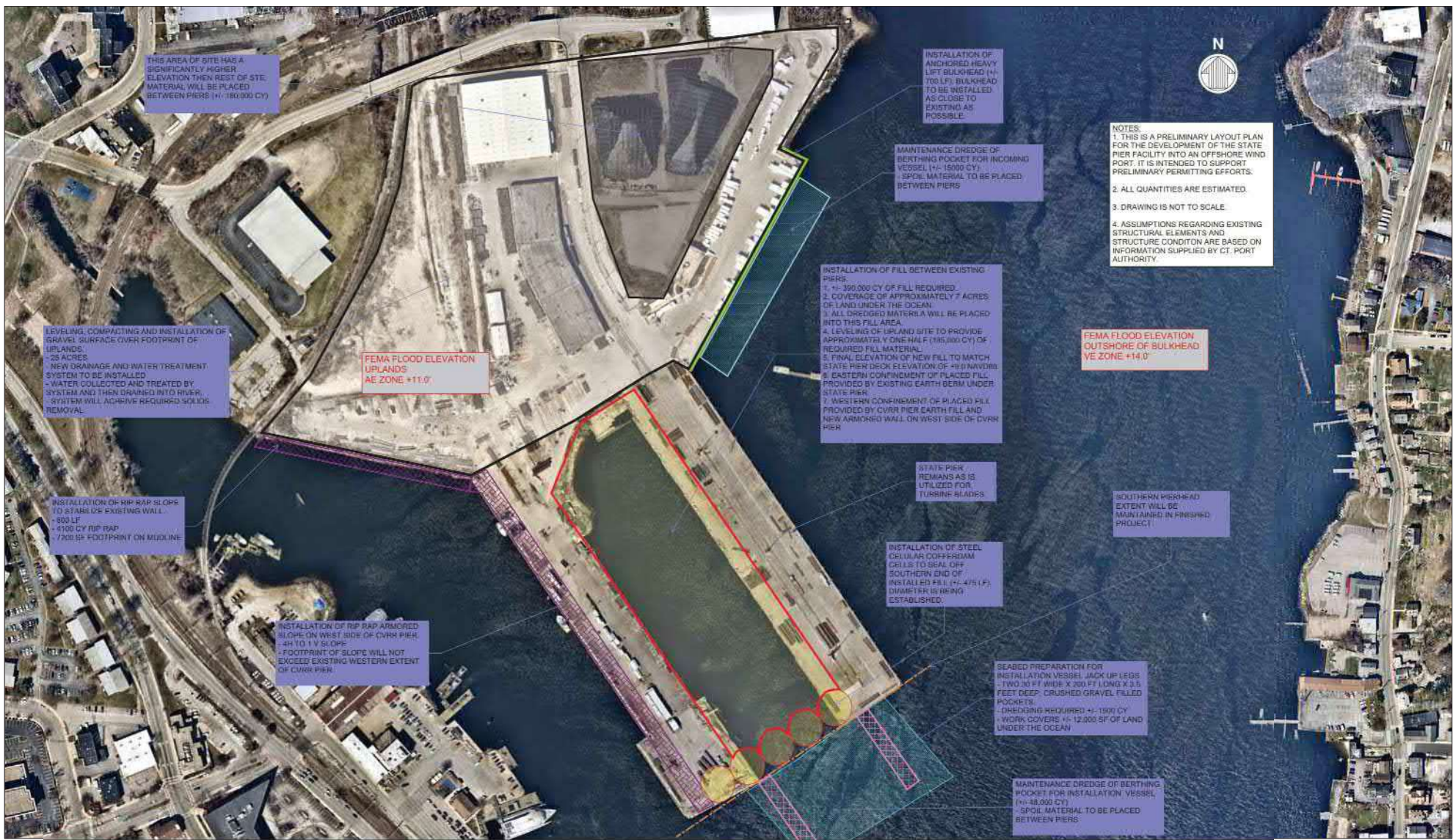


RESTRICTED AND CONFIDENTIAL

PROJECT SITE
NEW LONDON, CONNECTICUT
 PROPOSED DEMOLITION PLAN



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PROJECT SITE
NEW LONDON, CONNECTICUT
PROPOSED FACILITY LAYOUT PLAN



DRAWING SCALES SHOWN BASED ON 22"x34" DRAWING



Upland area looking North West from the State Pier



Upland area looking North - West toward CVRR



Upland area looking West to CVRR



State Pier looking South



Upland area storage yard looking West



Upland area storage yard looking South - West



CVRR Pier looking
South



State Pier looking South - East



Area between State and CVRR Piers looking South



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

March 19, 2019

Richard E. Couch
Martinez Couch & Associates, LLC
1084 Cromwell Avenue
Rocky Hill, CT 06067
couchre@martinezcouch.com

Project: Proposed Demolition of Various Upland Buildings, Installation of New Structures Including Storm Water Retention & Treatment System, Addition of Administrative Offices with Parking and Maintenance Dredging at the State Pier at 200 State Pier Road in New London, Connecticut
NDDDB Determination No.: 201901490

Dear Richard Couch,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map provided for the Proposed Demolition of Various Upland Buildings, Installation of New Structures Including Storm Water Retention & Treatment System, Addition of Administrative Offices with Parking and Maintenance Dredging at the State Pier at 200 State Pier Road in New London, Connecticut. We have known extant records for State Threatened *Falco Peregrinus* (peregrine falcon) and State Special Concern blueback herring that occur in close proximity to your project boundaries.

Please be advised that a DEEP Fisheries Biologist will review the permit applications you may submit to DEEP regulatory programs to determine if your project could adversely affect blueback herring. DEEP Fisheries Biologists are routinely involved in pre-application consultations with regulatory staff and applicants in order to identify potential fisheries issues and work with applicants to mitigate negative effects, including to endangered species. If you have not already talked with a Fisheries Biologist about your project, you may contact the Permit Analyst assigned to process your application for further information, including the contact information for the Fisheries Biologist assigned to review your application

Peregrine Falcon (*Falco peregrinus*) Protection Status: Threatened Species

The peregrine falcon is a state threatened species which has adapted to life in urban settings. The peregrine falcon is associated with bridges for nesting and brood rearing purposes. Peregrines will actively and aggressively defend the nest, whether a nest box or natural nest, up to and sometimes past 75 yards. The peregrine will attack anyone or anything that comes within the area of its nest. Peregrine falcons are Connecticut's largest falcon and can measure up to 20 inches. Adults are slate gray above and pale underneath with fine bars and spots of black; they

have long pointed wings with a narrow tail. Young falcons have the same composite but are darker underneath and browner all over. The peregrine falcon nesting season occurs between the months of April and June. For this reason, special conditions regarding the timing of work on the structure must be applied. In order to protect this species, the proposed construction activities should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th.

Protection Recommendation:

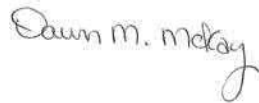
In order to protect this species, the proposed construction activities should be completed during non-nesting season months (July – March). No construction activities should occur between April 1st and June 30th. If work needs to be conducted during the breeding season (April 1st to June 30th) then I recommend hiring an ornithologist (bird expert) to evaluate and prepare a protection plan for the birds. All work on this project must maintain a minimum buffer of 600' from the nest. If a nest is identified by workers all work should stop immediately and this information should be reported to our program for further assistance and guidance to complete the work safely.

Please re-submit an NDDDB Request for Review if the scope of work changes or if work has not begun on this project by March 19, 2021.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,



Dawn M. McKay
Environmental Analyst 3