Seabrook Bulkhead Replacement Environmental Narrative

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A. PROJECT DESCRIPTION

1. Beneficiaries

Yankee Fisherman's Cooperative

PO Box 2240 Seabrook, NH 03874

NEXTeraEngery

NextEra Energy Seabrook, LLC PO Box 300 Seabrook, NH 03874

2. Proposed Construction

The project involves replacement of a steel sheet pile bulkhead at the Port of Seabrook in Seabrook, New Hampshire. The town owned shorefront land at this project was originally built as an industrial facility for unloading of large equipment during the construction of the Seabrook Nuclear Power Plant. Following the plant construction, the Town of Seabrook acquired the property and redeveloped the southern area as a fisherman's cooperative, which also includes a retail seafood store.

See Preliminary Engineering Report (PER) for project plans and exhibits.

3. Need and Purpose

The site is a multi-use waterfront facility with uses varying from routine daily use by commercial fishermen, to less frequent heavy industrial and commercial vessel uses including large transformer unloading, nuclear fuel containment unit unloading and dredging/construction barge use and armor rock loading.

This port facility is unique in providing a north bulkhead berth area (part of this project) that is a gently sloping sand beach that is highly valued by all users. This may be fishermen using the dry stand berth to clean marine growth off boat bottoms at no dry docking cost (improving speed and fuel efficiency); and for the heavy industrial and commercial users that ground out barges to get complete stability for loading and unloading heavy equipment.

4. Alternatives to the Proposed Project

No Project Alternative

The "no project" alternative was evaluated for the site. Continued degradation of the bulkhead will lead to eventual failure of the bulkhead. As outlined in the letters of support from the project beneficiaries, a full-failure of the bulkhead would cause negative economic and operation impacts to the NextEra Seabrook Station power plant and would be detrimental to the New Hampshire fishing industry.

Alternative Location / New Bulkhead and Landing Alternative

The project considered the possibility of creating a new bulkhead and landing in an alternate location. A new landing would require the acquisition of real estate and increased construction costs compared to the Replacement Alternative. It was determined to require more significant environmental impacts to the resource areas (i.e. new impacts) than the Replacement Alternative.

Replacement Alternative (Selected Alternative)

This was the selected alternative. Replacement of the existing steel sheet pile bulkhead on Town-owned property containing all of the necessary infrastructure to support the needs of its beneficiaries with minimized environmental impacts when compared to the alternatives.

B. HISTORIC/ARCHEOLOGICAL RESOURCES

The project has no known historic / archeological resources within the project site or area of potential effect. The Town previously sought, and received, a project review by the New Hampshire Division of Historical Resources in 2012. The project received a determination of "No Historic Properties Affected", see Appendix B.

C. <u>AFFECTED ENVIRONMENT</u>

The project proposes to replace an existing bulkhead which is currently corroding and discharging backfill washout through holes in the steel bulkhead and causing sinkholes in the paves surface on the landing / loading area adjacent to the bulkhead.



Northern bulkhead at low-tide showing corrosion in the sheet piling, one likely source of backfill wash-out.



Sinkholes observed on landing / loading area adjacent to bulkhead.

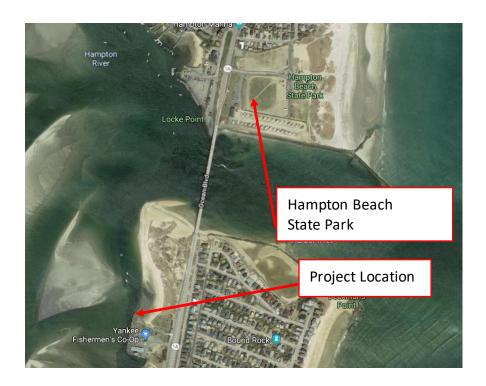
Replacement of the bulkhead will prevent future loss of backfill material into the resource area and ensure the long-term operability of the landing / loading area. The proposed bulkhead replacement occurs 2' in front of the existing steel sheet pile bulkhead and represents an approximately 430ft of coastal bank impact. If the replacement is not completed and the existing bulkhead fails, there will be a slope failure discharge of backfill material into the channel.

1. Affected Area

The project area is generally a paved, flat loading area / landing containing very little vegetation. The area has historically been utilized to support New Hampshire's fishing industry.

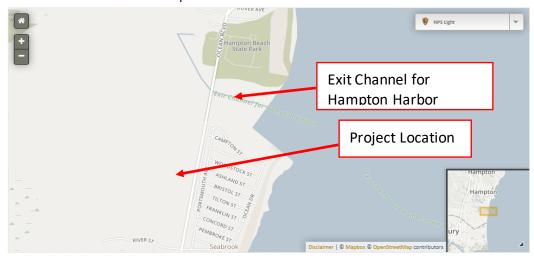


The nearest State Park is the Hampton Beach State Park, its nearest point is located on the north side of the Hampton River, approximately 2,200' north of the project location. No impacts to the State Park are anticipated as part of the project.



The map below depicts the exit channel for Hampton Harbor which is designated as a wild and scenic river where NHS has a role. It is located approximately 1,500' north of the project location. No impacts to wild and scenic rivers are anticipated as part of the project.

NPS Wild & Scenic River Responsibilities



2. Coastal Zones

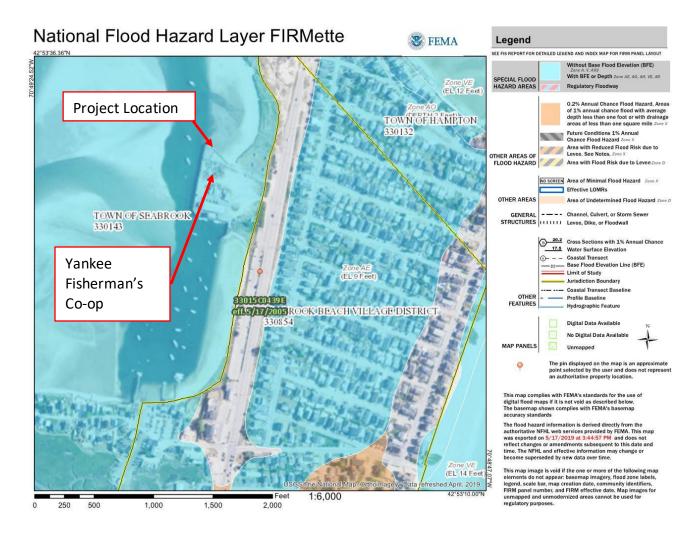
The project is located within the purview of the Coastal Zone Management Act as Seabrook is one of the 17 communities designated in the State's Coastal Zone Boundaries. The map below identifies the nearby rivers, beaches, and dunes. The proposed project proposes to construct a new bulkhead 2' in-front of the existing bulkhead and therefore will impact the navigable waterway.



3. Wetlands

The project is located within coastal wetlands/coastal bank. Approximately 430 ft of permanent impact is anticipated to the coastal bank to replace the existing bulkhead. The selected alternative was the least impactful alternative reviewed as part of the project as it minimized the disturbance to the area currently being impacted by the wash out of back-fill material through the corroding bulkhead.

4. Floodplains



The project site is located entirely within the mapped 100-year floodplain, zone AE with an established 100-year Base Flood Elevation of 9 feet. The above FEMA Floodplain Map is Map # 33015C0439E, effective 5/17/2005. The project site is subject to Coastal Storm Flowage, so mitigation for floodplain impacts aren't required to be mitigated. No additional development is proposed by the project beneficiaries beyond the bulkhead replacement on the project site.

5. Endangered Species

Threatened Species
Northern Long-eared Bat (Myotis Septentrionalis)
Piping Plover (Charadrius Melodus)
Red Knot (Calidris Canutus Rufa)

Endangered Species None

Critical Habitats
None

6. Land Use and Zoning

The project location is designated by the Town of Seabrook, NH Zoning Map as Harbor Commercial Zone 5. The project does not propose a change in use or scale, as it is a bulkhead replacement project. One of the projects primary beneficiaries, Yankee Fisherman's Cooperative currently utilizes the area to operate and meet the areas needs for the local commercial fishing community.

7. Solid Waste Management

Solid waste from the project site is collected by the Town of Seabrook Department of Public Works and conveyed to the Town's Transfer Station. The Town implements a recycling program for aluminum, steel, tin cans, glass bottles, jars, paper, cardboard, and plastic.

8. Hazardous or Toxic Substances

No toxic or hazardous materials are handled onsite.

9. Water Resources

The project site is a loading area for fishing boats and is adjacent to the Blackwater River which convenes with the Hampton River approximately 1,300' north of the project site and flows into the Atlantic Ocean through the Hampton Harbor Inlet. The existing commercial fishing operation will remain onsite upon completion of the bulkhead replacement. No new discharges or changes to drainage patterns are proposed and no impacts to water resources are anticipated beyond the replacement of the bulkhead.

10. Water Supply and Distribution System

Water supply for the project site is provided by the Town of Seabrook public water system (PWS ID #2111010). There are no changes in use proposed and no changes to the existing water supply and distribution planned. Water supplied is in compliance with the Safe Drinking Water Act.

11. Wastewater Collection and Treatment Facilities

Wastewater from the project site is conveyed by an existing pipe network to the Town of Seabrook Wastewater Treatment Facility on Wright's Island in Seabrook. The treatment plant is permitted through the EPA's National Pollutant Discharge Elimination System (NHDES). The treatment facility is in compliance with the permit requirements, has adequate capacity, and no changes are planned at the project site.

12. Environmental Justice (Executive Order 12898)

The proposed bulkhead replacement will not result in disproportionate adverse human health or environmental impacts relative to minority and low-income populations. Because the project is a replacement project, there are not expected to be any adverse impacts to the environmental or human health.

13. Transportation (Streets, Traffic and Parking)

No new development or changes to the local street network are proposed. The immediate area of the site is utilized for commercial fishing, expanding beyond the immediate site, the area is surrounded by residential uses containing a a mix of year-round and vacation homes. The existing capacities of the surrounding transportation network is sufficient to support the ongoing commercial fishing operations. For most of the year, the local roads operate at Level of Service A. No increase in traffic is anticipated and, as result, transportation facilities will be exceeded as result of the project implementation.

14. Air Quality

No new activities are proposed as part of the project and no expansion of existing activities is proposed, the project will not have an adverse effect on Air Quality.

15. Noise

The operation of project facilities will not result in an increase of local ambient noise levels. There is no proposed change in use or increased intensity of the existing uses.

16. Permits

The following permit applications and notifications are anticipated:

- NH DES Wetlands Bureau, Wetland Permit Application (was previously issued but has expired and needs to be re-filed.)
- Army Corps, Programmatic General Permit (PGP)
- Historical resource notifications (NH Division of Historical Resources) previously reviewed file #3991
- NH Natural Heritage Inventory (previous filing found no adverse impacts, but this needs to be updated)
- NH Fish & Game for construction timing restrictions (will be based on Natural Heritage Inventory response)

17. Public Notification/Controversy

The project was reviewed and supported by the Town at its Conservation Commission public hearings held on July 23, 2012, August 27, 2012, and November 12, 2012.

18. Cumulative Effects

The New Hampshire Department of Transportation (NHDOT) has two planned projects in the vicinity of the project site.

Seabrook-Hampton #15904 is currently under design to rehabilitate or replace the Neil R. Underwood Bridge (#235/025) which spans the Hampton River at the inlet to Hampton Harbor. The bridge has been rehabilitated previously including in 1963, 1978, 1983, 1990, 2002, and 2010 without significant impact on the resources, ecosystems, or human communities.

Hampton 40797, X-A004(490) is currently soliciting letters of interest from design firms to provide design services for improvements to Route NH 1A in Hampton. No significant impacts are anticipated as part of the project.

D. MITIGATION

To minimize adverse impacts to the environment and endangered species, the project plans to coordinate with the New Hampshire Fish and Game to identify time of year restrictions for the construction of the project. Careful planning will also be implemented and daily construction supervision will be provided to accommodate access for the heavy construction equipment needed to replace the bulkhead while minimizing the potential for the release of oil or gasoline.

E. <u>LIST OF ATTACHMENTS</u>

Appendix A: Applicant Certification Clause

Appendix B: Bulkhead Observation Memorandum (contains site photographs)

Appendix C: FEMA Flood Insurance Rate Map

Appendix D: US Fish & Wildlife Information for Planning and Consultation (iPaC)

information

Appendix E: New Hampshire Division of Historical Resources Project Review

Appendix F: Project Preliminary Plans

Appendix A

The applicant represents and certifies that it has used due diligence to determine that the description of the project site described herein is accurate with respect to the presence or absence of contamination from toxic and hazardous substances. The term "site" includes the entire scope of the project, including future phases of the project and all areas where construction will occur.

Is the site currently, or has it in the past 50 years, been used for any of the following operations

	or activities:			
a.	Generation of hazardous substances or waste? YesX No			
b.	Treatment, storage (temporary or permanent), or disposal of solid or hazardous substances or waste?			
	Yes X No			
c.	Storage of petroleum products?			
	Yes <u>X</u> No			
d.	Used/waste oil storage or reclamation units?			
	YesX No			
e.	Research or testing laboratory? YesX No			
f.	Ordinance research, testing, production, use, or storage? Yes X No			
g.	Chemical manufacturing or storage?			
	Yes X No			
h.	Weapons or ammunition training, use, or testing? YesX No			
i.	Iron works/foundry?			
	Yes X No			
j.	Railroad yard? YesX No			
k.	Industrial or manufacturing operation? Yes X No			

If any of the above operations ever occurred at the site, and if appropriate cleanup or other mitigation actions were performed in accordance with the local, State, and federal laws, please attach documentation of these actions.

2.	. Do wells draw from an underlying aquifer to provide the local domestic water supply? YesX No		
3.	Has a federal, State, or local regulatory authority ever conducted an environmental assessment, environmental impact statement, or a preliminary assessment/site inspection, or similar environmental surveyor inspection report at the site? If yes, please list here and attach copies of these reports or results.		
	Yes <u>X</u> No		
	1)		
	2)		
	3)		
	4)		
	5)		
4.	Have any environmental or OSHA citations or notices of violation been issued to a facility at the site? If yes, please attach copies. YesX No		
5.	Have any unauthorized releases of hazardous substances occurred at any facility at the site which resulted in notification of the EPA's National Response Center? YesX No		
6.	Is any material containing asbestos or lead paint located at the site? If yes, please attach information concerning State and federal regulatory compliance. YesX No		
7.	Is there any equipment (electrical transformers, etc.) containing polychlorinated biphenyls (PCB) on the site? If yes, please attach a description of the equipment. Yes X No		
8.	Are there underground or above ground storage tanks on the site? If yes, please attach a detailed description, including the number of underground storage tanks on the site, whether the tanks have been inspected (or removed) and the results of such inspections.		

9. Has the site been tested for radon? If yes, please attach results. Yes X No	
 10. Have there been, or are there now any environmental investigation government agencies that could affect the site in question? If ye information. Yes X No 	•
The applicant acknowledges that this certification regarding hazardou material representation of fact upon which EDA relies when making reserves the right to terminate any award made in conjunction with the herein if, at any time during the useful life of the project, EDA become hazardous materials or waste at the site, or that hazardous materials of inappropriately handled thereon.	and executing an award. EDA ne representations contained nes aware of the presence of
Further, if it is determined at any time that the presence of hazardous thereof, has been misrepresented, EDA may pursue other available leapplicant.	
Town of Seabrook, NH	
Applicant's Name	
Rick Friberg, PE, LEED AP – Regional Director, TEC, Inc.	
Nam ≥ and Tit ∈ of Applicant's Authorized Representative	
I W C	5/20/2019
Signature of Applicant's Authorized Representative	Date

Appendix B

MEMORANDUM Tighe&Bond

Harborside Park Bulkhead

To: Mr. John Starkey

Public Works Director Town of Seabrook

FROM: Duncan Mellor, P.E.

Principal Coastal Engineer

DATE: June 3, 2016

At the request of the Town of Seabrook, Duncan Mellor, PE of Tighe & Bond performed a pre-docking observation of the Harborside Park bulkhead and fender system at low tide on 5-31-16 to establish photo and notation documentation of existing conditions prior to docking facility use by Lockwood Brothers. The Lockwood schedule is for two barges to arrive and unload NUHOMS vaults at the site beginning about June 12, 2016. A follow-up post-unload inspection is anticipated when the barges depart to check for possible damage caused by the barges and unloading operations.

We were also copied on a memo regarding the appearance and patching of backfill sink holes and a crack in the paved area along the western face of the park bulkhead, extending just into the fisherman's coop gear storage area. At Town request we walked this area where accessible at the base of the bulkhead and along the top of the bulkhead in the park. The recent pavement patch within the fisherman's coop gear area was viewed through the fence. The following observations were noted:



Photo 1 Overview of planned docking area



Photo 2 Northern bulkhead area showing recent pavement patches and corresponding corrosion holes in the sheet piling upper "splash zone" area. Note some subsidence of one railing post into the middle sinkhole

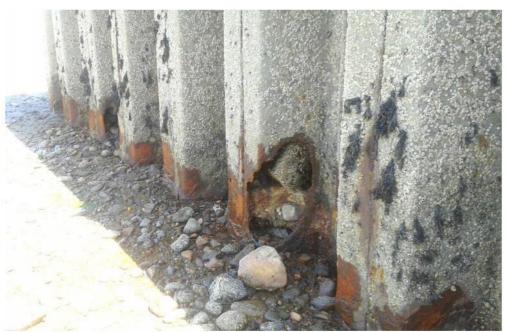


Photo 3 Northern bulkhead area showing low tide level corrosion holes in the sheet piling and likely source of backfill wash-out

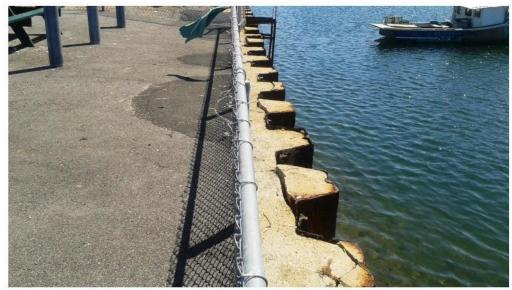


Photo 4 Southern park bulkhead area showing pavement patches and cracking/subsidence of the bulkhead concrete indicating gradual loss of backfill likely through low tide corrosion holes



Photo 5 Southern park area western face of bulkhead, view at low tide



Photo 6 Mid area of western bulkhead face at low tide with large corrosion holes and apparent loss of backfill

-4-



Photo 7 Southern park area bulkhead view at low tide in the vicinity of the fence line. Note numerous corrosion holes and apparent loss of backfill



Photo 8 Southern park area bulkhead in the vicinity of the fence line. Note pavement crack parallel to bulkhead at 12 to 13 feet back from sheet piling indicating a larger area of backfill subsidence is starting. A recent looking pavement patch has also been added on the fisherman's coop side of the fence.

Based on this limited visual observation the most severe bulkhead corrosion is in the splash zone just above high tide level and near low tide level, with minimal apparent corrosion at mid tide level. These are typical seawater corrosion conditions for a structure of this age. The corrosion holes, particularly at low tide level where water flows in and out of the backfill with every tide cycle, are expected to be the largest cause of backfill wash-out, periodically causing sinkholes in the pavement above. The double channel wale and tiebacks are just below high tide level in a lower corrosion zone. We did not observe apparent indications of general bulkhead movement that might be seen if the sheet piling was moving outward due to loss of tieback restraint, such as wale crushing or typical large open pavement cracks parallel to the bulkhead.

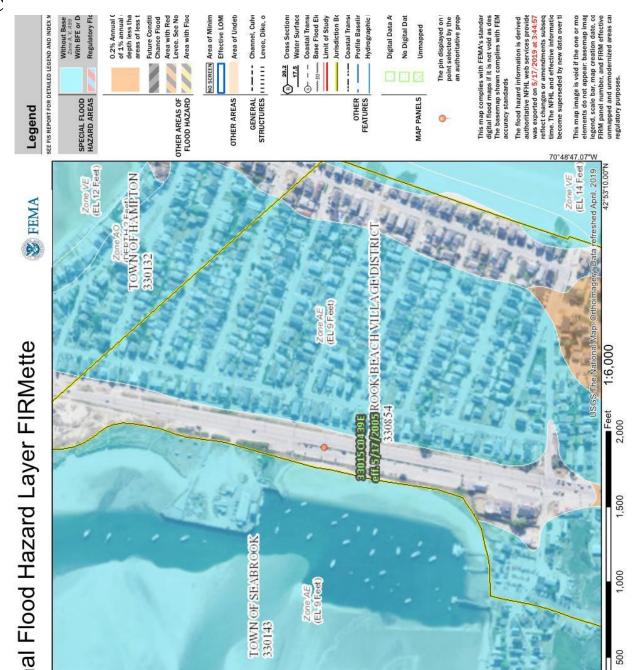
The current management approach should be continued with this area of pavement restricted from vehicle access (currently blocked off with concrete barriers farther inshore). The pavement areas close to the bulkhead where sinkholes have been occurring, in addition to bulkhead concrete cap subsidence, present a risk to pedestrians, particularly with unknown subsurface conditions.

It is recommended that fencing be installed to keep pedestrians off the area just inshore of the bulkhead, from the northern corner to the southern fence adjacent to the fisherman's coop area, no closer than the pipe bollards and the southern area pavement crack. A short run of fencing is also recommended to close the near bulkhead area (13 feet back) containing the pavement patch on the fisherman's coop side of the fence. Further, we recommend a subsurface investigation be completed in this area to assess subsurface conditions and whether subsurface improvements need to be made.

The bulkhead is near the end of its service life and new sheet piling is recommended to restore bulkhead function. We are aware that funding for these repairs is being pursued by the Town.

J:\S\S2148 Town of Seabrook, NH\MEMO\Bulkhead sinkholes 6-3-16 memo.docx

Appendix C



AppendixD

5/20/2019

IPaC: Explore Location

IPaC

U.S. Fish & Wildlife Service

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Rockingham County, New Hampshire



Local office

New England Ecological Services Field Office

(603) 223-2541

(603) 223-0104

70 Commercial Street, Suite 300 Concord, NH 03301-5094

http://www.fws.gov/newengland

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

1/23

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information.
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME STATUS

Northern Long-eared Bat Myotis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9045 Threatened

Birds

NAME STATUS

Piping Plover Charadrius melodus

Threatened

There is **final** critical habitat for this species. Your location is outside the critical habitat.

https://ecos.fws.gov/ecp/species/6039

Red Knot Calidris canutus rufa

Threatened

TION

No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1864

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described <u>below</u>.

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds
 http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds
 http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the <u>USFWS Birds</u> of <u>Conservation Concern</u> (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the <u>E-bird data mapping tool</u> (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A
BREEDING SEASON IS INDICATED
FOR A BIRD ON YOUR LIST, THE
BIRD MAY BREED IN YOUR
PROJECT AREA SOMETIME WITHIN
THE TIMEFRAME SPECIFIED,
WHICH IS A VERY LIBERAL
ESTIMATE OF THE DATES INSIDE
WHICH THE BIRD BREEDS
ACROSS ITS ENTIRE RANGE.
"BREEDS ELSEWHERE" INDICATES
THAT THE BIRD DOES NOT LIKELY
BREED IN YOUR PROJECT AREA.)

American Oystercatcher Haematopus palliatus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/8935

Breeds Apr 15 to Aug 31

Arctic Tern Sterna paradisaea

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds May 20 to Aug 15

Bald Eagle Haliaeetus leucocephalus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/1626

Breeds Oct 15 to Aug 31

Black Guillemot Cepphus grylle

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds May 15 to Sep 10

Black Scoter Melanitta nigra

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Black Skimmer Rynchops niger

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5234 Breeds May 20 to Sep 15

Black-legged Kittiwake Rissa tridactyla

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Bobolink Dolichonyx oryzivorus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 20 to Jul 31

Bonaparte's Gull Chroicocephalus philadelphia

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Buff-breasted Sandpiper Calidris subruficollis

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9488

Breeds elsewhere

Canada Warbler Cardellina canadensis

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 20 to Aug 10

Common Eider Somateria mollissima

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Jun 1 to Sep 30

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

5/23

Common Loon gavia immer

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/4464

Breeds Apr 15 to Oct 31

Common Murre Uria aalge

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Apr 15 to Aug 15

Common Tern Sterna hirundo

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/4963

Breeds May 10 to Sep 10

Double-crested Cormorant phalacrocorax auritus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/3478

Breeds Apr 20 to Aug 31

Dovekie Alle alle

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/6041

Breeds elsewhere

Dunlin Calidris alpina arcticola

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds elsewhere

Great Black-backed Gull Larus marinus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Apr 15 to Aug 20

Herring Gull Larus argentatus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Apr 20 to Aug 31

Hudsonian Godwit Limosa haemastica

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Least Tern Sterna antillarum

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds Apr 20 to Sep 10

Lesser Yellowlegs Tringa flavipes

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679 Breeds elsewhere

Long-tailed Duck Clangula hyemalis

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/7238

Breeds elsewhere

Nelson's Sparrow Ammodramus nelsoni

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 15 to Sep 5

Northern Gannet Morus bassanus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Pomarine Jaeger Stercorarius pomarinus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Prairie Warbler Dendroica discolor

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Jul 31

Purple Sandpiper Calidris maritima

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Razorbill Alca torda

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Jun 15 to Sep 10

Red Phalarope Phalaropus fulicarius

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Red-breasted Merganser Mergus serrator

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Red-necked Phalarope Phalaropus lobatus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Red-throated Loon Gavia stellata

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Ring-billed Gull Larus delawarensis

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Roseate Tern Sterna dougallii

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds May 10 to Aug 31

Royal Tern Thalasseus maximus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Apr 15 to Aug 31

Ruddy Turnstone Arenaria interpres morinella

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds elsewhere

Rusty Blackbird Euphagus carolinus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Seaside Sparrow Ammodramus maritimus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Aug 20

Semipalmated Sandpiper Calidris pusilla

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Short-billed Dowitcher Limnodromus griseus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480

Breeds elsewhere

Snowy Owl Bubo scandiacus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

Surf Scoter Melanitta perspicillata

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Thick-billed Murre Uria Iomvia

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Apr 15 to Aug 15

Whimbrel Numenius phaeopus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/9483

Breeds elsewhere

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

9/23

White-winged Scoter Melanitta fusca

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Willet Tringa semipalmata

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Apr 20 to Aug 5

Wilson's Storm-petrel Oceanites oceanicus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds elsewhere

Wood Thrush Hylocichla mustelina

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Aug 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (=)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (I)

5/20/2019

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

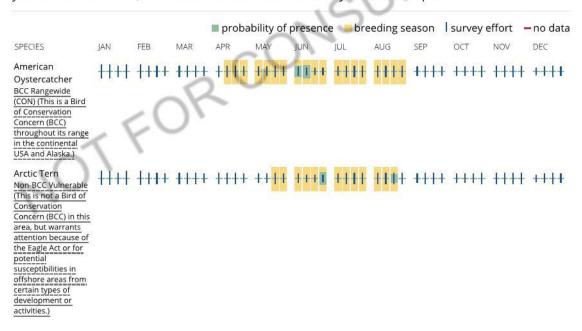
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

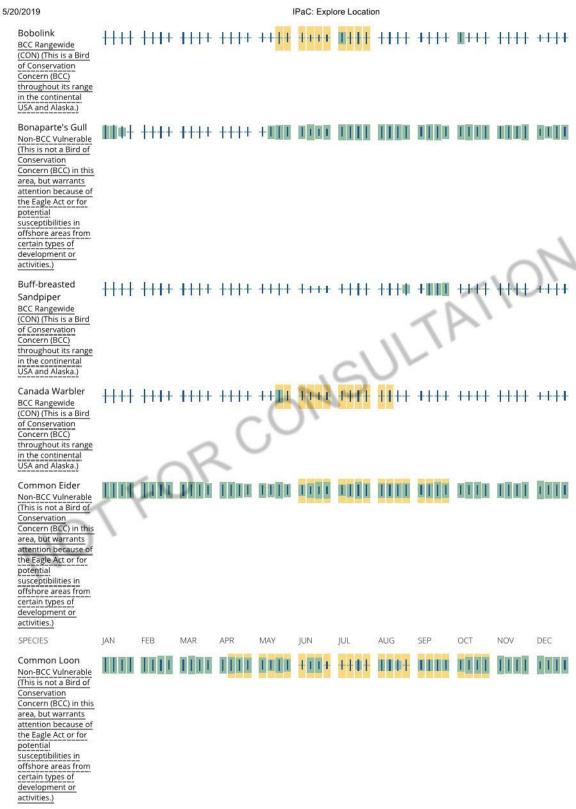
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Black-legged
Kittiwake
Non-BCC Vulnerable
(This is not a Bird of
Conservation
Concern (BCC) in this
area, but warrants
attention because of
the Eagle Act or for
potential
susceptibilities in
offshore areas from
certain types of

development or activities.)

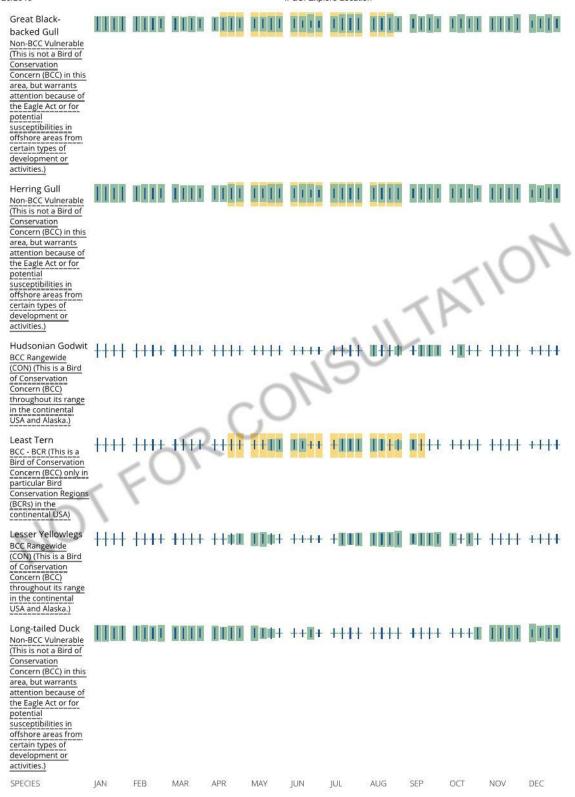
USA and Alaska.)



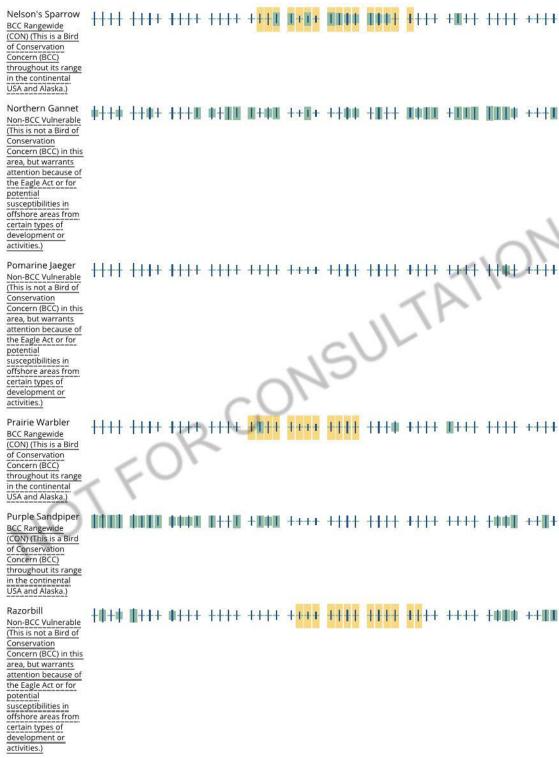
https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

13/23

Bird of Conservation
Concern (BCC) only in
particular Bird
Conservation Regions
(BCRs) in the
continental USA)



https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233l/resources#facilities



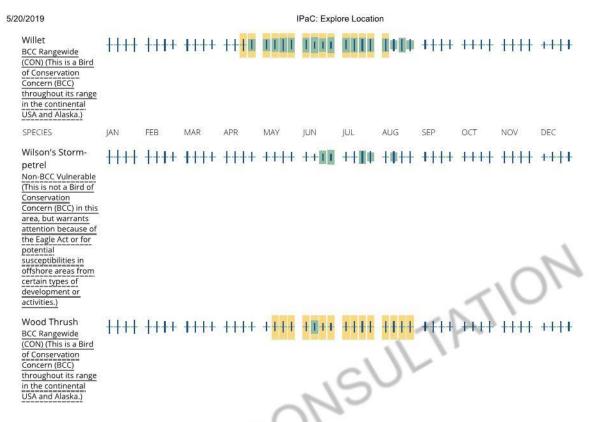
https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities for the property of the p

Non-BCC Vulnerable
(This is not a Bird of
Conservation
Concern (BCC) in this
area, but warrants
attention because of
the Eagle Act or for
potential
susceptibilities in
offshore areas from
certain types of
development or
activities.)

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities for the property of the p

USA and Alaska.)

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities for the property of the p



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures and/or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey, banding, and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (<u>Eagle Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the <u>AKN Phenology Tool</u>.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

5/20/2019 IPaC: Explore Location

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey, banding, and citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Eagle Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to <u>obtain a permit</u> to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

5/20/2019 IPaC: Explore Location

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of Engineers District</u>.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

https://ecos.fws.gov/ipac/location/JOLLP5ZVQRDGNGLPHNAKP6233I/resources#facilities

22/23

ATION

ESTUARINE AND MARINE DEEPWATER

E1UBL

ESTUARINE AND MARINE WETLAND

E2US3N E2US2P

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Appendix E

Please mail the completed form and required material to:

New Hampshire Division of Historical Resources State Historic Preservation Office

Attention: Review & Compliance 19 Pillsbury Street, Concord, NH 03301-3570 RECEIVED

DHR Use Only

R&C#

2991

Log In Date 7 / 2 / /2

Response Date 7 / 3 / /2

Sent Date 7 / 5 / /2

Request for Project Review by the New Hampshire Division of Historical Resources

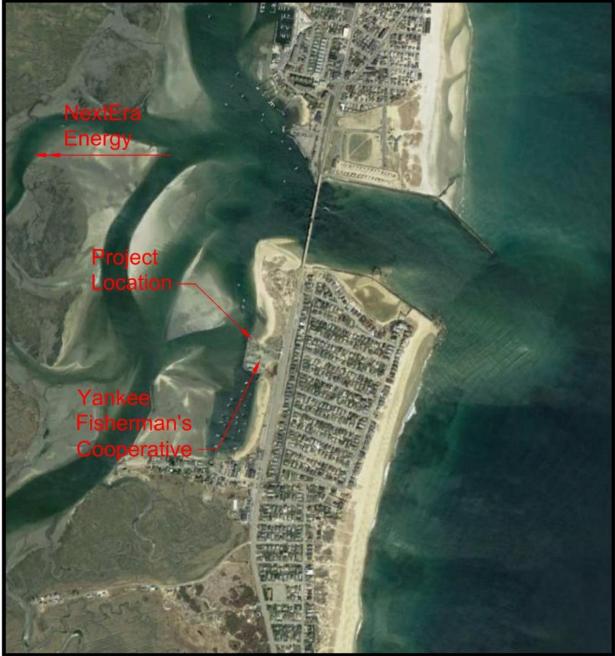
This is a new submittal	☐ This is additional information relating to DHR Review #:
GENERAL PROJECT INFOR	MATION
Project Title Permanent impro	ovements for seaside activities for public access park
Project Location 745 Ocean Boule	evard (Route 1A), Seabrook
Tax Map & Lot # 19 / 26-98	
NH State Plane - Feet Geographi (see RPR Manual and R&C FAQ's for help	ic Coordinates: Easting 1211441 Northing 143783 WGS84 datum p accessing this data)
Lead Federal Agency U.S.Army ((Agency providing funds, licenses	Corps of Engineer s, or permits)
	Permit or Job Reference # Not Assigned licable) NHDES Wetlands Bureau
	Permit or Job Reference # Not assigned
APPLICANT INFORMATION	
Applicant Name Town of Seabroo	ok, DPW Manager John Starkey
Street Address 43 Railroad Aver	370 870
City Seabrook State NH Zip (
	EIVE RESPONSE
CONTACT PERSON TO RECE	
-	n, PE / Altus Engineering, Inc.
Name/Company James F. Kerivan Mailing Address 133 Court Stree	

Please refer to the Request for Project Review manual for direction on completing this form. Submit one copy of this project review form for each project for which review is requested. Include a self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, the Division of Historical Resources (DHR) may require additional information to complete our review. All items and supporting documentation submitted with a review request, including photographs and publications, must be retained by the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process, please visit our website at: www.nh.gov/nhdhr/review or contact the R&C Specialist at 603 271 3558

PROJ	ECT BOUNDARIES AND DESCRIPTION	
PROJECTS CANNOT BE PROCESSED WITHOUT THIS INFORMATION		
REQU	TRED	
X X	Attach the relevant portion of a 7.5' USGS Map (photocopied or computer-generated) indicating the defined project boundary. Attach a detailed written description of the proposed project. Include: (1) a narrative description of the proposed project; (2) site plan; (3) photos and description of the proposed work if the project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures; and (4) a photocopy of the relevant portion of a soils map (if accessible) for ground-disturbing projects.	
Arch	<u>aitecture</u>	
Are	there any buildings or structures within the project area?	
	If yes, submit all of the following information:	
Approximate age(s):		
	Photographs of each building located within the project area along with a photo key. Include streetscape images if applicable. (Digital photographs are accepted. All photographs must be clear, crisp and focused) DHR file review conducted on Provide file review results in project narrative.	
Arch	Please note that as part of the review process, the DHR may request an architectural survey or other additional information.	
Does	s the proposed undertaking involve ground-disturbing activity?	
N NN	If yes, submit all of the following information: Project specific map and/or preliminary site plan that fully describes the project boundaries and areas of proposed excavation. Description of current and previous land use and disturbances. Any available information concerning known or suspected archaeological resources within the project area. Please note that as part of the review process, the DHR may request an archaeological survey or other additional information.	
DH	R COMMENT This Space for Division of Historical Resources Use Only	
□ No	Potential to cause Effects Additional information is needed in order to complete our review	
☐ No	Adverse Effect	
Comme	ents:	
Histori	s change or resources are discovered in the course of this project, you must contact the Division of cal Resources as required by federal law and regulation. ized Signature: Date: 7/3/12	

November 2010

Appendix F





603-601-8154

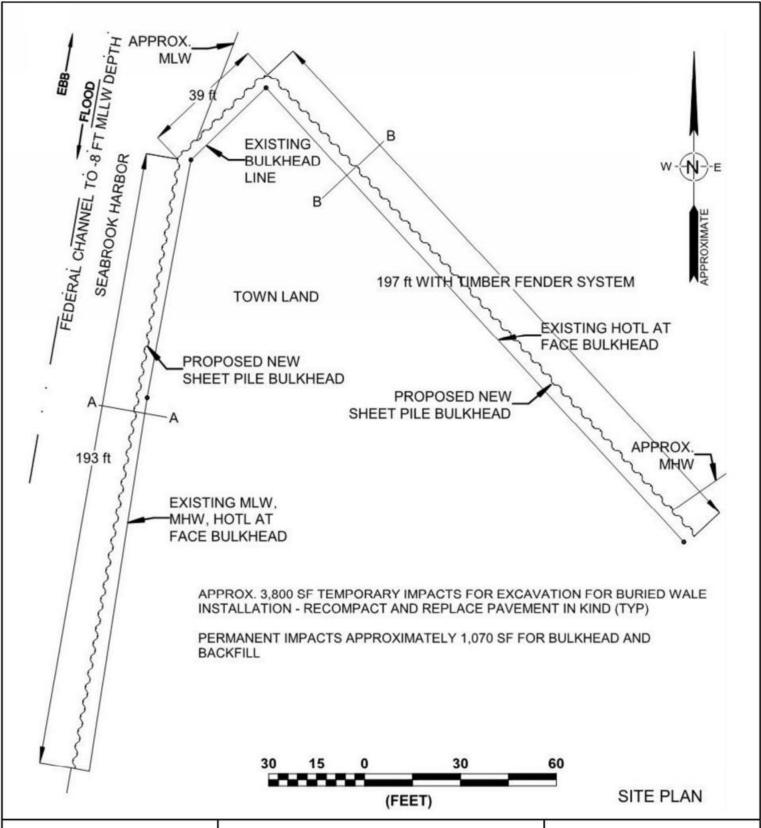
PROJECT VICINITY MAP

SEABROOK, NH.

PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

SCALE: 1"=1,000' DATE: 4/30/2019





Prepared by:



TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154

SITE PLAN

IN

SEABROOK, NH.

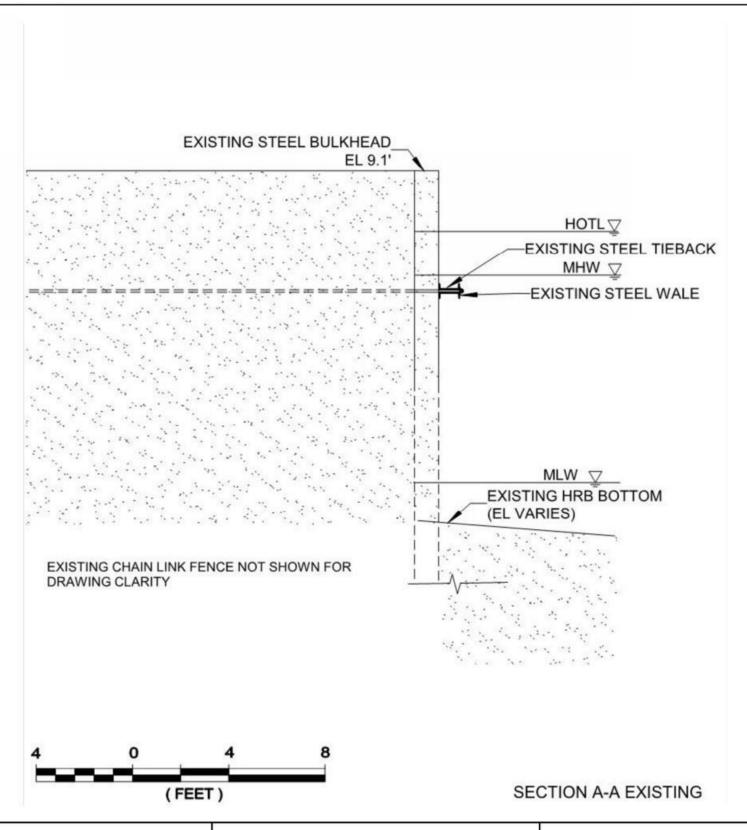
PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

SCALE: 1"=30"

DATE: 4/30/2019

Prepared for









TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154

EXISTING SECTION A-A

IN

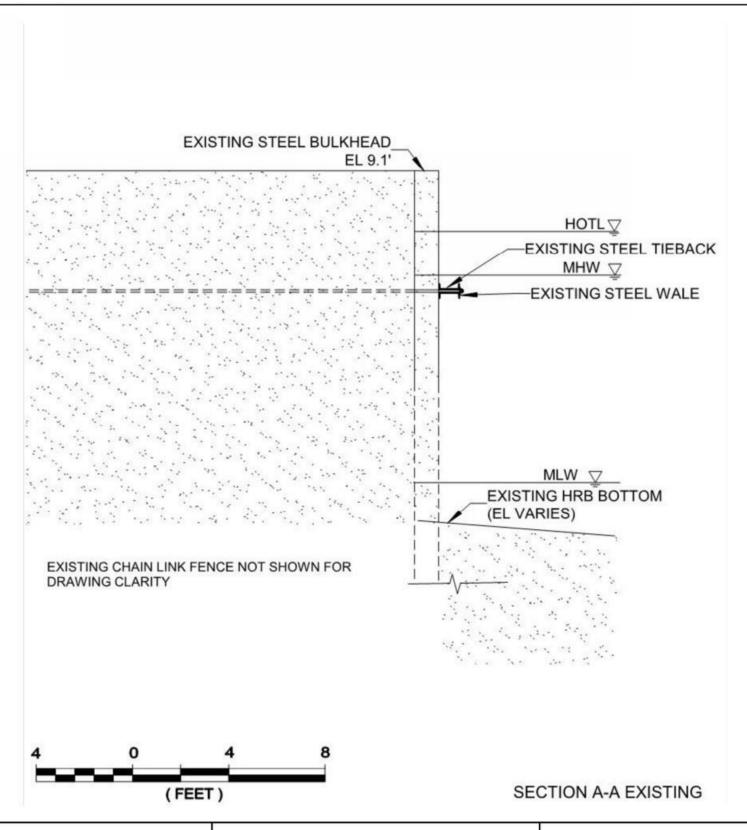
SEABROOK, NH.

PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

SCALE: 1"=4' DATE: 4/30/2019

Prepared for:









TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154

EXISTING SECTION A-A

IN

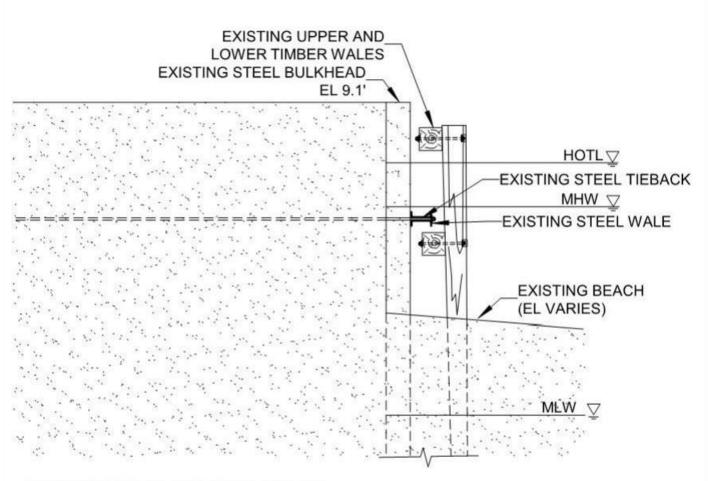
SEABROOK, NH.

PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

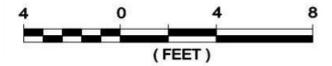
SCALE: 1"=4' DATE: 4/30/2019

Prepared for:





EXISTING CHAIN LINK FENCE NOT SHOWN FOR DRAWING CLARITY



SECTION B-B EXISTING

Prepared by:



TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154

EXISTING SECTION B-B

IN

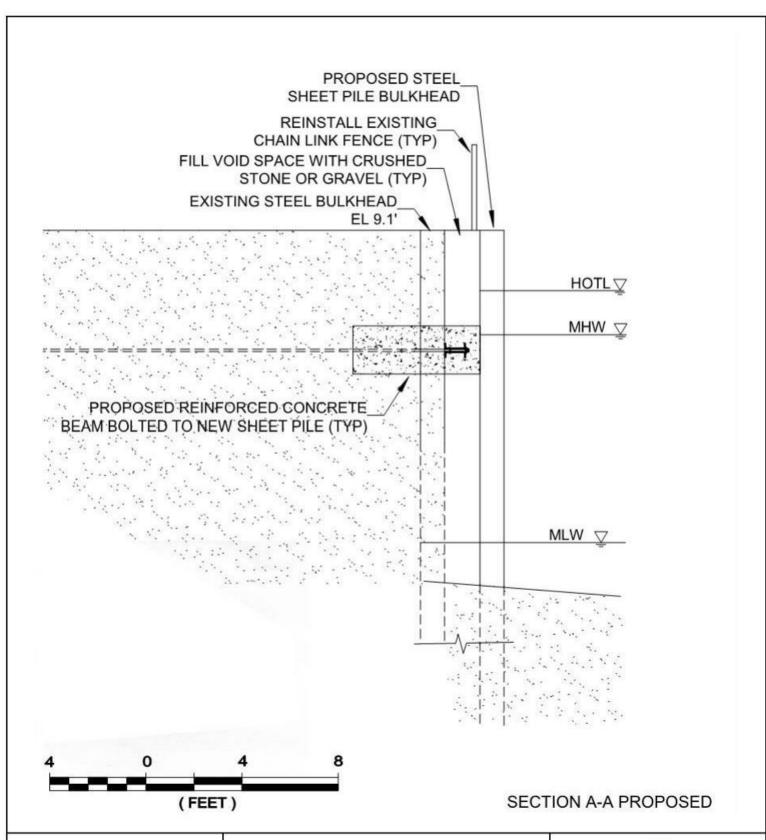
SEABROOK, NH.

PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

SCALE: 1"=4' DATE: 4/30/2019

Prepared for





Prepared by:



TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154

PROPOSED SECTION A-A

IN

SEABROOK, NH.

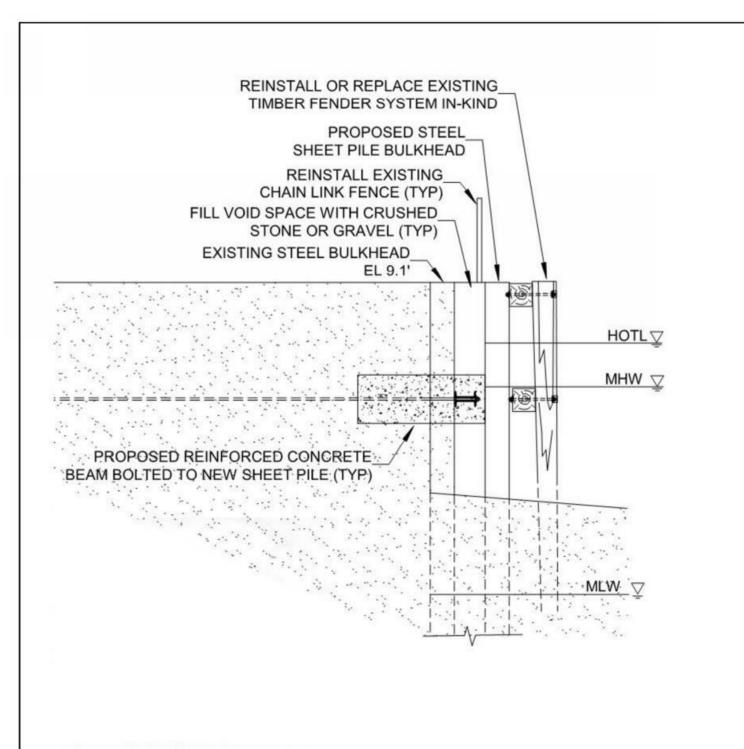
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SECTION B-B PROPOSED

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TEC, Inc. 169 Ocean Blvd, Unit 3 PO Box 249 Hampton, NH 03842 603-601-8154 PROPOSED SECTION B-B

SEABROOK, NH.

PROPOSED BULKHEAD REPLACEMENT HARBORSIDE PARK 725 OCEAN BOULEVARD SEABROOK, NH 03874

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