

**Connecticut Department of Energy and Environmental Protection License\***

**General Permit for Coastal Maintenance (DEEP-OLISP-GP-2015-02) - Approval of Registration**

<b>Licensee(s):</b>	Southern Connecticut Gas Company
<b>Licensee Address(s):</b>	c/o Shawn C. Crosbie 180 Marsh Hill Road Orange, CT 06477
<b>License Number(s):</b>	202011958-LISGP
<b>Municipality:</b>	City of New Haven
<b>Project Description:</b>	Placement of a temporary sediment cap to prevent chemicals from entering the river at the site known as the Chapel Street MGP
<b>Project Address/Location:</b>	347 Chapel Street
<b>Waters:</b>	Mill River
<b>Authorizing CT Statute(s) and/or Federal Law:</b>	CGS Section 22a-359 to 363g; CGS Section 22a-90 to 112
<b>Applicable Regulations of CT State Agencies:</b>	
<b>Agency Contact:</b>	Land & Water Resources Division, Bureau of Water Protection & Land Reuse, 860-424-3019
<b>License Expiration:</b>	Five (5) years from the date of issuance of this license.
<b>Project Site Plan Set:</b>	Eight sheets of plans including Sheet G-100 dated 7/8/2020 and Sheet G-101, Sheets C-100, C-101, C-200 through C-202 and C-300 dated 6/29/2020 and revised 7/8/2020
<b>License Enclosures:</b>	General Permit - Coastal Maintenance ; Land Record Filing ; LWRD Compliance Certification Form ; LWRD General Conditions ; LWRD Work Commencement Form ; Site Plan Set

\*Connecticut's Uniform Administrative Procedure Act defines License to include, "the whole or part of any agency permit, certificate, approval, registration, charter or similar form of permission required by law . . ."

**Authorized Activities:**

The Licensee is hereby authorized to conduct the following work as described in application # 202011958-LISGP and as depicted on any site plan sheets / sets cited herein:

1. Remove concrete, wood, and other debris located in the proposed sediment cap placement area;
2. Install a temporary sediment cap as an interim remedial measure (IRM) at two separate subaqueous locations over a total 9,200 square foot (sf) area within the Mill River along the eastern shoreline of the site in order to reduce the sheen emanating from near-shore sediments. The sediment cap will be up to seven (7) inches thick and will be placed immediately adjacent to the upland seawall and will extend waterward of Mean High Water and past the Mean Low Water in most areas extending no further than 50 feet into the Mill River. The sediment cap will be placed as described in paragraph 4 of the Terms and Conditions, below.

***Failure to comply with the terms and conditions of this license shall subject the Licensee and / or the Licensee's contractor(s) to enforcement actions and penalties as provided by law.***

**This license is subject to the following Terms and Conditions:**

1. **License Enclosure(s) and Conditions.** The Licensee shall comply with all applicable terms and conditions as may be stipulated within the License Enclosure(s) listed above.
2. **Turbidity Curtain Requirement.** Work authorized herein conducted between February 1<sup>st</sup> and June 30<sup>th</sup>, inclusive, of any year, shall be contained within Type III turbidity curtains to protect winter flounder and diadromous fish. Said curtains shall not be placed in the navigation channel and shall be maintained and serviceable until the cap placement has been completed.
3. **Time-of-day Restriction.** Work authorized herein involving loud construction-related activities, such as pile driving or jackhammering, is prohibited from sunset to sunrise between April 1<sup>st</sup> and June 30<sup>th</sup>, inclusive, of any year, in order to protect diadromous fish unless otherwise authorized in writing by the Commissioner.
4. **Work Sequencing & Methodology.** The work shall be conducted as follows from equipment staged on the upland and by workers located in the river, possibly using a skid steer, except as may be modified in writing by the Commissioner:
  - A. Remove approximately 10 cubic yards (cy) of concrete, wood, and other debris located in the proposed sediment cap placement area to the extent practicable to provide a smooth surface for placement of the Interim Remedial Measure (IRM). Approximately 45 wood pile "stubs" present within the work area will be cut further or pushed/vibrated, to the extent practicable, to lower the tops to the sediment surface. Additional cap material may be required around the remaining wood pile stubs, depending on the success of cutting and pushing the wood pile stubs.
  - B. Geotextile fabric, permeable to gas and water flow, will be placed on top of the sediment surface to provide additional strength to the soft sediments and help support the capping

materials. The fabric will cover a total of approximately 9,200 sf between the two areas to be capped.

- C. Once geotextile has been placed and is secure, a "leveling layer" of approximately 108 cy of sand and 75 cy of a sorbent material, to be determined by DEEP, Remediation Division, will be placed which is necessary to create a smooth surface for placement of the remaining cap layers. The composition of the leveling layer will vary across the two IRM areas, focusing adsorptive materials in areas of active sheen generation to maximize adsorption. The thickness of the leveling layer will also vary to accommodate uneven surfaces and debris (including wood pile stubs) that cannot be removed. The leveling layer will generally be no thicker than 6 inches, depending on the success in removing debris and wood pile stubs. The leveling layer will increase to approximately 12 inches in thickness at the base of the seawall, tapering down to 6 inches in thickness 3 feet out from the seawall, at IRM Area 1 to provide filtration of groundwater seepage at the base of the seawall. Due to compression of the soft sediments underlying the IRM materials, the likely net increase in elevation will be less than the theoretical thickness of the placed materials.
- D. Following placement of the "leveling layer", two permeable geotextiles with an inner core of sorptive material and will be less than one-half inch thick, to be determined by DEEP, Remediation Division, will be installed at each of the two IRM locations, will cover the 9,200 sf area, will overlap by a minimum of 2 feet at the edges and may be anchored to the seawall.
- E. If deemed necessary by the engineer, a chain link fence will be placed on top of the RCM to act as a protective layer of distributed weight to hold the materials in place. The fencing will extend 5 feet beyond the RCM to provide a form of stabilization.
5. **Compliance.** The work authorized herein shall comply with CTDEEP Consent Order SRD-231 for environmental investigation and remediation related to releases to the Mill River in 2008 (Case Number 2008-04476) and 2014 (Case Number 2014-04900), except as may be modified in writing by CTDEEP.
6. **Removal of Cap.** The cap may remain in place for a maximum of 10 years pending a final environmental remedy at which time the cap shall be removed, except as may be modified in writing by the Commissioner.
7. **Barge Storage.** At no time shall any barge be stored over intertidal flats, submerged aquatic vegetation or tidal wetland vegetation or in a location that interferes with navigation. In the event any barge associated with the work authorized herein is grounded, no dragging or prop dredging shall occur to free the barge.
8. **Vessel Restriction.** The Licensee shall ensure that any vessel utilized in the execution of the work authorized herein shall not rest on, or come in contact with, the substrate at any time.
9. **Debris and Piling Removal.** Wooden pilings and concrete chunks authorized to be removed pursuant to the Authorized Activities shall be disposed of at an upland location approved for the disposal of such waste material, as applicable.

Issued under the authority of the Commissioner of Energy and Environmental Protection on:

December 9, 2020

Date



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Brian P. Thompson  
Division Director  
Land & Water Resources Division

### **LWRD General Conditions**

- 1. Land Record Filing (for *Structures Dredging & Fill, Tidal Wetlands, Certificate of Permission, and Long Island Sound General Permit Licenses only*).** The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance. If a Land Record Filing form is not enclosed and the work site is not associated with an upland property, no filing is required.
- 2. Contractor Notification.** The Licensee shall give a copy of the license and its attachments to the contractor(s) who will be carrying out the authorized activities prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The Licensee's contractor(s) shall conduct all operations at the site in full compliance with the license and, to the extent provided by law, may be held liable for any violation of the terms and conditions of the license. At the work site, the contractor(s) shall, whenever work is being performed, have on site and make available for inspection a copy of the license and the authorized plans.
- 3. Work Commencement<sup>1</sup>.** Not later than two (2) weeks prior to the commencement of any work authorized herein, the Licensee shall submit to the Commissioner, on the Work Commencement Form attached hereto, the name(s) and address(es) of all contractor(s) employed to conduct such work and the expected date for commencement and completion of such work, if any.
  - For water diversion activities authorized pursuant to 22a-377(c)-1 of the Regulations of Connecticut State Agencies, the Licensee shall also notify the Commissioner in writing two weeks prior to initiating the authorized diversion.
  - For emergency activities authorized pursuant Connecticut General Statutes Section 22a-6k, the Licensee shall notify the Commissioner, in writing, of activity commencement at least one (1) day prior to construction and of activity completion no later than five (5) days after conclusion.
- 4. For Coastal Licenses Only - License Notice.** The Licensee shall post the first page of the License in a conspicuous place at the work area while the work authorized therein is undertaken.
- 5. Unauthorized Activities.** Except as specifically authorized, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be

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<sup>1</sup> The Work Commencement condition and the need for a Work Commencement Form is not applicable to Flood Management Certification approvals.

deposited, placed or stored in any wetland or watercourse on or off-site. The Licensee may not conduct work within wetlands or watercourses other than as specifically authorized, unless otherwise authorized in writing by the Commissioner. Tidal wetlands means “wetland” as defined by section 22a-29 and “freshwater wetlands and watercourses” means “wetlands” and “watercourses” as defined by section 22a-38.

6. **Unconfined Instream Work.** Unless otherwise noted in a condition of the license, the following conditions apply to projects in non-coastal waters:
  - Unconfined instream work is limited to the period June 1 through September 30.
  - Confinement of a work area by cofferdam techniques using sand bag placement, sheet pile installation (vibratory method only), portadam, or similar confinement devices is allowed any time of the year. The removal of such confinement devices is allowed any time of the year.
  - Once a work area has been confined, in-water work within the confined area is allowed any time of the year.
  - The confinement technique used shall completely isolate and protect the confined area from all flowing water. The use of silt boom/curtain or similar technique as a means for confinement is prohibited.
7. **For State Actions Only - Material or Equipment Storage in the Floodplain.** Unless approved by a Flood Management Exemption, the storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the Licensee or the Licensee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day. In accordance with the licensee's Flood Contingency Plan, the Licensee shall remove equipment and materials from the floodplain during periods when flood warnings have been issued or are anticipated by a responsible federal, state or local agency. It shall be the Licensee's responsibility to obtain such warnings when flooding is anticipated.
8. **Temporary Hydraulic Facilities for Water Handling.** If not reviewed and approved as a part of the license application, temporary hydraulic facilities shall be designed by a qualified professional and in accordance with the *Connecticut Guidelines for Soil Erosion and Sediment Control*, the *2004 Connecticut Stormwater Quality Manual*, or the *Department of Transportation's ConnDOT Drainage Manual*, as applicable. Temporary hydraulic facilities may include channels, culverts or bridges which are required for haul roads, channel relocations, culvert installations, bridge construction, temporary roads, or detours.
9. **Excavated Materials.** Unless otherwise authorized, all excavated material shall be staged and managed in a manner which prevents additional impacts to wetlands and watercourses.
10. **Best Management Practices.** The Licensee shall not cause or allow pollution of any wetlands or watercourses, including pollution resulting from sedimentation and erosion. In constructing



or maintaining any authorized structure or facility or conducting any authorized activity, or in removing any such structure or facility, the Licensee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. For purposes of the license, “pollution” means “pollution” as that term is defined by CGS section 22a-423. Best Management Practices include, but are not limited, to practices identified in the *Connecticut Guidelines for Soil Erosion and Sediment Control* as revised, *2004 Connecticut Stormwater Quality Manual*, Department of Transportation’s *ConnDOT Drainage Manual* as revised, and the Department of Transportation Standard Specifications as revised.

**11. Work Site Restoration.** Upon completion of any authorized work, the Licensee shall restore all areas impacted by construction, or used as a staging area or accessway in connection with such work, to their condition prior to the commencement of such work.

**12. Inspection.** The Licensee shall allow any representative of the Commissioner to inspect the project location at reasonable times to ensure that work is being or has been conducted in accordance with the terms and conditions of this license.

**13. Change of Use. (Applies only if a use is specified within the License “Project Description”)**

- a. The work specified in the license is authorized solely for the purpose set forth in the license. No change in purpose or use of the authorized work or facilities as set forth in the license may occur without the prior written approval of the Commissioner. The Licensee shall, prior to undertaking or allowing any change in use or purpose from that which is authorized by this license, request permission from the Commissioner for such change. Said request shall be in writing and shall describe the proposed change and the reason for the change.
- b. A change in the form of ownership of any structure authorized herein from a rental/lease commercial marina to a wholly-owned common interest community or dockominium may constitute a change in purpose as specified in paragraph (a) above.

**14. De Minimis Alteration.** The Licensee shall not deviate from the authorized activity without prior written approval from the Commissioner. The Licensee may request a de minimis change to any authorized structure, facility, or activity. A de minimis alteration means a change in the authorized design, construction or operation that individually and cumulatively has minimal additional environmental impact and does not substantively alter the project as authorized.

- For diversion activities authorized pursuant to 22a-377(c)-2 of the Regulations of Connecticut State Agencies, a de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

**15. Extension Request.** The Licensee may request an extension of the license expiration date. Such request shall be in writing and shall be submitted to the Commissioner at least thirty (30) days prior to the license expiration. Such request shall describe the work done to date, what work still needs to be completed, and the reason for such extension. It shall be the Commissioner’s sole discretion to grant or deny such request.

- 16. Compliance Certification.** Not later than 90 days after completion of the authorized work, the Licensee shall prepare and submit to the Commissioner the attached Compliance Certification Form. Such Compliance Certification shall be completed, signed, and sealed by the Licensee and a Connecticut Licensed Design Professional. If non-compliance is indicated on the form, or the Commissioner has reason to believe the activities and/or structures were conducted in non-compliance with the license, the Commissioner may require the Licensee to submit as-built plans as a condition of this license.
- 17. Maintenance.** The Licensee shall maintain all authorized structures or work in optimal condition or shall remove such structures or facility and restore the affected waters to their pre-work condition. Any such maintenance or removal activity shall be conducted in accordance with applicable law and any additional approvals required by law.
- 18. No Work After License Expiration.** Work conducted after the license expiration date is a violation of the license and may subject the licensee to enforcement action, including penalties, as provided by law.
- 19. License Transfer.** The license is not transferable without prior written authorization of the Commissioner. A request to transfer a license shall be submitted in writing and shall describe the proposed transfer and the reason for such transfer. The Licensee's obligations under the license shall not be affected by the passage of title to the license site to any other person or municipality until such time as a transfer is approved by the Commissioner.
- 20. Document Submission.** Any document required to be submitted to the Commissioner under the license or any contact required to be made with the Commissioner shall, unless otherwise specified in writing by the Commissioner, be directed to:
- Regulatory Section  
Land & Water Resources Division  
Department of Energy and Environmental Protection  
79 Elm Street  
Hartford, Connecticut 06106-5127  
860-424-3019
- 21. Date of Document Submission.** The date of submission to the Commissioner of any document required by the license shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under the license, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three (3) days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in the license, the word "day" as used in the license means calendar day. Any document or action which is required by the license to be submitted or performed by a date which falls on a Saturday, Sunday or a Connecticut or federal holiday shall be submitted or performed on or before the next day which is not a Saturday, Sunday, or a Connecticut or federal holiday.
- 22. Certification of Documents.** Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under the license shall be signed by the Licensee and by the individual or individuals responsible for actually preparing such



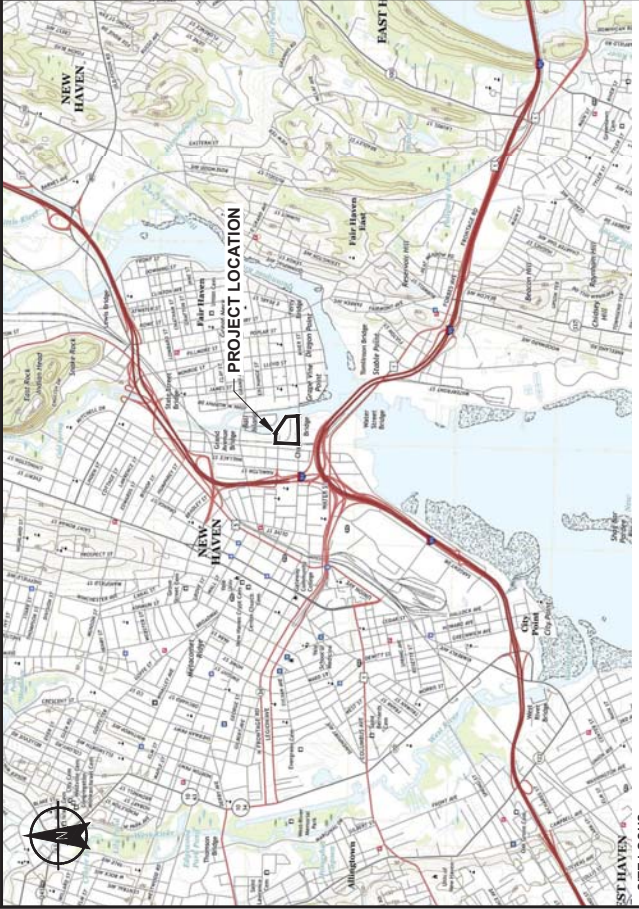
document, each of whom shall certify in writing as follows: “I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.”

- 23. Accuracy of Documentation.** In evaluating the application for the license, the Commissioner has relied on information and data provided by the Licensee and on the Licensee’s representations concerning site conditions, design specifications and the proposed work, including but not limited to representations concerning the commercial, public or private nature of the work or structures, the water-dependency of said work or structures, its availability for access by the general public, and the ownership of regulated structures or filled areas. If such information proves to be false, deceptive, incomplete or inaccurate, the license may be modified, suspended or revoked, and any unauthorized activities may be subject to enforcement action.
- 24. Limits of Liability.** In granting the license, the Commissioner has relied on all representations of the Licensee, including information and data provided in support of the Licensee’s application. Neither the Licensee’s representations nor the issuance of the license shall constitute an assurance by the Commissioner as to the structural integrity, the engineering feasibility or the efficacy of such design.
- 25. Reporting of Violations.** In the event that the Licensee becomes aware that they did not or may not comply, or did not or may not comply on time, with any provision of this license or of any document incorporated into the license, the Licensee shall immediately notify the agency contact specified within the license and shall take all reasonable steps to ensure that any noncompliance or delay is avoided or, if unavoidable, is minimized to the greatest extent possible. In so notifying the agency contact, the Licensee shall provide, for the agency’s review and written approval, a report including the following information:
- a. the provision(s) of the license that has been violated;
  - b. the date and time the violation(s) was first observed and by whom;
  - c. the cause of the violation(s), if known;
  - d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
  - e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
  - f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented; and
  - g. the signatures of the Licensee and of the individual(s) responsible for actually preparing such report.

If the violation occurs outside of normal business hours, the Licensee shall contact the Department of Energy and Environmental Protection Emergency Dispatch at 860-424-3333. The Licensee shall comply with any dates which may be approved in writing by the

Commissioner.

- 26. Revocation/Suspension/Modification.** The license may be revoked, suspended, or modified in accordance with applicable law.
- 27. Other Required Approvals.** License issuance does not relieve the Licensee of their obligations to obtain any other approvals required by applicable federal, state and local law.
- 28. Rights.** The license is subject to and does not derogate any present or future property rights or powers of the State of Connecticut, and conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the property or activity affected hereby.
- 29. Condition Conflicts.** In the case where a project specific special condition listed on the license differs from, or conflicts with, one of the general conditions listed herein, the project specific special condition language shall prevail. It is the licensee's responsibility to contact the agency contact person listed on the license for clarification if needed prior to conducting any further regulated activities.



**SITE LOCUS**  
FIG. 1 SOURCE: MICROSOFT MAPS, NEW HAVEN AND  
BANKS, CONNECTICUT QUADRANGLES (2018).



**SITE AERIAL**  
MAP SOURCE: 2018 MICROSOFT CORPORATION © DIGITAL GLOBE © ONES DISTRIBUTION ARRIS DS

# FORMER CHAPEL ST. MGP MILL RIVER INTERIM REMEDIAL MEASURE

## 347 CHAPEL STREET NEW HAVEN, CT

**HALEY ALDRICH**  
HALEY & ALDRICH, INC.  
155 West Street, Suite 400  
New Haven, CT 06510-2930  
www.haleyaldrich.com

**WORKING  
DRAFT**

Project No.: 131638  
Scale: AS SHOWN  
Date: JUNE 2020  
Drawn By: JG  
Designed By: JG  
Checked By: MA  
Reviewed By: MA  
Stamp:

DRAWING INDEX	
SHEET NO.	SHEET TITLE DESCRIPTION
1	TITLE SHEET
2	LEGEND AND NOTES
3	EXISTING CONDITIONS, IRM AREA 1
4	EXISTING CONDITIONS, IRM AREA 2
5	IRM AREA 1 REMEDIAL MEASURE
6	IRM AREA 2 REMEDIAL MEASURE
7	INTERIM REMEDIAL MEASURE, CROSS SECTION
8	INTERIM REMEDIAL MEASURE, DETAILS

FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE  
347 CHAPEL STREET  
NEW HAVEN, CT

TITLE SHEET

G-100

Sheet 1 of 8

1. CONTRACTOR IS CAUTIONED THAT THE MILL RIVER IS NOT A DEAD CONTRACTOR SHALL TAKE NECESSARY MEASURES IN ORDER TO DEAL WITH ANY WATER FLUCTUATIONS.
2. CONTRACTORS PLACED UNDER THIS MILL RIVER IS AN UNPAIDABLE RIVER AND THAT ANY OBSTRUCTION PLACED WITHIN OR ADJACENT TO THE RIVER IN CONNECTION WITH THE CONSTRUCTION SHALL BE AT RISK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL OBSTRUCTIONS FROM THE RIVER CHANNELS AND BANKS BUT NOT NECESSARILY LIMITED TO WARNING SIGNS, FLAGGERS AND LIGHTS.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THE WORKER AND THE PUBLIC. THESE PRECAUTIONS INCLUDE: TRAFFIC CONTROL THEREOF INCLUDING BUILDINGS, PESTS, HAZARDOUS WALKS, MOVEMENTS, ROADWAYS, STRUCTURES, UTILITIES AND UNDERGROUND FACILITIES NOT DESIGNATED FOR REMOVAL, RELOCATION OR REPAIRMENT ON THE PLANDRAWINGS; TRAFFIC CONTROL, SIGNAGE, FLAGMEN, TRAFFIC SIGNALS, STOP AND YIELD SIGNS, AND FLAGMAN PUBLIC PAIDS STREET CLOSURE OR HIGHWAYS AT ALL TIMES.
4. DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL COMPLY WITH ALL ORDINANCES, LAWS, RULES AND REGULATIONS OF THE CITY OF CHICAGO CONCERNING DISORDERLY CONDUCT IN THE CONSTRUCTION DOCUMENTS BEFORE THE CONTRACTOR SHALL REPORT TO THE ENGINEER IN WRITING AT ONCE AND BEFORE PROCEEDING WITH THE UNDERTAKED WORK. THE ENGINEER SHALL PROVIDE A WRITTEN IN REPRISAL OF THE RESPONSE.
5. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALIGNMENT AND GRADES SHALL REST UPON THE CONTRACTOR.

## CONSTRUCTION AND MATERIAL SPECIFICATIONS

## LIMITS OF WORK

1. THE CONTRACTOR'S CONSTRUCTION OPERATIONS ARE CONFINED TO THE LIMITS OF WORK AREA AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL USE THE APPROPRIATE CONSTRUCTION METHODS TO PREVENT FROM DISTURBING ANY AREA OUTSIDE THESE AREAS.

## TEMPORARY CAP CONSTRUCTION SEQUENCE

1. REMOVE LOOSE SURFACE DEBRIS FROM OVERBANK SUCH AS LOGS, WOOD BRICKS, ETC. IF NEEDED, VIBRATE/PILE REMAINING WOOD PILE STUDS INTO SEDIMENT.
2. PLACE GEOTEXTILE FABRIC.
3. PLACE LEVELING MATERIAL. LEVELING MATERIAL VARIES AS SHOWN IN DETAILS 1A, 1B, AND 1C. SEE SHEET C300. SEE SHEETS E2000 AND E201 FOR PLAN EXTENTS OF EACH ROW TYPE.
4. INSTALL ROW OVER LEVELING MATERIAL. OVERLAPS SHALL BE A MINIMUM OF 2 FT AS SHOWN.
5. INSTALL CHAIN LINK FENCING FABRIC ON TOP OF ROW.
6. ADDITIONAL ANCHORING MAY BE NEEDED AND WILL BE ASSESSED IN THE FIELD BASED ON ACTUAL CONDITIONS.

## PIPE PLUGGING CONSTRUCTION SEQUENCE

1. LOCATE PIPES EXITING THE SEAWALL ALONG RM AREA 1.
2. PROBE EACH PIPE UP TO 6 FT BACK FROM OUTFALL TO CONFIRM PIPE IS INACTIVE.
3. IF AN OPEN PIPE IS IDENTIFIED, REPORT FINDING TO ENGINEER.
4. WITH APPROVAL OF ENGINEER, CAP INACTIVE PIPES WITH CONCRETE OR HYDRAULIC CEMENT.

## SURVEY

1. INTENSITY SYSTEM PERFORMED BY OCEAN SURVEYS, ON 8 & JULY 2020.
2. GRID SYSTEM IN FEET AND IS THE CONNECTED STATE PLANE COORDINATE SYSTEM DATA83.
3. SURVEY DEPTHS WERE MEASURED IN FEET AND REFERENCED TO NAVD 83 BASED ON BENCHMARK 3 "I", WHICH HAS AN ELEVATION OF 14.34 FEET NAVD 83. DEPTHS WERE OBTAINED FROM THE NATIONAL GEODETIC SURVEY. DEPTHS WERE CONVERTED TO METERS BY DIVIDING BY 3.28084.
4. DATA FOR THE 1970'S WERE OBTAINED FROM THE NATIONAL GEODETIC SURVEY. DATA FOR THE 1980'S WERE OBTAINED FROM THE U.S. ARMY CORPS OF ENGINEERS JULY 2017 "NEW HAVEN HARBOR, NEW HAVEN, CONNECTICUT, MILL RIVER CONDITION SURVEY".
5. NAVIGATIONAL CHANNEL BUOY CENTER APPROXIMATELY 30 FEET WERE BASED ON 3X DEPTHS FROM THE 1970'S AND 1980'S. DEPTHS FROM THE 1990'S WERE PROVIDED BY ENGINEERS NEW ENGLAND AND SUBJECT DATED JULY 2017.
6. 2D RASTER DATA SOURCE: BGS/NAVY NAUTICAL SURVEYING, INC. (A.S.), DECEMBER 2014. DATA RECEIVED IN ELECTRONIC FORMAT.
7. FLOODWAY AND FLOOD HAZARD AREA DATA SOURCE: FEDERAL EMERGENCY MANAGEMENT AGENCY, DIGITAL FLOOD INSURANCE MAP DATABASE, FLOOD INSURANCE RISK ZONES, JULY 2013.
8. FLOODWAY AND FLOOD HAZARD DATA SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL OCEAN SERVICE, COASTAL SURVEY CHART 12371, 20TH EDITION, SEPTEMBER 2012, LAST CORRECTED 27 APRIL 2018.
9. CL. DATA SOURCE: CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL CONTROL, FLOODWAY AND FLOOD HAZARD DATA SOURCE: NATIONAL ASSOCIATION OF STATE DEPTHS, JULY 2017. ELEVATIONS ARE UNKNOWN.

## PRE AND POST CONSTRUCTION SURVEY

1. PRIOR TO CONSTRUCTION, MAKE DIGITAL VIDEO RECORDING OF THE ENTIRE PROJECT AREA INCLUDING THE PUBLIC RIGHT-OF-WAY AND EASEMENTS. THIS WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
2. THE DIGITAL PHOTOGRAPHS AND MAPPING SHALL SHOW ALL DEFECTS IN STRUCTURES.

## GENERAL NOTES

3. FOLLOWING CONSTRUCTION MAKE DIGITAL VIDEO RECORDING OF THE ENTIRE PROJECT AREA INCLUDING THE PUBLIC RIGHT-OF-WAY AND EASEMENTS. THIS WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
4. RETAIN A LAND SURVEYOR WHO SHALL PERFORM ENGINEERING SURVEYING NECESSARY FOR SPECIFIED SURVEYS. SURVEYOR SHALL PRODUCE ELECTRONIC SUBMITTALS IN AUTOCAD SOFTWARE PLATFORM. ALL DATA POINTS SHALL BE SUBMITTED IN AN EXCEL SPREADSHEETS.
5. PROVIDE SURVEY INCLUDING COORDINATES AND ELEVATIONS FOR:
  - a. AS-BUILT SURVEY AT COMPLETION OF CONSTRUCTION

## CONSTRUCTION AND MATERIAL SPECIFICATIONS

1. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW MATERIALS AND SHALL BE OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE CONTEMPLATED. THE CONTRACTOR SHALL FURNISH, IF SO REQUIRED, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP.
2. ALL ITEMS OF EQUIPMENT AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTION MUST BE APPROVED BY THE ENGINEER IN WRITING AND SHALL BE OF EQUAL OR BETTER QUALITY THAN THE EQUIPMENT AND/OR MATERIALS TO BE REPLACED. ANY SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES THE ENGINEER'S WRITTEN APPROVAL. IF THE CONTRACTOR REQUESTS APPROVAL FOR ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.

## LIMITS OF WORK

1. THE CONTRACTOR'S CONSTRUCTION OPERATIONS ARE CONFINED TO THE LIMITS OF WORK AREA AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL USE THE APPROPRIATE CONSTRUCTION METHODS TO PREVENT FROM DISTURBING ANY AREA OUTSIDE THESE AREAS.

## TEMPORARY CAP CONSTRUCTION SEQUENCE

1. REMOVE LOOSE SURFACE DEBRIS FROM OVERBANK SUCH AS LOGS, WOOD BRICKS, ETC. IF NEEDED, VIBRATE/PILE REMAINING WOOD PILE STUDS INTO SEDIMENT.
2. PLACE GEOTEXTILE FABRIC.
3. PLACE LEVELING MATERIAL. LEVELING MATERIAL VARIES AS SHOWN IN DETAILS 1A, 1B, AND 1C. SEE SHEET C300. SEE SHEETS C200 AND C201 FOR PLAN EXTENTS OF EACH ROW TYPE.
4. INSTALL ROW OVER LEVELING MATERIAL. OVERLAPS SHALL BE A MINIMUM OF 2 FT AS SHOWN.
5. INSTALL CHAIN LINK FENCING FABRIC ON TOP OF ROW.
6. ADDITIONAL ANCHORING MAY BE NEEDED AND WILL BE ASSESSED IN THE FIELD BASED ON ACTUAL CONDITIONS.

## PIPE PLUGGING CONSTRUCTION SEQUENCE

1. LOCATE PIPES EXITING THE SEAWALL ALONG RM AREA 1.
2. PROBE EACH PIPE UP TO 6 FT BACK FROM OUTFALL TO CONFIRM PIPE IS INACTIVE.
3. IF AN OPEN PIPE IS IDENTIFIED, REPORT FINDING TO ENGINEER.
4. WITH APPROVAL OF ENGINEER, CAP INACTIVE PIPES WITH CONCRETE OR HYDRAULIC CEMENT.

## SURVEY

1. INTENSITY SYSTEM PERFORMED BY OCEAN SURVEYS, ON 8 & JULY 2020.
2. GRID SYSTEM IN FEET AND IS THE CONNECTED STATE PLANE COORDINATE SYSTEM DATA83.
3. SURVEY DEPTHS WERE MEASURED IN FEET AND REFERENCED TO NAVD 83 BASED ON BENCHMARK 3 "I", WHICH HAS AN ELEVATION OF 14.34 FEET NAVD 83. DEPTHS WERE OBTAINED FROM THE NATIONAL GEODETIC SURVEY. DEPTHS WERE CONVERTED TO METERS BY DIVIDING BY 3.28084.
4. DATA WAS COLLECTED BY THE U.S. ARMY CORPS OF ENGINEERS JULY 2017 "NEW HAVEN HARBOR, NEW HAVEN, CONNECTICUT, MILL RIVER CONDITION SURVEY".
5. NAVIGATIONAL CHANNEL BUOY CENTER APPROXIMATELY 30 FEET WIDE BASED ON 3X 10' SURVEY DATA SOURCE: BUREAU OF MARITIME SURVEYING, INC. (A-5), DECEMBER 2014.
6. 2D SURVEY DATA SOURCE: BUREAU OF MARITIME SURVEYING, INC. (A-5), DECEMBER 2014. SURVEY RECEIVED IN ELECTRONIC FORMAT.
7. FIDUCIARY AND DATA SOURCE: FEDERAL EMERGENCY MANAGEMENT AGENCY, DIGITAL FLOOD INSURANCE MAP DATABASE, FLOOD INSURANCE RISK ZONES, JULY 2013.
8. FIDUCIARY AND DATA SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL COASTAL SERVICE, COASTAL CHART 1221, 20TH EDITION, SEPTEMBER 2012, LAST CORRECTED 27 APRIL 2018.
9. CL. DATA SOURCES: CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL CONTROL, STATE AND SOUND PROGRAMS, COASTAL EROSION, COASTAL SUBSIDION, AND ELEVATIONS, DATE UNKNOWN.

## PRE AND POST CONSTRUCTION SURVEY

1. PRIOR TO CONSTRUCTION, MAKE DIGITAL VIDEO RECORDING OF THE ENTIRE PROJECT AREA INCLUDING THE PUBLIC RIGHT-OF-WAY AND EASEMENTS. THIS WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
2. THE DIGITAL PHOTOGRAPHS AND MAPPING SHALL SHOW ALL DEFECTS IN STRUCTURES.

HALEY & ALDRICH, INC.  
1956 Webster Street, Suite 450  
Oakland, CA 94612-2930  
Tel: 510.879.4544  
[www.haleyaldrich.com](http://www.haleyaldrich.com)

**WORKING  
DRAFT**

Project No.:	131638
Scale:	AS SHOWN
Date:	29-JUNE-2020
Drawn By:	OS
Designed By:	JS
Checked By:	MA
Approved By:	MA
Stamp:	

[illegible]

FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE

LEGEND AND  
NOTES

G-101

Sheet: 2 of 8

	RRI AREA BOUNDARY
	TYPE I REACTIVE CAP
	TYPE 2 REACTIVE CAP
	CONCRETE SEA WALL
	CHAIN LINK FENCE
	CONCRETE BARRIER
	RETROFIT/RECOVERY WELL
	SITE TENANT STOCKPILE AREA
	EXISTING CONCRETE STRUCTURE
	ELECTRICAL OVERHEAD LINE
	STORM DRAIN
	GAS LINE
	5 FOOT BATHYMETRY CONTOUR
	1 FOOT BATHYMETRY CONTOUR
	MLW (6.4 FT ABOVE MLW (EL. 2.78 NAVD83))
	MHW (6.72 FT ABOVE MLW (EL. 3.08 NAVD83))
	COASTAL JURISDICTION LINE (8.24 FT ABOVE MLW (EL. 4.6 NAVD83))
	MLW (0.2 FT ABOVE MLW (EL. 3.44 NAVD83))
	NAVIGATION CHANNEL
	NAVIGATION CHANNEL BUFFER ZONE
	RIVER EBB AND FLOOD
	SILT CURTAIN
	SAND
	AQUAGRADE
	REACTIVE CORE MAT (RCM)
	CHAIN-LINK FENCING FABRIC
	GEOTEXTILE
	DETAIL CALL-OUT
	CROSS SECTION CALL-OUT

[illegible]

FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE

LEGEND AND  
NOTES

G-101

Sheet: 2 of 8



**WORKING  
DRAFT**

Project No.:	131638
Scale:	AS SHOWN
Date:	29-JUNE-2020
Drawn By:	OS
Designed By:	JS
Checked By:	MA
Approved By:	MA
Signature:	

Rev	Description	By	Date
A	CONCEPTUAL DRAFT DESIGN	MA	07/06/2011

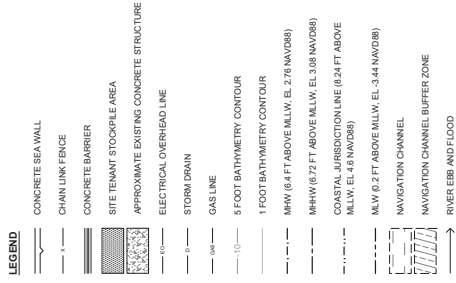
FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE

347 CHAPEL STREET  
NEW HAVEN, CT

EXISTING  
CONDITIONS, IRM  
AREA 1

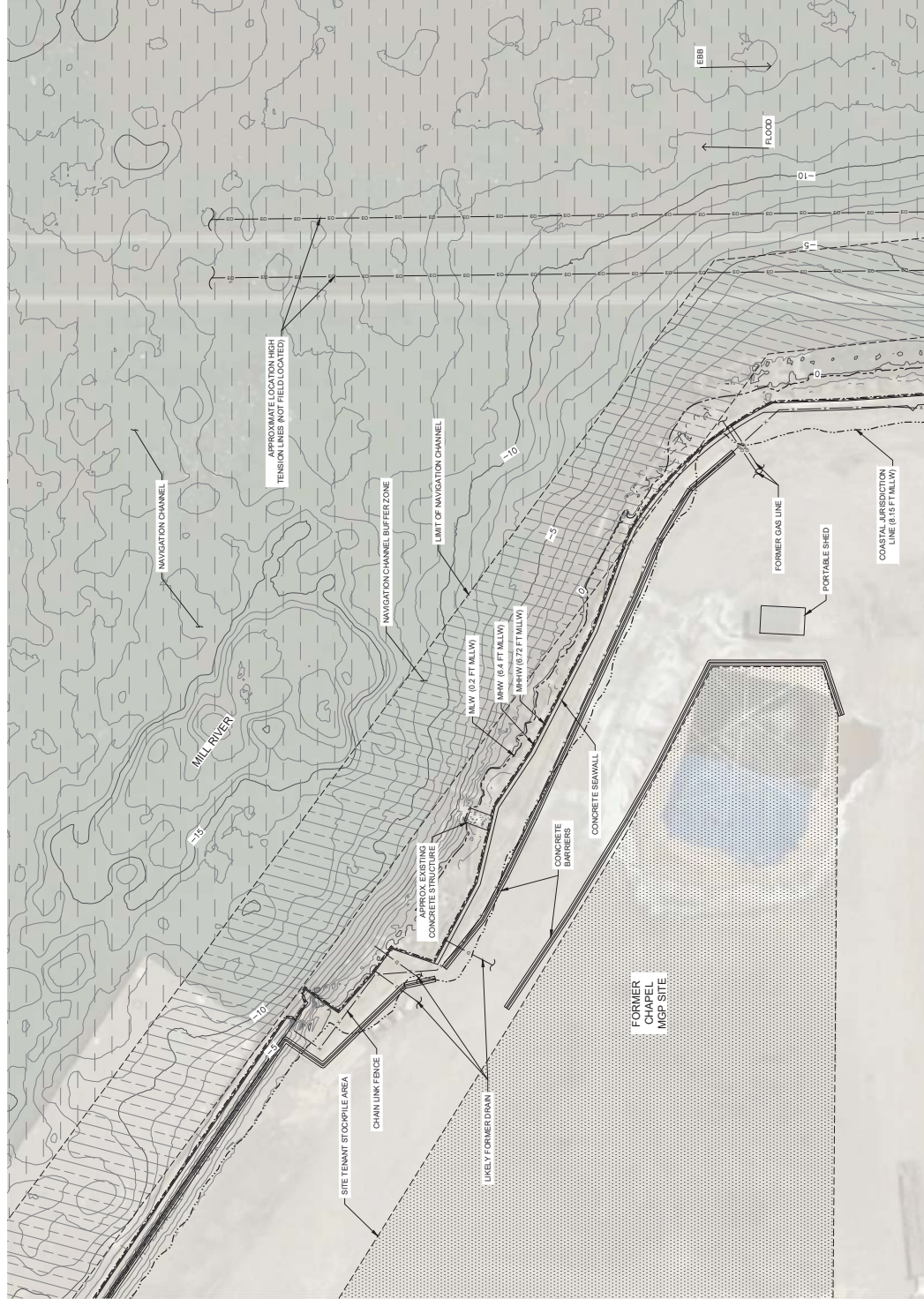
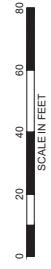
C-100

Sheet: 3 of 8



NOTES

1. FOR GENERAL NOTES SEE SHEET G-101.
2. MHW AND MHHW OCCUR ALONG THE VERTICAL SURFACE OF THE SEAWALL IN THE PROJECT AREA.



Project No.	131638
Scale	AS SHOWN
Drawn By	JOS
Checked By	MA
Stamp	

A.	CONCRETE SEAWALL	MA	01/02/20
B.	CONCRETE RETENTION WALL	MA	01/02/20
C.	CONCRETE SEAWALL	MA	01/02/20
D.	CONCRETE SEAWALL	MA	01/02/20
E.	CONCRETE SEAWALL	MA	01/02/20
F.	CONCRETE SEAWALL	MA	01/02/20
G.	CONCRETE SEAWALL	MA	01/02/20
H.	CONCRETE SEAWALL	MA	01/02/20
I.	CONCRETE SEAWALL	MA	01/02/20
J.	CONCRETE SEAWALL	MA	01/02/20
K.	CONCRETE SEAWALL	MA	01/02/20
L.	CONCRETE SEAWALL	MA	01/02/20
M.	CONCRETE SEAWALL	MA	01/02/20
N.	CONCRETE SEAWALL	MA	01/02/20
O.	CONCRETE SEAWALL	MA	01/02/20
P.	CONCRETE SEAWALL	MA	01/02/20
Q.	CONCRETE SEAWALL	MA	01/02/20
R.	CONCRETE SEAWALL	MA	01/02/20
S.	CONCRETE SEAWALL	MA	01/02/20
T.	CONCRETE SEAWALL	MA	01/02/20
U.	CONCRETE SEAWALL	MA	01/02/20
V.	CONCRETE SEAWALL	MA	01/02/20
W.	CONCRETE SEAWALL	MA	01/02/20
X.	CONCRETE SEAWALL	MA	01/02/20
Y.	CONCRETE SEAWALL	MA	01/02/20
Z.	CONCRETE SEAWALL	MA	01/02/20

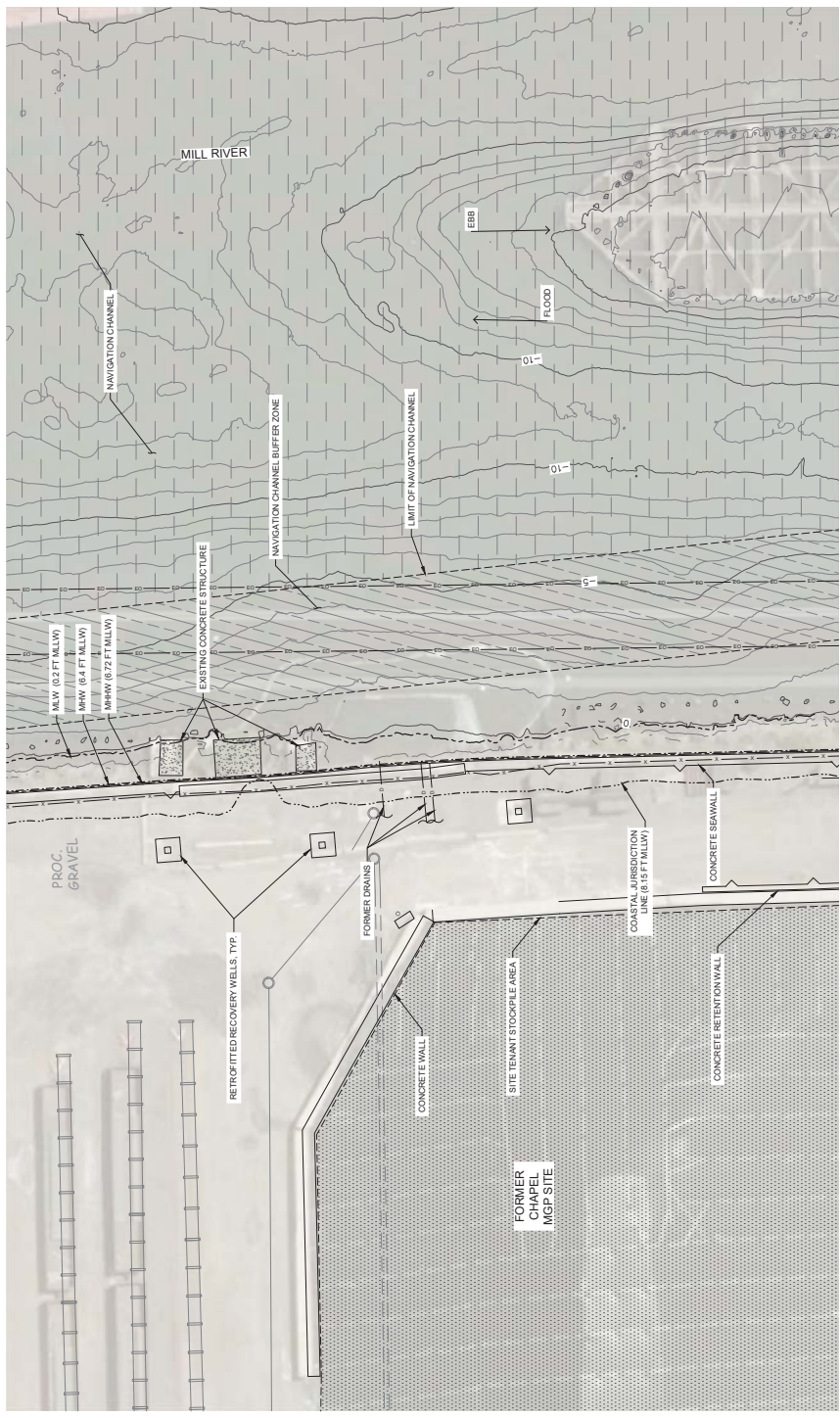
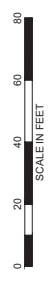
EXISTING  
CONDITIONS, IRM  
AREA 2

C-101

Sheet 4 of 8

- LEGEND**
- CONCRETE SEA WALL
  - CHAIN LINK FENCE
  - CONCRETE BARRIER
  - RETROFITTED RECOVERY WELL
  - SITE TENANT STOCKPILE AREA
  - APPROXIMATE EXISTING CONCRETE STRUCTURE
  - ELECTRICAL OVERHEAD LINE
  - STORM DRAIN
  - GAS LINE
  - 5 FOOT BATHYMETRY CONTOUR
  - 1 FOOT BATHYMETRY CONTOUR
  - MHW (6.4 FT ABOVE MLLW, EL. 2.78 NAVD83)
  - MHW (6.72 FT ABOVE MLLW, EL. 3.08 NAVD83)
  - COASTAL JURISDICTION LINE (8.24 FT ABOVE MLLW, EL. 4.8 NAVD83)
  - MLW (6.2 FT ABOVE MLLW, EL. 3.4 NAVD83)
  - NAVIGATION CHANNEL
  - NAVIGATION CHANNEL BUFFER ZONE
  - RIVER EBB AND FLOOD

- NOTES**
- FOR GENERAL NOTES SEE SHEET C-101.
  - MHW AND MHW LOCATIONS ALONG THE VERTICAL SURFACE OF THE SEAWALL IN THE PROJECT AREA.





**WORKING  
DRAFT**

Project No.:	131638
Scale:	AS SHOWN
Date:	29-JUNE-2020
Drawn By:	OS
Designed By:	JS
Checked By:	MA
Approved By:	MA
Sign:	

Rev.					
A	CONCEPTUAL DRAFT DESIGN	MA	07/08/2011	By	Date

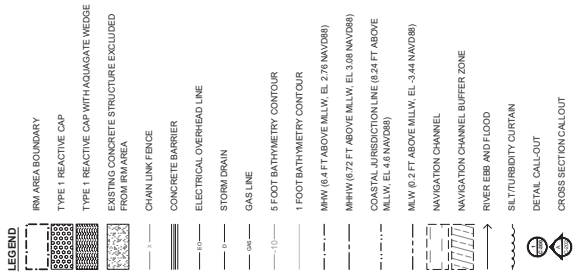
FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE

347 CHAPEL STREET  
NEW HAVEN, CT

IRM AREA 1  
REMEDIAL  
MEASURE

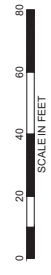
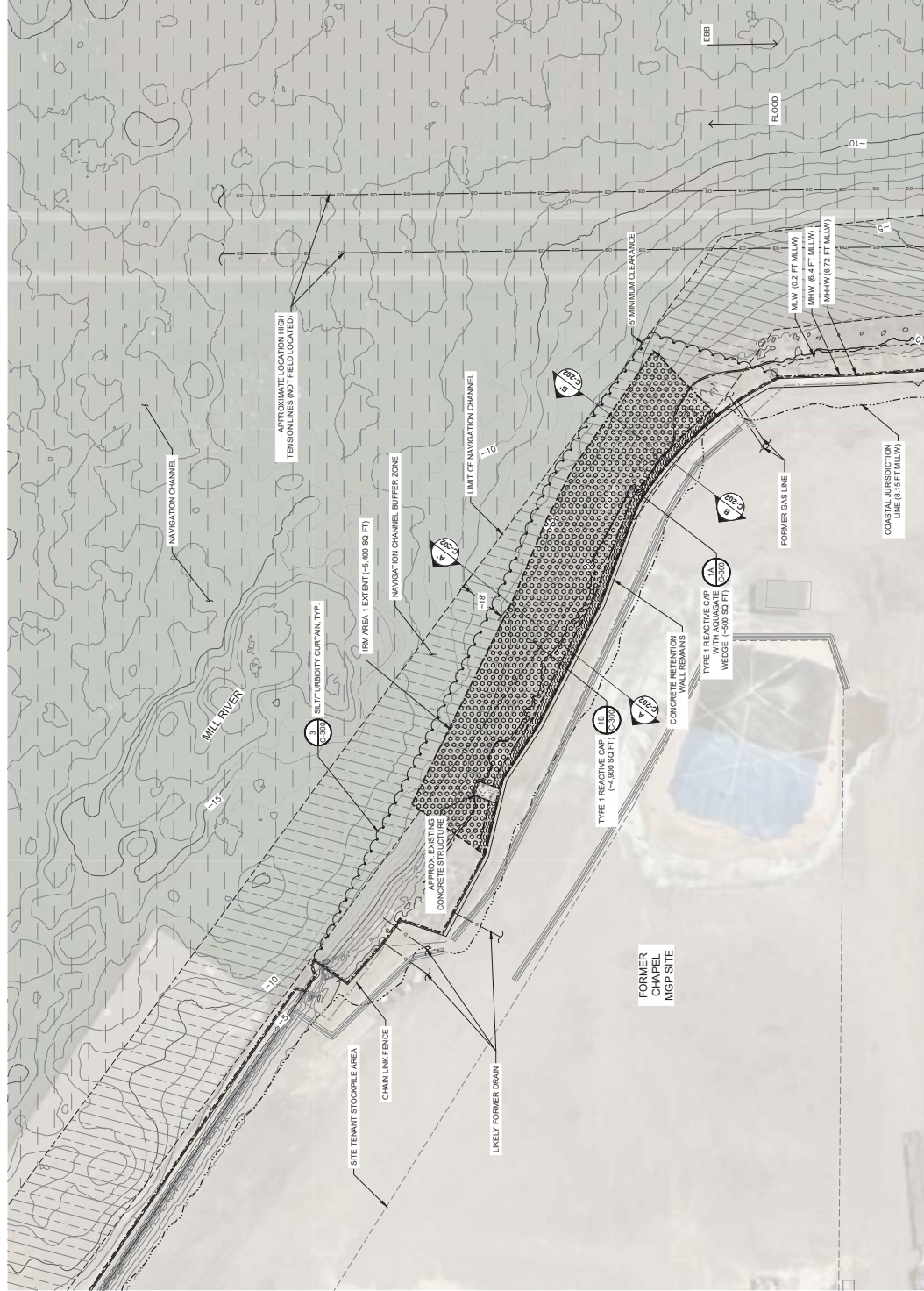
C-200

Sheet: 5 of 8



## NOTES

1. FOR GENERAL NOTES SEE SHEET G-101.
2. MHW AND MHHW OCCUR ALONG THE VERTICAL SURFACE OF THE SEAWALL IN THE PROJECT AREA.
3. THE TYPE 1 REACTIVE CAP WITH ADEQUATE WEDGE AREA IS ~500 SQUARE FEET.
4. THE TYPE 1 REACTIVE CAP AREA IS ~900 SQUARE FEET.



WORKING  
DRAFT

Project No.:	13163B
Scale:	AS SHOWN
Drawn By:	JOS
Checked By:	MA
Stamp:	

A.	CONCEPTUAL DRAFT DESIGN	MA	01/02/20
Rev.	Description	By	Date
1			
2			
3			
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8			
9			
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FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE  
347 CHAPEL STREET  
NEW HAVEN, CT

IRM AREA 2  
REMEDIAL  
MEASURE

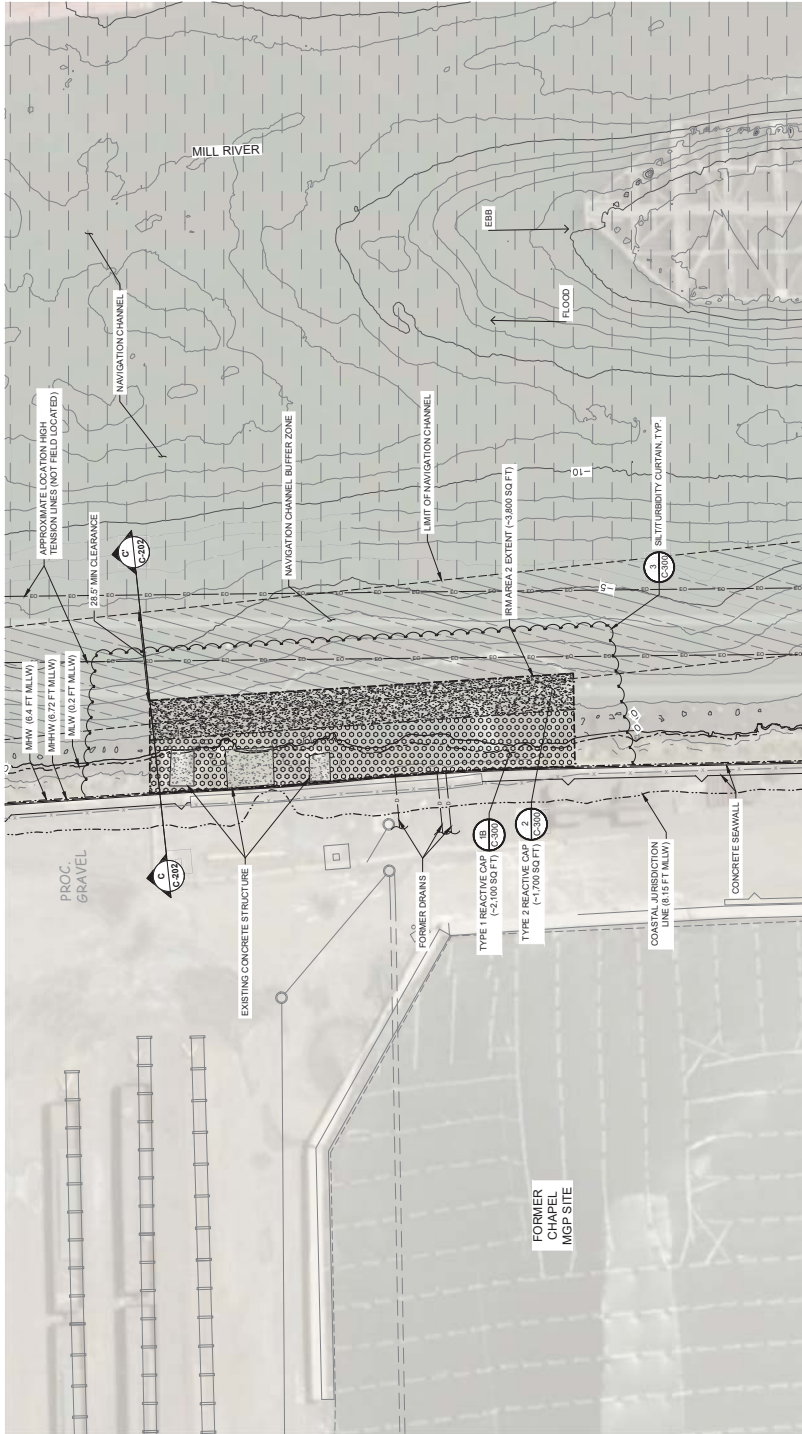
C-201  
Sheet 6 of 8

LEGEND

- IRM AREA BOUNDARY
- TYPE 1 REACTIVE CAP
- TYPE 2 REACTIVE CAP
- EXISTING CONCRETE STRUCTURE EXCLUDED FROM IRM AREA
- CHAIN LINK FENCE
- CONCRETE BARRIER
- ELECTRICAL OVERHEAD LINE
- STORM DRAIN
- GAS LINE
- 5 FOOT BATHYMETRY CONTOUR
- 1 FOOT BATHYMETRY CONTOUR
- MRW (6.4 FT ABOVE MLW, EL. 2.79 NAVD83)
- MRHW (6.72 FT ABOVE MLW, EL. 3.08 NAVD83)
- COASTAL JURISDICTION LINE (8.24 FT ABOVE MLW, EL. 4.6 NAVD83)
- MLW (0.2 FT ABOVE MLW, EL. -3.44 NAVD83)
- NAVIGATION CHANNEL
- NAVIGATION CHANNEL BUFFER ZONE
- RIVER EBB AND FLOOD
- SETTLEMENT CURTAIN
- DETAIL CALL-OUT
- CROSS SECTION CALL-OUT

NOTES

- FOR GENERAL NOTES SEE SHEET G-101.
- THE TYPE 1 REACTIVE CAP AREA IS 2,100 SQUARE FEET.
- THE TYPE 2 REACTIVE CAP AREA IS 1,700 SQUARE FEET.
- THE TYPE 2 REACTIVE CAP AREA IS 1,700 SQUARE FEET.



Project No.	131638
Scale	AS SHOWN
Date	18-JUNE-2020
Drawn By	OS
Checked By	JS
Reviewed By	MA
Stamp	131638-01-MA

No.	Description	By	Date
1	INTERIM DRAFT DESIGN	MA	01/02/20

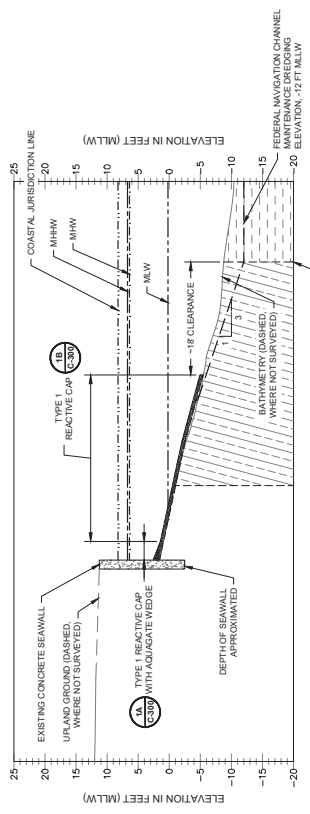
FORMER CHAPEL ST. MGP  
MILL RIVER INTERIM  
REMEDIAL MEASURE  
347 CHAPEL STREET  
NEW HAVEN, CT

INTERIM REMEDIAL  
MEASURE, CROSS  
SECTION

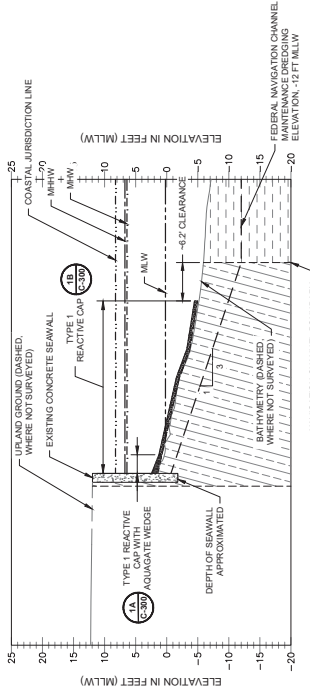
- LEGEND**
- TYPE 1 REACTIVE CAP
  - TYPE 2 REACTIVE CAP
  - TYPE 1 REACTIVE CAP WITH AQUAGATE WEDGE
  - EXISTING CONCRETE STRUCTURE EXCLUDED FROM RM AREA
  - MHW (8.4 FT ABOVE MLW, EL. 2.76 NAVD83)
  - MHHW (6.72 FT ABOVE MLW, EL. 3.08 NAVD83)
  - COASTAL JURISDICTION LINE (6.24 FT ABOVE MLW, EL. 4.8 NAVD83)
  - MLW (0.2 FT ABOVE MLW, EL. -3.44 NAVD83)
  - FEDERAL NAVIGATION CHANNEL MAINTENANCE DREDGING ELEVATION
  - NAVIGATION CHANNEL BUFFER ZONE
  - NAVIGATION CHANNEL
  - DETAIL CALL-OUT

NOTES

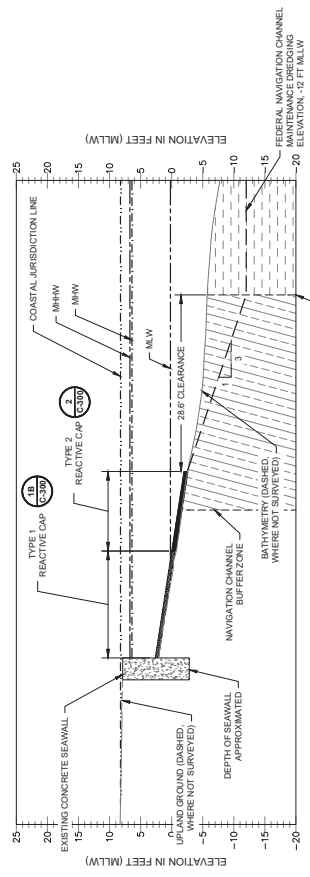
- 3:1 SIDE SLOPE ON FEDERAL NAVIGATION CHANNEL PER CHAPEL STREET MGP/CD/08/08/131638 C-202 DWG AUGUST 3, 2020.



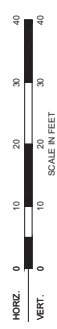
1 CROSS SECTION A-A'  
SCALE: AS SHOWN



2 CROSS SECTION B-B'  
SCALE: AS SHOWN



3 CROSS SECTION C-C'  
SCALE: AS SHOWN

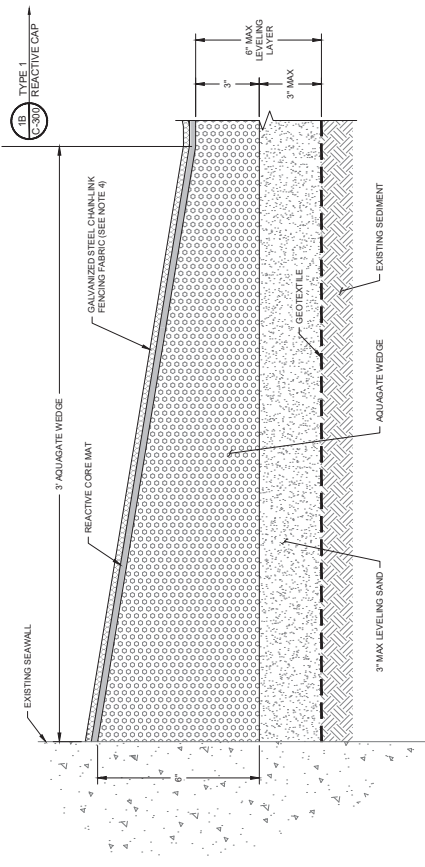


Project No.	131638
Scale	AS SHOWN
Date	15 JUNE 2020
Drawn By	CS
Designed By	JS
Checked By	MA
Reviewed By	MA
Stamp	

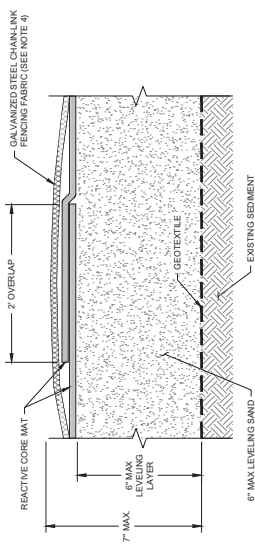
No.	Description	By	Date
1	DISSEMINAL DRAFT DESIGN	MA	01/02/20

FORMER CHAPEL ST. MCP  
MILL RIVER INTERIM  
REMEDIAL MEASURE  
347 CHAPEL STREET  
NEW HAVEN, CT

INTERIM REMEDIAL  
MEASURE, DETAILS



TYPE 1 REACTIVE CAP  
WITH AQUAGATE WEDGE  
1A SCALE: NTS

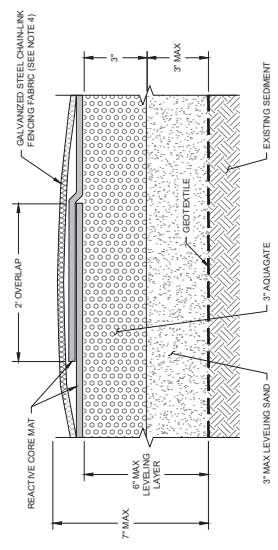


TYPE 2 REACTIVE CAP  
2 SCALE: NTS

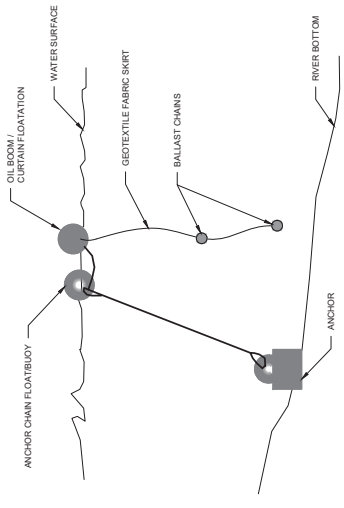
LEGEND

- SAND
- AQUAGATE
- REACTIVE CORE MAT (RCM)
- CHAIN-LINK FENCING FABRIC
- GEOTEXTILE

- NOTES
1. CONFIGURATION AND LOCATION OF RCM, UNDERLYING LEVELING LAYER AND OTHER COMPONENTS OF THE INTERIM REMEDIAL MEASURE SHALL BE BASED ON ACTUAL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. AS-BUILT CONDITIONS WILL BE DOCUMENTED.
  2. OVERLAP OF RCM MATERIAL AND CHAIN-LINK FENCING WILL BE GENERALLY AS SHOWN ON DRAWING AND ADJUSTED IN FIELD AS NECESSARY BASED ON ACTUAL CONDITIONS.
  3. ADDITIONAL RCM ANCHORING MAY BE REQUIRED BASED ON ACTUAL CONDITIONS ENCOUNTERED DURING CONSTRUCTION.
  4. EXISTING CHAIN-LINK FENCING SHALL BE MAINTAINED TO THE MAXIMUM EXTENT POSSIBLE. THE CAP EXTENTS REPRESENT THE AREA OF THE CHAIN-LINK FENCING SHALL BE INSTALLED UP TO THE POINT TO PROVIDE ADDITIONAL ANCHORING AT EDGE CONDITIONS.



TYPE 1 REACTIVE CAP  
1B SCALE: NTS



NOTE  
FLOATING BARRIER, TYPE L DOT

3 SILT/TURBIDITY CURTAIN  
SCALE: NTS

# **General Permit for Coastal Maintenance**

DEEP-OLISP-GP-2015-02

Issuance Date: October 26, 2015  
Expiration Date: October 26, 2035

Bureau of Water Protection and Land Reuse  
Office of Long Island Sound Programs  
860-424-3034

# General Permit for Coastal Maintenance

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# General Permit for Coastal Maintenance

## Section 1. Authority

This general permit is issued under the authority of section 22a-361(d) of the General Statutes.

## Section 2. Definitions

As used in this general permit:

*“Adverse impacts on coastal resources”* means adverse impacts on coastal resources as defined by section 22a-93(15) of the General Statutes.

*“Ancillary structures”* means structures which facilitate boating access or support including utility lines such as fuel, waste, water, electric and cable, and berthing devices such as bollards, cleats, dock hooks, fenders and davits.

*“Approval of registration”* means an approval of registration issued under Section 4 of this general permit.

*“Authorized activity”* means any activity authorized by this general permit.

*“Backflow prevention structure”* means a device such as a flap gate or duck bill that allows water to drain out from a closed water discharge system and prevents backflow of tidal water into a closed water discharge system.

*“Beach grading”* means the redistribution and regrading of on-site beach sand between mean low water and the coastal jurisdiction line without the nourishment or addition of any off-site beach sand or other material.

*“Beach raking”* means the use of motorized equipment and any associated implements on a beach below the coastal jurisdiction line for the purpose of removing macroalgae, stones, shells or other natural or unnatural debris.

*“Boat launch infrastructure”* means boat launch ramps, docks, gangways, approaches, aprons, drainage structures, erosion control, pavement or any other structures or features associated with the launching of vessels at public boat launch facilities.

*“Boating access or support”* means moorings, fixed or floating docks, gangways or piles specifically utilized for the following recreational activities: berthing, accessing, loading, repairing, launching, hauling, fueling or discharging waste from boats.

*“Catch basin”* means a stormwater system structure in which grit, sand, sediment or debris is collected.

*“Catch basin cleaning”* means removal of grit, sand, sediment or debris from a catch basin by use of a vacuum, backhoe, shovel, or other device.

*“Closed water discharge system”* means a piping system that discharges stormwater

originating from an upland area to an area below the coastal jurisdiction line and is not connected on the landward side to any tidal wetlands.

*“Coastal habitat creation”* means to bring into existence a habitat that was not historically supported at the site in question including the conversion of an existing habitat in favor of a new habitat.

*“Coastal habitat enhancement”* means the intentional alteration of a habitat to improve one or a very limited number of functions of the existing habitat type.

*“Coastal jurisdiction line”* means coastal jurisdiction line as defined by section 22a-359(c) of the General Statutes.

*“Coastal resources”* means coastal resources as defined by section 22a-93(7) of the General Statutes.

*“Coastal restoration activities”* means the intentional alteration of a site to reestablish the approximate biogeophysical conditions that existed in the predisturbance ecosystem or habitat and, for the purposes of this general permit, shall include coastal habitat creation and coastal habitat enhancement. Such activities include, but are not limited to, open marsh water management activities, ditching, pond creation, raising marsh surface elevation, mowing, planting, removal of vegetation, the placement, repair or removal of tide regulating structures, and the installation or repair of fish bypass systems.

*“Commissioner”* means commissioner as defined by section 22a-2(b) of the General Statutes.

*“Cultch”* means a substrate appropriate for larval oyster attachment, consisting of gravel or shell material.

*“Day”* means the calendar day; if any date specified in the general permit falls on a Saturday, Sunday, or legal holiday, such deadline shall be the next business day thereafter.

*“Department”* means the department of energy and environmental protection.

*“Department of Energy and Environmental Protection maintenance activities”* means repair or replacement of certain appurtenances and facilities associated with the launching or retrieving of boats at State launches.

*“Department of Transportation maintenance activities”* means rehabilitation, repair, replacement of state-owned and maintained transportation infrastructure and appurtenances such as highways, roadways, bridges, and railways, and associated supporting and protective structures integral to the use and functionality of such infrastructure including, but not limited to, temporary accessways, stormwater-related structures, bridge piers, decks and abutments, mechanical, electrical or operational structures or workhouses.

*“Derelict structure”* means any flotsam, structure or vessel, or component thereof, that has been abandoned or deserted, is no longer capable of functioning as intended, or is impeding navigation.

*“Dock”* means an elevated or floating structure comprised of an open fixed pile-supported pier, gangway, or float, or any part or combination thereof, including all associated previously authorized boating-related appurtenances or features including but not limited to piles or pile clusters, boatlifts, utilities, or wave-attenuating devices.

*“Individual permit”* means a permit or certificate of permission issued to a named permittee under section 22a-361, section 22a-363b, or 22a-32 of the General Statutes.

*“Existing inhabited structure”* means a house, dwelling, or abode which was in use prior to the effective date of this general permit.

*“FEMA”* means the Federal Emergency Management Agency.

*“FEMA standards”* means municipal flood hazard or floodplain ordinances or regulations, approved by FEMA to allow participation of the municipality in the National Flood Insurance Program under the provisions of 44 CFR parts 59 and 60.

*“Intertidal flats”* means intertidal flats as defined by section 22a-93(7)(D) of the General Statutes.

*“Harbormaster”* means a harbormaster or deputy harbormaster appointed pursuant to section 15-1 of the General Statutes.

*“Licensed shellfish operator”* means a person licensed by the commissioner of agriculture to take, harvest, cultivate, produce oysters or other shellfish pursuant to Chapter 491 of the General Statutes.

*“Marina boundary”* means an area within which reconfiguration activities may occur and which has been established by the commissioner by connecting with straight lines the terminating point of existing authorized in-water boating-access structures including fixed or floating docks, gangways and piles, but excluding dredge footprints, vessels, mooring buoys, navigational markers and property lines.

*“Marina reconfiguration”* means the placement, replacement, removal or relocation of moorings, fixed or floating docks, piles, ladders, gangways, or finger piers and ancillary structures within an established marina boundary for boating access or support or for seasonal storage of such structures subject to the conditions of this general permit.

*“Mean high water”* means the average of all high water heights observed over the National Tidal Datum Epoch.

*“Mean low water”* means the average of all low water heights observed over the National Tidal Datum Epoch.

*“Mooring boundary”* means an area within which reconfiguration activities may occur and which is established by the commissioner by connecting with straight lines the perimeter of

existing in-water mooring buoys, but excluding dredge footprints, vessels, mooring swing radii, navigational markers, and property lines.

*“Mooring reconfiguration”* means the placement, replacement, removal or relocation moorings, within an established mooring boundary for boating access or support, exclusive of fixed and floating docks.

*“Municipality”* means a city, town or borough of the state.

*“Non-commercial”* means a structure which is (1) not rented and no other charge by the permittee is made for its use or maintenance; and (2) is not operated, maintained, or used by any for-profit entity.

*“Order”* means any consent order, removal order, cease and desist order, or any other enforcement action taken by the commissioner under authority of sections 22a-6, 22a-7, 22a-108, 22a-178, 22a-181, 22a-225, 22a-428, 22a-430, 22a-431, 22a-432, 22a-433, or 22a-449 of the General Statutes, or under any authority available by law or any enforcement action taken by the U.S. Army Corps of Engineers (“Corps”) or the U.S. Environmental Protection Agency (“EPA”); or any order entered by a state or federal court of competent jurisdiction pursuant to an enforcement action taken by the commissioner, the Corps, or EPA.

*“Permittee”* means any person or municipality to which the commissioner has issued an approval of registration under this general permit.

*“Person”* means person as defined by section 22a-2(c) of the General Statutes.

*“Prior authorization”* means a permit, certificate of permission, or approval of general permit registration issued by the State of Connecticut under section 22a-32, 22a-361, 22a-361(d), or 22a-363b of the General Statutes which was issued before the date of submission of a registration under this general permit.

*“Registrant”* means a person who or municipality which files a registration pursuant to Section 4 of this general permit.

*“Registration”* means a registration form filed with the commissioner pursuant to Section 4 of this general permit.

*“Remedial activity”* means any dredging, construction, placement of fill, obstruction or encroachment or work incidental thereto, or any other work the purpose of which is to restore a site or habitat to its natural condition, to correct a violation of law, to remove an unauthorized structure, fill, obstruction or encroachment, or to conduct remediation as defined by section 22a-133k-1 of the Regulations of Connecticut State Agencies.

*“Removal of derelict structure”* means the physical removal of derelict structures using hand-held tools or mechanical equipment.

*“Repointing”* means filling by hand, using hand-held equipment, cracks or weak spots in a seawall with mortar or small stones without increasing the waterward encroachment of the

seawall.

*“Seawall”* means any dry stone or concrete structure, including bulkheads, retaining walls and riprap revetments, the purpose or effect of which is to prevent upland materials from slumping or otherwise entering the area waterward of the coastal jurisdiction line. The term does not include steel, timber, or plastic sheet pile, railroad ties or concrete blocks.

*“Site”* means geographically contiguous land or water on which an authorized activity takes place or on which an activity for which authorization is sought under this general permit is proposed to take place. Non-contiguous land or water owned by the same person and connected by a right-of-way which such person controls and to which the public does not have access shall be deemed the same site.

*“Skim coating”* means, a layer of coating, applied by hand using hand-held equipment, to the face of a seawall not exceeding one inch in thickness.

*“Temporary access of construction vehicles or equipment”* means operation of construction vehicles or heavy equipment, including active equipment or material loading or off-loading via barge, within areas below the coastal jurisdiction line for the purposes of accessing, supporting, or conducting work above the coastal jurisdiction line and otherwise unregulated pursuant to section 22a-361 of the General Statutes.

*“Tidal wetlands”* means wetland as defined by section 22a-29(2) of the General Statutes.

*“Watercourse”* means watercourse as defined by section 22a-38 of the General Statutes.

### **Section 3. Authorization Under This General Permit**

#### ***(a) Eligible Activities***

Provided the requirements of Section 3(b) of this general permit are satisfied, this general permit authorizes the following activities:

- (1) establishment of a marina boundary and reconfiguration within such boundary, or the establishment of a mooring boundary and reconfiguration within such boundary;**
- (2) remedial activities which have been required by an order as defined in this general permit;**
- (3) modification of an existing inhabited structure which is located in whole or in part waterward of the coastal jurisdiction line and landward of mean high water for the purposes of conforming such structure to FEMA standards;**
- (4) reconstruction of a legally existing structure, obstruction or encroachment which was installed pursuant to a prior authorization and which exists in a serviceable state; and (b) removal of debris and reconstruction of a legally existing structure, obstruction or encroachment which has been damaged or destroyed by a casualty loss**

not more than one calendar year prior to the date of submission of the registration required in Section 4(a) of this general permit;

(5) **maintenance activities performed on certain existing Department of Transportation infrastructure as follows:**

- (A) **Bridge Deck Drains.** Repair, rehabilitation, replacement and cleaning of bridge deck drains, scuppers and weeps, including the removal of accumulated sediment;
- (B) **Bridge Painting.** Preparation of steel and painting including the placement of containment devices upon bridges;
- (C) **Bridge Mechanical, Electrical and Operational Repairs.** Rehabilitation or replacement of appurtenances necessary for bridge safety and operation including lighting, fixtures, mechanical or electrical rooms or boxes, catenary support and wires, and signals and signal boxes;
- (D) **Bridge Superstructure.** Rehabilitation, rinsing, repair or replacement of bridge superstructure components such as steel or timber members, plates or hardware, or bridge bearings, or the full bridge superstructure;
- (E) **Bridge Decks.** Repair, rehabilitation or replacement of bridge decks membrane and bituminous wearing surfaces, joints, rails, ties, and fencing or other protective systems;
- (F) **Bridge Supports.** Repair concrete superstructure or substructure elements including spalling, repointing or grouting of concrete, repairs to the joints, and application of protective coating;
- (G) **Bridge Scour.** Manually placing grout bags within or immediately adjacent to the footprint of bridge substructure;
- (H) **Walls and Abutments.** Repair of concrete wingwalls, endwalls or bridge abutments and pipe repair or replacement of such structures associated with such necessary wingwall, endwall or abutments;
- (I) **Pipes and Culverts.** Removal of pipes and culverts, including the creation of open channels associated with the removal of such pipes and culverts;
- (J) **Outlet Protection.** Repair, rehabilitation or expansion of an existing splash pad or plunge pool associated with an existing stormwater outfall or the installation of a new splash pad or plunge pool associated with the removal of a pipe or culvert;
- (K) **Shoreline Protection.** Repair of previously protected shorelines



including riprap and stone armoring including shaping, regrading, placement of bedding material and riprap or armor stone to the pre-existing contours, and repair of seawalls to pre-existing conditions including repointing, patching, resetting stones, and applying a skim coat to the face of the seawall;

- (L) **Access.** Installation and use of low-impact temporary access structures including scaffolding, low ground pressure equipment, elevated trestle, scaffolding, ladders, and construction mats; and
- (M) **Rail Infrastructure.** Repair, rehabilitation or replacement of ballast, ties, rails, catenary towers and wires, signal cable tray, signal conduits, signal box and foundation, and electrical substations.

- (6) **beach grading or beach raking conducted in the area between mean low water and the coastal jurisdiction line;**
- (7) **removal of derelict structures;**
- (8) **placement of cultch;**
- (9) **minor repair to seawalls including patching concrete, repointing mortar between stones, resetting fallen stones and applying a skim coat to the face of the seawall;**
- (10) **catch basin cleaning;**
- (11) **repair or replacement of a backflow prevention structure on a closed water discharge system;**
- (12) **coastal restoration activities including coastal habitat creation and coastal habitat enhancement;**
- (13) **temporary access of construction vehicles or equipment; and**
- (14) **maintenance activities performed on certain existing Department of Energy & Environmental Protection boat launch infrastructure as follows:**
  - (A) **repair, replacement or repositioning of concrete planks, concrete panels, or interlocking blocks;**
  - (B) **repair or replacement of bituminous concrete;**
  - (C) **replacement or removal of gravel, stone or riprap material; and**
  - (D) **repair of trench drains, drainage systems, or erosion protection.**

Any discharge of water, substance or material into the waters of the state other than

the one specified in this section is not authorized by this general permit, and any person who or municipality which initiates, creates, originates or maintains such a discharge must apply for and obtain authorization under section 22a-430 of the General Statutes prior to the occurrence of such discharge.

**(b) *Requirements for Authorization***

This general permit authorizes each of the activities listed in Section 3(a) of this general permit provided:

**(1) Registration**

A completed registration with respect to the activities identified in Section 3(a)(1), 3(a)(2), or 3(a)(3) of this general permit has been filed with the commissioner and the commissioner has issued an approval of registration with respect to such activity.

Or

A completed registration with respect to the activities identified in Section 3(a)(4) of this general permit has been filed with the commissioner.

Or

No registration is required with respect to activities identified in Section 3(a)(5) through Section 3(a)(14) of this general permit.

**(2) Coastal Area Management**

Such activity is consistent with all-applicable goals and policies in section 22a-92 of the General Statutes, and will not cause adverse impacts to coastal resources as defined in section 22a-93 of the General Statutes.

**(3) Endangered and Threatened Species**

Such activity does not threaten the continued existence of any species listed pursuant to section 26-306 of the General Statutes and will not result in the destruction of adverse modification of habitat designated as essential to such species.

**(4) Aquifer Protection**

Such activity, if it is located within an aquifer protection area as mapped under section 22a-354b of the General Statutes, complies with regulations adopted pursuant to section 22a-354i of the General Statutes.

**(5) Conservation and Preservation Restrictions**

Such activity, if located on or may affect property subject to a conservation or preservation restriction, complies with section 47-42d of the Connecticut General Statutes, by providing the following to the commissioner: proof of written notice to the holder of such restriction of the proposed activity's registration pursuant to this general permit or a letter from the holder of such

restriction verifying that the proposed activity is in compliance with the terms of the restriction.

(6) **Flood Management**

Such activity shall be consistent with all applicable standards and criteria established in sections 25-68d(b) of the General Statutes and sections 25-68h-1 through 25-68h-3, inclusive, of the Regulations of Connecticut State Agencies.

(c) ***Geographic Area***

This general permit applies throughout the tidal, coastal and navigable waters of the State of Connecticut and, where not explicitly disallowed, in tidal wetlands.

(d) ***Effective Date and Expiration Date of this General Permit***

This general permit is effective on the date it is issued by the commissioner and expires twenty (20) years from such date of issuance.

(e) ***Effective Date of Authorization***

Any activity identified in section 3(a)(1), 3(a)(2) and 3(a)(3) of this general permit is authorized by this general permit on the date the commissioner issues a written approval of registration with respect to such activities.

Any activity identified in Section 3(a)(4) of this general permit is authorized on the date the commissioner receives a completed registration with respect to such activity which meets the requirements of Section 4 of this general permit.

Any activity identified in Sections 3(a)(5) through 3(a)(14) of this general permit is authorized by this general permit effective on the date this general permit becomes effective, or on the date the activity is initiated, whichever is later.

(f) ***Transition to and from an Individual Permit***

No person shall operate or conduct an activity authorized by both an individual permit and this general permit. The requirements for transitioning authorization are as follows:

- (1) ***Transition from an Individual Permit to Authorization under this General Permit.*** If an activity meets the requirements of authorization of this general permit and such operation or activity is presently authorized by an individual permit, the permittee may seek a modification to the permit to exclude such operation or activity from the individual permit or if the operation or activity is the sole operation or activity authorized by such permit, the permittee shall surrender its permit in writing to the commissioner. In either event, such permittee's individual permit shall continue to apply and remain in effect until authorization of such operation or activity under this general permit takes effect.
- (2) ***Transition from Authorization under this General Permit to an Individual Permit*** If an activity or operation is authorized under this general permit and the commissioner subsequently issues an individual permit for the same activity,

then on the date any such individual permit is issued by the commissioner, the authorization issued under this general permit shall automatically expire.

#### **Section 4. Registration Requirements**

***(a) Who Must File a Registration***

Any person or municipality seeking under the authority of this general permit to conduct work set forth in Section 3(a)(1) through 3(a)(4) of this general permit, shall file with the commissioner:

- (1) A registration form which meets the requirements of Section 4 of this general permit; and
- (2) The applicable fee.

***(b) Scope of Registration***

A registrant shall register each activity for which the registrant seeks authorization under this general permit on a separate registration form.

***(c) Contents of Registration***

(1) Fees

(A) Fee Schedule

- i. For work pursuant to Sections 3(a)(1) and 3(a)(2) of this general permit, the registration fee of \$700.00 shall be submitted with a registration form.
- ii. For work pursuant to Section 3(a)(3) of this general permit, the registration fee of \$100.00 shall be submitted with the registration form.
- iii. For work pursuant to Section 3(a)(4) of this general permit, above, the registration fee of \$300.00 shall be submitted with the registration form.
- iv. The registration shall not be deemed complete and no activity shall be authorized by this general permit unless the registration fee has been paid in full.
- v. The registration fee shall be paid by check or money order payable to the **Department of Energy and Environmental Protection**.

(B) The registration fee is non-refundable.

(2) Registration Form

A registration shall be filed on forms prescribed and provided by the commissioner.

**(d) *Where to File a Registration and Other Related Documents***

A registration shall be filed with the commissioner at the following address:

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

**(e) *Notification of Harbor Management Commission***

Where applicable, a copy of the registration shall be submitted to the harbor management commission in the town where the work is proposed at the time the registration is filed with the commissioner.

**(f) *Additional Information***

The commissioner may require a registrant to submit additional information, which the commissioner reasonably deems necessary to evaluate the consistency of the subject activity with the requirements for authorization under this general permit.

**(g) *Action by Commissioner***

- (1) The commissioner may reject without prejudice a registration if it is determined that it does not satisfy the requirements of Section 4(c) of this general permit or more than thirty (30) days have elapsed since the commissioner requested that the registrant submit additional information or the required fee and the registrant has not submitted such information or fee. Any registration refiled after such a rejection shall be accompanied by the fee specified in Section 4(c)(1) of this general permit.
- (2) The commissioner may disapprove a registration if it is found that the subject activity is inconsistent with the requirements for authorization under Section 3 of this general permit, or for any other reason provided by law.
- (3) Disapproval of a registration under this subsection shall constitute notice to the registrant that the subject activity may not lawfully be conducted or maintained without the issuance of an individual permit.
- (4) The commissioner may approve a registration with reasonable conditions. If the commissioner approves a registration with conditions, the permittee shall be bound by such conditions as if they were a part of this general permit.
- (5) Rejection, disapproval, or approval of a registration shall be in writing.

**Section 5. Conditions of This General Permit**

The permittee shall at all times continue to meet the requirements for authorization set forth in Section 3 of this general permit. In addition, a permittee shall assure that activities authorized by this general permit are conducted in accordance with the following conditions:

**(a) *Special Conditions for MARINA AND MOORING FIELD RECONFIGURATION authorized in Section 3(a)(1) of this general permit.***

- (1) Registrant for such reconfiguration is a yacht club or marina whose slips are entirely open for public use by membership or rental.
- (2) Such activities are not located on or over tidal wetlands or intertidal flats.
- (3) Such activities do not increase the number of berthing or mooring slips at the facility by more than 5% in any calendar year.
- (4) Such activities and any vessels berthed or moored to such reconfigured structures or moorings shall not interfere with the access to any riparian or littoral property and shall be placed and maintained within any established marina or mooring field boundary.
- (5) Prior to any such reconfiguration, the registrant must demonstrate that all regulated in-water structures are authorized by the State and are in compliance with such authorizations, as applicable.
- (6) Such activities shall include only structures used for boating access or support. Such activities shall not include structures such as offices, residences, restaurants, concessions, gazebos, viewing platforms, workshops, patios, or storage facilities, or other walled or roofed structure such as attendant shed, marina office, or other building.
- (7) Such activities shall not include the construction, installation, relocation, or modification of any wave-attenuating structures.
- (8) Such activities shall not include the construction or installation of any docks wider than the widest docks of the similar function previously authorized nor shall it include the installation of any gangways wider than the widest gangways previously authorized.
- (9) Such activities shall not include dredging, the placement of fill, or the installation of other structures not specifically authorized herein, including but not limited to seawalls, riprap, bulkheads, and travel lifts.
- (10) The placement of fixed piers or floating docks within any mooring boundary is prohibited under this general permit.
- (11) Any fixed piers or floating docks, in a marina boundary, shall be constructed in a manner that does not unreasonably restrict access to or along lands and waters waterward of mean high water.
- (12) Any fixed piers or floating docks, in a marina boundary, shall be designed to allow most wave and water current energy to pass through or under such



structure.

- (13) Any fixed pier, in a marina boundary, shall utilize the minimum number of pilings necessary, consistent with safety and resource protection considerations, and where feasible shall utilize large spans on fewer pilings rather than smaller spans on more pilings.
- (14) The permittee shall notify the commissioner of the commencement of any work authorized by the approval of registration no later than three days before commencing such work and shall notify the commissioner in writing of the completion of such work no later than seven days after such completion.

***(b) Special Conditions for REMEDIAL ACTIVITIES authorized in Section 3(a)(2) of this general permit.***

- (1) Such remedial activity has been required under an order as defined in Section 2 of this general permit requiring the permittee to conduct such remedial activity.
- (2) The permittee shall notify the commissioner of the commencement of any work authorized by the approval of registration no later than three days before commencing such work and shall notify the commissioner in writing of the completion of such work no later than seven days after such completion.

***(c) Special Conditions for RESIDENTIAL FLOOD HAZARD MITIGATION authorized in Section 3(a)(3) of this general permit.***

- (1) Prior to the commencement of work, the registrant shall obtain all other legally required authorizations applicable to such activity, including without limitation a building permit issued pursuant to section 8-3 of the General Statutes, a coastal site plan approval pursuant to sections 22a-105, 22a-106, or 22a-109 of the General Statutes, or a variance issued pursuant to section 8-6 of the General Statutes.
- (2) The sole purpose and effect of such activity is to conform an existing inhabited structure with applicable FEMA standards. Such activity may include, without limitation, elevating the subject structure and installing break-away walls, or other activities consistent with residential floodproofing standards.
- (3) No activity authorized herein shall result in the conversion of a dwelling from seasonal to year-round use, or in any other expansion or alteration of use of the subject structure.
- (4) Such activity shall not be construed as authorizing the construction or maintenance of any shoreline flood and erosion control structure as defined by section 22a-109(c) of the General Statutes.
- (5) Such activity does not create any further waterward encroachment of any structure, or the expansion of the subject structure's floor area, living space, or the addition of appurtenances such as decks or porches.

- (6) Such activity is not located waterward of mean high water or on or over tidal wetlands.
- (7) The registrant shall comply with the standards and requirements set forth in section 25-68b through 25-68h of the General Statutes, as applicable.

***(d) Special Conditions for RECONSTRUCTION authorized in Section 3(a)(4) of this general permit.***

- (1) Such reconstruction is limited to the reconstruction of a structure, obstruction or encroachment which has been the subject of a prior authorization. This authorization explicitly does not apply to “grandfathered” or previously unauthorized structures that exist without the benefit of a prior authorization.
- (2) Unless otherwise authorized in writing by the commissioner, such reconstruction activity shall be in-kind and in-place conforming to the siting, layout, design, materials and structural components as set forth in the prior authorization. The permittee shall not deviate from said authorization without prior written approval of the Commissioner.
- (3) Such reconstruction shall be conducted in accordance with the requirements for authorization set forth herein and in accordance with any applicable terms and conditions set forth in the prior authorization.
- (4) Prior to any reconstruction activity, the permittee shall obtain site plans signed and sealed by a professional engineer or land surveyor licensed in the State of Connecticut showing both the pre-construction site conditions and structures and the proposed site conditions and structures.
- (5) The contractor(s) shall, whenever work is being performed, maintain a copy of the plans referenced above on the work site and make such plans available for inspection.
- (6) Prior to any reconstruction activity, the permittee shall take site photographs documenting the pre-construction conditions.
- (7) Such reconstruction does not apply to any dredging, regrading, fill or any other activities which restore or modify grades, depths, slopes, contours, tidal elevations or property boundaries.
- (8) Such reconstruction does not apply to any groins or jetties.
- (9) Such reconstruction does not apply to oversheeting of bulkheads.
- (10) Any reconstruction activity of flood and erosion control structures is prohibited in areas of tidal wetlands.
- (11) Any reconstruction activity of flood and erosion control structures which

increases the top elevation is prohibited.

- (12) Any reconstruction activity of docks that occur in areas of tidal wetlands shall be conducted such the lowest horizontal member of such fixed pier is no lower than five (5) feet off the surface of any underlying wetland areas, except if the previous authorization indicates such horizontal member is required to be constructed at a greater elevation.
- (13) Any reconstruction activity which proposes minor modifications or engineering improvements to flood and erosion control structures, without modifying the footprint of such structure, may be allowable provided that the permittee provides a narrative of such changes and a copy of the pre-construction and proposed site conditions plans with the registration filed pursuant to Section 4 of this general permit. Such modifications or improvements may include but are not limited to weep holes, footings, tie-backs, or returns. Approval for such modifications will be made at the sole discretion of the Commissioner and the permittee will be notified in writing of such decision.
- (14) Not later than five days prior to the commencement of work authorized herein, the permittee shall notify the commissioner of the commencement of work unless otherwise authorized by the commissioner.
- (15) Not later than 90 days after completion of any work authorized herein, the permittee shall prepare a Compliance Certification, a copy of which is attached to the registration form as Appendix A. Such Compliance Certification shall be completed by a professional engineer or land surveyor licensed in the State of Connecticut and shall be signed and sealed by such professional.
- (16) Not later than 120 days after completion of any work authorized herein, the permittee shall submit: (1) the Compliance Certification; (2) a copy of the pre-construction and post-construction plans; and (3) a copy of the pre-construction site photographs.
- (17) Such reconstruction shall be conducted only upon property owned by the permittee or the registrant shall submit written permission from the rightful property owner approving such activity with the registration filed pursuant to Section 4 of this general permit.

**(e) *Special Conditions for DEPARTMENT OF TRANSPORTATION  
MAINTENANCE authorized in Section 3(a)(5) of this general permit.***

- (1) In conducting any Department of Transportation Maintenance activities, the permittee shall follow any applicable Best Management Practices, design manuals and materials specifications published, used or adopted by the Connecticut Department of Transportation.
- (2) In conducting the work authorized herein, the permittee shall not cause permanent impacts to tidal wetlands associated with the installation of temporary or permanent structures, staging, or storage.

- (3) In conducting any bridge painting, preparation or cleaning activities authorized herein, the permittee shall install and utilize proper containment that prevents discharges into coastal waters or wetlands. The permittee shall ensure the containment system is in optimal operating condition until the work authorized herein is completed.
- (4) Any debris associated with any activity authorized herein, including sediment or debris from drains, scuppers or weeps; residue from scraping, sandblasting, abrading or painting, shall be collected and disposed of at an approved upland site applicable for such debris.
- (5) This authorization specifically does not allow for the increase of additional stormwater flows from the structures authorized herein.
- (6) The permittee shall stage any barges employed to complete the work authorized herein such that no more than 50% of the channel beneath any bridge is impeded at any time.
- (7) Any debris containment systems employed by the permittee shall be designed so as to prevent impacts to navigation. Prior to commencement of work, the permittee shall obtain Advance Approval by the U.S. Coast Guard, when applicable.
- (8) The full superstructure replacement authorized herein shall not include the replacement of existing bridge piers or foundations or construction of new bridge piers or foundations, nor shall it include any expansion of the width of any superstructure that could increase the volume of stormwater associated with such work.
- (9) Unless otherwise authorized in writing by the commissioner, the permittee, prior to the commencement of any bridge scour repair, shall install turbidity curtains or other appropriate containment extending from the water surface to the substrate around the work area. Such curtains shall be maintained in optimal operating condition until project completion at which time the erosion and sediment controls shall be removed to an upland location.
- (10) Prior to the installation of any grout bags, the permittee shall consult with Department of Energy & Environmental Protection Inland Fisheries Division regarding necessary project modifications or restrictions to protect fisheries resources. Any such modifications or restrictions become binding.
- (11) The permittee shall install any grout bags by hand. Such grout bags shall be located within the footprint of the existing footing and shall not extend further than two feet from the face of such footing. Such grout bags shall be placed in such a manner that they do not pose any adverse impact to navigation or fish passage.
- (12) In conducting work to wingwalls, endwalls, abutments, pipes, culverts, outlet

protection, or other shoreline armoring the permittee shall work during periods of low flow and low tide so as minimize sedimentation and impacts to coastal resources.

- (13) In constructing any new outlet protection where a section of pipe has been removed, the permittee shall not exceed the area of the disturbance caused by the removal of the pipe.
- (14) In conducting shoreline protection projects authorized herein, riprap or armoring shall not exceed the footprint of the protection originally in-place and shall be at the same grade and slope.
- (15) Not later than 90 days subsequent to the completion of any shoreline protection project including rip rap, bedding material, or other shoreline armoring authorized herein, the permittee shall submit as-built drawings showing the project.
- (16) In conducting any riprap work, the permittee shall place such riprap to its full course thickness in one operation to produce a reasonably well-graded slope without causing displacement of the underlying bedding material.
- (17) Prior to the commencement of work authorized herein, the permittee has obtained approval from the commissioner from sections 25-68b through 25-68h, inclusive, of the General Statutes, and sections 25-68h-1 through 25-68h-3 of the Regulations of Connecticut State Agencies, inclusive, as applicable.
- (18) Where construction requires heavy equipment operation in wetlands, the equipment shall either have low ground pressure or it shall be placed on construction mats that are adequate to support the equipment in such a way as to minimize disturbance of wetland soil and vegetation. Construction mats are to be placed in the wetland from the upland or from equipment positioned on swamp mats if working within a wetland. Dragging construction mats into position is prohibited.
- (19) Not later than January 15 of any year following a year in which the Department of Transportation conducted work under this general permit, the permittee shall submit a Project Report to the commissioner. The Project Report shall specify which projects, and which components of such projects, were conducted under this general permit, and a summary of the total number of times in the reporting year that the Department of Transportation conducted work under this general permit.

***(f) Special Conditions for BEACH GRADING and BEACH RAKING authorized in Section 3(a)(6) of this general permit.***

- (1) Unless otherwise authorized in writing by the Commissioner, all beach grading work authorized herein is prohibited between April 1<sup>st</sup> and September 15<sup>th</sup>, inclusive, of any year in order to protect spawning horseshoe crabs and nesting and migrating shorebirds.
- (2) Unless otherwise authorized in writing by the Commissioner, any beach raking activity which uses motorized equipment or employs implements which

penetrate more than two inches is prohibited between May 10<sup>th</sup> and July 15<sup>th</sup>, inclusive, of any year in order to protect spawning horseshoe crabs. Surficial beach raking by hand may be conducted at any time.

- (3) Such beach grading or beach raking activities are not conducted in areas of tidal wetlands or intertidal flats.
- (4) All structures located at or waterward of the coastal jurisdiction line on the site where such activities are proposed are authorized through an individual permit of this department and are in full compliance with such permit.
- (5) Such beach grading or beach raking activities shall not be conducted in areas waterward of mean low water.
- (6) In conducting such beach grading or beach raking activities, the permittee shall not store, stage, or operate any equipment in-water at any time.
- (7) No work authorized herein shall impede access to any riparian or littoral property.
- (8) No work authorized herein shall take place on any leased or managed shellfish bed.
- (9) Any material including macroalgae, stones, shells or other natural or unnatural debris removed during beach raking activities shall be disposed of above the coastal jurisdiction line and outside of any tidal wetlands.

***(g) Special Conditions for DERELICT STRUCTURES authorized in Section 3(a)(7) of this general permit.***

- (1) Prior to the commencement of work authorized herein, the permittee must obtain written permission from the property owner if the permittee is not the property owner whereupon such activity is to be undertaken.
- (2) Prior to the commencement of work authorized herein, the permittee shall install either (a) siltation curtains or (b) floating turbidity booms, if necessary, around the work area. Such curtains or booms shall be maintained in optimal operating condition until the work is completed and the area has stabilized.
- (3) Such activity is prohibited between June 1<sup>st</sup> and September 30<sup>th</sup>, inclusive, of any year in order to protect spawning shellfish in the area unless otherwise authorized in writing by the commissioner.
- (4) Any such activity which occurs in the intertidal zone shall only be conducted during periods of low water.
- (5) Such activity shall not disturb, displace or destroy objects determined by the State of Connecticut Historic Commission to have historical significance.



***(h) Special Conditions for PLACEMENT OF CULTCH authorized in Section 3(a)(8) of this general permit.***

- (1) Such placement of cultch shall only be conducted by a licensed shellfish operator in beds or areas designated for shellfishing under section 26-194 or section 26-242 of the General Statutes.
- (2) Such placement of cultch shall be conducted only in appropriate locations for colonization by oysters, based upon factors of salinity, water quality, water circulation patterns and substrate composition.
- (3) Such placement of cultch shall not be conducted in areas of tidal wetlands or submerged aquatic vegetation beds.
- (4) Prior to the commencement of such placement of cultch, such licensed shellfish operator obtains all required authorizations from the Department of Agriculture Bureau of Aquaculture and Laboratory and the local shellfish commission, as applicable.
- (5) Prior to the commencement of such placement of cultch, such licensed shellfish operator obtains permission in writing from the owner or lessee of such shellfish bed or area.
- (6) Such placement of cultch shall be conducted in such a manner that it does not exceed a layer of cultch on the seafloor greater than 12” in depth.
- (7) Such placement of cultch shall be conducted such that the placement does not exceed 1,500 bushels per acre of seafloor.

***(i) Special Conditions for MINOR SEAWALL REPAIR authorized in Section 3(a)(9) of this general permit.***

- (1) Any minor seawall repair authorized herein may include patching concrete, repointing mortar between stones, resetting fallen stones, and applying a skim coating to the face of a seawall.
- (2) Any minor seawall repair authorized herein shall not include the waterward encroachment of the face of the existing wall nor shall it include a new footing waterward of the face of any existing footing.
- (3) Such seawall has been constructed in conformance with an individual permit issued by this department, or was installed prior to June 24, 1939, or installed in its entirety landward of mean high water prior to January 1, 1987, and has been continuously maintained and serviceable since such time.
- (4) No work authorized under this section shall consist of “substantial maintenance” as defined by 22a-363a of the General Statutes.
- (5) No work authorized herein shall measurably increase the height or extend any

lateral or waterward encroachment of the seawall.

- (6) Such seawall work shall only be conducted during periods of low water and shall be conducted by hand using hand-held equipment.

**(j) *Special Conditions for CATCH BASIN CLEANING authorized in Section 3(a)(10) of this general permit.***

- (1) All waste resulting from the work authorized herein including but not limited to grit, sand, or other sediment or debris shall be removed from the area waterward of the coastal jurisdiction line and disposed of at an upland location in accordance with applicable law.
- (2) Sediment removal authorized herein shall not include removal of material located waterward of the waterward terminus of the pipe.
- (3) Activities such as flushing or power washing, or other similar activities that would create sedimentation or turbidity in the receiving waters is strictly prohibited.

**(k) *Special Conditions for BACKFLOW PREVENTION STRUCTURES authorized in Section 3(a)(11) of this general permit.***

- (1) Such portion of the closed water discharge system has been constructed in conformance with an individual permit issued by this department, or was installed prior to June 24, 1939, or installed in its entirety landward of mean high water prior to January 1, 1987, and has been continuously maintained and serviceable since such time.

**(l) *Special Conditions for RESTORATION ACTIVITIES authorized in Section 3(a)(12) of this general permit.***

- (1) Any restoration activities conducted under this authorization, except those consisting of the installation or repair of a fish bypass system, must be performed by, or under the direct supervision of, the department.
- (2) Any installation or repair of a fish bypass system which includes the removal or structural or functional modification of any dam, must be performed either by (a) the department; or (2) by a person who has consulted with department staff regarding project design and implementation. Any such person must implement recommendations made by department staff and shall retain a copy of such written consultation during construction at the construction site.
- (3) Any installation or repair of a fish bypass system which includes the removal or structural or functional modification of any dam, must have prior authorization under section 22a-403 of the General Statutes, as applicable.

**(m) *Special Conditions for TEMPORARY ACCESS OF CONSTRUCTION***

***VEHICLES OR EQUIPMENT authorized in Section 3(a)(13) of this general permit.***

- (1) This authorization is only for active operation of vehicles or equipment. At no time shall such vehicles or equipment be stored below the coastal jurisdiction line.
- (2) No vehicles or equipment shall be operated within areas of tidal wetlands or below the mean low water line. No vehicles or equipment shall be operated in the water during periods of high water above the mean low water line.
- (3) No material including but not limited to fill, construction materials, excavated material or debris, shall be deposited, placed, or stored below the coastal jurisdiction line or within areas of tidal wetlands.
- (4) Any barges used for such work may only come ashore and be secured in place while actively loading or off-loading equipment and shall not be moored or spudded in place for longer than necessary for such loading or off-loading activities.
- (5) This authorization explicitly does not cover construction vehicles or equipment associated with work or other activities regulated pursuant to section 22a-361 or 22a-32 of the General Statutes.

***(n) Special Conditions for MAINTENANCE OF DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION BOAT LAUNCH INFRASTRUCTURE authorized in Section 3(a)(14) of this general permit.***

- (1) No work authorized herein shall occur in tidal wetlands.
- (2) Debris associated with any activity authorized herein shall be collected and disposed of at an approved upland site applicable for such debris.
- (3) Such maintenance activities are limited to boat launches which have been the subject of a prior authorization.
- (4) Such maintenance activities shall not include dredging or excavation of any sediments.
- (5) Except as may be explicitly authorized by the Commissioner, such maintenance activities shall be in-kind and in-place conforming to the siting, layout, design, materials and structural components as set forth in the prior authorization. Any riprap or armoring shall not exceed the footprint as was originally in-place and shall be to the same grade and slope.
- (6) Not later than January 15 of any year following a year in which the Department of Energy and Environmental Protection conducted work under this general permit, the permittee shall submit a Project Report to the commissioner. The Project Report shall specify which projects, and which components of such projects, were

conducted under this general permit, and a summary of the total number of times in the reporting year that the Department of Energy and Environmental Protection conducted work under this general permit.

**(o) *General Construction and Use Conditions applicable to this General Permit.***

- (1) Prior to the commencement of any work authorized by this general permit or any approval of registration, the permittee shall provide copies of this general permit and any applicable approval of registration to any contractor employed to conduct such work and shall make such documents available for inspection at the site whenever work is being performed at the site.
- (2) No registrant or permittee shall initiate construction of any activity authorized herein prior to submission and approval of registration, as applicable, or prior to the submission of a Project Report, as applicable.
- (3) Any activity authorized herein shall be conducted in accordance with the site plans and drawings included with the approval of registration, as applicable.
- (4) Any barge utilized conducting any activity authorized herein, where allowed, shall not be stored over intertidal flats, submerged aquatic vegetation or tidal wetlands or in a location that interferes with navigation. In the event that any barge associated with the work authorized herein becomes grounded, no dragging or prop-dredging shall occur to free the barge.
- (5) Any activity authorized herein shall not be conducted such that it creates a hazard to or interferes with existing navigation uses in adjacent waterways. Such activities shall be setback from federal navigation channels and shall also be setback as prescribed in any harbor management plan approved pursuant to section 22a-113m of the General Statutes.
- (6) Such activities are, where applicable, consistent with a harbor management plan approved pursuant to section 22a-113m of the General Statutes.
- (7) The construction, installation, use or removal of any activity authorized herein shall not interfere with access or navigation to or from any riparian or littoral property.
- (8) The permittee shall maintain in good working condition all structures authorized under this general permit. Unless otherwise authorized in writing by the commissioner, the permittee shall remove from tidal, coastal or navigable waters of the state or tidal wetlands any structure or portions of structures which have been destroyed by any cause whether natural or man-made.
- (9) In the course of conducting any activity authorized herein, no person shall place any equipment or material, including fill, construction materials, construction debris or solid waste as defined in section 22a-207 of the General Statutes in any wetland or watercourse, nor use any wetland or watercourse as staging area except as explicitly authorized herein or in any approval of registration.

- (10) Upon completion of any work authorized herein, the permittee shall restore any area affected by, or used as a staging area in connection with, such activity to the condition of such area prior thereto.
- (11) Any debris associated with any activity authorized herein shall be removed from the area waterward of the coastal jurisdiction line and tidal wetlands and disposed of at an approved upland site applicable for such debris.
- (12) The permittee shall dispose of any solid waste, as defined in section 22a-207 of the General Statutes generated by the work authorized herein in accordance with all applicable law, including Chapters 446e and 446k of the General Statutes.
- (13) Any activity authorized herein shall be conducted so as to minimize adverse impacts to coastal resources and processes.
- (14) Any activity authorized herein shall be conducted so as to minimize adverse impacts to commercial and recreational fishing and shellfishing.
- (15) Any activity authorized herein shall not create an obstruction or hindrance that will have an adverse effect on the flood heights, flood carrying and water capacity of the waterways and floodplains.
- (16) Any activity authorized herein shall not adversely affect existing or designated uses of the waters of the state as defined in Connecticut's Water Quality Standards pursuant to section 22a-426 of the General Statutes.
- (17) In conducting any activity authorized herein, the permittee shall not cause or allow pollution, as defined in section 22a-423 of the General Statutes, including without limitation pollution resulting from erosion and sedimentation.
- (18) In undertaking the work authorized hereunder, the permittee shall not cause or allow pollution of wetlands or watercourses, including pollution resulting from sedimentation and erosion. For purposes of this permit, "pollution" means "pollution" as that term is defined by CGS section 22a-423.
- (19) Except as specifically authorized by this permit, the permittee shall establish a minimum of a 10 foot setback from any wetlands or watercourses in and adjacent to the area where work is to be conducted or areas which are to be used for access to the work area. Such setback area(s) shall be flagged so as to be readily identifiable by contractor personnel until the authorized work is completed.
- (20) Except as specifically authorized by this permit, no equipment or material, including but not limited to, fill, construction materials, excavated material or debris, shall be deposited, placed or stored in any wetland or watercourse on or off-site, or within any delineated setback area, nor shall any wetland, watercourse or delineated setback area be used as a staging area or access way other than as provided herein.

## **Section 6. General Conditions**

### **(a) *Reliance on Registration***

When evaluating a registration, the commissioner relies on information provided by the registrant. If such information proves to be false or incomplete, the authorization issued under this general permit may be suspended or revoked in accordance with law, and the commissioner may take any other legal action provided by law.

### **(b) *Duty to Correct and Report Violations***

Upon learning of a violation of a condition of this general permit, a permittee shall immediately take all reasonable action to determine the cause of such violation, correct such violation and mitigate its results, prevent further such violation, and report in writing such violation and such corrective action to the commissioner within five (5) days of the permittee's learning of such violation. Such report shall be certified in accordance with Section 6(d) of this general permit.

### **(c) *Duty to Provide Information***

If the commissioner requests any information pertinent to the authorized activity or to determine compliance with this general permit, or with the permittee's approval of registration, the permittee shall provide such information in writing within thirty (30) days of such request. Such information shall be certified in accordance with Section 6(d) of this general permit.

### **(d) *Certification of Documents***

Any document, including but not limited to any notice, which is submitted to the commissioner under this general permit shall be signed by, as applicable, the registrant or the permittee in accordance with section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

“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 those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.”

### **(e) *Date of Filing***

For purposes of this general permit, the date of filing with the commissioner of any document is the date such document is received by the commissioner. The word “day” as used in this general permit means the calendar day; if any date specified in the general permit falls on a Saturday, Sunday, or legal holiday, such deadline shall be the next business day thereafter.



**(f) *False Statements***

Any false statement in any information submitted pursuant to this general permit may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

**(g) *Correction of Inaccuracies***

Within fifteen (15) days after the date a permittee becomes aware of a change in any of the information submitted pursuant to this general permit, becomes aware that any such information is inaccurate or misleading, or that any relevant information has been omitted, such permittee shall correct the inaccurate or misleading information or supply the omitted information in writing to the commissioner. Such information shall be certified in accordance with Section 6(d) of this general permit. The provisions of this subsection shall apply both while a request for approval of registration is pending and after the commissioner has approved such request.

**(h) *Transfer of Authorization***

An approval of registration under this general permit is transferable only in accordance with the provisions of section 22a-6o of the General Statutes.

**(i) *Other Applicable Law***

Nothing in this general permit shall relieve the permittee of the obligation to comply with any other applicable federal, state and local law, including but not limited to the obligation to obtain any other authorizations required by such law.

**(j) *Other Rights***

This general permit is subject to and does not derogate any present or future rights or powers of the State of Connecticut and conveys no rights in real or personal property nor any exclusive privileges, and is subject to all public and private rights and to any federal, state, and local laws pertinent to the property or activity affected by such general permit. In conducting any activity authorized hereunder, the permittee may not cause pollution, impairment, or destruction of the air, water, or other natural resources of this state. The issuance of this general permit shall not create any presumption that this general permit should or will be renewed.

## **Section 7. Commissioner's Powers**

**(a) *Abatement of Violations***

The commissioner may take any action provided by law to abate a violation of this general permit, including the commencement of proceedings to collect penalties for such violation. The commissioner may, by summary proceedings or otherwise and for any reason provided by law, including violation of this general permit, revoke a permittee's authorization hereunder in accordance with sections 22a-3a-2 through 22a-3a-6, inclusive, of the Regulations of Connecticut State Agencies. Nothing herein shall be construed to affect any remedy available to the commissioner by law.

**(b) General Permit Revocation, Suspension, or Modification**

The commissioner may, for any reason provided by law, by summary proceedings or otherwise, revoke or suspend this general permit or modify it to establish any appropriate conditions, schedules of compliance, or other provisions which may be necessary to protect human health or the environment.

**(c) Filing of an Individual Permit Application**

If the commissioner notifies a permittee in writing that such permittee must obtain an individual permit to continue lawfully conducting the activity authorized by this general permit, the permittee may continue conducting such activity only if the permittee files an application for an individual permit within sixty (60) days of receiving the commissioner's notice. While such application is pending before the commissioner, the permittee shall comply with the terms and conditions of this general permit and the subject approval of registration. Nothing herein shall affect the commissioner's power to revoke a permittee's authorization under this general permit at any time.

Issued Date: October 26, 2015

Robert J. Klee

Commissioner

This is a true and accurate copy of the general permit executed on **October 26, 2015** by the Commissioner of the Department of Energy and Environmental Protection.

**Land Record Filing\***

**To:** DO NOT FILE

**Signature and**

**NOTE: Due to the electronic delivery of this license and the legal requirement to have a live signature on this document, the “Land Record Filing” as detailed in General Condition #1 will be sent to the Licensee via U.S. Mail for the Licensee to file with the city/town clerk.**

**Date:**

**Subject:** \_\_\_\_\_  
License # \_\_\_\_\_

If you have any questions pertaining to this matter, please contact the Land & Water Resources Division at 860-424-3019.

~~Return to:~~

~~Land & Water Resources Division  
State of Connecticut  
Department of Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127~~

\*The Licensee shall file the Land Record Filing on the land records of the municipality in which the subject property is located not later than thirty (30) days after license issuance pursuant to Connecticut General Statutes (CGS) Section 22a-363g. A copy of the Notice with a stamp or other such proof of filing with the municipality shall be submitted to the Commissioner no later than sixty (60) days after license issuance.



## Compliance Certification Form

The following certification must be signed by the licensee working in consultation with a Connecticut-licensed design professional and must be submitted to the address indicated at the end of this form within ninety (90) days of completion of the authorized work.

<p>1. Licensee Name: _____</p> <p>DEEP License Number(s): _____</p> <p>Municipality in which project is occurring: _____</p>													
<p>2. <b>Check one:</b></p> <p>(a) <input type="checkbox"/> "I certify that the final site conditions and / or structures are in general conformance with the approved site plans". Identify and describe any deviations and attach to this form.</p> <p>(b) <input type="checkbox"/> "The final site conditions and / or structures are not in general conformance with the approved site plans. The enclosed "as-built" plans note the modifications".</p>													
<p>3. "I understand that any false statement in this certification is punishable as a criminal offence under section 53a-157b of the General Statutes and under any other applicable law."</p> <table style="width: 100%; border: none;"><tr><td style="width: 50%; border-bottom: 1px solid black; text-align: center;">Signature of Licensee</td><td style="width: 50%; border-bottom: 1px solid black; text-align: center;">Date</td></tr><tr><td colspan="2" style="border-bottom: 1px solid black; text-align: center;">Name of Licensee (print or type)</td></tr><tr><td colspan="2" style="height: 40px;"></td></tr><tr><td style="border-bottom: 1px solid black; text-align: center;">Signature of CT-Licensed Design Professional</td><td style="border-bottom: 1px solid black; text-align: center;">Date</td></tr><tr><td colspan="2" style="border-bottom: 1px solid black; text-align: center;">Name of CT-Licensed Design Professional (print or type)</td></tr><tr><td style="border-bottom: 1px solid black; text-align: center;">Professional License Number (if applicable)</td><td style="border-bottom: 1px solid black; text-align: center;">Affix Stamp Here</td></tr></table> <div style="border: 1px solid black; width: 200px; height: 150px; margin-left: auto; margin-top: 20px;"></div>		Signature of Licensee	Date	Name of Licensee (print or type)				Signature of CT-Licensed Design Professional	Date	Name of CT-Licensed Design Professional (print or type)		Professional License Number (if applicable)	Affix Stamp Here
Signature of Licensee	Date												
Name of Licensee (print or type)													
Signature of CT-Licensed Design Professional	Date												
Name of CT-Licensed Design Professional (print or type)													
Professional License Number (if applicable)	Affix Stamp Here												
<ul style="list-style-type: none"><li>As-built plans shall include: elevations or tidal datums, as applicable, and structures, including any proposed elevation views and cross sections included in the approved license plans. Such as-built plans shall be the original ones and be signed and sealed by an engineer, surveyor or architect, as applicable, who is licensed in the State of Connecticut.</li><li>The Licensee will be notified by staff of the Land and Water Resources Division (LWRD) if further compliance review is necessary. Lack of response by LWRD staff does not imply compliance.</li></ul> <p>Submit this completed form to :</p> <p><b>Regulatory Section</b> <b>Department of Energy and Environmental Protection</b> <b>Land &amp; Water Resources Division</b> <b>79 Elm Street</b> <b>Hartford, CT 06106-5127</b></p>													

## **LWRD Work Commencement Form**

**To:** Regulatory Section  
Department of Energy and Environmental Protection  
Land & Water Resources Division  
79 Elm Street  
Hartford, CT 06106-5127

**Licensee Name:** \_\_\_\_\_

**Municipality in which the project is occurring:** \_\_\_\_\_

**DEEP License No(s):** \_\_\_\_\_

### **CONTRACTOR(s):**

# 1 Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

# 2 Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

# 3 Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_

Date Contractor(s) received a copy  
of the license and approved plans: \_\_\_\_\_

EXPECTED DATE OF COMMENCEMENT OF WORK: \_\_\_\_\_

EXPECTED DATE OF COMPLETION OF WORK: \_\_\_\_\_

LICENSEE: \_\_\_\_\_  
(Signature) (Date)