



Office Use Only

Project# _____

Address: _____

MBL: _____

RECEIVED
6.25.2021
East Hampton
Land Use Office

Minimum Requirements for Submission of Application to Inland Wetlands and Watercourses Agency

This form must be submitted with your application

Please check all that are being submitted:

- Completed Application Form (3 Pages)
 - Fee Paid
 - Site Plan (Showing project location, extent of wetlands, dimensions, etc) – 10 Copies
 - Project Narrative – 10 Copies
 - Soils Report (As Required)
 - Stormwater Report (As Required)
 - State Reporting Form (Filled in to extent possible)
 - Completed Application Checklist (Page 3 of Application)
- Schedule a Site Visit with Planning & Zoning Official at time of Application

I certify that this application is complete:

Signature of Applicant: _____

[Handwritten Signature]
CLA -
AGENT

Date: _____

6/24/21

The Agency reserves the right to add additional requirements in accordance with the Regulations.

Only Complete Application Packages Will Be Accepted

Office Use Only

Fee Paid _____ Date Approved _____ Permit Number _____
Public Hearing: YES NO Agent Approval: YES NO

TOWN OF EAST HAMPTON
INLAND WETLANDS & WATERCOURSES AGENCY

Date: 6/24/21

1. Name of Applicant* East Hampton WPCA
Phone Numbers: Home _____, Business 860-267-2536, Cell 860-543-3844
Home Address: Street 20 Gildersleeve Drive Town East Hampton State/Zip CT 06424
Business Address: Street Same Town _____ State/Zip _____

* All applications MUST list contact phone numbers. If the applicant is a Limited Liability Corporation or a Corporation, provide the managing member's or responsible corporate officer's name, address, and telephone number.

2. Name of Property Owner (if different from Applicant): Same Phone _____
Address: Street _____ Town _____ State/Zip _____

As the legal owner of the property listed on this application I hereby consent to the proposed activities. I hereby authorize the members and agents of the Agency to inspect the subject land, at reasonable times, during the pendency of the application and for the life of the permit.

Printed Name: Scott Clayton (Public Utility Administrator - East Hampton WPCA), Signature: Scott Clayton, Date: 6/24/21

3. Provide the applicant's interest in the land. OWNER OF SEWER FOREMAIN

4. Site Location and Description: Assessor's Map Town Sewer Easement, Block _____, Lot _____
Address: Street Pine Trail Town East Hampton State/Zip CT 06424

Note: It is the applicant's responsibility to provide the correct site address, map, block, and lot number for the legal notice. Provide a description of the land in sufficient detail to allow identification of the inland wetlands and watercourses, the area(s) (in acres or square feet) of wetlands or watercourses to be disturbed, soil type(s), and wetland vegetation.

Area of Wetland to be disturbed: 0 acres or sq. ft.
Area of Watercourse to be disturbed: 0 acres or sq. ft.
Area of Upland Review Area to be disturbed: 0.3 acres acres or sq. ft. (Area within 100' of wetland)
TOTAL AREA OF DISTURBANCE 0.3 acres acres or sq. ft.
Will fill be needed on site? Yes No If yes, how much fill is needed? 0 cubic yards

The property contains (circle one or more)
WETLANDS, BROOK, RIVER, INTERMITTANT STREAM, VERNAL POOL, SWAMP, OTHER _____
Description of soil wetland types on site: _____
Description of wetland vegetation: _____
Name of Soil Scientist and date of survey: See attached letter

5. Attach a written narrative of the purpose and description of the proposed activity and proposed erosion and sedimentation controls, best management practices, and mitigation measures which may be considered as a condition of issuing a permit for the proposed regulated activity including but not limited to; measures to:
(1) prevent or minimize pollution or other environmental damage, (2) maintain or enhance existing environmental quality, or (3) in the following order of priority: restore, enhance or create productive wetland or watercourse resources. Depending on the complexity of the project, include the following: sequence of operations, drainage computations with pre and post construction runoff quantities and runoff rates, plans clearly showing the drainage areas corresponding to the drainage computations, existing wetland inventory and functional assessment, soils report, construction plans signed by a certified soils scientist, licensed surveyor, and licensed professional engineer. Include a construction schedule, impacts to vegetation, and pictures that clearly show the existing conditions of all areas to be disturbed and/or cleared of vegetation.
6. Provide information of all alternatives considered. List all alternatives which would cause less or no environmental impact to wetlands or watercourses and state why the alternative as set forth in the application was chosen. All such alternatives shall be diagramed on a site plan or drawing.

Attach plans showing all alternatives considered.

1) Sewer forcemain replacement in place and 2) Sewer forcemain replacement on the west side of the existing forcemain were considered. 1) Would have required a considerable amount of temporary pumping and resulted in no less upland review disturbance. 2) Would have resulted in upland review disturbance closer to the flagged wetland.

7. Attach a site plan showing the proposed activity and existing and proposed conditions in relation to wetlands and watercourses and identifying any further activities associated with, or reasonably related to, the proposed regulated activity which are made inevitable by the proposed regulated activity and which may have an impact on wetlands or watercourses. Include a colored grading plan showing areas to be filled (green) and areas to be excavated (brown) that clearly shows existing and proposed contours and proposed limits of disturbance.

8. Attach the names and mailing addresses of adjacent landowners. Attach additional sheets if necessary.

Name See Attached Address _____
Name _____ Address _____
Name _____ Address _____

9. Attach a completed DEEP reporting form.

The Agency shall revise or correct the information provided by the applicant and submit the form to the Commissioner of Environmental Protection in accordance with section 22a-39-14 of the Regulations of Connecticut State Agencies.

10. Attach the appropriate filing fee based on the fee schedule in Section 19 of the regulations.

Fee: _____ (Make check payable to "The Town of East Hampton")

11. Name of Erosion Control Agent (Person Responsible for Compliance): _____
Scott Clayton (Public Utility Administrator - East Hampton WPCA) Phone Numbers: Home _____, Business 860-267-2536,
Cell 860-543-3844 Address: Street 20 Gildersleeve Drive Town East Hampton
State/Zip CT 06424

12. Are you aware of any wetland violations (past or present) on this property? YES NO
If yes, explain N.A.

13. Are you aware of any vernal pools located on or adjacent (within 500') to the property? YES NO

14. For projects that do not fall under the ACOE Category 1 general permit – Have you contacted the Army Corps of Engineers? YES NO

15. Is this project within a public water supply aquifer protection area or a public water supply watershed area? YES NO
If so, have you notified the Commissioner of the Connecticut Department of Public Health and the East Hampton WPCA? YES NO
(Proof of notification must be submitted with your application.)

16. PUBLIC HEARINGS ONLY. The applicant must provide proof of mailing notices to the abutters prior to the hearing date.

17. **As the applicant I am familiar with all the information provided in the application and I am aware of the penalties for obtaining a permit through deception or through inaccurate or misleading information.**

Printed name: Scott Clayton (Public Utility Administrator - East Hampton WPCA), Signature: *Scott Clayton*, Date: 6/24/21

Please Note: You or a representative must attend the Inland Wetlands meeting to present your application.

CHECKLIST FOR A COMPLETE APPLICATION

- completed application form including Department of Energy and Environmental Protection reporting form (green copy)
- A narrative of the purpose and description and methodology of all proposed activities;
- Alternatives considered by the applicant, reasons for leaving less than a 10' buffer between clearing and the wetlands. Such alternatives to be diagrammed on a site plan or drawing and submitted to the commission as part of the application;
- Names and mailing addresses of abutting property owners;
- Three copies of approximately 1"=40' scale plans
- Locations of existing and proposed land uses
- Locations of existing and proposed buildings
- Locations of existing and proposed subsurface sewage disposal systems, and test hole descriptions
- Existing and proposed topographical and man-made features including roads and driveways, on and adjacent to the site. Include a colored grading plan showing areas to be filled (green) and areas to be excavated (brown) that clearly shows existing and proposed contours and proposed limits of disturbance.
- Location and diagrams of proposed erosion control structures
- Pictures of existing conditions clearly showing all areas to be disturbed, and/or cleared of vegetation.
- Assessor map, block and lot number
- Key or inset map
- North arrow
- Flood zone classification and delineation
- Use of wetland and watercourse markers where appropriate.
- Soil types classification and boundary delineation (flagged and numbered boundary), Soil Scientist's original signature and certification on plans
- Soil Scientist's (or other wetland scientist) report on the function of the wetlands
- Watercourse channel location and flow direction, where appropriate
- 100 ft. regulated area depicted on plans
- Conservation easements where appropriate
- A detailed erosion and sediment control plan which meets requirements set forth in the most recent revision of the *Connecticut Guidelines for Soil Erosion and Sediment Control*, published by the Connecticut Council on Soil and Water Conservation, including:
 - Location of areas to be stripped of vegetation and other unprotected areas
 - Schedule of operations including starting and completion dates for major development phases
 - Seeding, sodding, or re-vegetation plans for all unprotected or un-vegetated areas
 - Location and design of structural sediment control measures
 - Timing of planned sediment control measures
 - Use of wetland and watercourse markers
 - Proper certification on the application documents and plans

In the case of filling in wetlands, watercourses, or regulated upland areas, the following items are necessary:

- Area to be filled
- Volume of requested fill
- Finished slopes of filled areas
- Containment and stabilization measures
- Proposed finished contours
- Evaluation of the effect of filling the wetlands with respect to storage volume and its impact downstream showing before and after development flows, and the evaluation of storm water detention including the existing need for flood control downstream

Other required items:

- Proof of adjoining Town notification, where required;
- All application fees required by Section 19 of these regulations;
- A written narrative detailing how the effects of the applicant's proposed activities upon wetlands and watercourses shall be mitigated.
- A written description of any and all future plans which may be linked to the activities proposed in the current application.
- Address the potential to enhance the current buffer area.
- Review drainage information with Town Engineering
- Mailing requirements for abutters (public hearing only)



Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions.
If completing by hand - please print and use the [pdf version](#).
Incomplete or incomprehensible forms will be mailed back to the municipal inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

- DATE ACTION WAS TAKEN: year: [Click Here for Year](#) month: [Click Here for Month](#)
- CHOOSE ACTION TAKEN (see instructions for code): [Click Here to Choose a Code](#)
- WAS A PUBLIC HEARING HELD (check one)? yes no
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
(type name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

- TOWN IN WHICH THE ACTIVITY IS OCCURRING (type name): East Hampton
does this project cross municipal boundaries (check one)? yes no
if yes, list the other town(s) in which the activity is occurring (type name(s)): _____, _____
- LOCATION (click on hyperlinks for information): [USGS quad map name](#): Moodus or [quad number](#): 68
[subregional drainage basin number](#): 4709
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): East Hampton WPCA
- NAME & ADDRESS OF ACTIVITY / PROJECT SITE (type information): Pine Trail
briefly describe the action/project/activity (check and type information): temporary permanent description: _____
- ACTIVITY PURPOSE CODE (see instructions for code): E
- ACTIVITY TYPE CODE(S) (see instructions for codes): 12, 2, 8, Click for Code
- WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, type acres or linear feet as indicated):
wetlands: 0.00 acres open water body: 0.00 acres stream: 0 linear feet
- UPLAND AREA ALTERED (type acres as indicated): 0.30 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type acres as indicated): 0 acres

DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

	Property Address	Town	Owner	2 Owner	Mailing Adress	Mailing Town	State & Zip
Pine Trail Force Main Properties							
Brookhaven Park Assoc	10A/82/31A-Hawthorne	East Hampton	Brookhaven Park Assoc	Amanda Taylor	20 Lowell Rd	East Hampton	CT 06424
Brookhaven Park Assoc	10A/82/26A Park Rd	East Hampton	Brookhaven Park Assoc Lake Pocotopaugh Terrace Assoc	Amanda Taylor	20 Lowell Rd	East Hampton	CT 06424
Lake Pocotopaugh Terrace Assoc	10A/79A/15	East Hampton	Assoc		Po Box 154	East Hampton	CT 06424
Clearwater Condominium Assoc	Clearwater Lane	East Hampton	CT 06424 Susan Giuffrida	Giulio Giuffrida	544 Pine St 1st Fl	Middletown	CT 06457
	1 Clearwater Lane	East Hampton	CT 06424 Peter	Guatsmachio	52 Pratt St	Glastonbury	CT 06033
	2 Clearwater Lane	East Hampton	CT 06424 Bruce Sutkowski	Gail Wozenski	775 Mott Hill Rd	So Glastonbury	CT 06073
	3 Clearwater Lane	East Hampton	CT 06424 Christopher	Laterza	3 Clearwater Ln	East Hampton	CT 06424
	4 Clearwater Lane	East Hampton	CT 06424 Robert	Brand	4 Clearwater Ln	East Hampton	CT 06424
	5 Clearwater Lane	East Hampton	CT 06424 Peter	Guatsmachio	52 Pratt St	Glastonbury	CT 06033
	6 Clearwater Lane	East Hampton	CT 06424 Susan Giuffrida	Giulio Giuffrida	544 Pine St 1st Fl	Middletown	CT 06457
	7 Clearwater Lane	East Hampton	CT 06424 Peter	Guatsmachio	52 Pratt St	Glastonbury	CT 06033
	8 Clearwater Lane	East Hampton	CT 06424 Susan Giuffrida	Giulio Giuffrida	544 Pine St 1st Fl	Middletown	CT 06457
	9 Clearwater Lane	East Hampton	CT 06424 Susan Giuffrida	Giulio Giuffrida	544 Pine St 1st Fl	Middletown	CT 06457
	1 Park Rd	East Hampton	CT 06424 Daniel Kohan	Ryan Sheehan	1 Park Rd	East Hampton	CT 06424
	5 Park Rd	East Hampton	CT 06424 Shelia Schwedler	Michael Campisi	5 Park Rd	East Hampton	CT 06424
	11 Pine Trail	East Hampton	CT 06424 John Jordon	Susan Jordon	11 Clearwater Ln	East Hampton	CT 06424
	32 Pine Trail	East Hampton	CT 06424 Ralph	Landino	7093 Tuxedo St	Englewood	FL 34224
	29 Pine Trail	East Hampton	CT 06424 Judith	Hilsdon	PO Box 355	East Hampton	CT 06424
	21 Hawthorne	East Hampton	CT 06424 Jeffrey Thornton	Kathleen Thornton	31 Sunny Brook Rd	Manchester	CT 06040

CLA Engineers, Inc.

Civil • Structural • Survey

317 MAIN STREET • NORWICH, CT 06360 • (860) 886-1966 • (860) 886-9165 FAX

June 24, 2021

Mr. Jeremey DeCarli
Planner
Inland Wetlands Agent
Town of East Hampton
20 East High Street
East Hampton, CT 06424

Re: WPCA Forcemain Replacement
Pine Trail
East Hampton CT
CLA -6365

Dear Mr. DeCarli:

At the request of The East Hampton WPCA, CLA has investigated the referenced site for inland wetlands and watercourses. CLA performed the delineation in fall of 2018. The plans prepared by CLA and submitted to the Town of East Hampton show the wetlands in relation to the proposed new sewer forcemain. All of the delineated resource area is wetlands that has been previously altered and impacted for development of the sewer line and local residences. This report documents the wetland types found and the potential for impacts. This letter also serves as the soil scientist's report and documents the soils found on the site and their characteristics.

Project Purpose and Need

The subject property is zoned as residential and is served by municipal sewer. The properties contain the existing 4 inch ductile iron sewer line as depicted on the project plans. The applicant seeks to install a replacement sewer line (approximately 750 feet of 4 inch diameter polyethylene pipe) at this location without adverse impacts to wetlands and watercourses through use of Best Management Practices (BMPS). The existing line will be plugged and abandoned in place.

Existing Conditions

The configuration of the site investigated is shown on the plans provided by CLA Engineers as part of the application to the IWWC. The site was previously developed and has the existing sewer line, streets, house and a beach on Lake Pocotopaug. The site locus is shown on the project plans

The Pine Trail sewer activities will fall partially within the wetland, in areas that were previously filled for development of the sewer line, houses, and yards. The hydrology of this location continues to support wetland soils; however.

Surface water runoff from the site flows into Lake Pocotopaug after passing through vegetated wetland.

Wetlands were delineated with sequentially numbered pink flags, which were field located CLA Engineers. Wetland flag numbers locations and numbers are shown on the plans.

Surrounding land use is residential.

Soils and vegetation

The NRCS soil series classifications for the sites and surrounding areas are shown in Appendix A. The upland on and around the site have soils that have been thoroughly reworked and are typically classified as Udorthents by the Natural Resources Conservation Series (NRCS). On-site soil testing was consistent with the filled and graded soils.

The on-site wetlands soils are Ridgebury, Leicester and Whitman series stony sandy loam, as determined in the field. This is consistent with the upland soils, Woodbridge, Canton and Charlton series that are shown on the soil survey and found in proximity of the Pine Trail site.

Due to the development, there is limited natural wetland vegetation. There are red maple trees (*Acer rubrum*) and sweet pepperbush (*Clethra alnifolia*) scattered along the edges of yards with a few silky dogwood (*Cornus ammomum*) and alder (*Alnus sp*) shrubs mixed in. The vegetation also includes maintained lawns and landscape plantings.

Wetland Conditions

Based on field observations and map resources, the on-site wetlands were disturbed by past grading, apparently for construction of the sewer line, houses and beach. These wetlands perform a limited subset of functions that are typically attributed to Connecticut's wetlands. Observations relevant to functions and values of the wetlands include:

1. The wetlands are within an area of residential development.
2. No significant erosion was noted in or around the wetlands.
3. The wetlands receive storm water runoff from nearby development.
4. The wetlands lack typical wetland vegetation.
5. There is no undeveloped buffer around the wetlands.
6. The December 2020 CTDEEP Natural Diversity Database (NDDDB) shows known presence of threatened, endangered or species of special concern.

Based on these observations, the on-site wetlands appear to provide limited functions including local wildlife habitat and buffering the lake. The NDDB data show known presence of protected species, however based on the limited scale of work and the disturbed nature of the site, CLA believes that there is minimal chance of impacts.

Potential for Impacts

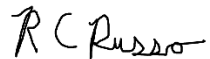
The proposed project involves work within previously developed and/or altered land. The work does have temporary direct wetland impacts at the Pine Trail site, however the sites will be restored. Given the disturbed nature of the sites, there is little concern for loss of wetland function. The main concerns for potential impacts are sediments flowing offsite and into the lake during construction.

Note that the BMPs specified on the plans will prevent and minimize pollution and environmental damage and maintain the existing environmental quality, per the Town of East Hampton regulations.

Appropriate E&S to protect offsite resources during construction are shown on the plans. If these are adhered to, CLA believes the potential for impacts lower in the watershed will be minimized.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "R C Russo". The letters are cursive and somewhat stylized.

Robert C. Russo, C.S.S.

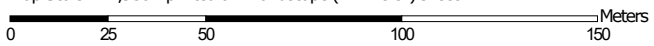
Appendix A: Soils Data

Soil Map—State of Connecticut
(Pine Trail Forceman)



Soil Map may not be valid at this scale.

Map Scale: 1:1,930 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut

Survey Area Data: Version 20, Jun 9, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 3, 2019—Oct 22, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	0.6	4.2%
61B	Canton and Charlton fine sandy loams, 0 to 8 percent slopes, very stony	1.0	7.2%
72C	Nipmuck-Brookfield complex, 3 to 15 percent slopes, very rocky	2.6	18.3%
72E	Nipmuck-Brookfield complex, 15 to 45 percent slopes, very rocky	6.2	43.2%
301	Beaches-Udipsamments complex, coastal	0.1	0.5%
W	Water	3.8	26.7%
Totals for Area of Interest		14.3	100.0%