

Office Use Only
 Fee Paid \$135 Date Approved _____ Permit Number TW-19-019
 Public Hearing: YES NO Agent Approval: YES NO



TOWN OF EAST HAMPTON
 INLAND WETLANDS & WATERCOURSES AGENCY

Date: 5/8/19
 1. Name of Applicant* William J. Dennehy & Patricia Daly Banning TIME _____
 Phone Numbers: Home _____ Business _____ Cell 860 882 2215
 Home Address: Street 85 North Main St Town East Hampton State/Zip CT 06424
 Business Address: Street _____ 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): _____ Phone _____
 Address: Street Hammers & Daly Rd 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: Patricia Daly Banning Signature: Patricia Daly Banning Date: 5.6.19
William J. Dennehy William J. Dennehy

3. Provide the applicant's interest in the land. Co-owners - beneficiaries of trust

4. Site Location and Description: Assessor's Map 226 Block 87 Lot 6
 Address: Street Hammers & Daly Rd 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 acres or sq. ft. (Area within 100' of wetland)
TOTAL AREA OF DISTURBANCE 0 acres or sq. ft.

Will fill be needed on site? Yes No If yes, how much fill is needed? _____ cubic yards

The property contains (circle one or more)
 WETLANDS, BROOK, RIVER, INTERMITTANT STREAM, VERNAL POOL, SWAMP, OTHER _____

Description of soil types on site: _____

Description of wetland vegetation: _____

Name of Soil Scientist and date of survey: William Jackson 5.2.2019

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.

Create 2 Lot Subdivision creating 1
buildable lot and 1 forestry lot.

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 _____ 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: \$135⁰⁰ (Make check payable to "The Town of East Hampton")

11. Name of Erosion Control Agent (Person Responsible for Compliance): _____

Phone Numbers: Home _____, Business _____, Cell _____

Address: Street _____ Town _____ State/Zip _____

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

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: Patricia Kelly Banning Signature: Patricia Kelly Banning Date: 5.6.19

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

William J. Dennehy William J. Dennehy

SOIL INVESTIGATION/FIELD NOTES

Jackson Environmental, LLC
289 High Road, Kensington, CT

TEST PIT # 1

JOB NO.: JE 19-07 CLIENT: Flynn & Cyr Land Surveying, LLC

SITE LOCATION: Proposed Subdivision, 3.75-acre lot, 80 Flanders Road, East Hampton, Conn.

Ground Surface Elevation: 536

Note: Previous Precipitation Event: April 15, 2019. Approx. one-inch

DATE: April 17, 2019

TIME: 11:30 to 15:00

WEATHER: Clear, Sunny, Warm 60 deg. F

LAND USE: Agricultural - Pasture

LANDFORM: Glacial Till Uplands

SLOPE: 6 to 8 %

SOIL MAP UNIT: Woodbridge Stony Fine Sandy Loam

DEPTH TO GRNDWTR: Not Observed

SOIL CLASSIFICATION:

DEPTH TO BEDROCK: Not Observed

PARENT MATERIAL: Coarse - Loamy Lodgment Till

DEPTH TO COMPACT SOIL: 38-inches

SOIL PROFILE DESCRIPTION									
SOIL HORIZON	DEPTH (IN.)	BOUNDARY	SOIL TEXTURE	MATRIX COLOR, DRY	SOIL REDOX COLORS, DRY	STRUCTURE	CONSISTENCY	% Gravel	NOTES
Ap	0 - 8	abrupt	fine sandy loam	dark brown	--	slight crumb	friable	< 10%	common roots
Bw1	8 - 23	clear	sandy loam	yellow brown	--	med. subang blkly	friable	< 10%	few roots, cobbles & stones
Bw2	23 - 38	clear	loamy sand	dk yellow brn	greyish brown	granular	friable	10%	no roots - Redox features at 30-inches
Cd	38 - 82	--	loamy sand	lt. olive brown	greyish brown	granular	friable	30%	no roots, cobbles, stones and fine gravel

NOTES: Total Depth: 82-inches
Bedrock not encountered
Groundwater not observed

SOIL INVESTIGATION/FIELD NOTES

Jackson Environmental, LLC
289 High Road, Kensington, CT

TEST PIT # 2

JOB NO.: JE 19-07 CLIENT: Flynn & Cyr Land Surveying, LLC

SITE LOCATION: Proposed Subdivision, 3.75-acre lot, 80 Flanders Road, East Hampton, Conn.

Ground Surface Elevation: 536

DATE: April 17, 2019 TIME: 11:30 to 15:00

LAND USE: Agricultural - Pasture LANDFORM: Glacial Till Uplands

SOIL MAP UNIT: Woodbridge Stony Fine Sandy Loam

SOIL CLASSIFICATION:

PARENT MATERIAL: Coarse - Loamy Lodgment Till

SOIL PROFILE DESCRIPTION

SOIL HORIZON	DEPTH (IN.)	BOUNDARY	SOIL TEXTURE	MATRIX COLOR, DRY	SOIL REDOX COLORS, DRY	STRUCTURE	CONSISTENCY	% Gravel	NOTES
Ap	0 - 6	abrupt	fine sandy loam	dark brown	--	slight crumb	friable	< 5%	common roots
Bw1	6 - 22	clear	sandy loam	yellow brown	--	med. subang blkly	friable	< 10%	common roots, cobbles & stones
Bw2	22 - 38	clear	loamy sand	dk yellow brn	greyish brown	granular	friable	25%	no roots - Redox features at 31-inches
Cd	38 - 82	--	loamy sand	lt. olive brown	greyish brown	granular	friable	30%	no roots, cobbles, stones and fine gravel

NOTES: Total Depth: 82-inches

Bedrock not encountered

Groundwater observed at 76-inches below surface grade

SOIL INVESTIGATION/FIELD NOTES

Jackson Environmental, LLC
289 High Road, Kensington, CT

TEST PIT # 3

JOB NO. JE 19-07 CLIENT: Flynn & Cyr Land Surveying, LLC

SITE LOCATION: Proposed Subdivision, 3.75-acre lot, 80 Flanders Road, East Hampton, Conn.
Ground Surface Elevation: 535

DATE: April 17, 2019 TIME: 11:30 to 15:00

LAND USE: Agricultural - Pasture LANDFORM: Glacial Till Uplands

SOIL MAP UNIT: Woodbridge Stony Fine Sandy Loam

SOIL CLASSIFICATION:

PARENT MATERIAL: Coarse - Loamy Lodgment Till

SOIL PROFILE DESCRIPTION									
SOIL HORIZON	DEPTH (IN.)	BOUNDARY	SOIL TEXTURE	MATRIX COLOR, DRY	SOIL REDOX COLORS, DRY	STRUCTURE	CONSISTENCY	% Gravel	NOTES
Ap	0 - 8	gradual	fine sandy loam	dark brown	--	slight crumb	friable	< 5%	common roots
A/B	8 - 12	gradual	sandy loam	dk yellow brn	--	med. subang blkly	friable	< 10%	few roots
Bw1	12 - 24	clear	sandy loam	yellow brown	--	med. subang blkly	friable	< 10%	no roots, cobbles & stones
Bw2	24 - 40	clear	loamy sand	dk yellow brn	greyish brown	granular	friable	25%	no roots - Redox features at 32-inches
Cd	40 - 90	--	loamy sand	lt. olive brown	greyish brown	weak platy	friable	30%	no roots, cobbles, stones and fine gravel

NOTES: Total Depth: 90-inches
Bedrock not encountered
Groundwater not observed

SOIL INVESTIGATION/FIELD NOTES

Jackson Environmental, LLC
289 High Road, Kensington, CT

TEST PIT # 4

JOB NO. JE 19-07 CLIENT: Flynn & Cyr Land Surveying, LLC

SITE LOCATION: Proposed Subdivision, 3.75-acre lot, 80 Flanders Road, East Hampton, Conn.
Ground Surface Elevation: 535.5

DATE: April 17, 2019 TIME: 11:30 to 15:00 WEATHER: Clear, Sunny, Warm 60 deg. F

LAND USE: Agricultural - Pasture LANDFORM: Glacial Till Uplands SLOPE: 6 to 8 %

SOIL MAP UNIT: Woodbridge Stony Fine Sandy Loam DEPTH TO GRNDWTR: Not Observed

SOIL CLASSIFICATION: DEPTH TO BEDROCK: Not Observed

PARENT MATERIAL: Coarse - Loamy Lodgment Till DEPTH TO COMPACT SOIL: 39-inches

SOIL PROFILE DESCRIPTION									
SOIL HORIZON	DEPTH (IN.)	BOUNDARY	SOIL TEXTURE	MATRIX COLOR, DRY	SOIL REDOX COLORS, DRY	STRUCTURE	CONSISTENCY	% Gravel	NOTES
Ap	0 - 9	gradual	fine sandy loam	dark brown	--	slight crumb	friable	< 10%	common roots
A/B	9 - 13	gradual	fine sandy loam	dk yellow brn			friable	< 10%	few roots
Bw1	13 - 24	clear	sandy loam	yellow brown	--	med. subang blkly	friable	< 10%	common roots, cobbles & stones
Bw2	24 - 39	clear	loamy sand	dk yellow brn	greyish brown	granular	loose	< 10%	no roots - Redox features at 30-inches
Cd	39 - 78	--	loamy sand	lt. olive brown	greyish brown	weak platy	friable	30%	no roots, cobbles, stones and fine gravel

NOTES: Total Depth: 78-inches
Bedrock not encountered
Groundwater not observed

SOIL INVESTIGATION/FIELD NOTES

Jackson Environmental, LLC
289 High Road, Kensington, CT

TEST PIT # 5

JOB NO.: JE 19-07 CLIENT: Flynn & Cyr Land Surveying, LLC

SITE LOCATION: Proposed Subdivision, 3.75-acre lot, 80 Flanders Road, East Hampton, Conn.
Ground Surface Elevation: 533.5

DATE: April 17, 2019 TIME: 11:30 to 15:00

LAND USE: Agricultural - Pasture LANDFORM: Glacial Till Uplands

SOIL MAP UNIT: Woodbridge Stony Fine Sandy Loam

SOIL CLASSIFICATION:

PARENT MATERIAL: Coarse - Loamy Lodgment Till

WEATHER: Clear, Sunny, Warm 60 deg. F
SLOPE: 6 to 8 %

DEPTH TO GRNDWTR: Not Observed

DEPTH TO BEDROCK: Not Observed

DEPTH TO COMPACT SOIL: 29-inches

SOIL PROFILE DESCRIPTION									
SOIL HORIZON	DEPTH (IN.)	BOUNDARY	SOIL TEXTURE	MATRIX COLOR, DRY	SOIL REDOX COLORS, DRY	STRUCTURE	CONSISTENCY	% Gravel	NOTES
Ap	0 - 9	abrupt	fine sandy loam	dark brown	--	slight crumb	friable	< 10%	common roots
Bw1	19 - 19	clear	sandy loam	yellow brown	--	med. subang blkly	friable	15%	few roots, cobbles & stones
Bw2	19 - 34	clear	loamy sand	dk yellow brn	grey/ish brown	granular	friable	20%	no roots - Redox features at 29-inches
Cd	34 - 88	--	loamy sand	lt. olive brown	grey/ish brown	weak platy	friable	30%	no roots, cobbles, stones and fine gravel

NOTES: Total Depth: 88-inches
Bedrock not encountered
Groundwater not observed

Percolation Test #1, Test Pit #3, April 17, 2019				
Time (minutes)	Reading (inches)	Change in Time	Change in Water Level	Perc Rate (min./inch)
3	9.5			
7	11.875	4	2.375	1.68
11	13.375	4	1.5	2.67
15	14.5	4	1.125	3.56
19	15.25	4	0.75	5.33
23	16	4	0.75	5.33
27	16.75	4	0.75	5.33
31	17.375	4	0.625	6.40
35	17.875	4	0.5	8.00
39	18.5	4	0.625	6.40
Percolation Test #2, Test Pits 1 & 4, April 17, 2019				
Time (minutes)	Reading (inches)	Change in Time	Change in Water Level	Perc Rate (min./inch)
3	9.875			
7	12.375	4	2.5	1.60
11	14	4	1.625	2.46
15	15.5	4	1.5	2.67
19	17	4	1.5	2.67
23	18	4	1	4.00
27	18.625	4	0.625	6.40