

TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY
41 WEST STREET, CROMWELL, CT 06416

REGULAR MEETING
7:00 WEDNESDAY, SEPTEMBER 4, 2019
ROOM 224
CROMWELL TOWN HALL, 41 WEST STREET

AGENDA

RECEIVED FOR RECORD
Aug 28, 2019 01:20P
JOAN AHLQUIST
TOWN CLERK
CROMWELL, CT


1. **Call to Order**
2. **Roll Call**
3. **Seating of Alternates:**
4. **Approval of Agenda:**
5. **Approval of Minutes:**
 - a. July 24, 2019
6. **Development Compliance Officer Report:**
 - a. Status of On-going Project and Existing Cease and Desist Orders
7. **Town Planner Report:**
8. **Public Comments:**
9. **New Business:**
 - a. Release of Expired \$14,000 Letter of Credit for McDonald's at 125 Berlin Road.
 - b. Release of \$800.00 and \$1,200.00 Erosion Control Bond for 14 Eager Lane to Coastland Enterprises LLC
 - c. Application #19-08: Request to conduct regulated activities (Replacement of the existing bridge on North Road Extension) within the Inland Wetlands and Upland Review Area at 57 Coles Road, 59 Coles Road, 10 North Road Extension. The Town of Cromwell is the Applicant and Edward Lewandowski, Leonardo Fizinus, Sejfo Duric and the Town of Cromwell are the Owners.
10. **Commissioners' Comments and Reports:**
11. **Adjourn**

**TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY
SPECIAL MEETING**

7:00 WEDNESDAY, JULY 24, 2019

ROOM 224

CROMWELL TOWN HALL, 41 WEST STREET

RECEIVED FOR RECORD
Aug 07, 2019 02:12P
JOAN AHLQUIST
TOWN CLERK
CROMWELL, CT 

Present: Chairman Joesph Corlis, William Yes, John Whitney, G. Alden Nettleton, Amanda Drew

Absent: Wynn Muller

Also Present: Director of Planning and Development Stuart Popper, Development Compliance Officer Bruce Driska, Town Engineer Jon Harriman, Commission Clerk Sherry-Rose McGuire

1. Call to Order

The special meeting was called to order by Chairman Corlis at 7:03 PM.

2. Roll Call

The presence of the above members was noted.

3. Seating of Alternates:

None.

4. Approval of Agenda:

John Whitney made the motion to approve the agenda; Seconded by Amanda Drew. *All in favor; motion passed.*

5. Approval of Minutes:

a. April 3, 2019- John Whitney made the motion to approve the minutes that was presented; Seconded by William Yeske. *All in favor; motion passed.*

Amanda Drew abstained.

6. Development Compliance Officer Report:

Mr. Driska stated that the packet was included. He asked if anyone had any questions. No questions were made at this time.

7. Town Planner Report:

Mr. Popper stated that there were two staff approval by staff. The first to get approved was Application #19-02, located at 7 Old Colony Lane and the description of request was to place shed within upland review. The second was Application # 19-07, located at

5 Fawn Run and the description of request was to construct above ground pool within the upland review area. They were both were in residential zones.

Mr. Popper said that the Marriott Hotel is in the process of being built. Marshall's will be opening up in Mid-August.

8. **Public Comments:** No public comments were made.

9. **New Business:**

a. Application #19-05: Request to conduct regulated activities (construction of the new Public Works/Sewer Department facility) within the Upland Review Area at 100 County Line Drive. The Town of Cromwell is the Applicant and the Owner.

Jon Harriman, Town Engineer addressed the commission. He presented with a Power-Point on the overhead projector. The reason for the Town's application to conduct regulated activity is to maximize the function and use of the site combined facilities the Town needs the dry land to the top of slope separating the wetlands. After years of trying to find a viable site, this is the early usable location. The amount of area of upland review that is impacted by this project is 0.23 acres. Due to the facility space that is needed and parcel configuration, there are no feasible alternatives.

There will be a public hearing on this project August 6th, 2019 for a special permit with planning and zoning to build a government facility in an industrial zone.

Amanda Drew made a motion to approve conduct regulated activities (construction of the new Public Works/Sewer Department facility) within the Upland Review Area at 100 County Line Drive. The Town of Cromwell is the Applicant and the Owner; Seconded by John Whitney. *All in favor; motion passed.*

b. Application #19-06: Request to conduct regulated activities (construction of fishing pier and park improvements) within the Upland Review Area and Inland Wetlands at Cromwell Landing Park at 80 River Road. The Town of Cromwell is the Applicant and the Owner.

Mr. Popper addressed the commission. He presented with a PowerPoint on the overhead projector. The reason for the Town's application to conduct regulated activity is because all works associated will occur within 200' of the Connecticut River. There will be small .05 acres impact to wetlands. The amount of area of Upland Review Area impacted by this project is 14,000 square feet (.32 acres).

This project will make improvements of Cromwell Landing Park. It will become handicapped accessible, by constructing parking spots, and creating a new handicapped accessible fishing platform adjacent to the Connecticut River. There will be improvements of the walking paths, painted crosswalk, and wood guide-rail along River Road.

Existing wood pier remnants will be removed, and the existing dolphins will remain on site to provide ice flow and debris projection to proposed fishing platform. The anticipated work is to begin in October 2019 and the construction duration will be approximately 6-8 weeks.

Mr. Popper asked if anyone had any questions at this time. John Whitney asked what is causing the impact? Mr. Popper had stated that the rebuilding the remaining stone wall would be considered the impact. Mr. Popper read section 2.f.f. on what is concerned a significant impact in the Inland Wetland Regulations handbook.

John Whitney made a motion that Application #19-06: Request to conduct regulated activities (construction of fishing pier and park improvements) within the Upland Review Area and Inland Wetlands at Cromwell Landing Park at 80 River Road is not a significant impact; Second by William Yeske. *All in favor; motion passed.*

No motion to discussion. *All in favor, motion passed.*

John Whitney made a motion to approve Application #19-06: Request to conduct regulated activities (construction of fishing pier and park improvements) within the Upland Review Area and Inland Wetlands at Cromwell Landing Park at 80 River Road. The Town of Cromwell is the Applicant and the Owner; Seconded by G. Alden Nettleton.

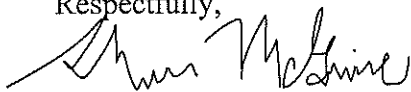
10. Commissioner Comments:

Amanda Drew will be resigning her position as of September 1st, 2019 on the commission. Mr. Popper thanked her for the time that she has spent on the commission.

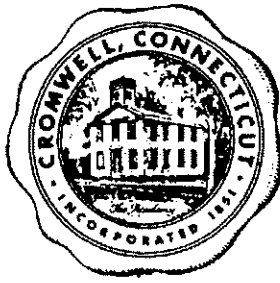
G. Alden Nettleton also stated as of December 31st he will be resigning as well, and would like to be concerned as a alternate. Mr. Popper thanked him for the time he has spent on the commission.

11. Adjourn: John Whitney made a motion to adjourn the meeting; Seconded by G. Allen Nettleton. All in favor; motion passed. Meeting adjourned at 7:49 p.m.

Respectfully,



Sherry-Rose McGuire
Commission Clerk

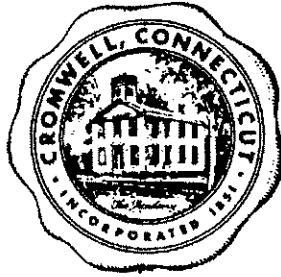


MEMORANDUM

To: Stuart Popper, Director of Planning & Development
From: Bruce Driska, CZEO, Zoning & Wetlands Enforcement Officer
Date: August 19, 2019
Re: **Expired Letter of Credit, McDonald's 125 Berlin Road**

In 1993 the Cromwell Inland Wetlands and Watercourse Agency approved an application for McDonald's at 125 Berlin Road. Associated with that approval was a \$14,000 Letter of Credit which has since expired. The Finance Department has stated that no funds are being held and requested the expired Letter of Credit be removed from the active list.

I recommend the IWWA approve the removal of an expired \$14,000 Letter of Credit for McDonald's located at 125 Berlin Road.



MEMORANDUM

To: Stuart Popper, Director of Planning & Development
From: Bruce Driska, CZEO, Zoning & Wetlands Enforcement Officer
Date: August 20, 2019
Re: Erosion Performance Bonds- Lot 14, 2 Eager Lane

The Town has been holding two (2) cash performance bonds from Coastland Enterprises, LLC. Both bonds are for Erosion & Sedimentation Control at a vacant buildable lot at Lot 14 Eager Lane. A \$800 cash bond was received in 2010 and a \$1,400 bond received in 2011.

At this time there is no construction planned or in process at Lot 14 Eager Lane and the vacant lot is stable with vegetation. Should a development application be received in the future staff would require the posting of a performance bond for E&S purposes prior to issuing an approval.

I recommend the IWWA approve the release of a \$800 and \$1,200 erosion & sedimentation control bond to Coastland Enterprises, LLC.

Replacement of North Road Extension Bridge

The existing bridge built in 1980 is a twin corrugated metal arch culvert with cast-in-place concrete headwalls and wing walls. The corrugated steel arch pipes are approximately 11ft wide and 7ft high, with eight feet of ballast above and a bituminous concrete roadway surface. A 3ft-diameter gas transmission line is located in the fill above the existing culvert. The existing bridge is hydraulically adequate, but in poor structural condition.

The proposed replacement is a 28ft-wide, 3-sided precast concrete rigid frame structure on concrete footings founded on the bedrock.

The structure will be constructed in stages.

During Stage 1, soil erosion and sediment system will be installed, a portion of the cofferdam will be constructed, excavation will be completed to expose the existing structure and the utilities above the structure will be supported and protected.

During Stage 2, the cofferdam will be completed and the flows will be temporarily transferred to one of the existing pipe arches. The other pipe arch will be removed and one footing for the proposed structure and a portion of the proposed channel will be completed.

During Stage 3, the cofferdam will be repositioned and flow will be shifted to the portion of channel constructed during Stage 2, the remaining pipe arch will be removed and the second footing for the proposed structure and the remaining portion of the channel will be constructed.

During Stage 4, the proposed three-sided structure will be installed by placing and sliding sections underneath the existing utilities, the cofferdams will be removed and the structure will be backfilled. The roadway construction will be completed and disturbed areas will be restored. Upon stabilization of disturbed areas, the soil erosion and sedimentation control system will be removed.

Application # 19-08

**TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY**

APPLICATION TO CONDUCT REGULATED ACTIVITY

Street Address: 57 Coles Road	Map/Block/Lot: 08-7-2
	Volume/Page: 706-341
Applicant: Town of Cromwell	Owner: Edward Lewandowski
Address: 41 West Street Cromwell, CT 06416	Address: 57 Coles Road Cromwell, CT 06416
Phone:	<i>I hereby consent to the Applicant acting as my agent for the purpose of this application. I hereby permit the members and agents of the Agency to inspect the subject land both before and after a final decision has been issued.</i>
Parcel ID #: 00533600	
	Signature:

Reason for the Proposed Wetland or Upland Review Area Disturbance (not a description of the project, but an explanation of why this disturbance is necessary to complete the project):
The permanent wetland disturbance is necessary to install a temporary cofferdam and to install the new structure and wingwalls and to regrade the approach channels and install modified riprap and/or natural streambed material to protect the channel from eroding.

Area of Wetland Impacted by this Project (in square feet or acres):	1320 square feet
Area of Upland Review Area Impacted by this Project (in square feet or acres):	551 square feet

Application # 19-08

**TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY**

APPLICATION TO CONDUCT REGULATED ACTIVITY

Street Address:	59 Coles Road	Map/Block/Lot:	08-7B
		Volume/Page:	1132-143
Applicant:	Town of Cromwell	Owner:	Leonardo Fizinus
Address:	41 West Street Cromwell, CT 06416	Address:	59 Coles Road Cromwell, CT 06416
Phone:		<i>I hereby consent to the Applicant acting as my agent for the purpose of this application. I hereby permit the members and agents of the Agency to inspect the subject land both before and after a final decision has been issued.</i>	
Parcel ID #:	00165400		

Reason for the Proposed Wetland or Upland Review Area Disturbance (not a description of the project, but an explanation of why this disturbance is necessary to complete the project):
The permanent wetland disturbance is necessary to install a temporary cofferdam and to install the new structure and
wingwalls and to regrade the approach channels and install modified riprap and/or natural streambed material to protect the channel from eroding.

Area of Wetland impacted by this Project (in square feet or acres):	1095 square feet
Area of Upland Review Area Impacted by this Project (in square feet or acres):	1165 square feet

Application # 19-08

**TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY**

APPLICATION TO CONDUCT REGULATED ACTIVITY

Street Address: 10 North Road Extension	Map/Block/Lot: 08-7-1
	Volume/Page: 1546-220
Applicant: Town of Cromwell	Owner: Sejfo Duric
Address: 41 West Street Cromwell, CT 06416	Address: 10 North Road Extension Cromwell, CT 06416
Phone:	<i>I hereby consent to the Applicant acting as my agent for the purpose of this application. I hereby permit the members and agents of the Agency to inspect the subject land both before and after a final decision has been issued.</i>
Parcel ID #: 00284100	
	Signature:

Reason for the Proposed Wetland or Upland Review Area Disturbance (not a description of the project, but an explanation of why this disturbance is necessary to complete the project):
The permanent wetland disturbance is necessary to install a temporary cofferdam and to install the new structure and wingwalls and to regrade the approach channels and install modified riprap and/or natural streambed material to protect the channel from eroding.

Area of Wetland Impacted by this Project (in square feet or acres):	106 square feet
Area of Upland Review Area Impacted by this Project (in square feet or acres):	545 square feet

Application # 19-08

**TOWN OF CROMWELL
INLAND WETLANDS AND WATERCOURSES AGENCY**

APPLICATION TO CONDUCT REGULATED ACTIVITY

Street Address: North Road Extension at Coles Brook	Map/Block/Lot: map 8
	Volume/Page: n/a
Applicant: Town of Cromwell	Owner: Town of Cromwell
Address: 41 West Street Cromwell, CT 06416	Address: 41 West Street Cromwell, CT 06416
Phone: (860) 632-3465	<i>I hereby consent to the Applicant acting as my agent for the purpose of this application. I hereby permit the members and agents of the Agency to inspect the subject land both before and after a final decision has been issued.</i>
Parcel ID #:	
	Signature:

Reason for the Proposed Wetland or Upland Review Area Disturbance (not a description of the project, but an explanation of why this disturbance is necessary to complete the project):
The permanent wetland disturbance is necessary to install a temporary cofferdam and to install the new structure
and wingwalls and to regrade the approach channels and install modified riprap and/or natural streambed material to protect the channel from eroding.

Area of Wetland Impacted by this Project (in square feet or acres):	1134 square feet
Area of Upland Review Area Impacted by this Project (in square feet or acres):	17027 square feet

Application # 19-08

Description of Alternative Methods Considered, and Justification for Method Chosen:
A single span bridge across the brook would have required the 36" gas transmission pipeline to be relocated
which would significantly increase the area of disturbance and environmental impacts. Lining/rehabilitation of the existing structure would reduce the hydraulic capacity. A buried structure with a single hydraulic opening
was determined to be the most feasible option for replacement of the existing structurally deficient structure.

Certification of Notice to Neighboring Municipalities	
Is any portion of the wetland or watercourse impacted by this application within 500' of Rocky Hill, Berlin, or Middletown?	Yes / <input checked="" type="radio"/> No Not Applicable
Has a copy of this application been sent to the Rocky Hill, Berlin, or Middletown municipal Inland Wetlands and Watercourses Agency?	Yes / No <input checked="" type="radio"/> Not Applicable
Has a copy of the plans been sent to the Rocky Hill, Berlin, or Middletown municipal Inland Wetlands and Watercourses Agency?	Yes / No <input checked="" type="radio"/> Not Applicable

I, the undersigned, hereby certify that the information presented as part of this application is to the best of my knowledge, true and accurate and that should such information be proved to be inaccurate or misleading, any permit issued on the basis of this information may be revoked.

Applicant's Signature

Date of Submission

Printed Name

The Cromwell Inland Wetlands and Watercourses Agency has detailed environmental information on many of the wetland areas in town. The applicant is strongly encouraged to request a copy of this information.

SOIL & ENVIRONMENTAL SERVICES, INC.

61 Plants Dam Road, East Lyme, CT 06333 860-739-6691 Fax 739-4150 soilinc@gmail.com

WETLANDS REPORT FOR NORTH ROAD EXTENSION OVER COLES BROOK BRIDGE NO. 05939 CROMWELL, CT

**FOR: CARDINAL ENGINEERING ASSOCIATES, INC.
MERIDEN, CT**

Prepared by:

**Martina Castanho
Certified Professional Soil Scientist #2302 (SSSA);
Professional Soil Scientist Member (SSSSNE)**

**Donald J. Fortunato
Certified Professional Soil Scientist #2278 (SSSA);
Professional Soil Scientist Member (SSSSNE)**

December 1, 2017.

SOIL & ENVIRONMENTAL SERVICES, INC.

61 Plants Dam Road, East Lyme, CT 06333 860-739-6691 Fax 739-4150 soilinc@gmail.com

1 – North Rd. Ext., Cromwell, CT

1.0 INTRODUCTION

As authorized by Cardinal Engineering Associates, Inc. (CEA) in November 2017, we conducted on-site soils and wetlands investigations at the North Road Extension Bridge Replacement project in Cromwell, CT.

As directed by Cardinal, we performed Federal and CT wetland flagging upstream and downstream of Coles Brook.

The freshwater wetlands and watercourses were delineated and identified by Connecticut soils criteria. US Army Corps of Engineers (USACOE) wetlands methodology was also used.

Our literature review prior to the field investigation included: USDA Soil Conservation Service (SCS, NRCS) Web Soil Survey, "Soil Taxonomy" (USDA Handbook 436, 1975, rev. 1999), US Army Corps of Engineers (USACOE) "Wetland Delineation Manual" (1987), and available maps from the Cardinal Engineering Associates, Inc. office. A number of soil borings were dug to a depth of 2-4 feet to conduct this study.

The field work was conducted on November 21, 2017. A field map showing *approximate* wetland flags was sent to CEA for surveying.

Under Connecticut criteria, "**Wetlands**" means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, inclusive, which consists of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey, as may be amended periodically by the Natural Resources Conservation Service of the USDA. These soils are generally saturated to within about 12 inches of the surface during a portion of the growing season and have redoximorphic features.

SOIL & ENVIRONMENTAL SERVICES, INC.

2- North Rd. Ext., Cromwell, CT

Also under Connecticut criteria, "**Watercourses**" means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon this state or any portion thereof, not regulated pursuant to sections 22a-28 to 22a-35, inclusive. *Intermittent watercourses* shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) Evidence of scour or deposits of recent alluvium or detritus, (B) the presence of standing or flowing water for a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation.

"Waters of the United States" under the USACOE includes wetlands, rivers, streams, ponds, wetlands, other open water areas, mud flats, etc. Wetlands as defined by the USACOE must meet the three parameter "criteria" of hydric soils, hydrology, and vegetation.

2.0 SUMMARY OF WETLANDS/WATERCOURSE INVESTIGATION

The wetlands within the project area were flagged with pink "wetlands" flagging tape and white wire flags. A summary of wetland and watercourse areas are as follows.

TABLE #1- FLAG NUMBERS & WETLAND DESIGNATIONS

<u>FLAG #</u>	<u>WETLAND DESIGNATION</u>
#1 – 8	CT Inland Wetlands & USACOE Wetlands
#8 - 17	CT Inland Wetlands & Watercourse USACOE Wetlands & Waters of the US (Coles Brook and floodplain)
#100 – 103	CT Inland Wetlands & USACOE Wetlands
#103 – 109	CT Watercourse USACOE Waters of the US (Coles Brook mostly within rock channel)

SOIL & ENVIRONMENTAL SERVICES, INC.

3 – North Rd. Ext., Cromwell, CT

The USACOE Waters of the U.S. and wetlands follow the CT inland wetland and watercourses boundary.

Coles Brook is a perennial body of water in Connecticut. It would be classified as a “watercourse” under Connecticut regulations and similarly as “Waters of the United States” under USACOE regulations. The federal “ordinary high water mark” generally followed the federal wetland boundary.

3.0 SOILS INFORMATION

The on-site soils in the uplands were Ellington, Sudbury and Ludlow. The soils in the delineated *wetland areas* were identified as Rippowam and Fluvaquents. A brief summary of soils is as follows.

Upland Soils

- Ellington - consists of very deep, moderately well drained soils formed in loamy over sandy and gravelly glacial outwash. They are nearly level to strongly sloping soils on glaciofluvial landforms, typically in slight depressions and broad drainageways.
- Ludlow - moderately well to somewhat poorly drained, coarse-loamy, Aquic Dystrudept. The soil profile is predominantly silt loam over a substratum (C horizon) of gravelly loam. Pinkish gray, reddish brown, and light gray mottles (iron depletions/accumulations) are present in the B and C horizons. Densipan horizon (Cd) present.
- Sudbury - moderately well to somewhat poorly drained, sandy, Aquic Dystrudepts. The seasonal high water table was at 15-30 inches. The surface horizon is a fine sandy loam to sandy loam. The subsoil (B horizon) has gray mottles (iron depletions). The IIC horizon substratum is a pale brown to light brownish gray gravelly sand, loamy sand, or sand.

Wetlands Soils

- Rippowam & Fluvaquents - very poorly drained, flood plain soils. These soils are formed in alluvial sediments along stream channels. They display variable soil texture and weak soil profile due to frequent stream overflow and sediment deposits. The floodplain soils were dark brown loamy sand and silt loam.

SOIL & ENVIRONMENTAL SERVICES, INC.

4 – North Rd. Ext., Cromwell, CT

Waterborne debris, sediment deposits and scoured areas were observed in these soils along the channel and adjacent floodplains of the Coles Brook watercourse.

General Vegetation

Dominant vegetation in the upland area was red maple, oaks, white pine, Christmas fern and lawn grasses.

Dominant vegetation in the wetland area was red maple, willow, spicebush, rushes (*Juncus* spp.), dormant ferns, and sedges (*Carex* spp.).

We trust this information is useful and please contact us if there are any questions.

Sincerely,

Martina Castanho

Certified Professional Soil Scientist #2302 (SSSA)
Professional Soil Scientist Member (SSSSNE)

Donald J. Fortunato

Certified Professional Soil Scientist #2278 (SSSA)
Professional Soil Scientist Member (SSSSNE)

**2012 Connecticut General Statutes/Title 22a - Environmental Protection
Chapter 440 - Wetlands and Watercourses; Section 22a-38 - Definitions.**

As used in sections 22a-36 to 22a-45a, inclusive:

- (1) "Commissioner" means the Commissioner of Energy and Environmental Protection;
- (2) "Person" means any person, firm, partnership, association, corporation, limited liability company, company, organization or legal entity of any kind, including municipal corporations, governmental agencies or subdivisions thereof;
- (3) "Municipality" means any town, consolidated town and city, consolidated town and borough, city and borough;
- (4) "Inland wetlands agency" means a municipal board or commission established pursuant to and acting under section 22a-42;
- (5) "Soil scientist" means an individual duly qualified in accordance with standards set by the federal Office of Personnel Management;
- (6 through 12) "Material"... Waste; Pollution; Rendering unclean; Discharge; Remove; Deposit.
- (13) "Regulated activity" means any operation within or use of a wetland or watercourse involving removal or deposition of material, or any obstruction, construction, alteration or pollution, of such wetlands or watercourses; shall not include the activities in section 22a-40;

- (15) "**Wetlands**" means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, inclusive, which consists of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey, as may be amended from time to time, of the Natural Resources Conservation Service of the USDA;

- (16) "**Watercourses**" means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon this state or any portion thereof, not regulated pursuant to sections 22a-28 to 22a-35, inclusive. **Intermittent watercourses** shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) Evidence of scour or deposits of recent alluvium or detritus, (B) the presence of standing or flowing water for a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation...

SOIL & ENVIRONMENTAL SERVICES, INC.

Martina A. Castanho – Soil Scientist, CT LEP

Certified Professional Soil Scientist #2302 (SSSA)
Professional Soil Scientist Member (SSSSNE)
CT Licensed Environmental Professional (LEP #236)

BS Natural Resources, University of Rhode Island, 1978.
Thirty-nine years' experience

Experience:

Five years Soil Conservationist and Soil Scientist, USDA-NRCS (SCS).
Three years Environmental Scientist, US EPA,
SES, Inc. – President, Soil Scientist, CTLEP. Twenty-five years - soil investigations, wetland delineations, Phase I, II Environmental Assessments, soil and water sampling, contaminated site remediation, and permeability testing.

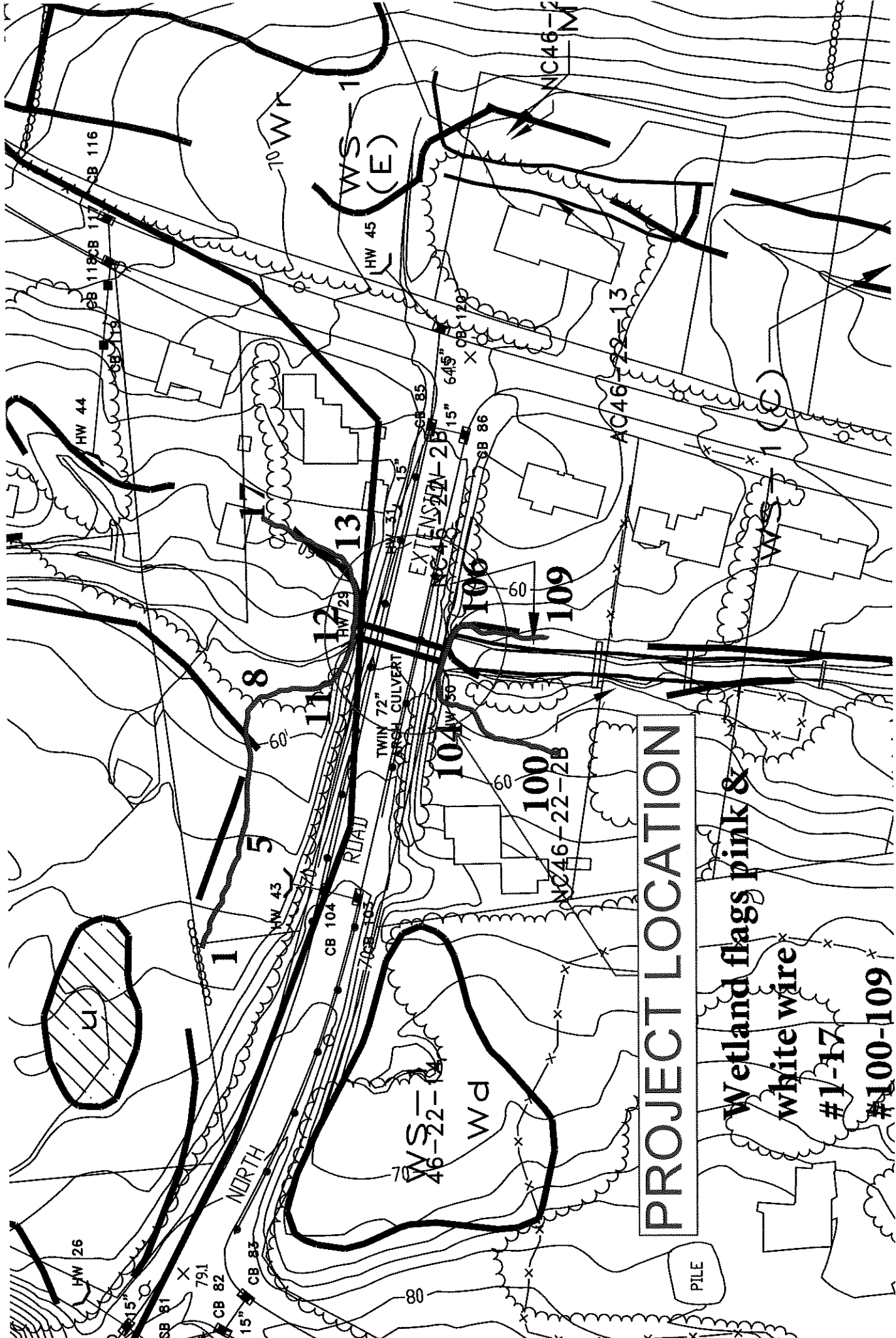
Donald J. Fortunato – Soil Scientist, CT LEP

Certified Professional Soil Scientist #2278 (SSSA)
Professional Soil Scientist Member (SSSSNE)
CT Licensed Environmental Professional (LEP #235)

BS Environmental Science, Stockton University, 1975. Graduate study in soil science, Rutgers University 1977-78.
Forty-two years' experience

Experience:

Nine years District Conservationist, Soil Conservationist, USDA-NRCS (SCS).
SES, Inc. - Twenty-seven years SES Soil Scientist, soil investigations, wetland delineations, soil and water sampling, Phase I, II, III Environmental Assessments, contaminated site remediation, and soil permeability testing.



PROJECT LOCATION

Wetland flags pink &
 white wire
 #1-17
 #100-109

PILE

Menu

SoilWeb

UC DAVIS | NRCS | University of California
Natural Resource Conservation Service

Link to WSS



Map data © 2017 Google Imagery © 2017 DigitalGlobe U.S. Geological Survey, USDA Farm Service Agency | 30m | Terms of Use | Report a map error

Lat: 41.6113
Lon: -72.6913

Property Owners within Project

Sejfo Duric
10 North Road Extension
Cromwell, CT 06416

Edward Lewandowski
57 Coles Road
Cromwell, CT 06416

Leonardo Fizinus
59 Coles Road
Cromwell, CT 06416

Town of Cromwell (for the ROW)

Abutters to Properties within Project

Town of Cromwell (for property listed as 199 Evergreen)

Leonardo Fizinus
55 Coles Road
Cromwell, CT 06416

Melissa T Whelahan
61 Coles Road
Cromwell, CT 06416

North Woods LLC (for property at 10 North Road)
46 Hillside Road
Cromwell, CT 06416