MEETING NOTICE AND AGENDA
MANSFIELD INLAND WETLANDS AGENCY
MANSFIELD TOWN HALL • 4 SOUTH EAGLEVILLE ROAD • COUNCIL CHAMBERS

MONDAY, JANUARY 7, 2019 • 6:30 PM
REGULAR MEETING

1. CALL TO ORDER AND ROLL CALL

2. APPROVAL OF MINUTES
   A. DECEMBER 3, 2018

3. COMMUNICATIONS
   A. MONTHLY BUSINESS REPORT

4. OLD BUSINESS

5. NEW BUSINESS
   A. J-12 APPLICATION OF TOWN OF MANSFIELD, DEPARTMENT OF FIRE AND EMERGENCY SERVICES
      FOR INSTALLATION OF FIVE DRY HYDRANTS ON PROPERTY LOCATED AT:
      • 164 CODFISH FALLS ROAD (ASSESSOR’S PARCEL ID 10.45.3)
      • WORMWOOD HILL ROAD (ASSESSOR’S PARCEL ID 11.51.4)
      • 928 MANSFIELD CITY ROAD (ASSESSOR’S PARCEL ID 21.55.2)
      • 77 WILDWOOD ROAD (ASSESSOR’S PARCEL ID 17.47.12)
      • 40-100 STEARNS ROAD (ASSESSOR’S PARCEL ID 32.89.1)

   (Memo from Inland Wetlands Agent)

6. REPORTS FROM OFFICERS AND COMMITTEES

7. OTHER COMMUNICATIONS AND BILLS
   A. NOTICE OF TENTATIVE DETERMINATION TO APPROVE AN APPLICATION FOR 401 WATER QUALITY
      CERTIFICATION, ALGONQUIN GAS TRANSMISSION, LLC. (APPLICATION NO.: WQC- 201815137)
      Application Materials are available for download here or at this link:

8. ADJOURNMENT
MINUTES
MEMBERS PRESENT: S. Accorsi, P. Aho, B. Chandy, J. Goodwin, R. Hall (6:40) p.m., D. Plante, K. Rawn, B. Ryan, V. Ward

ALTERNATES PRESENT: L. Cooley

ALTERNATES ABSENT: C. Cotton, K. Fratoni

STAFF PRESENT: J. Kaufman, Inland Wetlands Agent
L. Painter, Director of Planning and Development
J. Mullen, Assistant Planner/ZEO
J. Woodmansee, Planning and Development Assistant

Chairman Goodwin called the meeting to order at 6:30 p.m. L. Cooley was seated for R. Hall.

MINUTES:

NOVEMBER 19, 2018, REGULAR MEETING

K. Rawn MOVED, B. Chandy seconded, to approve the November 19, 2018, minutes as presented. P. Aho and S. Accorsi indicated that they reviewed the recording. MOTION PASSED (8-0-1 – D. Plante was disqualified.)

COMMUNICATIONS:
The monthly business report from the Wetlands Agent is noted. J. Kaufman explained why a Notice of Violation was issued to 25 Westgate Lane for a septic system replacement without a permit.

NEW BUSINESS:

J-11 - APPLICATION OF JOSEPH R. THEROUX FOR TIMBER HARVEST WITH 7 TEMPORARY STREAM CROSSINGS ON PROPERTY OWNED BY RYAN AND PATRICIA HAWTHORNE AT 861 WARRENVILLE ROAD

J. Kaufman noted that this application is for a timber harvest of approximately 60 acres on 2 parcels located at 861 Warrenville Road. To access the harvest site, installation of 7 temporary stream crossings is unavoidable.

The applicant, J. Theroux is present and stated that access to the property would be along the driveway at 861 Warrenville Road. He noted that this will be a salvage harvest of dead and dying trees and that, although not required, he would be amendable to site visits by J. Kaufman.

In J. Kaufman’s opinion this activity is as-of-right pursuant to Section 4.1 of the Regulations.

V. Ward MOVED, P. Aho seconded, to approve a finding that the 60-acre timber harvest (IWA File #J-11) proposed for 861 Warrenville Road (Assessor’s Parcel ID 12.7.12-1) and the vacant abutting parcel (Assessor’s Parcel ID 12.7.12-2) owned by Ryan and Patricia Hawthorne as shown on maps dated 11/8/2018 and 11/10/2018 and as described in the associated attachments is permitted as of right.
pursuant to Section 4.1 of the Mansfield Inland Wetlands and Watercourses Regulations. MOTION PASSED UNANIMOUSLY.

R. Hall arrived at 6:40 p.m. L. Cooley was no longer seated for the remainder of the meeting.

2019 MEETING CALENDAR
It was suggested that the November 6, 2019, meeting be canceled and that the IWA meeting be moved to November 18, 2019.

K. Rawn MOVED, R. Hall seconded, to approve the 2019 Planning and Zoning Commission meeting schedule as presented in the 11/28/2108 memo from the Director of Planning and Development and as amended for November 18. MOTION PASSED UNANIMOUSLY.

ADJOURNMENT:
Chairman Goodwin declared the meeting adjourned at 6:41 p.m.

Respectfully submitted,

V. Ward, Secretary
Mansfield Planning and Zoning Commission
COMMUNICATIONS
Date: January 3, 2019

To: Inland Wetlands Agency

From: Jennifer S. Kaufman, AICP, Environmental Planner/Inland Wetlands Agent

CC: Conservation Commission

Subject: Monthly Business Report

AGENT APPROVALS

None

VIOLATIONS

Land-locked Parcel South of Cider Mill Road (Assessor’s Parcel ID 36.82.4)- Specific violations: Culvert containing Cider Mill Brook is in disrepair and access road is eroding causing sedimentation to Cider Mill Brook. There are tires and bulky waste in Cider Mill Brook. The applicant was required to respond by December 27, 2018. No response was received. I am in the process of following up and proceeding with other enforcement action. Notice of Violation is attached.
NOTICE OF WETLANDS VIOLATION
Town of Mansfield, Connecticut
Issued pursuant to Section 14.0 of the Mansfield Inland Wetlands and Watercourses Regulations

DATE: December 12, 2018
ISSUED TO: W&W Inc., C/O Waldemar BednarczyK
PROPERTY OWNER OF RECORD: W&W Inc., C/O Waldemar BednarczyK
LOCATION OF VIOLATION: Cider Mill Road (Assessor’s Parcel ID 36.82.4)

Specific violations: Culvert containing Cider Mill Brook is in disrepair and access road is eroding causing sedimentation to Cider Mill Brook. There are tires and bulky waste in Cider Mill Brook.

Regulation violated: Section 4.3 of the Mansfield Inland Wetlands and Watercourses Regulations regarding filling, excavating, dredging, clear-cutting, clearing, grading and other alterations within wetlands, watercourses or the 150 foot upland review area.

Required actions:
You are required to provide a plan to stabilize the culvert and the streambank so that further erosion is prevented.

1. Provide all of the following information by December 27, 2018:
   a. A written response indicating that you have received this notice.
   b. Documentation that the debris has been removed from the brook.
   c. An assessment by a Professional Wetland Scientist detailing the extent of the disturbance and a plan for removal of the material and restoration of the stream bank, including a plan to minimize erosion and sedimentation during the remediation.
   d. An implementation schedule for the corrective actions.

2. Implement the corrective action plan within 7 days of receiving approval from the Inland Wetlands Agent.

3. Submit documentation from a Professional Wetland Scientist documenting that the brook has been restored and the disturbance remediated by January 4, 2019.

A copy of this Notice of Violation is being provided to the Inland Wetlands Agency. The Agency may request that you appear before them at a future meeting.

Failure to carry out the required action(s) identified in this Notice of Violation may result in issuance of the order provided in Section 14.3.A of the Regulations or other enforcement proceedings and penalties as provided by law.

Authority: Connecticut General Statutes, Section 22a-44
Mansfield Inland Wetlands and Watercourses Regulations, Section 14.3.B
Ordinance for Citations and Fines for Violations of Inland Wetlands and Watercourses Regulations adopted on December 11, 2017

Jennifer Kaufman, AICP
Environmental Planner/Inland Wetlands Agent (860-429-3015 x6204)

cc: Linda Painter, Director of Planning & Development
NEW
BUSINESS
TOWN OF MANSFIELD
DEPARTMENT OF PLANNING AND DEVELOPMENT

Date: January 2, 2019
To: Mansfield Inland Wetlands Agency
From: Jennifer Kaufman, Inland Wetlands Agent
Subject: Request for Jurisdictional Ruling (J-12) for installation of Dry Hydrants at the following locations:
  • 164 Codfish Falls Road (Assessor’s Parcel ID 10.45.3)
  • Wormwood Hill Road (Assessor’s Parcel ID 11.51.4)
  • 928 Mansfield City Road (Assessor’s Parcel ID 21.55.2)
  • 77 Wildwood Road (Assessor’s Parcel ID 17.47.12)
  • 40-100 Stearns Road (Assessor’s Parcel ID 32.89.1)
Applicant: Town of Mansfield Department of Fire and Emergency Services
Map Date: 1/2/2019

PROJECT OVERVIEW

The Town of Mansfield Department of Fire and Emergency Services proposes to install five non-pressurized pipe systems (dry hydrants) on the locations referenced above and indicated in the attached site plans.

Installation includes excavating a trench into the watercourse below the low water mark. Excavated material will be temporarily stored to the sides of the trench. A six-inch pipe and screen will be installed in the trench. The trench will then be backfilled with existing material or suitable clean fill. During excavation, all disturbed areas will have erosion and sediment control measures in place. The site will be returned to its existing condition during the same work day.

Pursuant to Section 4.0 of the Regulations the following operations and uses shall be permitted, as non-regulated uses in wetlands and watercourses, provided they do not disturb the natural and indigenous character of the wetland or watercourse by removal or deposition of material, alteration or obstruction of water flow or pollution of the wetland or watercourse:

“The installation of a dry hydrant by or under the authority of a municipal fire department, provided such dry hydrant is only used for firefighting purposes and there is no alternative access to a public water supply. For purposes of this section, "dry hydrant" means a non-pressurized pipe system that: (A) is readily accessible to fire department apparatus from a proximate public road, (B) provides for the withdrawal of water by suction to such fire department apparatus, and (C) is permanently installed into an existing lake, pond or stream that is a dependable source of water.”
In my opinion, the activity as proposed will not disturb the natural and indigenous character of the wetland or watercourse by removal or deposition of material, alteration or obstruction of water flow or pollution of the wetland or watercourse and, thus, qualify as a non-regulated use pursuant to the regulations.

**RECEIPT MOTION**

If the IWA concurs with my conclusion that this is a permitted, non-regulated activity under the Regulations, the following motion for a jurisdictional ruling would be in order:

__________________ MOVES, ________________________ seconds to approve a Jurisdictional Ruling finding that the installation of five dry hydrants (IWA File # J-12) submitted by the Town of Mansfield Department of Fire and Emergency Services, on property located at the following locations:

- 164 Codfish Falls Road (Assessor’s Parcel ID 10.45.3)
- Wormwood Hill Road (Assessor’s Parcel ID 11.51.4)
- 928 Mansfield City Road (Assessor’s Parcel ID 21.55.2)
- 77 Wildwood Road (Assessor’s Parcel ID 17.47.12)
- 40-100 Stearns Road (Assessor’s Parcel ID 32.89.1)

as shown on a map dated 1/2/2019 and as described in the associated attachments are permitted as non-regulated activities pursuant to Section 4.0 of the Inland Watercourses and Wetlands Regulations of the Town of Mansfield.

**Receipt Motion**

Alternatively, if the IWA believes that the proposed regulated activity, the following motion to receive an Inland Wetlands application would be in order:

__________________ MOVES, ________________________ seconds to receive the application submitted by the Town of Mansfield Department of Fire and Emergency Services, on property located at the following locations:

- 164 Codfish Falls Road (Assessor’s Parcel ID 10.45.3)
- Wormwood Hill Road (Assessor’s Parcel ID 11.51.4)
- 928 Mansfield City Road (Assessor’s Parcel ID 21.55.2)
- 77 Wildwood Road (Assessor’s Parcel ID 17.47.12)
- 40-100 Stearns Road (Assessor’s Parcel ID 32.89.1)

(IWA File # 1609) for the installation of five dry hydrants under the Inland Wetlands and Watercourses Regulations of the Town of Mansfield, as shown on a map dated 1/2/2019 and as described in application submissions, and to refer said application to staff and the Conservation Commission for review and comments.
Parcel Information

**164 Codfish Falls Road**

**View Property Record Card**

- **ACCOUNT NUMBER:** 10 45 3
- **LAND AREA:** 9.31001
- **OWNER:** MAGLEY VICKI J &
- **MAILING ADDRESS LINE 1:** 164 CODFISH FALLS ROAD
- **MAILING ADDRESS LINE 3:**
- **MAILING ADDRESS STATE:** CT
- **MAILING ADDRESS COUNTRY:**
- **ROOF COVERING:** Asphalt Shingles
- **HEAT FUEL:** Oil
- **LANDUSE CODE:** 101
- **ZONING:**
- **BUILDING ASSESSMENT:** 122900
- **OTHER BUILDING ASSESSMENT:** 7400
- **TOTAL ASSESSMENT:** 207700
- **LAST SALE VALUE:** 315000
- **NUMBER OF STORIES:**
- **NUMBER OF BEDROOMS:** 3
- **NUMBER OF HALF BATHS:**
- **BUILDING AREA GROSS:** 4535

**Distance to Street**

Profile Sketch

45° CONFIGURATION

Not to Scale

- **Pipe Size:** 6""  
- **Pipe Grade:** Schedule 40  
- **Transition(s):** 45 Degrees  
- **Truck Connection:** 6" NST Reducer with Cap  

Design changes are subject to the following: Flow >/= 1500 GPM, Static Lift </= 12FT, Total Head Loss </= 20"
Wormwood Hill Road

Location #2

Parcel Information

Property Card

Account Number: 11 51 4
Land Area: 352
Owner: Nagy Barbara V
Mailing Address Line 1: 861
Wormwood Hill Rd
Mailing Address Line 3:
Mailing Address Country:
Roof Covering:
Heat Fuel:
Land Use Code: 805
Zoning: 21
Building Assessment: 0
Other Building Assessment: 8400
Total Assessment: 8400
Last Sale Value: 0
Number of Stories: 1
Number of Bedrooms: 0
Number of Half Baths: 0
Building Area Gross: 0

Profile Sketch

45° CONFIGURATION

Not to Scale

Distance to Street

125 ft

Let 41.2339
Long -72.1949
Parcel Information

928 MANSFIELD CITY RD
ID: 21.55.2
LOCATION: 928 MANSFIELD CITY RD
LAST SALE DATE: 2016-01-25

CO-OWNER:
MAILING ADDRESS LINE 1: 928 MANSFIELD CITY RD
MAILING ADDRESS ZIP: 06268
ROOF STRUCTURE: Irregular
HEAT TYPE: Electric Baseboard
BUILDING STYLE: Contemporary
LAND USE DESCRIPTION: Single Family
LAND ASSESSMENT: 52600
EXTRA FEATURES ASSESSMENT: 0
APPROXIMATE YEAR BUILT: 1981
NUMBER OF ROOMS: 3
NUMBER FULL BATHS: 2
BUILDING AREA EFFECTIVE: 1542

ACCOUNT NUMBER: 21 55 2
LAND AREA: 4.1
OWNER: SHIEBER, BRUCE E & MARGARET A
MAILING ADDRESS LINE 1: 928 MANSFIELD CITY RD
MAILING ADDRESS LINE 2:
MAILING ADDRESS COUNTRY:
ROOF COVERING: Asphalt Shingl
HEAT FUEL: Electric
LAND USE CODE: 101
ZONING:
BUILDING ASSESSMENT: 82200
OTHER BUILDING ASSESSMENT: 10600
TOTAL ASSESSMENT: 145400
LAST SALE VALUE: 0
NUMBER OF STORIES:
NUMBER OF BEDROOMS: 2
NUMBER OF HALF BATHS: 0
BUILDING AREA GROSS: 3496

Profile Sketch

45° CONFIGURATION

Not to Scale

Pipe Size: 6"
Pipe Grade: Schedule 40
Transition(s): 45 Degrees
Truck Connection: 6" NST Reducer with Cap
Design changes are subject to the following: FlowConfigure 1500 GPM, Static Lift Configure 12FT, Total Head Loss Configure 20'

Distance to Street

928 Mansfield City Road
77 Wildwood Road

Parcel Information

77 WILWOOD RD
ID: 17.47.12
ALTERNATE ID: 17.47.12
LOCATION: 77 WILWOOD RD
BUILDING ASSESSMENT: 145800
TOTAL ASSESSMENT: 191000
CO-OWNER: BURGESS CAROLE LEA
MAILING ADDRESS LINE 2:
MAILING ADDRESS CITY: STORRS
MANSFIELD
MAILING ADDRESS ZIP: 06268

Property Card

ACCOUNT NUMBER: 17 47 12
PARCEL ID: 17.47.12
LAND ASSESSMENT: 88900
OWNER: BURGESS THOMAS III
MAILING ADDRESS LINE 1: 77 WILWOOD RD
MAILING ADDRESS LINE 3:
MAILING ADDRESS STATE: CT

Distance to Street

Profile Sketch

45° CONFIGURATION

Not to Scale

Pipe Size: 8"
Pipe Grade: Schedule 40
Transition(s): 45 Degrees
Truck Connection: 6" NST Reducer with Cap

Design changes are subject to the following: Flow <= 1500 GPM, Static Lift <= 12FT, Total Head Loss <= 20'
Parcel Information

40-100 STEARNS RD
ID: 32.89.1
ALTERNATE ID: 32.89.1
LOCATION: 40-100 STEARNS RD
BUILDING ASSESSMENT: 354800
TOTAL ASSESSMENT: 655800

CO-OWNER:
MAILING ADDRESS LINE 2:
MAILING ADDRESS CITY: MANSFIELD
MAILING ADDRESS ZIP: 06268
MAILING ADDRESS STATE: CT

Distance to Street

Property Card
ACCOUNT NUMBER: 32 89 1
PARCEL ID: 32.89.1
LAND ASSESSMENT: 407500
OWNER: STEARNS WILLARD J & SONS
MAILING ADDRESS LINE 1: 50 STEARNS RD
MAILING ADDRESS LINE 2:
MAILING ADDRESS LINE 3:
MAILING ADDRESS CITY: MANSFIELD
MAILING ADDRESS ZIP: 06268
MAILING ADDRESS STATE: CT

Profile Sketch

45° CONFIGURATION

Not to Scale

Pipe Size: 6"
Pipe Grade: Schedule 40
Transition(s): 45 Degrees

Design changes are subject to the following: Flow >= 1500 GPM, Static Lift <= 12FT, Total Head Loss <= 20'
Installation Notes and Specifications

1. Installations must be accessible by a year-round, hard road.
2. A minimum of 21,000 gallons of water must be available for any hydrant or manhole system. Minimum cistern amount is 10,000 gallons and must be part of a water supply plan for the area.
3. PVC pipe must be Schedule 40.
4. The hydrant head will attach to 6" PVC. Six-inch PVC will extend down into the ground, below water level to the submerged elbow. This drafting pipe is because larger pipe is difficult to prime.
5. The run from the water source to the "top" elbow will be with 1" PVC pipe.
6. At least one foot of stone free fill should be used to surround the pipe. This will keep the pipe from being damaged.
7. Any exposed PVC will be grouted and painted with epoxy paint.
8. When installing elbows use 45-degree elbows if possible. They provide less resistance than a 90-degree elbow. Keep elbows to a minimum. If possible use only 2 elbows.
9. Installations should be tested at least 2 times per year. They should have an annual inspection to document any problems with weeds, sediment, etc.
10. Good maintenance may require cleaning out the area around the strainer.
11. Keep the area around the hydrant head clear. Don't have tall grass or brush grow.
12. The hydrant head needs to be stable. External support may be required.
13. The hydrant head should be 2 feet above the ground level.
14. The hydrant head needs to be protected. Place guard rail posts or large rocks on either side.
15. The riser needs to be at least 3 feet under the surface of the water.
16. The riser should not be any closer than one foot from the bottom of the water source.
17. Water level in the piping should be below the front line. Provide at least 12 inches of fill over the pipe where it is filled with water.
18. Total lift should not exceed 12 feet.
19. If the pipe extends unsupported into the water more than 10 feet it needs to be supported. Keep in mind the safety of any swimmers.
20. A post, or other identifier, must be placed near the hydrant to help in location during heavy roadside snow.
OTHER COMMUNICATIONS AND BILLS
Connecticut Department of Energy & Environmental Protection

Notice of Tentative Determination to Approve an Application for 401 Water Quality Certification

Applicant(s): Algonquin Gas Transmission, LLC
Application No.: WQC- 201815137
City/Town: Mansfield, CT

The Commissioner of the Department of Energy and Environmental Protection (“DEEP”) hereby gives notice that a tentative determination has been reached to approve the following application for the certification for activities, including but not limited to the construction or operation of facilities, which may result in any discharge into the waters of the state associated with the installation of a cathodic protection ground bed within the Algonquin Gas Transmission, LLC right-of-way.

Application No.: WQC-201815137
Applicant's Name and Address: Algonquin Gas Transmission, LLC  890 Winter Street, Suite 320
Waltham, MA 02451
Contact Name: Douglas Parcher  (617) 560-1406
Type of Permit: 401 Water Quality Certification
Relevant statute(s)/Regulation: Section 401(a)(1) of the Federal Clean Water Act
Project Description: Installation of a cathodic protection ground bed
Project Location: Algonquin Gas Transmission, LLC right-of-way in Mansfield, CT
Water(s): The Fenton River and five other un-named streams

COMMISSIONER’S FINDINGS/REGULATORY CONDITIONS
The proposed activity includes the following:  Install a cathodic protection ground bed, consisting of a direct burial Matcor linear anode bed and an anode supply loop cable, within an approximately 11,000 linear foot section of the existing 24-inch Mainline and 30-inch L30B Algonquin gas pipeline right-of-way, and will affect the Fenton River, other watercourses, and wetlands within the right-of-way.

The application has been evaluated for compliance with the applicable provisions of sections 301, 302, 303, 306 and 307 of the Act and the Water Quality Standards of the State of Connecticut adopted pursuant to Regulations of Connecticut State Agencies Sections 22a-426-1 to 22a-426-9.

INFORMATION REQUESTS/PUBLIC COMMENT
This application has been assigned No. WQC-201815137; please use this number when corresponding with DEEP regarding this application. Interested persons may obtain a copy of the application from the applicant’s contact noted above. The application and supporting documentation are available for inspection at DEEP, Bureau of Water Protection and Land Reuse, 79 Elm Street, Hartford, CT from 8:30 am to 4:30 pm Monday through Friday by contacting Carol Ladue of the Land and Water Resources Division at (860) 424-3828. Questions may be directed to John Natale, of the Land and Water Resources Division at (860) 424-3233.

Before making a final decision on this application, the Commissioner shall consider written comments on the application from interested persons. Written comments on the application should be directed to John Natale, Bureau of Water Protection & Land Reuse, Land and Water Resources Division, Department of Energy and Environmental Protection, 79 Elm Street, Hartford, CT 06106-5127, or
may be submitted via electronic mail to: John.Natale@ct.gov no later than thirty (30) days from the publication date of this notice.

/s/ Brian P. Thompson  
Brian P. Thompson, Director  
Land and Water Resources Division  
Bureau of Water Protection and Land Reuse

Published in The Advocate on Tuesday, December 18, 2018

**ADA PUBLICATION STATEMENT**
The Connecticut Department of Energy and Environmental Protection is an Affirmative Action and Equal Opportunity Employer that is committed to complying with the Americans with Disabilities Act. To request an accommodation contact us at (860) 418-5910 or deep.accommodations@ct.gov

[Draft Permit](PDF)  
[Draft Plans](PDF)