Town of Montville Inland Wetlands Application **Permit#** _____ **Check #**_____

APPLICANT INSTRUCTIONS: All applicants must complete this application form. The Commission will notify the applicant of any additional information that may be required and will schedule a Public Hearing if necessary. In addition to the information required, the applicant may submit other supporting facts or documents which may assist the Commission in its evaluation of this proposal. **PLEASE SUBMIT FOURTEEN (14) COPIES OF THE APPLICATION AND FOURTEEN (14) COPIES OF ANY OTHER DOCUMENTS AT LEAST FIVE BUSINESS DAYS PRIOR TO THE MEETING.**

I. Applicant Information

Name Jeffrey Graves
Address 40 Saltbox Lane, Uncasville, CT 06382
Tel # – Cell # 860-450-6231
Fax # – Email jeffgraves07@gmail.com

Interest in Property ☑ Owner ☐ Option Holder ☐ Developer ☐ Harvester ☐ Other
☐ **Attach a Written Consent to the proposed activity from the owner if applicant is not the owner** ☐ Required ☑ Not Required

II. Owner Information

Name Same as above Address _____
Tel # _____ Cell # _____
Fax # _____ Email _____

III. Engineer Information

Contact James Bernardo
Firm James Bernardo Land Surveying, Inc. Address 102A Spithead Rd., Waterford, CT 06385
Tel # 860-447-0236 Cell # _____
Fax # – Email jim@jbsurvey.com

IV. Attorney Information

Contact _____
Firm n/a Address _____
Tel # _____ Cell # _____
Fax # _____ Email _____

V. Property Information

Address of Proposed Activity 40 Saltbox Lane, Uncasville
Assessor's Map and Lot Number Map #1350 Lot 7CC
Land Records /Deed Volume: 551 Page: 792 Acreage of Property 3.29 ac.
Zoning R-40 2R sect. 8

Provide a List of the Names and Mailing Addresses of Adjacent Property Owners (Attach Sheet)

Anthony and Rena Holloman 44 Saltbox Lane (also see attached sheet)
Mary Jane Kuczma 36 Saltbox Lane

VI. Wetlands and Watercourse Information

Total Acreage of Wetlands on the site 0.735 acres

Wetland Disturbance Area 0 sq ft

Upland Review Disturbance Area _____ sq ft

Have the Wetlands Been Flagged ☑ Yes ☐ No Year 2021

Name of Soil Scientist Joseph Theroux

Linear Feet of Watercourse Disturbance 0 ft

Creation of New Wetlands 0 sq ft

VII. Project Description

☐ Subdivision ☐ Review No Regulated Activity ☐ Permit Modification

☒ Regulated Activity ☐ Permitted Use as of Right ☐ Permit Renewal

Activity will involve (Check all that apply)

☐ Alteration ☐ Construction ☐ Pollution ☐ Stormwater Discharge

☐ Deposition of Material _____ cubic yards

☐ Removal of Material _____ cubic yards

See attached checklist of items that are to be included on Plan and supplemental data.

A) Attach a Detailed Plan of the Proposal and indicate Plan Title and Date.

Title: Retaining Wall on Buffer Zone Approval ("Narrative of "Plan" attached)

Date: June 2024

B) Provide Brief Description of the Proposed Project on separate piece of paper. Instructions attached.

C) List Titles and dates of all documentation which will be included and submitted with this application and attach to application. Documents should include, but are not limited to; Project Proposal, Soil Scientist Reports, and Drainage Calculations.

VIII. Other Information

1. Does the application involve an activity in a regulated area that is within 500 ft of another municipality?

☐ Yes ☑ No

- If YES, then a copy of the application and all material is to be submitted to said Town and a copy of the transmittal form is to be provided to the Commission.

2. Is the property located within a Flood Hazard Area? ☐ Yes ☑ No

-If YES, then please provide additional material showing the location of the area.

3. Is the regulated activity within a Public Water Supply Aquifer or Watershed? ☐ Yes ☑ No

- If YES, then a copy of the application and all material is to be submitted to the State Department of Health as well as the appropriate Water Company. See attached instructions for the Notification Process for the State Health Department. A copy of the transmittal forms shall be provided to the Commission.

4. Does the application require approval from Uncas Health District? ☐Yes ☑No
   - If YES, then a copy of the approval is to be provided to the Commission.

5. Does the application require approval from the Public Works Dept? ☐Yes ☑No

   - If YES, then a copy of the approval is to be provided to the Commission.

6. Does the application require approval from the Town of Montville WPCA? ☐Yes ☑No
   - If YES, then a copy of the approval is to be provided to the Commission.

7. Does the application require permits from the following agencies?

			Submission Info
Army Corps of Engineers	☐Yes	☑No	Date _____
Department of Environmental Protection	☐Yes	☑No	Date _____
Department of Transportation	☐Yes	☑No	Date _____

   - If YES, then a copy of the application and all material is to be submitted to said Agency and a copy of the transmittal form is to be provided to the Commission.

8. Does this permit require a State Water Diversion Permit? ☐Yes ☑No

9. Does this permit require a State Dam Permit? ☐Yes ☑No

10. Is this property subject to a Conservation Restriction and/or a Preservation Restriction?

   -If YES, attach a copy of certified notice. ☐Yes ☑No

11. If the application is a renewal or modification of an existing permit, is a copy of the original approval included in the documentation package? ☑Yes ☐No

Inland Wetlands Permit 221 IWC 15 issued 11/18/21 is attached.
Modification requested to include/allow for retaining wall in buffer zone.

The undersigned applicant hereby consents to necessary and proper inspections of the above mentioned property by agents of the Montville Inland Wetlands Commission at reasonable times, both before and after the permit in question has been granted by the Commission.

Name Jeffrey A Brown Date 6/25/24

Property Owner if other than Applicant_____ Date_____

TOWN OF MONTVILLE
INLAND WETLANDS APPLICATION CHECKLIST

N/A

☐ ☑ Completed application signed by the property owner. If you are acting on behalf of the property owner than a letter must also be submitted by the property owner stating that you are acting as his/her agent.

☐ ☑ Application must have the disturbance area in square feet and acres to include the buffer area, as well as, the wetland area and what type of activity it will be in tabular format.

☐ ☑ A narrative describing the activities to take place on the property. This is to include but not limited to:

- ☐ Alternatives considered.
- ☐ Description of the activity including location and square footage of Disturbance.
- ☐ What type of erosion and sediment control will be used.
- ☐ If machinery will be used or if work will be done by hand.
- ☐ Identify the sub-drainage basin where the proposed activity will occur.

☐ ☑ List of abutting property owners and names indicated on plan.

☐ ☑ Location of all wells and septic systems of abutting property owners, as well as, any located onsite. included in attached documents (map - McKay Engineering)

☐ ☑ Existing and proposed contours at 5 ft contours. included in As-built Survey and/or Zoning Compliance Survey

☐ ☑ Location of all designated wetland and watercourse areas by a Certified Soil Scientist. A soils report from the soil scientist shall also be provided along with a live signature and stamp on the plans. included in Zoning Compliance Survey

☑ ☐ Location of all Flood Zones per Federal Flood Insurance Rate Maps.

☐ ☑ Location of all existing and proposed buildings and their uses. 5 BR Raised Ranch - included in as-built survey

☐ ☑ Location of all crossings and storm water drainage systems and their drainage. calculations based on ten (10) and Twenty-five (25) year storms. In addition all points of ground water discharge will also be shown. Included in As-built Survey and/or Zoning Compliance Survey

☐ ☑ Location of all Erosion and Sediment control devices and an Erosion and Sediment control plan. Included in Zoning Compliance Survey

☐ ☑ North arrow and location key at 1"= 1000". Included in As-built Survey

☐ ☑ DEEP Report Form.

☑ ☐ The requirements of Section 7.5 shall apply if the proposed activity has been determined **significant.**

☐ Site plans for the proposed use or operation and the property which will be affected, which show existing and proposed conditions, wetland and watercourse boundaries, land contours, boundaries of land ownership, proposed alterations and use of wetlands and watercourses, and other pertinent features of the development drawn by a licensed surveyor, professional engineer or landscape architect registered in the State of Connecticut or by such other qualified person;

☐ Engineering reports and analyses and additional drawing to fully describe the proposed project and any filling, excavation, drainage or hydraulic modifications to watercourses and the proposed erosion and sedimentation control plan;

☐ Mapping of soil types consistent with the categories established by the National Cooperative Soil Survey of the U. S. Soil Conservation Service (the Commission may require the applicant to have the wetlands delineated in the field by a soil scientist and that the field delineation be incorporated onto the site plan);

☐ Description of how the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetlands functions;

☐ Description of how the applicant will change, diminish, or enhance the ecological communities and functions of the wetlands or watercourses involved in the application, and with each alternative, and a description of why each alternative considered was deemed neither feasible nor prudent;

☐ Analysis of chemical or physical characteristics of any fill material;

☐ Measures which mitigate the impact of the proposed activity. Such measures include, but are not limited to, plans or actions which avoid destruction or diminution of wetland or watercourse functions, recreational uses and natural habitats, which prevent flooding or degradation of water quality.

In addition to this checklist, the applicant is also responsible for those items listed in the EROSION & SEDIMENT CONTROL CHECKLIST

EROSION & SEDIMENT CONTROL CHECKLIST

Monitoring and Maintenance: The E&S plan and any revisions, shall identify an agent or agents who have the responsibility and authority for the implementation, operation, monitoring and maintenance of E&S measures. Such agent(s) shall be familiar with each control measure used including its limitations, installation, inspection and maintenance. When control measures fail, or are found to be otherwise ineffective, such agent(s) shall coordinate plan revisions with a professional experienced in erosion and sediment control and any approving agency when that agency's approval is required. Such agent(s) shall have the additional responsibility for ensuring all erosion and sediment controls are properly installed and maintained the construction site before predicted major storms. A major storm is defined as a storm predicted by the National Office of Atmospheric Administration (NOAA) Weather Service with warnings of flooding, severe thunderstorms or similarly severe weather conditions or effects.

Each measure has inspection requirements included in the measure's section entitled "Maintenance". Many of the measures require inspections at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater; some others require daily inspection. Only the permanent measures have less frequent inspections. More frequent inspections than those identified in the measure may be necessary for sites that are heavily traveled and before major storms.

NARRATIVE

- ☑ Purpose and description of project.
- ☑ Estimates of the total area of the project site and the total area of the site that is expected to be disturbed by construction activities.
- n/a ☑ Identification of site-specific erosion or sediment control concerns and issues.
- n/a ☐ The phases of development if more than one phase is planned.
- n/a ☐ The planned start and completion dates for each phase of the project.
- ☑ *Either provide or identify where in the E&S plan the following information is found:* any applicable E+S info can be found in the zoning compliance survey
  - ☐ The design criteria, construction details and maintenance program for the erosion and sediment control measures to be used.
  - ☐ The sequence of major operations within each phase, such as installation of erosion control measures, clearing, grubbing, excavation, grading, drainage and utility installation, temporary stabilization, road base, paving for roadways and parking areas, building construction, permanent stabilization, removal of temporary erosion control measures.
  - ☐ The time (in days) required for the major operations identified in the sequence.
- n/a ☐ Identify other possible local, state and federal permits required.
- n/a ☐ Identify the conservation practices to be used.
- n/a ☐ A listing of all other documents to be considered part of the E&S plan (e.g. reports of hydraulic and hydrologic computations, boring logs, test pit logs, soils reports, etc.).

SUPPORT DOCUMENTS

☐ *Hydraulic Calculations:*

n/a

- ☐ Size and locations of existing and planned channels or waterways with design calculations and construction details.
- ☐ Existing peak flows with calculations.
- ☐ Planned peak flows with calculations.
- ☐ Changes in peak flows.
- ☐ Off-site effects of increased peak flows or volumes.
- ☐ Design calculations and construction details for engineered measures used to control off-site erosion caused by the project.
- ☐ Design calculations and construction details for engineered measures used to control erosion below culverts and storm sewer outlets.
- ☐ Design calculations and construction details for engineered measures used to control groundwater, i.e. seeps, high water table, etc.

☐ *Boring logs, test pits logs, soils reports, etc.*

SITE DRAWING(S) CHECKLIST

☑ *Jurisdictional features Required on All Maps or Drawings:* included in zoning compliance survey and/or As-built survey

- ☑ North Arrow.
- ☑ Scale (including graphical scale).
- ☑ A title block containing the name of the project, the author of the map of drawing, the owner of record for the project, date of drawing creation and any revision dates.
- ☑ Property lines.
- ☑ For plans containing E&S measures which require an engineered design, the signature and seal of a professional engineer licensed to practice in Connecticut.

☑ *Site Locus Map:* included in zoning compliance survey and/or as-built survey if applicable

- ☐ Scale (1:24,000 recommended).
- ☐ Project location (show property boundaries and at least the area that is within 1000 feet of the property boundaries).
- ☐ Roads, streets/buildings.
- ☐ Major drainage ways (at least named watercourses).
- ☐ Identification of any public drinking water supply watershed area.

☑ *Topography, Natural Features and Regulatory Boundaries:*

- ☐ Existing contours (2 foot intervals).
- ☐ Planned grades and elevations.
- ☐ Seeps, springs.
- ☐ Limits of cuts and/or fills.
- ☐ Soils, bedrock.

included in zoning compliance survey and/or as-built survey if applicable

- ☐ Inland wetlands boundaries.
- ☐ FEMA identified floodplains, floodways and State established stream channel encroachment lines.
- ☐ Streams, lakes, ponds, drainage ways, dams.
- ☐ Existing vegetation.
- ☐ Tidal wetland boundaries and coastal resource limits (e.g. mean high water, shellfish beds, submerged aquatic vegetation, CAM boundary).
- ☐ Public water supply watershed, wellheads or aquifer boundaries (when available).

☑ *Drainage Patterns* any applicable info located in zoning compliance survey or as-built survey

- ☐ Existing and planned drainage patterns (including offsite areas).
- ☐ Size of drainage areas.
- ☐ Size and location of culverts and storm sewers (existing and planned).
- ☐ Size and location of existing and planned channels or waterways.
- ☐ Major land uses of surrounding areas.

☑ *Road and Utility Systems* any applicable info located in zoning compliance survey or as-built survey

- ☐ Planned and existing roads and buildings with their location and elevations.
- ☐ Access roads: temporary and permanent.
- ☐ Location of existing and planned septic systems.
- ☐ Location and size of existing and planned sanitary sewers.
- ☐ Location of other existing and planned utilities, telephones, electric, gas, drinking water wells, etc.

☑ *Clearing, Grading, Vegetation Stabilization* any applicable info located in zoning compliance survey or as-built survey

- ☐ Areas to be cleared, and sequence of clearing.
- ☐ Disposal of cleared material (off-site and on-site).
- ☐ Areas to be excavated or graded, and sequence of grading or excavation.
- ☐ Areas and acreage to be vegetatively stabilized (temporary and/or permanent).
- ☐ Planned vegetation with details of plants, seed, mulch, fertilizer, planting dates, etc.

☑ *Erosion & Sediment Control Drawing* any applicable info located in zoning compliance survey or as-built survey

- ☐ Location of E&S measure on site plan drawing with appropriate symbol.
- ☐ Construction drawings and specifications for measures.
- ☐ Maintenance requirements of measures during construction of project.
- ☐ Person responsible for maintenance during construction of project.
- ☐ Maintenance requirements of permanent measures after project completion.
- ☐ Organization or person responsible for maintenance of permanent measures having the authority to maintain and upgrade control measures as designed or as needed to control erosion and sedimentation.
- ☐ Handling of emergency situations (e.g. severe flooding, rains or other environmental problems).
- ☐ If not provided in the narrative, the information listed in checklist for **NARRATIVE.**