Application for CT DEEP Grants under Section 319 (§319) of the Federal Clean Water Act

Deadline to Submit for FY25: February 25, 2025

PROJECT SUMMARY – Descriptive details, name, and location of the proposed project.

PROJECT TITLE:	
APPLICANT: Individual/organization submitting the application	
TYPE OF PROJECT PROPOSED: Check all that apply	**PLANNING PROJECT:** ☐ Create Watershed-Based Plan (restoration) ☐ Create Healthy Watershed-Based Plan (protection) ☐ Conduct Monitoring, Assessment, or Track down **IMPLEMENTATION PROJECT:** Implement Project(s) in an approved Watershed-Based Plan ☐ Structural Nonpoint Source Management Measures (anticipated to result in immediate pollutant load reductions) ☐ Planning, Engineering, Design, Permitting ☐ Construction ☐ Non-structural Nonpoint Source Management Measures (anticipated to result indirect or long-term pollutant load reductions) ☐ Education and Outreach ☐ Land Use Management ☐ Other_____ ☐ Implementation Project Not Identified in a Watershed-Based Plan for the target watershed **OTHER: (describe)**

PROJECT DESCRIPTION: Proposal should include a clear strategy and demonstrate the viability of the project (add attachments if needed). Consider the Overview, Objectives, and Methods.	
PROJECT LOCATION: Include site map, Lat/Long, address, or other related information. Find Lat/Long here: https://getlatlong.net/. Or indicate if it is a statewide project.	
TARGET WATERSHED	This Map Viewer offers the target watershed details after selecting the watershed data layers: http://cteco.uconn.edu/viewer/index.html?viewer=simple HUCs explained: https://cteco.uconn.edu/help/watersheds.htm Map Viewer Help: https://cteco.uconn.edu/help/simpleviewer_help.htm
Major; Regional; Subregional; 4-digit Number; National Hydrologic Unit Code (HUC)	

FLOOD HAZARD RISK CHECK:	Will the project include excavation, fill, or activities within a FEMA Special Flood Hazard Area (see website: https://msc.fema.gov/portal/home). ☐ YES ☐ NO Will the project include proposed activities within areas affected by potential sea level rise? (see website: https://circa.uconn.edu/sea-level-rise-and-storm-surge-viewer/#) ☐ YES ☐ NO OTHER:

INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THE PROJECT – This contact will be considered the project manager

PROJECT MANAGER: NAME/TITLE	
ORGANIZATION:	
STREET ADDRESS:	
CITY, STATE, ZIP:	
PHONE NUMBER(s):	
EMAIL:	

ESTIMATED TOTAL COST, INCLUDING OTHER FUNDING/IN-KIND SOURCES

Identify the amount of funds requested from the §319 NPS Grant Program, other funds or in-kind services committed to the project, and total cost of the project. Applications that leverage additional financial or in-kind contributions, particularly non-federal funds, will be recognized in the competitive review process.

§ 319 FUNDS REQUESTED:	
NONFEDERAL FUNDS:	
OTHER FEDERAL FUNDS:	
VALUE OF IN-KIND SERVICES:	
TOTAL COST:	

DEEP APPROVED PLAN or TMDL

In most cases an approved 9-element Watershed-Based Plan or approved Total Maximum Daily Load (TMDL) analysis should be developed before implementation activities for a watershed can be funded by the § 319 NPS Grant Program.

FOR APPLICANTS PROPOSING A PLANNING PROJECT: Describe in the section below known impairments/threats and strategies in the proposed project to address EPA's 9-elements. (Includes restoration and protection Watershed-Based Plans.)

FOR APPLICANTS PROPOSING IMPLEMENTATION ACTIVITIES:
Provide brief explanations in the section below for how the proposed project addresses EPA's 9 elements of the approved Watershed-Based Plan or approved TMDL analysis.

DOCUMENT ASSOCIATED WITH THIS PROPOSAL: Proposed OR Existing Watershed-Based Plan; OR TMDL	
1) IMPAIRMENT or THREATS Identify the nonpoint source impairments, causes or threats	
2) LOAD REDUCTION **Note**: The applicant will be responsible for calculating/modeling the pollutant load reductions upon completion of the project. If load reductions are modelled, a U.S. EPA model (https://www.epa.gov/nps/nonpoint-source-pollution-technical-guidance-and-tools) or other publicly available model must be used.	If a planning project, propose how existing pollutant loads and necessary reductions would be estimated/calculated and identify if there is any relevant TMDLs for the targeted watershed.
	If an implementation project: a) IDENTIFY the pollutants and respective units of measure that will be calculated for load reductions at the completion of the project. b) For proposed nonpoint source management measures which will result in DIRECT/IMMEDIATE load reductions, provide an estimate for load reduction upon project completion and if it's anticipated to eliminate or reduce existing impairments. c) For nonpoint source management measures which will result in INDIRECT OR LONG TERM load reductions, describe how proposed project(s) will contribute towards overall load reductions and addressing identified impairments.

3) MANAGEMENT MEASURES or PROTECTION STRATEGIES	If a planning project, provide potential nonpoint source management measure(s) that might be proposed to address NPS pollution (structural or nonstructural).
	If an implementation project, describe the nonpoint source management measure(s) to be applied (structural or nonstructural).
4) TECHNICAL & FINANCIAL ASSISTANCE	If a planning project, what types of resources are anticipated to identify or estimate technical and financial assistance?
	If implementation project, provide estimate for total cost of executing project(s) which includes requested § 319 funds plus any additional funds or other resources needed to implement the project.
5) PUBLIC INFORMATION & EDUCATION	If a planning project, what types of resources are anticipated for public information and education efforts and their value to the project.
	If an implementation project, describe how it will provide additional opportunities for education and outreach over short and/or long term to further goals of the Watershed-Based Plan.

6) SCHEDULE	If a planning project, what types of resources are anticipated for an implementation schedule for nonpoint source management measures.
	If an implementation project, indicate how project fits into the plan schedule.
7) MILESTONES	If a planning project, what types of resources are anticipated for measurable milestones for determining nonpoint management measures implementation.
	If an implementation project, indicate how it meets one or more milestones identified in the plan.
8) PERFORMANCE	If a planning project, what types of resources are anticipated for a list of performance criteria to demonstrate progress in achieving load reductions, addressing the impairment and attaining CT Water Quality Standards.
	If an implementation project, describe how it would help to achieve performance criteria for attaining CT Water Quality Standards.

9) MONITORING	If a planning project, what types of resources are anticipated for how monitoring may be used to evaluate effectiveness of implementation measures.
	If an implementation project, discuss if and how monitoring will be used to demonstrate the effectiveness of the project.

PROJECT TEAM, PARTNERS, COORDINATION, ROLES, AND RESPONSIBILITIES

Identify and describe the qualifications of key members of the team who will complete the project (copies of resumes may be attached):

Describe participation and commitments expected from other agencies and organizations:

For Watershed-Based Plan projects, provide verification that the applicant has an experienced technical writer on staff or that one will be obtained for the project:

ESTIMATED PROJECT DURATION

DEEP will generally limit project duration to a two-year contract period (longer terms for completion of larger, more complex projects would be at the discretion of DEEP). How many months do you anticipate to complete the project?

CONSTRUCTION PROJECT, LONG TERM MAINTENANCE AND PERMITS

Indicate whether the applicant owns or controls the site property, and if not, the proposal should include documentation of the property owner's agreement to allow access for the project construction, operation and/or maintenance, as applicable:

Upon completion of construction, an Operations and Maintenance Plan will be required and coordinated with the responsible party/property owner as part of the project. Who will be responsible for long-term operations and maintenance of the BMP(s)?

The applicant will be responsible for identifying and obtaining all necessary state, federal and local permits to complete the proposed project. Are permits anticipated for this project?

☐ YES ☐ NO Explain:

Are there other known or suspected considerations that will surface in an environmental review of the proposal? For example, are there overlay zones, archaeological concerns, contaminated soils, change of use of public areas or drinking water source water areas, etc?

QUALITY ASSURANCE QUALITY CONTROL

For a proposed project that involves the collection, analysis, or manipulation of data, a Quality Assurance Project Plan (QAPP) will be required before work can begin, but it is not necessary in the application process. The applicant should consider the development and implementation of the QAPP in their budget. **The QAPP must be approved by CT DEEP/US EPA prior to the commencement of the work.** All QAPP's shall be written according to the following U.S. EPA guidance: https://www.epa.gov/quality/quality-assurance-project-plan-development-tool

Will this project require a Quality Assurance Project Plan (QAPP)? ☐ YES ☐ NO If yes:

- Will water chemistry monitoring be conducted with this project? ☐ YES ☐ NO
- Will biological monitoring be conducted with this project? ☐ YES ☐ NO
- Will habitat assessment monitoring be conducted with this project? ☐ YES ☐ NO
- Does the applicant have experience developing or modifying a QAPP? ☐ YES ☐ NO

Comments:

NOTES:

- The use of "secondary data" for analysis or manipulation of environmental data requires a QAPP. Secondary data are previously collected data by other entities, or the applicant.
- If applicant provides "in kind" services, such as sample analysis or sample collection, instead of money, a QAPP is necessary.
- If the project is conducted with the intent to provide the data to EPA for its use, a QAPP is necessary.

TASKS, DELIVERABLES, ESTIMATED COST

List the major project tasks, deliverables, and costs. Include tasks such as a final project report, project coordination and meetings, completed GRTS spreadsheet*, calculating/modeling pollutant load reductions**, NPS Site Report, Operations and Maintenance Plan, or QAPP development.

Task #	Description of Task & Deliverable	Cost § 319 funds

* Grant Reporting Tracking System (GRTS) spreadsheet – required for reporting to EPA on the projects awarded with the § 319 Grant funds. Additional details can be found on our website: https://portal.ct.gov/DEEP/Water/NPS/Nonpoint-Source-Management. **The applicant will be responsible for calculating/modeling the pollutant load reductions upon completion of an implementation project. If load reductions are modelled, a U.S. EPA model (https://www.epa.gov/nps/nonpoint-source-pollution-technical-guidance-and-tools) or other publicly available model must be used.

ENVIRONMENTAL BENEFIT AND CAUSES OF IMPAIRMENT

ENVIRONMENTAL BENEFITS: Check all that apply to best describe the environmental benefit that will be derived from the proposed project.	☐ Eliminate an identified impairment throughout a watershed? ☐ Restore impaired waters or segments of impaired waters? ☐ Reduce NPS pollution but may or may not eliminate impairments? ☐ Protect stream or prevent NPS pollution? ☐ Other:
CAUSES OF IMPAIRMENT: Check all that apply to best describes the source of impairment that will addressed by the proposed project.	☐ Target impairments caused by hydromodifications ☐ Target impairments caused by agricultural NPS sources ☐ Target impairments caused by stormwater NPS sources ☐ Target impairments caused by other NPS sources (specify):