Release Date: August 30, 2022

**Lake Champlain Basin Program Announcement**

**Request for Proposals**

*Soil-based practices to reduce phosphorus losses on farms in the New York portion of the Lake Champlain Basin*

The Lake Champlain Basin Program (LCBP), in partnership with NEIWPCC, is pleased to announce a Request for Proposals (RFP) for a grant to support the implementation of soil-based practices on farms that will reduce phosphorus loading to Lake Champlain and its tributaries in New York. Examples of possible projects include but are not limited to: implementation of practices that promote soil health, increase grazing opportunities, and reduce soil erosion and phosphorus losses from traditional tillage. Innovative projects that may be transferable to other farms are strongly encouraged. Initiatives that promote effective conservation measures to ensure environmental rewards while increasing agricultural economic stability of the properly placed soil-based farming practice will be given priority. Up to $25,000 is available to support this project. The LCBP anticipates offering one (1) award for this RFP.

This work is applicable to the Clean Water and Healthy Ecosystem goals of LCBP’s long-term management plan *Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin* ([http://plan.lcbp.org](http://plan.lcbp.org/)). This grant opportunity is supported by funds awarded to NEIWPCC on behalf of the LCBP by the U.S. Environmental Protection Agency.

This RFP is available on the Lake Champlain Basin Program website ([lcbp.org/grants](http://lcbp.org/grants)). To receive a copy of the RFP via U.S. Postal Service, contact the Lake Champlain Basin Program office at (802) 372-3213 or toll free at (800) 468-LCBP in New York and Vermont.

**DEADLINE NOTICE:**

Applicants must submit proposals [via the online form at this link](https://form.jotform.com/213204086838153) no later than:

**October 26, 2022, at 12pm (noon) EST**

**Late, incomplete, or hardcopy proposal submissions will not be considered**.

Successful applicants will be notified in early December 2022. LCBP anticipates issuing one award from this opportunity but reserves the right to make no awards if no suitable applications are received. All awards are subject to funding availability.

**Lake Champlain Basin Program Request for Proposals**

*Soil-based practices to reduce phosphorus losses on farms in the New York portion of the Lake Champlain Basin*

**Overview**

Congress designated Lake Champlain as a resource of national significance with the Lake Champlain Special Designation Act of 1990. The Special Designation Act also established the Lake Champlain Basin Program (LCBP) and authorized it to receive direct support from US EPA under the Clean Water Act. LCBP works in partnership with government agencies from New York, Vermont, and Québec, private organizations, local communities, and individuals to coordinate and fund efforts that benefit the Lake Champlain Basin’s water quality, fisheries, wetlands, wildlife, recreation, and cultural resources. These efforts are guided by the comprehensive management plan [*Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin*](https://www.lcbp.org/about-us/how-we-work/opportunities-for-action/).

Since 1992, [NEIWPCC](https://neiwpcc.org/) has served as the primary program administrator of LCBP at the request of the Lake Champlain Steering Committee and administers the program’s personnel and finances. NEIWPCC is a regional commission that helps the states of the Northeast preserve and advance water quality. NEIWPCC engages and convenes water quality professionals and other interested parties from New England and New York to collaborate on water, wastewater, and environmental science challenges across shared regions, ecosystems, and areas of expertise.

1. **Background**

This Request for Proposals (RFP) will focus on adoption of place-based conservation practices used to improve water quality. Each site is different, and it is important to apply the most efficient conservation practice for conditions at a given site. The LCBP encourages conservation measures by reducing or removing barriers to innovative, yet effective, soil-based practices that assist a farm in their environmental stewardship goals.

Farming is a vital occupation that creates many opportunities to practice stewardship of critical natural resources. Farmers live on the land and work where they live. This grant program is intended to be an incentive to support soil-based practices that reduce phosphorus losses from farms while maintaining the economic viability of participating farms. Farm practices have received a great deal of attention in recent years as part of a coordinated effort to reduce nutrient pollution from agricultural sources across the Lake Champlain Basin. Resources from this grant program have been allocated to assist small farms who are balancing revenue needs with diversification of farm practices while trying to implement phosphorus reduction practices.

The scope of this RFP is to support the implementation of soil-based practices on farms in the New York portion of the Lake Champlain Basin for the 2023 growing season. Practices that reduce phosphorus loss from soils while serving to address small farm goals toward future viability remains a high priority for resource managers. Applicants are encouraged to propose innovative projects that meet these goals. Examples include, but are not limited to, practices that promote soil health, increase grazing opportunities, and reduce soil erosion and phosphorus losses from traditional tillage.

Examples of technical references used in conservation planning on farms in New York, (additional resources not listed here may also be applicable):

* Guidance on practices can be found in the [Agricultural Best Management Practice Systems Catalogue](https://agriculture.ny.gov/system/files/documents/2022/06/ag_bmp_catalogue.pdf)
* [AEM Tier process](https://agriculture.ny.gov/soil-and-water/agricultural-environmental-management) for NY farms,
* AEM stream corridor assessment [guide](http://www.uppersusquehanna.org/usc/usc-teams/stream-team/stream-corridor-assessment-guide/),
* and NRCS-NY practice [standards](https://efotg.sc.egov.usda.gov/#/state/NY/documents/section=4&folder=0)

Successful proposals will include:

* Clearly defined tasks that will assist eligible farmers to implement an innovative solution to reduce soil phosphorus loss on their farm.
* Clear description of the soil-based practice to be implemented.
* An outreach plan to engage farmers to promote the selected practice.
* Technical assistance, by a qualified applicant, for the application and implementation of the proposed soil-based practice.

Farmer support for the program should be well-documented within proposals. Any farmer currently or previously under contract to receive payment for similar funding assistance from any other state or federal program is not eligible to receive payments through this funding opportunity. The applicant should be able to assist eligible farmers with the implementation process and proposals should be carefully crafted to address the unique needs of farms in the Lake Champlain Basin of New York.

This funding opportunity should include support for a qualified technical service provider (if needed), marketing of the funding opportunity to eligible farmers in the New York Lake Champlain watershed. Photographic documentation of selected farm(s) before, during, and after the practice implementation will help gauge the success of the program. In addition to reducing nutrient runoff from agricultural uses, the project also will help decrease pollution to Lake Champlain as outlined in LCBP’s long-term management plan: [*Opportunities for Action: An Evolving Plan for the Future of the Lake Champlain Basin*](https://www.lcbp.org/about-us/opportunities-for-action/), updated in June 2022.

The final project deliverable will be a report documenting the outcome of the described implementation project and degree of interest and engagement from the New York agricultural community in the Lake Champlain Basin. Success of the project also will be measured by the number of farms and soil-based practices applied on farms in areas which contribute disproportionate quantities of phosphorus to nearby waterways. The successful applicant will demonstrate an approach to selecting and including farms owned or operated by members of minority, low-income, tribal, or traditionally underserved communities. Farmsteads or farms with fields with a known source of excess nutrients adjacent to surface waters will be given highest priority for application of the soil-based practice implementation.

1. **Project Tasks and Deliverables**

The Lake Champlain Basin Program (LCBP) seeks proposals to support soil-based practice implementation on farms in the New York portion of the Lake Champlain Basin for the 2023 growing season. Proposals should include the following components:

* 1. Identification of agricultural operators that are near or adjacent to a surface water flowing into Lake Champlain with demonstrated need of a practice to reduce soil-based phosphorus loss. Efforts to identify and recruit agricultural operators in traditionally underserved, minority, low-income, or tribal communities should be described.
	2. Work with landowners to maximize voluntary participation in the project and promote awareness of soil-based conservation practice implementation.
	3. Implement the selected conservation practice on eligible farms.
	4. Document the conservation practice implementation with before-and-after photographs. Photographs should clearly illustrate site conditions prior to and after practice implementation.
	5. A copy of the operation and maintenance agreement for any structural components of the soil-based conservation practice is required.
	6. Submit a final report documenting the outcomes of the project in addition to quarterly reports throughout the project period.

**IV.** **Summary of Other Requirements for the Selected Proposal**

The selected applicants will be required to complete the following additional tasks:

1. Within thirty days of LCBP grant award notification, applicants must submit a detailed project workplan that will be subject to the LCBP approval process before a contractual agreement will be issued. The workplan describes the project methods, tasks, timeline, outputs, and task-based budget. **As you develop the task-based budget, keep in mind that payments will only be made for fully completed tasks.** Payments for partially completed tasks will not be processed. If a project is selected for funding, LCBP staff will provide the grant recipient with workplan guidance. We strongly encourage all applicants to visit the LCBP website for more information on the LCBP grant process and reporting templates: <http://www.lcbp.org/about-us/grants-rfps/grant-toolkit/>.
2. Quality Assurance Project Plans (QAPPs) are required for all activities involving the collection, generation, compilation, management, analysis, evaluation, and/or use of environmental data. When necessary, the successful applicant will prepare a QAPP as part of the project workplan. It is possible that some grants might not require a QAPP. Please contact LCBP staff if you are unsure about the QAPP requirement. The QAPP must be fully approved before any environmental data collection or analysis activities can begin on a project. For projects requiring a QAPP, NEIWPCC/LCBP will not pay for any data collection or analysis activities started prior to development and receipt of a fully approved QAPP. The QAPP development and approval process can be quite lengthy (up to 90 days, depending on the size of the project), so please make sure that an appropriate amount of time has been allocated to this step in the project budget and timeline. More information about the LCBP QAPP process can be found at this link: <http://www.lcbp.org/about-us/grants-rfps/grant-toolkit/qapp/>.
3. The successful applicant will prepare and submit brief quarterly reports documenting progress on each objective and task in the project (see attached Proposal Format Requirements). A final report fully documenting the project results will be required at project completion.

When approved, the final report may be edited for content and style in consultation with the successful respondent and may be published as part of the Lake Champlain Basin Program’s Technical Report Series, located here: <http://www.lcbp.org/media-center/publications-library/technical-reports/>. Some content of this report may also be used for future LCBP public outreach materials.

1. The successful applicant will complete the project according to the following schedule (subject to change):

|  |  |
| --- | --- |
| Proposals Due to LCBP | By 12PM (noon) EST on October 26, 2022 |
| Applicants Notified of Funding Decisions  | December, 2022 |
| Detailed Project Workplan Due  | February, 2023 |
| Project Start Date  | March, 2023 |
| Project Deliverables and Final Report Due | December 31, 2024 |

1. All materials and work products, regardless of physical form or characteristics, produced as a result of this project shall be made available to LCBP, NEIWPCC, and EPA or the Great Lakes Fishery Commission (GLFC) in a suitable file format. LCBP, NEIWPCC, and EPA or GLFC shall have an unrestricted right to use any materials, software, maps, studies, reports, and other products or data generated using assistance funds or specified to be delivered. The contractor shall not obtain, attempt to obtain, or file for a patent, copyright, trademark or any other interest in any such materials, or work products without the expressed, written consent of LCBP and NEIWPCC, and subject to any other approvals required by state or federal law. Reports and other deliverables will credit LCBP, NEIWPCC, and EPA or the GLFC as funding partners for any work completed under the project contract.
2. GIS data produced under this project must adhere to the requirements of EPA’s National Geospatial Data Policy (see <https://www.epa.gov/geospatial/epa-national-geospatial-data-policy>). Specifically, the selected contractor must provide documentation for all produced data, including source information for each digital data layer (i.e., scale and accuracy, map projection, coordinate system, etc.), and specific information about the data layer itself (i.e., method used, geographic extent of data layer, file format, date of creation, staff contact, description and definition of data fields and their contents, related files, if any, and description of data quality and quality assurance methods used). The EPA Metadata Editor (EME) was developed to simplify and standardize metadata development and is a recommended tool for streamlining production of required metadata. The EME and related training materials can be downloaded from <https://edg.epa.gov/EME/>. Specific technical guidance on geospatial deliverables and acceptable formats can be found at <https://www.epa.gov/geospatial/epa-region-2-gis-deliverables-guidance>. GIS data produced under this project will be submitted to LCBP as a deliverable.
3. NEIWPCC requires its contractors to maintain workers compensation and liability insurance. Contractors must submit proof of adequate insurance coverage on an annual basis for the duration of the project. The Contractor shall, at its sole expense, obtain and maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, both for the benefit of the Commission, the following kinds and amounts of insurance:
	* Workers' Compensation Insurance. The policy shall cover the obligations of the Contractor in accordance with the Workers' Compensations Law and Disability Benefits Law covering all operations under the Contract, whether performed by it, or by its subcontractor.
	* Liability and Property Damage Insurance. Unless otherwise specified, each policy shall have limits not less than: $2,000,000 combined (Bodily Injury & Property Damage); $3,000,000 aggregate, single limit per occurrence.
4. Subawardees must comply with all requirements and responsibilities of this subaward and with all U.S. EPA General Terms and Conditions under the prime agreement as outlined at <https://www.epa.gov/grants/grant-terms-and-conditions>. Subawardees are required to submit a Subrecipient Risk Assessment Form with their proposal ([see LCBP Grant Toolkit](https://www.lcbp.org/about-us/grants-rfps/grant-toolkit/)). This form includes a requirement to attach an audit in some cases. If a Subawardee fails to submit or complete this form their proposal may be eliminated from consideration.
5. NEIWPCC COVID-19 VACCINATION POLICY

NEIWPCC is committed to providing a working environment that keeps all staff as safe as possible and promotes the well-being of our community. All RFP applicants who may come into close contact with NEIWPCC staff are required to be [fully vaccinated](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated.html). Close contact may occur during a project with a Quality Assurance Project Plan (via a QAPP audit), during project planning meetings, during project implementation, or other occasions. While some of these may occur virtually, please note that NEIWPCC reserves the right to audit a project at any time. Applicants must be prepared to show proof of vaccination prior to any close contact with NEIWPCC staff.  Accepted proof of vaccination includes the original vaccination card, a printed copy of the vaccination card, or a digital photograph of the vaccination card. To protect confidential information, NEIWPCC will not maintain copies of these documents, and any records provided will be discarded.

In addition, NEIWPCC is committed to providing events that keep all participants as safe as possible and promote the well-being of our community. NEIWPCC requires all individuals who participate in NEIWPCC-funded events to be fully vaccinated in order to attend. Any events hosted with funding from NEIWPCC must follow this pandemic policy.

This policy also applies to the contractor’s subcontractors. All contractors applying for new work (or amending existing agreements) must be vaccinated. Go to <https://neiwpcc.org/about-us/working-with-neiwpcc/contractor-guidance/> for more information.

1. Employment tracking (does not factor into application scoring or competitiveness):
	1. If applicable, provide an estimate of the number of people and audience type that will be actively or passively engaged in the products of this grant, if awarded.
	2. Provide an estimate of the percentage (to nearest tenth) of new full-time employee positions that will be created if this grant is awarded, and the percentage of existing full-time employee positions that will be supported if this grant is awarded.
	3. Additional reporting criteria may be provided to the successful applicant upon award notification.

**V.** **Eligibility**

Eligible organizations include colleges, universities, nonprofit organizations, for-profit companies, and non-federal, non-state government agencies. The selected contractor will be responsible for the completion of all project tasks, though subcontracted work may be permitted as described in the grant application. Individuals and representatives from organizations that participated in the development or review of this RFP and its contents are ineligible to apply.

**VI. Proposal Evaluation and Selection Criteria**

Proposals received in response to this RFP will undergo an external peer review, and will be evaluated according to the following criteria:

1. Demonstrated familiarity with agricultural community in the New York portion of the Lake Champlain Basin and must demonstrate familiarity of accepted practice standards for the implemented soil-based conservation practice.
2. Proximity of identified areas to U.S. EPA listed 303d impaired waterways in New York: <https://www.dec.ny.gov/chemical/31290.html>.
3. Technical merit and applicability of the proposed product toward priorities identified in this RFP.
4. Potential for the project to enhance the technical capabilities to support phosphorus loss reduction practices within the Lake Champlain Basin. Proprietary products are not acceptable project deliverables.
5. Strength of plan to engage with traditionally underserved communities, including agricultural operations owned or operated by minorities, low-income, and tribal groups.
6. Clarity, conciseness, and adherence to the proposal guidelines.
7. Demonstrated ability to create documents and products that are accessible to and can be used by local partners working to address nutrient loading and cycling issues within the Lake Champlain Basin.
8. Appropriateness of budget and budget justification, describing how the funds awarded and how funds contributed by participating farmers will be used to produce the set of deliverables described in Section III.

**VII. Available Funds and Match Requirements**

A total of $25,000 may be made available for this project. Proposals with budgets that exceed the maximum amount identified for this opportunity will not be considered. Applicants may budget costs that are associated with the project as direct expenses, including personnel costs, travel, project supplies, meeting expenses, and subcontracts. Some allocation of project funds for indirect costs also is acceptable (see below). No in-kind or cash match is required, though match will be considered favorably during budget review and may make proposals more competitive. LCBP anticipates granting one (1) award from this RFP.

**VIII.** **Appropriate Use of Funds**

**1****)** LCBP grant funds **cannot be used** to produce for-profit products or to cover costs associated with regulatory compliance or direct fundraising efforts. LCBP grant funds also cannot be used for land purchases, endowment funds, or lobbying or legislative advocacy of any kind.

**2****)** Grant applicants are required to follow the small purchase method which is a relatively simple and informal method (procurement procedure) for purchasing supplies, equipment, and services that cost more than $10,000 and less than $250,000. This procurement procedure is applicable to proposals submitted in response to this RFP if the primary applicant is not a for-profit organization. The purpose is to ensure fair and open competition for purchases supported by LCBP/federal funding. If the applicant plans to use LCBP funding to obtain supplies, equipment or contractual services to complete its proposed workplan, then it must follow federal procurement regulations:

Procurement of supplies and services that do not exceed $10,000 may be made without soliciting competitive quotes if the price is considered reasonable.

Procurement of supplies, equipment and services that are greater than $10,000 and do not cost more than $250,000 require that the recipient obtain multiple price quotes through a documented competitive process. Good faith efforts to obtain services from disadvantaged business enterprises should also be made, including contacting the small business administration and minority business development agency to inform them about the opportunity for businesses to submit price quotes as part of the competitive process. At least three price quotes for professional services or subcontracted work must be secured. The selected item or service does not need to be the lowest cost if it does not meet your requirements, or you can otherwise demonstrate that the higher price offers the “best value.” Justification must be provided for the outcome of the bid process. This process may take place prior to the submission of a proposal for LCBP funds.

**3****)** Grant award funding may not be used for the purchase of food or beverage.

1. **Direct and Indirect Costs:**

LCBP and NEIWPCC encourage groups to budget costs that are associated with the project as direct expenses, including personnel costs, travel, project supplies, mailings, phone costs, office supplies, etc. Use of some grant funds for indirect costs is also allowable, subject to both the provisions of OMB Circular A-87 and LCBP approval. If you need further guidance, contact the LCBP or refer to [OMB Circular A-87 (Revised)](https://obamawhitehouse.archives.gov/omb/circulars_a087_2004/#atta). ***Sections D, E,*** and ***F*** of **Attachment A** provide an overview of direct and indirect costs. **For projects in response to this RFP, the indirect budget should not exceed 10% of the direct project budget, and indirect offered as match should similarly not exceed 10% of direct match contributed, unless a higher federally negotiated indirect rate is in place, and proof of that negotiated rate is provided.** The LCBP/NEIWPCC Indirect Policy can be found here: http://www.lcbp.org/about-us/grants-rfps/grant-toolkit/.

**IX. Notification of Awards**

Award notification to applicants is expected in December 2022. The award recipient may be asked to submit a workplan, timeline, and budget at this time. Project work cannot begin until a contract is signed by both parties. LCBP and NEIWPCC will not pay for expenses incurred prior to the contract start date. Payment for costs incurred will be on a reimbursement basis per the contract payment schedule and contingent upon completion of quarterly progress reports and project deliverables.

**X. Period of Performance**

Work is expected to begin in **March 2023** and is to be completed no later than **December 31, 2024**.

**XI. Schedule and Requirements for Proposal Submission**

1. Please follow the format outlined in the attached Technical Proposal Format Requirements.

2. Word-compatible electronic submissions ONLY will be accepted and must be received no later than 12pm (EST) on October 26, 2022. To apply, follow the instructions via the submission portal [at](https://form.jotform.com/213204086838153) this link . You should receive a confirmation email once your proposal is successfully submitted (please check your spam folder).

**XII. Contact Information**

Direct all inquiries prior to submission date to:

Myra Lawyer

NYSDEC Region 5

1115 State Rte 86, PO Box 296

Ray Brook, NY 12977

(518) 897-1241

myra.lawyer@dec.ny.gov

**Technical Proposal Format Requirements**

Proposals should adhere to the following format and should not exceed a 3-page maximum length (font size 12), NOT including budget information, references cited and investigator resumes, supplemental material, and letters of participation or support.

**TITLE:** Concise and descriptive.

**POINT OF CONTACT:** Name, position, organization, address, telephone, and email of the person who will be the point of contact.

**AUTHORIZED REPRESENTATIVE:** Name, position, organization address, telephone, and email of the person who is authorized to sign the contract.

**NEIWPCC’s COVID-19 POLICY:** Please confirm you have read and understand NEIWPCC’s COVID-19 policy as stated within the RFP.

**ABSTRACT:** Brief description of proposed work.

**INTRODUCTION:** Overview of the project and what it will accomplish in relation to the RFP.

**TASKS:** Describe in detail the tasks that will be performed, including methods and approaches.

**DELIVERABLES AND OUTPUTS:** Detailed description of the items that will be sent to LCBP as documentation of work completed through the award, and the elements of the projects that are not delivered to LCBP, such as outreach efforts. Quarterly progress reports and a final report (including GIS data, if applicable) are required deliverables.

**OUTCOMES:** Provide a description of the anticipated impact or change in condition (e.g., behavior or environment) that you are trying to achieve through this award. Outcomes may be short-term or long-term. If applicable, please provide an estimate of the number of people and audience type that will be actively or passively engaged in the products of this grant, if awarded. Please also provide an estimate of the percentage (to nearest tenth) of new full-time employee positions that will be created and the percentage of existing full-time employee positions that will be supported if this grant is awarded.

**SCHEDULE:** Timeline showing anticipated dates for completion of the major tasks and deliverables and outputs. Quarterly progress reports are due on the last day of December, March, June, and September. Work is to be completed within the specified performance period in the RFP.

**DETAILED BUDGET JUSTIFICATION:** Cost breakdown by major tasks and budget categories (e.g., personnel, equipment), linking costs to specific tasks/deliverables wherever possible. All costs should be rounded to the nearest whole dollar. Breakdown should show costs to be covered by the LCBP award and other sources (if applicable), as well as any match amounts and totals. No in-kind or cash match is required, though match will be considered favorably during budget review and may make proposals more competitive. (1 page, not included in the 3-page maximum total for the proposal).

**SUPPLEMENTAL MATERIALS** (not counted as part of the page limit) may be provided to demonstrate relevant products delivered or developed by the applicant team for previous opportunities.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Project Budget Example: Line Item by Task** |  |  |
|  ***Line Item*** | **Task 1** | **Task 2** | **Task 3** | **Task 4** | **Task 5** (add or remove columns as needed) | ***Line Item* *Totals* for All Tasks** | Proposed Match\* (if any) | *Line Item* *Totals* + Proposed Match |
| Personnel |  $500  |  $1,200  |  $800  |  $495  |  $1,000  |  $3,995  |  $3,000  |  $6,995  |
| Fringe |  $150  |  $360  |  $240  |  $149  |  $300  |  $1,199  |  $1,030  |  $2,229  |
| Travel |  $0 |  $100  |  $300  |  $100  |  $0 |  $500  |  $400  |  $900  |
| Supplies |  $0 |  $200  |  $0 |  $2,000  |  $500  |  $2,700  |  $1,200  |  $3,900  |
| Professional Services |  $0 |  $0 |  $0 |  $2,500  |  $0 |  $2,500  |  $1,000  |  $3,500  |
| **Total Direct** |  **$650**  |  **$1,860**  |  **$1,340**  |  **$5,244**  |  **$1,800**  |  **$10,894**  |  **$6,630**  |  **$17,524**  |
| Indirect |  $80  |  $233  |  $168  |  $655  |  $225  |  $1,361  |  $0 |  $1,361  |
| **TOTAL BUDGET** | **$730** | **$2,093** | **$1,508** | **$5,899** | **$2,025** | **$12,255**TOTALS MUST BE LCBP FUNDS ONLY | **$6,630**PROPOSED MATCH IN THIS COLUMN ONLY | **$18,885** |

\*Additional Federal funds supporting this project include $500 from an EPA grant.

**TECHNICAL REFERENCES CITED**: List all references used for the proposal. This section is not included in the maximum total pages for the proposal.

**CURRICULUM VITAE/RESUME OF PRINCIPAL INVESTIGATORS:** Include up to 3-5 references for prior work pertinent to the proposed project. Please limit to one page per investigator. This section is not included in the maximum total pages for the proposal.

**Letters of Support or Participation:** Letters of support and for participation (e.g., landowner directly involved in the project, where appropriate) are strongly encouraged, but not required.