

Section 319(h) Nonpoint Source Implementation Grant

FY2022 GRANT GUIDELINES

Information and Instructions for
Competitive Applications



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The preparation of these guidelines was financed through a grant from the U.S. Environmental Protection Agency under provisions of Section 319(h) of the Clean Water Act of 1987, as amended.

FY2022 GRANT BACKGROUND

The U.S. Environmental Protection Agency (USEPA) annually awards federal allocations from the Nonpoint Source Implementation Grant under Section 319(h) of the Clean Water Act to the Georgia Environmental Protection Division (GAEPD). The GAEPD uses a competitive process to select eligible projects for funding that best support the Georgia Nonpoint Source Program (NPSP) goals for water quality improvement and restoration.

This document is designed to help applicants understand the selection process and complete the application materials.

FY2022 Grant Timeline

- January 31, 2022: GAEPD opens the [319\(h\) Grant Application Portal](#)
- March 1, 2022: Online Application Workshop
- **April 30, 2022:** Deadline to submit applications via the [319\(h\) Grant Application Portal](#)
- Late Spring 2022: Scoring Committee reviews and scores all applications
- Summer 2022: GAEPD notifies applicants of grant award
- Fall 2022: GAEPD and grant recipients finalize project scope of work and execute contract

Online Application Workshop

The GAEPD Grants Unit will present information about the FY2022 Section 319(h) Nonpoint Source Implementation Grant at an interactive online workshop on **Tuesday, March 1 from 10:00 – 11:30 AM (EST)**. Registration information will be posted on the [GAEPD Grants web page](#). The workshop will be recorded, and all materials will be posted on the GAEPD Grants web page for viewing after the workshop. All potential applicants are strongly encouraged to attend.

Support from the Grants Unit

GAEPD staff is available to help guide applicants through the process of successfully submitting an application. Contact the FY2022 Coordinator to discuss potential project ideas or answer project-specific questions.

The best source of information in preparing an application is this manual used in conjunction with the resources found on the GAEPD website: <https://epd.georgia.gov/outreach/grants/section-319h-georgias-nonpoint-source-implementation-grant>

CONTACT INFORMATION

GEORGIA ENVIRONMENTAL PROTECTION DIVISION

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SECTION 319(h) GRANT POLICIES

Eligible Applicants

Public entities in Georgia are eligible applicants, including:

- City and county governments with Qualified Local Government Status as defined in paragraph 18 of subsection (a) of O.C.G.A. 50-8-2*
- State agencies
- Local, regional, or State authorities operating jurisdictional services and/or delivery programs
- Regional Commissions
- Resource Conservation and Development Councils
- Local and regional school systems
- State colleges and universities

*City and county governments must have Qualified Local Government Status in compliance with the requirements of the Georgia Planning Act of 1989 and the Service Delivery Strategy Law of 1997 to be eligible to execute contracts with GAEPD. The current DCA compliance report can be found at <https://apps.dca.ga.gov/LocalGovStatus/planning.asp>.

Nongovernmental entities, nonprofit organizations, watershed groups, or other entities not eligible for funding are encouraged to consider partnering with eligible public entities.

Funding Amount

The maximum federal award is **\$400,000** and up to **60%** of the total project cost. Applicants must commit to a minimum non-Federal match of **40%** of the total project cost.

Funding Period

Projects should be completed within 36 months of execution date.

Minimum Project Requirements

All projects must address nonpoint sources of pollution to improve water quality. Projects must meet three minimum requirements:

1. Implement an existing watershed-based plan that meets USEPA's Nine Elements of Watershed Planning or implement an alternative to a watershed-based plan in the form of a Summary of Nine Elements. Appendix A includes complete information about appropriate plans.
2. Locate the project in a watershed or drainage area equal in size to a 10-digit Hydrologic Unit Code (HUC-10) or smaller.
3. Commit to a minimum 40% non-Federal Match that can be accomplished through local funds, in-kind services, or other non-Federal sources.

ELIGIBLE Project Activities

Projects must specify the nonpoint sources of pollution and implement the activities best suited to address those sources, such as the following eligible activities:

- green infrastructure/low impact development best management practices
- watershed hydrology restoration, including stream restoration and hydromodifications
- urban stormwater controls not included in NPDES permits
- agricultural best management practices that address water quality and meet Natural Resource Conservation Service (NRCS) Conservation Practices standards
- septic system repairs and replacement
- education and training
- water quality monitoring that meets minimum GAEPD standards

INELIGIBLE Project Activities

- National Pollutant Discharge Elimination System (NPDES) permit requirements (including Concentrated Animal Feeding Operations, Phase I & II MS4 Stormwater Permits, Wastewater Permits, etc.) or elements mandated in a permit (i.e., mandated Watershed Assessments and/or Protection Plans)
- Watershed monitoring required under a NPDES permit
- Projects that contribute to fulfillment of consent orders and/or decrees
- Surface paving (impervious)
- Construction of wastewater infrastructure
- Water quantity/supply projects (such as reservoirs, wells, infrastructure, etc.)
- Lake dredging or aquatic macrophyte harvesting (Note: Exceptions may be made only if ALL contributing sediment sources have been corrected.)
- Incinerators for livestock disposal (Note: Composting is the preferred practice for Section 319(h) grant funding as a means of dead livestock disposal.)
- Revising existing or developing new watershed-based plans.

“ABOVE AND BEYOND” NPDES PERMIT REQUIREMENTS

Some activities recommended in a watershed-based plan may be considered eligible for funding or as match under a Section 319(h) grant if they represent efforts, approaches, or applications “above and beyond” any requirements in a NPDES permit. Congruently, grant-funded activities entered in any NPDES permit reports MAY NOT be counted as compliance. EXAMPLES:

- Add to Specified Number of Activities or Tasks Quoted in the NPDES Permit
The applicant would replace an additional 10 septic systems and would never count the additional installations (11 and up) as compliance with NPDES permit requirements in any reports.
- Propose Completely New Activities or Approaches Not Included in the NPDES Permit.

The applicant would never count the grant-funded installations or activities as compliance with NPDES permit requirements in any reports.

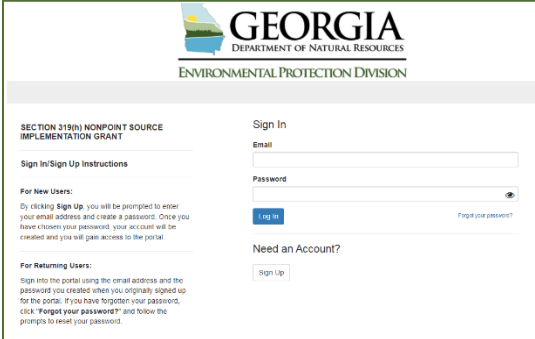
APPLICATION INSTRUCTIONS

GRANT ADMINISTRATION PORTAL

The FY2022 application and all supporting documents must be submitted online through GAEPD's 319(h) Grants Administration Portal (GAP). NO paper or email application submissions will be considered for funding. Access the 319(h) GAP online and complete five steps by April 30, 2022:

319(h) GAP LINK: <https://webportalapp.com/sp/login/gaepd-319h>

1. Create an Account
2. Create an Organization Profile
3. Complete Application Section 1: Project Description
4. Complete Application Section 2: Project Budget
5. **SUBMIT all sections and supporting attachments in the portal by APRIL 30, 2022.**



The screenshot shows the login interface for the Georgia Department of Natural Resources Environmental Protection Division. At the top, the logo and name of the department are displayed. Below this, the title 'SECTION 319(h) NONPOINT SOURCE IMPLEMENTATION GRANT' is shown. The main area contains a 'Sign In' section with fields for 'Email' and 'Password', and a 'Sign In' button. There are also links for 'Sign In/Sign Up Instructions', 'For New Users', and 'For Returning Users'. The 'For New Users' section provides instructions on how to create an account, and the 'For Returning Users' section provides instructions on how to log in.

1. CREATE AN ACCOUNT

Enter an email address and select a password to gain access to the portal.

2. CREATE AN ORGANIZATION PROFILE

Provide the requested information for the lead organization and primary contact. An "Other Contact Email" can be entered for a major project partner or consultant assisting the applicant.

3. COMPLETE APPLICATION SECTION 1: PROJECT DESCRIPTION

Project Information

Provide a project title, project start date (October 1, 2022 or later), project end date, Federal 319(h) funds requested, and non-Federal match to be contributed where indicated. Total project budget will autofill on the form.

Project Information	
Project Title *	<input type="text"/>
Project Start Date *	<input type="text"/>
Project End Date *	<input type="text"/>
Federal 319(h) Funds Requested *	\$ <input type="text"/>
Non-Federal Match to be Contributed *	\$ <input type="text"/>
Total Project Budget	\$ 0.00

Plans to be Implemented: Statewide Nonpoint Source Plan and Watershed Plans

This project will help meet which of the following goals of the Statewide Nonpoint Source Management Plan (2019)?

Select the most applicable goals from the [Statewide Nonpoint Source Management Plan](#) the project will address. Projects may meet multiple goals – select all that apply.

- Urban – Stormwater
- Urban – Septic/Onsite Sewage Disposal System
- Urban – Floodplains
- Urban – Dirt Roads
- Agriculture
- Coastal
- Wetlands
- Groundwater
- Education & Outreach
- Land Acquisition & Green Space
- Water Quality Monitoring

Plans to be Implemented: Statewide Nonpoint Source Plan and Watershed Plans	
Review the FY2022 Grant Guidelines for detailed instructions	
This project will help meet the following goals of the Statewide Nonpoint Source Plan *	
<div style="border: 1px solid #ccc; padding: 5px; min-height: 100px;"> Urban- Stormwater Urban - Septic Urban - Floodplains Urban - Dirt Roads Agriculture Coastal </div>	
<small>Click and hold Ctrl or Command key to select multiple options. Review the 2019 NPS Plan: (https://epd.georgia.gov/document/publication/georgiasstatewidenonpointsourcemanagementplan2019pdf/download)</small>	

This project will be implementing:

Select whether the project will be implementing a 9-Element Watershed Based Plan or an Alternative Summary. Additional information on plan types is available in Appendix A. Provide the full name of the 9-Element Watershed-Based Plan or Alternative Summary. Attach a file of the plan or provide link to the plan if available online.

Was this plan developed using Section 106, 604(b) or 319(h) Grant funds?

Select yes or no. The list of Georgia watershed-based plans paid for by 319(h), 604b, or 106s funds is available on the GAEPD website: <https://epd.georgia.gov/georgias-watershed-based-plans-addressing-nonpoint-source-pollution>. If using Revised TMDL Implementation Plans for Alternative Plan or Summary, please select yes.

This project will be implementing: *

☒ 9-Element Watershed-Based Plan

☐ Alternative Plan or Summary

Name of 9-Element Watershed-Based Plan *

Insert link to online copy of 9-Element Watershed-Based Plan

Attach file of 9-Element Watershed-Based Plan

+ Select a file

?

Was this plan developed using Section 106, 604(b) or 319(h) Grant funds? *

List of Georgia watershed-based plans paid for by 319(h), 604b, or 106 funds: <https://epd.georgia.gov/georgias-watershed-based-plans-addressing-nonpoint-source-pollution>

☐ Yes

☐ No

Project Goals and Background

Project Goals and Background

Enter text to explain how this project will implement the watershed plan and its goals. Include background and reasons for water quality impairments.

Describe what objectives the project will specifically target and how those objectives will be accomplished. This section must specifically name the impaired waterbodies from the [2020 305\(b\)/303\(d\) List of Waters](#), identify the nonpoint sources of pollution to be addressed, and clearly articulate the activities designed to prevent, control and/or abate those sources.

Reference the watershed-based plan or Summary of Nine Elements being implemented and describe how the project will apply plan recommendations to reduce nonpoint source pollution or implement the Total Maximum Daily Load Report (TMDLs), or protect unimpaired, healthy waters during the grant period. Include the impairment(s) being addressed; the project location; the number, type, and approximate size of each BMP structure; and preliminary outreach or follow-up educational activities.

Explain in a clear and concise manner why the project is needed, the scope of the problem and/or current condition of the targeted waterbody. Describe how and to what degree implementing this project will address the root cause stressors/sources of the problem. Reference supporting documents or materials that demonstrate the need for the proposed project as attachments at the end of the Application Section 1 or include a link to online materials in this text box.

Briefly introduce the organizations, agencies, individuals, and local non-profit watershed groups that have impacted and/or are committed to the project. Summarize the history that led to their interest or influence in developing project goals. More detail regarding partner participation should be included in Roles and Responsibilities of Participating Organizations.

Briefly describe continuing multi-phase strategies or on-going nonpoint source management activities supported by this project proposal, whether they represent an effort by the applicant or another party. Be clear if previous phases of this proposed project were funded by Section 319(h) Grants. Describe past work performed within the watershed to address existing impairments (specify a certain time period) and how the proposed project will build upon that work. Explain how the proposed project will support and/or coordinate with other programs in order to leverage efforts across the watershed as well as across jurisdictional boundaries.

Include local administrative and/or managerial mechanisms that will prevent and/or correct the adverse hydrologic impacts of increased impervious surfaces in a watershed. Applications must propose to develop and/or implement items such as stream buffer requirements wider than state minimums; local or regional low-impact development or quality growth ordinances; natural resource conservation and/or open space plans; impervious surface limits; stormwater or other nonpoint source utilities; or other mechanisms that will ensure long-term success by minimizing the potential impacts of future hydrologic modifications.

Describe any environmental benefits the proposed project may produce in addition to managing nonpoint sources of pollution. Examples include, but are not limited to: environmental justice, climate change adaptation, water or energy conservation, and habitat connectivity.

Project Goals and Background
Review the [FY2022 Grant Guidelines](#) for detailed instructions
Project Goals and Background *

This field is required

Explain how this project will implement the watershed plan and its goals. Include background and reasons for water quality impairments.

Project Activities and Tasks

Project Activities with Individual Tasks, Deliverables, and Measures of Success

Enter text to describe each Project Activity with individual tasks for the project. Include deliverables and measures of success for each task. A single Project Activity can have multiple Tasks.

Project Activity: Identify the activity to be accomplished

Task #: Describe in detail the specific tasks necessary to complete each activity using available resources and provide quantifiable information where appropriate. Number Tasks in continuous sequence (1, 2, 3, 4, 5, 6, etc.) and correlate Tasks directly to the Project Budget and Schedule. Multiple Tasks may be included under a single Project Activity.

Deliverables: Identify all items that will be delivered as a result of each task. Provide quantifiable information where appropriate. Examples of deliverables include but are not limited to: operation & maintenance manual (O&M), attendance sign-in sheets subcontract, permit, design specification, map, report, pictures, educational materials (brochure, video, etc.), and signage.

Measures of Success: Describe the evaluation criteria that will be applied to each task to assess the appropriateness and effectiveness in accomplishing the activity. Criteria should target both quantifiable and qualitative results. See Appendix B for additional information.

If the proposed project is installing structural Best Management Practices (BMPs) for Urban, GI/LID, Agricultural, or Septic, the following standard language must be included in Project Activities and Tasks for the specific BMP types.

Project Activity: Operations and Maintenance of Structural BMPs for Urban and GI/LID BMPs

Task #: Operate and maintain structural BMPs for the expected lifespan of the practice and in accordance with commonly accepted standards to ensure the proper functioning of the system as designed. Records of inspections and BMP maintenance will be kept and be made available for review upon request. This provision will survive the expiration of this contract.

Deliverables: Documentation of provisions (O&M Manual, Inspection Schedule, SOP) for structural Best Management Practices (BMPs) operations and maintenance

Measures of Success: Properly functioning BMP

Project Activity: Operations and Maintenance of Agricultural BMPs

Task #: Operate and maintain agricultural BMPs according to the Conservation Management Plan or Comprehensive Nutrient Management Plan as required by NRCS. This provision will survive the expiration of this contract.

Deliverables: Signed and dated Conservation Management Plan or Comprehensive Nutrient Management Plan

Measures of Success: Properly functioning BMP

Project Activity: Education for Operations and Maintenance of Septic Systems

Task #: Develop and distribute educational materials regarding proper inspection frequency and maintenance procedures to all homeowners receiving septic pump-out, repair, or replacement under this project.

Deliverables: Educational materials on O&M of on-site disposal systems

Measures of Success: Properly functioning BMP

Project Activity: Estimate load reductions using STEPL or other acceptable models.

Task #: Develop load reduction model outputs on each BMP for sediment, phosphorus & nitrogen.

Deliverables: Load reduction reports for each BMP installed.

Measures of Success: Model outputs show sediment, phosphorus, and nitrogen load reductions.

All projects need to include the following Project Activities and Tasks:

Project Activity: Identification of Documents and Projects

Task #: All construction or demonstration projects, reports, maps, signage and other products completed under this Scope of Work shall carry the following notation on a conspicuous sign, or the front cover, or a title page:

The preparation of this [project deliverable] was financed in part through a grant from the U.S. Environmental Protection Agency under the Provisions of Section 319(h) of the Federal Water Pollution Control Act, as amended. Environmental Protection Division of the Department of Natural Resources, State of Georgia, Month and Year (date item was produced).

Deliverables: Identification for each project or product.

Measures of Success: All products and signage include required identification language.

Project Activity: Project Reporting and Evaluation

Task #: Prepare and submit quarterly invoices and status reports by the 15th of January, April, July, and October throughout the project term using the template provided by GAEPD for inclusion in the USEPA Grants Reporting and Tracking System.

Deliverables: Invoices and status reports

Measures of Success: Reports submitted on time; Documentation of progress and expenditures according to Project Schedule

Task #: Participate in project review meetings with GAEPD. In the first year of the project term, project review meetings will be held six months and twelve months after the project start date. In all subsequent years of the project term, project review meetings will be held annually.

Deliverables: Attendance at meetings; Verbal or written responses to GAEPD

Measures of Success: Full participation at all project review meetings

Task #: Submit Final Invoice and Closeout Report using template provided by GAEPD for inclusion in the USEPA Grants Reporting and Tracking System within 60 days of contract term

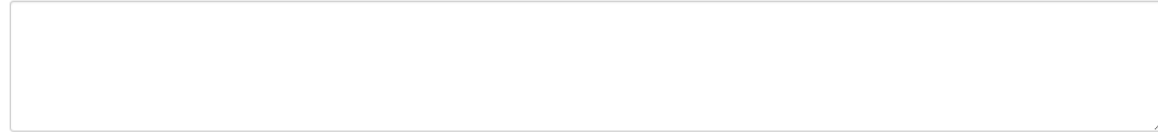
Deliverables: Final Invoice and Closeout Report

Measures of Success: Final Invoice and Closeout Report documenting completion and evaluation of project activities on schedule and within budget.

Project Activities and Tasks

Review the [FY2022 Grant Guidelines](#) for detailed instructions

Project Activities with Individual Tasks, Deliverables, and Measures of Success *



Describe each Project Activity with individual tasks for the project. Include deliverables and measures of success for each task. See Grant Guidelines for details and examples of common project activities and tasks.

Roles and Responsibilities of Participating Organizations

Lead Organization

Describe the roles and responsibilities of the lead organization and how much will be contributed as match, if appropriate. Include list of Tasks that lead organization will manage or implement.

Is the lead organization certified as a WaterFirst Community?

Select Yes or No. The WaterFirst program is managed by the Georgia Environmental Finance Agency (GEFA). Program specifics and list of WaterFirst designated communities are available on the GEFA website: <https://gefa.georgia.gov/waterfirst>.

Partner Organization(s): Roles + Responsibilities

Include details for all partner organizations, invited organizations, and stakeholders, clearly delineating the duties and accountabilities assigned to each. Identify whether they intend to serve as general stakeholders or in a more committed capacity. Include all time, services or resources that each intend to contribute as match (cash or in-kind) to the project and provide detailed descriptions of the different expectations of each. Assigned roles can include project coordinator, technical expert, member of steering / advisory committee, and/or general stakeholder who attends infrequent outreach or educational events to learn about and comment upon the project.

Do you have letter(s) of commitment from partner organization(s) that quantify match value?

Select Yes or No. Letters of commitment must include quantified match, not simply letters of support for the project.

Roles and Responsibilities of Participating Organizations

Review the [FY2022 Grant Guidelines](#) for detailed instructions

Lead Organization Name: Roles + Responsibilities *

Is the lead organization certified as a WaterFirst Community? *

View list of certified communities at: <https://gefa.georgia.gov/waterfirst>

☐ Yes
☒ No

Partner Organization(s): Roles + Responsibilities *

Do you have letter(s) of commitment from partner organization(s) that quantify match value? *

☒ Yes
☐ No

Attach Letter of Commitment (Letter must include quantified match value)

It is recommended all letters be merged into a single PDF file.

+ Select a file

?

Attach Letter of Commitment (Letter must include quantified match value)

+ Select a file

?

Project Location

Enter street address, city or cities, county or counties and latitude (decimal degrees) and longitude (decimal degrees) coordinates. Enter or select N/A if the exact project location is not available. If there are multiple project locations, enter “multiple” in these boxes and include all locations in the “Project Area Description” text box.

Project Area Description

Describe proposed project area. Include major tributaries and rivers or waterbodies with stream miles, lake or wetland acreage, distance to 303(d)/305(b) listed waters, and other relevant geographic information such as cities, county lines, roads, or other significant cultural landmarks such as parks or other green space. For urban BMPs, describe the watershed area upstream that drains to the BMPs for treatment and location of BMPs in relation to 303(d)/305(b) listed waters.

Project Area Map

Attach a file of a map. Be sure the entire project area is depicted on one map, even if the project will take place in two or more sub-watersheds.

Project Location

Street Address or Closest Intersection (if not available, enter N/A) *

City or Cities (if not available, enter N/A) *

County or Counties *

N/A

Apppling County

Atkinson County

Bacon County

Baker County

Baldwin County

Click and hold Ctrl or Command key to select multiple options.

Latitude (decimal degrees)

Longitude (decimal degrees)

Project Area Description *

Describe the proposed project area, including stream miles, lake or wetlands acreage, major tributaries, distance from impaired segments, etc. Please see Guidelines for additional information.

Project Area Map *

+ Select a file

?

Watershed Information

Hydrologic Unit Codes (HUCs) are sizing units that delineate watershed boundaries. Additional information and geospatial data about watersheds (e.g. 8-digit HUC boundaries, rivers and streams in a watershed, land characteristics, river corridor and wetlands restoration efforts, index of watershed indicators, etc.) may be accessed through the following websites:

- USEPA How's My Waterway: <https://mywaterway.epa.gov/>
- USEPA WATERS GeoViewer: <https://www.epa.gov/waterdata/waters-geoviewer>
- USGS StreamStats: https://www.usgs.gov/mission-areas/water-resources/science/streamstats-streamflow-statistics-and-spatial-analysis-tools?qt-science_center_objects=0#qt-science_center_objects
- USGS National Hydrography Dataset (NHD): <https://www.usgs.gov/national-hydrography>

USDA Geospatial Data Gateway: <https://gdg.sc.egov.usda.gov/>

Provide the following details for the watershed:

HUC# (HUC12 or HUC10)

Watershed Name

Size of Watershed(s) or Drainage Area (Acres): Total area that drains to BMPs

Size of Project Area: Total size of BMPs

Is the watershed a Priority Watershed on GAEPD's 2015 Priority Watershed List?

Select yes or no. A map and list of Priority Watersheds is available in Appendix D.

<p>Watershed Information</p> <p>HUC# (HUC12 or HUC10) *</p> <input type="text"/> <p><small>Enter numeric digits of a single HUC12 or HUC10</small></p> <p>Watershed Name *</p> <input type="text"/> <p>Size of Watershed(s) or Drainage Area (Acres)</p> <input type="text"/> <p>Size of Project Area (if not entire watershed)</p> <input type="text"/> <p>Is the watershed a Priority Watershed on EPD's 2015 Priority Watershed List? *</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p>Will the project be located in more than one watershed? *</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Yes</p>
--

Nonpoint Source Pollution Impairments and Healthy Waters

Provide details for each item. All required information can be found on [Georgia's 2020 Section 305\(b\)/303\(d\) List of Waters](#). Include only those listed segments within the project area that will be directly targeted by project activities. These segments should also be referenced in the Project Goals and Background.

Reach Name

Reach ID# Begins with GAR#####

Reach River Basin

Reach Assessment

Category

Reach Source of Impairment

Reach Cause

TMDL Title - List of [Final Total Maximum Daily Loadings \(TMDLs\)](#) is available on the GAEPD website.

Year of TMDL – Please refer to the “Notes” column of the Georgia's 2020 Section 305(b)/303(d) List of Waters for the year.

Nonpoint Source Pollution Impairments and Healthy Waters

All required information can be found on Georgia's 2020 [Section 305\(b\)/303\(d\) List of Waters](#)

Reach Name

Reach ID#

Begins with GAR#####

Reach River Basin

Please hold Ctrl or Command to select multiple options.

Reach Assessment

Category

Reach Source of Impairment

CSO - Combined Sewer Overflow

I1 - Industrial Point Source Discharge

I2 - Industrial Site Runoff

M - Municipal Point Source Discharge

NP - Nonpoint Source

UR - Urban Runoff

Click and hold Ctrl or Command key to select multiple options.

Reach Cause

As - Arsenic

Algae - Objectionable Algae

Bio F - Biota Impacted (Fish Community)

Bio M - Biota Impacted (Macroinvertebrate Community)

Cd - Cadmium

Click and hold Ctrl or Command key to select multiple options.

TMDL Title

View list of Final Total Maximum Daily Loadings (TMDLs): (<https://epd.georgia.gov/watershed-protection-branch/total-maximum-daily-loadings/final-total-maximum-daily-loadings-tmdls>)

Year of TMDL

Grant Project Schedule & Attachments

Attach the Microsoft Excel file of the completed [Grant Project Schedule](#) template. The Grant Project Schedule outlines the expected execution of tasks, state and federal reporting requirements, expenditure of funds and accumulation of match. Follow the instructions on the first tab of the Template and be sure to include the full duration of the project divided into quarters that progress consecutively from Quarter #1 to Quarter #12.

Project Attachments

Include any attachments that help describe or strengthen project objectives, such as additional maps, specific BMP designs, research studies, photographs, field surveys, or water quality data.

Project Acknowledgements

All applicants must acknowledge the following statements:

- I attest all proposed activities represent tasks “above and beyond” any NPDES permit requirements.
- I attest to have read and followed the FY2022 Grant Guidelines document in its entirety.

Project Schedule & Attachments
[Click here for Project Schedule Template](#)
Project Schedule *
Valid file extension xlsx only.

+ Select a file

?

Would you like to add additional attachments? *

☐ Yes

☒ No

Project Acknowledgements
By checking these boxes, I attest

☐ All proposed activities represent tasks “above and beyond” any NPDES permit requirements

☐ To have read and followed the FY2022 Grant Guidelines document in its entirety.

4. COMPLETE APPLICATION SECTION 2: BUDGET

Enter dollar amounts for 319(h) Grant Funds and Non-Federal Matching Funds for each budget category. All fields are required; enter \$0.00 or N/A for any field not applicable to the project. Category totals, Project totals, and Project percentages will display automatically in the application.

Description and Narrative Justification

Include a description and justification for each budget category. Budget expenditures should relate directly to Project Activities and Tasks described in the application. For example, if GIS software is listed under the Supplies line item, there must be a Project Task that requires the use of GIS software. Enter N/A for any category not applicable to the project

Project Budget

A minimum 60:40 match must be demonstrated.
Enter \$0.00 or N/A for any field not applicable to the project.

A. Personnel

A. 319(h) Grant Funds (Personnel) *

\$

A. Non-Federal Matching Funds (Personnel) *

\$

A. Total Personnel

\$ 0.00

A. Personnel Description and Narrative Justification *

Include names, titles, FTE amount, description of duties. If total category amount is \$0.00, enter N/A in this box.

Item A - Personnel:

Include a summary of responsibilities and duties of staff on Lead Organization payroll as related to Project Activities and Tasks for each position cited. Include percentage annual full-time equivalent (FTE) salary (dollar amount) and number of years assigned to project. Describe skills, experience and qualifications of each individual that show them to be capable of performing the associated Tasks.
EXAMPLE: One (1) Staff Position - 0.05 FTE (\$80,000/year) for 3 years

Item B - Fringe Benefits

Include position on Lead Organization Payroll (not subcontractors), percentage of FTE, at fringe benefit rate applied, and number of years assigned to project. EXAMPLE: One (1) Staff Position - 0.05 FTE at 34% for 3 years Fringe Benefits. Provide Fringe Benefit rate for any payroll staff listed in Line Item A.

Item C - Travel

Include position, purpose, total mileage estimated for project, and most current Georgia mileage rate <https://sao.georgia.gov/travel/state-travel-policy>. Clearly link Personnel to the purpose of travel and correlate travel budget items with a specific project activity and task. Out-of-state travel must be pre-approved by GAEPD based on reason for travel and cost.

Item D – Equipment

Include description, purpose, or use. The term “Equipment” applies only to single items with a useful life of more than one (1) year and an acquisition cost equal to or greater than \$5,000 per item. All equipment budget items and costs must be itemized separately and associated with a specific activity and task. If available, provide product descriptions, specifications, or actual quotes.

Item E – Supplies

Include item or category of items (administrative, printing, etc.), purpose, or use. Supplies are items estimated to cost under \$5,000 and/or with less than one (1) year of use/shelf life. Explain how Supply items or categories support actual project activities and tasks. Combine items and expenses into categories (administrative, printing, etc.) when each category totals less than \$2,000. Break down categories of Supplies into individual items if collective total is more than \$2,000 per category.

Item F – Contractual

Include sub-contractor name (only if currently under contract – must have been procured using procedure consistent with State Procurement Practices), and services or products related to project. Contractual budget items represent formal financial relationships between the lead organization and subcontractors. Insert a detailed budget breakdown for each Contractual item equal to or greater than \$30,000. As appropriate, describe service or job specifications and contractor qualifications required to accomplish the related project activities and tasks. If available, attach a copy of job announcement/RFP or solicitation to the application.

Item G – Other

Include volunteer hours, donated services for match. Other Narrative Justification (G): Other budget items and costs must be itemized separately. Items allocated to this Line Item include in-kind volunteer contributions to match. Specify expenses (either dollar amount or percentage of totals) allocated to the project that are eligible for federal reimbursement or match. Software subscription services and cell phone services should also be included as “other.”

Item H - Indirect Charges

Include Federally-approved indirect cost rate - Indirect Cost Rates proposed by the applicant must be certified by either a federal review or audit procedures. The certificate, along with supporting documentation, must be submitted with the application. Any non-Federal entity that does not have a federally negotiated indirect cost rate may elect to charge a “de minimis” rate of 10% of modified total direct costs (MTDC). Indirect costs are those that have been incurred for common or joint purposes. Indirect costs include costs which are frequently referred to as overhead expenses (for example, rent and utilities). Typical examples of indirect costs may include general administration of the non-Federal entity, accounting and personnel services performed within the non-Federal entity, depreciation on buildings and equipment, the costs of operating and maintaining facilities. Indirect Costs are reimbursable with federal funds or can be applied to local match.

Budget Acknowledgements

All applicants must acknowledge the following statements:

- I attest all match contributions are from non-Federal sources and do not overlap any current or future projects.
- I attest to comply with [2 CFR 200 Uniform Guidance](#) and [48 CFR 31](#) (as applicable).

TOTAL 319(h) Grant Funds	
\$	150,000.00
TOTAL Non-Federal Matching Funds	
\$	150,000.00
PROJECT TOTAL: 319(h) Grant Funds + Non-Federal Matching Funds	
\$	300,000.00
% 319(h) Grant Funds (maximum 60%)	
	50.00
% Non-Federal Matching Funds (minimum 40%)	
	50.00

Budget Acknowledgements

By checking these boxes, I attest *

- ☒ All match contributions are from non-Federal sources and do not overlap any current or future projects.
- ☒ To comply with 2 CFR 200 Uniform Guidance and 48 CFR 31.2 (as applicable)

**5. SUBMIT ALL SECTIONS AND SUPPORTING ATTACHMENTS IN THE PORTAL BY
APRIL 30, 2022.**

Remember to click the green 'Submit' button to submit the completed application. Please note that once submitted, the application will no longer be able to be edited.

Application

When both Project Description and Budget steps are complete, click 'Mark Complete' on each.
The page will refresh and the "Submit" button to the right will become green and clickable.
Click 'Submit'.
Your application is not fully submitted until you click the green "Submit" button. Once you click "Submit", you will not be able to edit the application.
During the review process, GAEPD staff may change the status of your application to open the application or budget for edits. You will receive an email with the details for the edit.

Application Section 1: Project Description

Complete

Edit

Application Section 2: Budget

Complete

Edit

Submit

SCORING CRITERIA

All eligible projects will be scored by a review committee made up of GAEPD and USEPA staff based on criteria established in compliance with GAEPD and USEPA rules and guidelines. Responses from the application will be evaluated and given a numeric score based on the criteria outlined in this section. The projects with the highest total scores will be awarded based on funding availability.

APPLICATION SECTION 1: PROJECT DESCRIPTION

Plans to be Implemented: Statewide Nonpoint Source Plan and Watershed Plans

- How many goals of the Statewide Nonpoint Source Management Plan will the project support?

Project Goals and Background

- How well does the application explain why the project is needed, the scope of the problem and/or current condition of the targeted waterbody?
- How well does the project support a watershed management approach? Will the project leverage regional strategies or other nonpoint source management activities within the watershed and across jurisdictional boundaries?

Project Activities and Tasks

- How well will the project implement structural and/or nonstructural best management practices recommended in a watershed-based plan that will lead to measurable (i.e., quantitative) improvements in water quality?
- How well are the proposed activities supported by the Watershed Plan or Summary?
- Will project activities achieve results beyond water quality improvements? Additional points may be given for activities that specifically address:
 - Environmental Justice
 - Climate Change Adaptation
 - Water Conservation
 - Energy Conservation
 - Habitat Connectivity
- Does the project include activities that prevent or correct the adverse hydrologic impacts of increased impervious surfaces? To receive points for this measure, the application must propose to develop and implement items such as local or regional development ordinances, stream buffer protections wider than State minimums, or other local mechanisms to ensure long-term success in minimizing the potential future impacts of hydrological modifications.
- Does the project propose to implement activities identified in Regional Water Plans?

Measures of Success:

- How well does the application describe measures of success related to the tasks and/or deliverables? Are these measures of success quantifiable and measurable?

Lead Organization

- Is the lead organization designated as a WaterFirst Community?
- Has the lead organization demonstrated the ability to properly administer previous GAEPD grants? Successful administration includes, but is not limited to:
 - Completing all project activities during the contract period
 - Meeting all required deadlines
 - Completing the project on time and on budget
 - Expending all grant funds requested on project activities
 - Providing adequate documentation as requested by GAEPD

(Applicants who have not successfully administered previous federal grant-funded projects may receive a reduction in points during application review.)

Partner Organization(s): Roles + Responsibilities

- Does the applicant partner with a local nonprofit watershed group that was established prior to the submittal of the application?
- How many partners provided letters of commitment describing activities or resources they will be contributing to the project and the dollar values of their donations?

Project Location

- Will the project be located in a GAEPD Priority Watershed?
- Will the project be located in any of the 24 coastal counties to support *Coast Long-Term Goal 3, Activity 1* of the *Statewide Nonpoint Source Plan*?

Nonpoint Source Pollution Impairments and Healthy Waters

- Will the project implement measures to address water quality impairments for Category 4a or Category 5 listed waterbodies on [Georgia's 2020 Section 305\(b\)/303\(d\) List of Waters](#)?
- Will the project implement measures to protect water quality for Category 1 (supporting) waterbodies on [Georgia's 2020 Section 305\(b\)/303\(d\) List of Waters](#)?
- Does the project directly address any of the following causes of impairment?
 - Pathogens (ex. Fecal coliform)
 - Sediment
 - Nutrients (Nitrogen, Phosphorus)
 - Low Dissolved Oxygen (excluding caused by nutrients)

APPLICATION SECTION 2: BUDGET and Narrative Justification

- How well does the project demonstrate cost effectiveness? Do the budget and narrative sufficiently detail how the funds will be spent?
- Are the line-item total expenses (319(h) Funds Requested + Non-Federal Match) reasonable?
- Does the project commit to a Non-Federal match of 50% or higher?
- Does the project leverage existing water quality efforts within the watershed?

APPENDIX A - 9-Element Watershed-based Plans and Alternative Summary of Nine Elements

All Section 319(h) grant projects must implement either an Existing Watershed-based plan that meets USEPA's Nine Elements of Watershed Planning or an Alternative Summary of Nine Elements.

9-Element Watershed-based Plans

Nearly 100 watersheds in Georgia have approved 9-Element Watershed-based Plans funded by GAEPD using Section 319(h) and/or Section 106 funds. These plans are available for review and download on the GAEPD website: <https://epd.georgia.gov/georgias-watershed-based-plans-addressing-nonpoint-source-pollution>. 9-Element Watershed-based Plans meet the criteria developed by USEPA and include the nine elements of watershed planning as outlined:

USEPA NINE ELEMENTS OF WATERSHED PLANNING

ELEMENT (A): IDENTIFICATION OF POLLUTANT & IMPAIRMENT CAUSES & SOURCES

- The plan identifies the pollutant causes and sources that will need to be managed to achieve the load reductions identified in a TMDL, or elsewhere in the plan.
- The plan addresses the causes and sources of other water quality, environmental, natural resource or stakeholder issues and concerns that are not addressed by a TMDL; but, may be problematic and are documented with supporting claims, studies, water quality data or other evidence.

ELEMENT (B): POLLUTANT LOAD REDUCTION ESTIMATES EXPECTED FROM BEST MANAGEMENT PRACTICES (BMP)

- The plan documents load reductions needed to achieve a TMDL.
- The plan describes a reasonable approach to estimate pollutant load reductions and includes assumptions and limitations.
- The plan estimates expected potential load reductions from BMP for each pollutant cause or source, or groups of similar sources that need to be managed.

ELEMENT (C): NONPOINT SOURCE (NPS) BEST MANAGEMENT PRACTICES (BMP) & CRITICAL TARGET AREAS FOR BMP INSTALLATION

- The plan provides recommended locations where potential BMPs may be implemented.
- The plan identifies potential BMPs to be installed in "critical" NPS loading areas.

ELEMENT (D): FINANCIAL & TECHNICAL ASSISTANCE TO IMPLEMENT BMP, ASSOCIATED COSTS & SOURCES OF FUNDS

- The plan identifies sources and amounts of the funding that will be needed to implement the BMP.

- The plan identifies authorities and technical assistance that will be relied upon to implement the BMP.

ELEMENT (E): EDUCATION & OUTREACH TO ENCOURAGE PUBLIC PARTICIPATION IN PLAN IMPLEMENTATION

- The plan provides an information/education component that will enhance public understanding of the plan and encourage their early and sustained participation in project development and plan implementation.

ELEMENT (F): BMP IMPLEMENTATION SCHEDULE

- The plan provides a reasonably expeditious schedule for implementing Best Management Practices (BMP) in (C) above.

ELEMENT (G): INTERIM MILESTONES TO DETERMINE PROGRESS OF BMP IMPLEMENTATION

- The plan provides a list or description of interim milestones for determining progress of NPS management practices or whether BMP are being implemented.

ELEMENT (H): SET OF CRITERIA TO MONITOR AND ASSESS BMP

- The plan describes a set of criteria, including water quality monitoring as well as hydrological, environmental, economic and social impacts, to determine whether pollutant controls or management practices are achieving loading reductions over time.
- If substantial progress is not being made towards attaining water quality standards, the plan includes a provision that uses the established criteria to determine:
 - o Whether improvements or adjustments need to be made to existing BMPs; or
 - o Whether new BMPs need to be added to replace existing BMPs.

ELEMENT (I): COMPONENT TO DETERMINE PLAN IMPLEMENTATION EFFECTIVENESS

- The plan provides a component to evaluate the effectiveness of efforts to implementation the plan over time measured against the criteria established under item (H).
- The evaluation component can also be applied to determine
 - o Whether the watershed-based plan needs to be revised; or
 - o Whether the NPS TMDL needs to be revised, if a NPS TMDL has been established.

Alternative to a watershed-based plan in the form of a Summary of Nine Elements

If a watershed-based plan does not exist, the applicant may create a new, separate document – a Summary of Nine Elements – that includes the name of the applicant’s project in the title. The Summary will consist of headings that correlate with the USEPA Nine Elements of Watershed Planning and content that appropriately addresses each of the elements. The content can be excerpted from multiple planning documents, should focus on a HUC-10 watershed scale or smaller, and should support the applicant’s project proposal.

The following options are recognized as the basis for an acceptable alternative to watershed-based plans and the foundation for a Summary of Nine Elements:

- [Total Maximum Daily Load \(TMDLs\) Reports](#)
- [TMDL Implementation Plans](#)
- watershed protection plans
- stormwater management plans
- source water protection plans
- watershed studies and data reports
- other water resource management documents.
- [Georgia's eleven \(11\) Regional Water Plans](#) – select excerpts that narrow the focus to a HUC-10 or smaller watershed. Specify the coded sections (WW, WQ, etc.) of the Regional Water Plan that reference the practices. Outline how the Water Planning Council will make the materials and methods developed through the project available to communities in the region for water quality protection and improvement.

Plans “In Progress”

If a Watershed Based Plan or Summary of Nine Elements is “in progress” at the time of application, then the plan or Summary should at least be in “draft” form or scheduled to be completed within six months of the application submittal. Final contracts will not be awarded until the plan or Summary of Nine Elements is completed and approved by GAEPD.

APPENDIX B - MEASURES OF SUCCESS

The Measures of Success are critical components of a competitive project application. They provide the criteria (what and how) to determine if project tasks are being accomplished to achieve the Project Goals. The Measures of Success also demonstrate that an applicant has a clear understanding of the expected efforts and results involved with each Task.

When developing the Project Activities, identify the criteria that will demonstrate the successful outcome of each specific Task, and determine how to track those criteria. These criteria should include both qualitative and/or quantitative measures as appropriate. For certain BMP implementation Tasks, the Measures of Success will be numeric, e.g. expected load reductions from primary and secondary pollutants. In addition, tracking those load reductions will involve modeling to get numeric values. For other projects, the Measures of Success will require more creativity and thought. For example, generally accepted for educational outreach Tasks would be improved understanding of nonpoint source pollution issues throughout the watershed. One way to track that change in behavior or knowledge might be to conduct an educational survey before and after information or instruction materials are disseminated or workshops are conducted.

Examples of Measures of Success

BMP Implementation

- Number of landowners contacted
- Number of projects contracted (percentage of target)
- Percentage of watershed affected by project
- Number of completed BMPs in accordance with appropriate specifications
- Estimate of load reductions for nitrogen, phosphorus and sediment
- Estimate of water quality and other environmental benefits above and beyond load reductions (based on modeling and/or monitoring)
- Number of field days/workshops/etc. and number of participants

Education and Outreach

- Number and description of educational materials produced and distributed
- Percentage of watershed population affected by project
- Attendance at workshops/meetings/classes by target audience (to be demonstrated through sign-in sheets, agendas, etc.)
- Improvement in water quality knowledge (based on survey or test results)
- Number of Continuing Education credits earned
- Creation of/Participation in Adopt-A-Stream or other volunteer groups
- Number of field days/workshops/etc. and number of participants

Technical Assistance

- Number/Percentage of participating local governments and other relevant stakeholders

- Extent of assistance performed (i.e. number of ordinances developed/implemented; workshops held and attendance; plans completed; etc.)

BMP Demonstration for New Technology Only

- Number of installed BMPs
- Effectiveness of BMP(s) in reducing primary and secondary pollutants
- Number of field days/workshops and number of participants

Regulatory Development

- Number of ordinances developed/implemented/supported

APPENDIX C - NON-FEDERAL MATCH

WHAT IS LOCAL MATCH?

Local match is a financial commitment related to the federal dollar amount requested and is required as part of a Section 319(h) Grant contract to implement the project. The applicant and project partners identify budget expenses that will be contributed as match in local dollars or in-kind services/resources when submitting the initial project application.

HOW MUCH LOCAL MATCH IS REQUIRED?

A minimum 40% of the total project cost is the required local match for all Georgia Section 319(h) grant competitive projects. Local match of 50% or above will receive additional points in the application review and scoring process.

WHAT CAN BE USED AS LOCAL MATCH?

Local match must be from non-federal sources and may be in cash or in-kind services/resources applied to a specific project. Match items **MUST** be eligible for federal dollars. Any items that do not qualify for federal funds may not be counted as match.

CASH MATCH: Cash contributed specifically to cover the actual costs of the project.

IN-KIND MATCH: Contributions made directly in the form of services, resources or goods with dollar value specified to implement the project. These amounts must be:

1. Verifiable (see section below regarding tracking local match commitments);
2. Directly related to accomplishing project activities and tasks;
3. Not already counted as match for another project funded by federal grants;
4. Allowable as federal grant funds under the applicable cost principles. See [Title 2 CFR Part 200](#) and [Part 1500](#), effective December 26, 2014.

HOW DO I TRACK LOCAL MATCH CONTRIBUTIONS?

Local cash or in-kind match must be fully documented and consistent with the Project Schedule outlined in the grant contract:

1. Local match contributions must be tracked on a quarterly basis along with invoicing for federal funds and progress reports;
2. Match contributions must be entered into the lead organization's accounting records and be auditable from those records (i.e. type, quantity, value of contribution, date of contribution, signature of contributor/partner organization);
3. When recording in-kind match, accounting records must show how the value placed on the match was derived (i.e. number of volunteer or personnel or meeting space hours and hourly rate for each, etc.);

4. Volunteer hours and services must be documented to the extent feasible.

HOW DO I CALCULATE THE VALUE OF IN-KIND MATCH?

The in-kind match value must not exceed fair market cost or rental rates.

DONATED SERVICES

Actual Salaries, Wages or Fees

Actual salaries, wages or fees contributed for match only count if the individuals are performing the same work in support of the project for which they are employed or charge compensation. In this case, the value of fringe benefits and overhead costs associated with the donated time can also be applied to match. Otherwise, the value of donated time must be computed at the “volunteer” rate paid for the work performed. In other words, lawyers, engineers, planners must base donated time on “volunteer” rates if they are removing tires from a stream. However, if they donate their professional services to support the project, they can compute the match based on their normal fee structures.

Volunteer Contributions

Volunteer time/services donated to the project must be valued at rates consistent with standard wages, fees or compensation ordinarily paid for similar work/services in the same labor market. Rates for volunteer services can be found on the following websites:

- <https://explorer.gdol.ga.gov/vosnet/Default.aspx>
- www.independentsector.org/volunteer_time

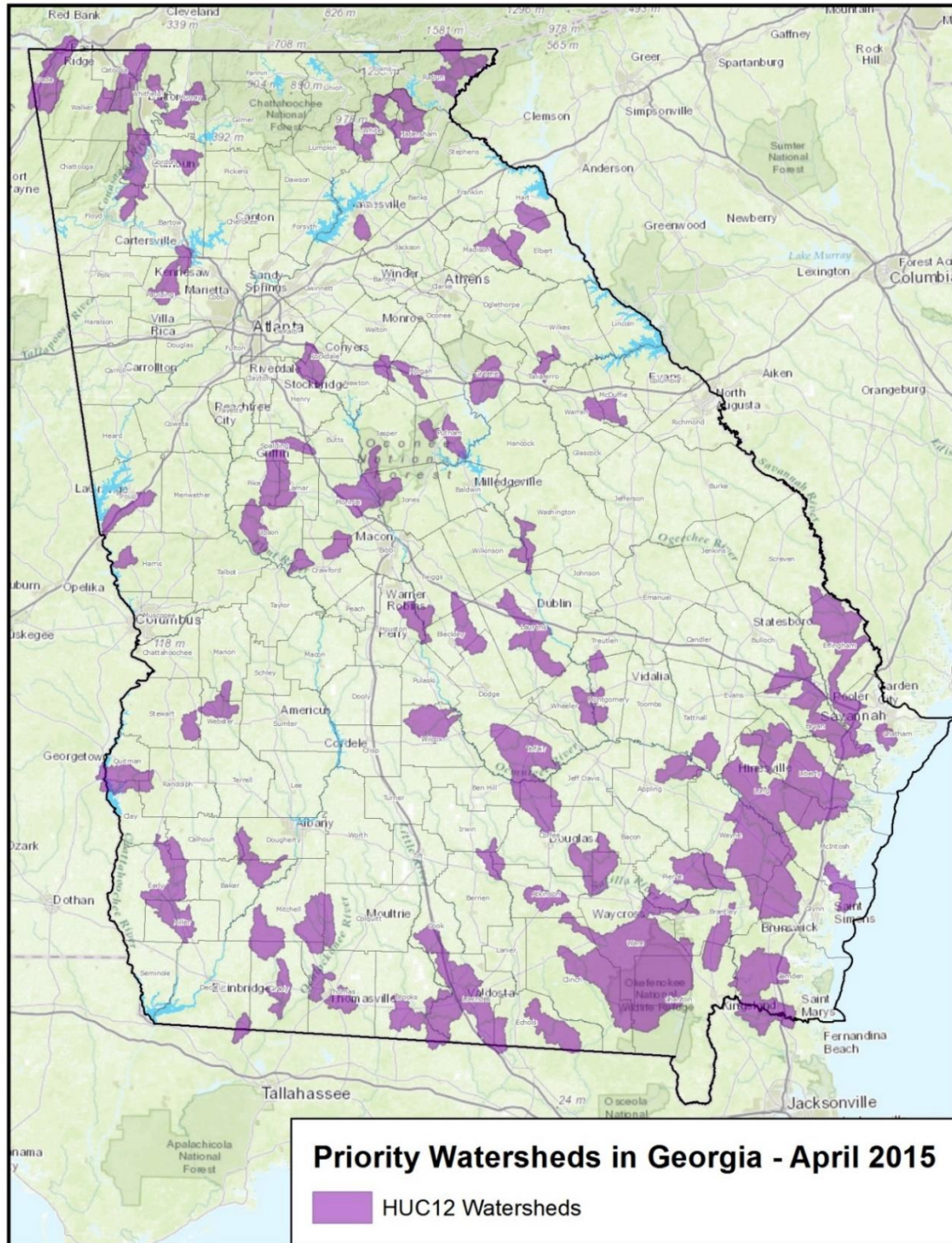
DONATED SUPPLIES

The contribution must be priced at the market value of the supplies at the time of donation.

DONATED EQUIPMENT OR SPACE IN A BUILDING

The contribution must be appraised at the fair market rental rate of the equipment or space.

APPENDIX D - MAP AND LIST OF HUC12 PRIORITY WATERSHEDS



HUC12	Name	DNR_BASIN	County
030701060301	Fivemile Creek	Altamaha	Appling
030701060203	Lower Tenmile Creek	Altamaha	Appling
030702010302	Little Red Bluff Creek	Satilla	Atkinson
030702010603	Middle Hog Creek	Satilla	Bacon
031300080304	Lower Cooleewahee Creek	Flint	Baker
031102020604	Lower Willacoochee River	Suwannee	Berrien
030701050102	District Hollow Branch-Gum Swamp Creek	Ocmulgee	Bleckley
030701050101	Reedy Creek-Gum Swamp Creek	Ocmulgee	Bleckley
030702011104	Lower Buffalo Creek	Satilla	Brantley
031102030703	Lower Piscola Creek	Suwannee	Brooks
030602040301	Sterling Creek-Ogeechee River	Ogeechee	Bryan
030602020508	Little Creek-Black Creek	Ogeechee	Bryan
030602030606	Clyde Creek-Canoochee River	Ogeechee	Bryan
030602020507	Lower Mill Creek	Ogeechee	Bryan
030602020505	Caney Branch-Black Creek	Ogeechee	Bulloch
030602020503	Ash Branch-Lower Black Creek	Ogeechee	Bulloch
031300100102	Perry Creek-Spring Creek	Flint	Calhoun
030702040904	Little St. Marys River	Saint Mary's	Camden
030702040905	Catfish Creek-St. Marys River	Saint Mary's	Camden
030702040902	Cabbage Creek-St. Marys River	Saint Mary's	Camden
030702011202	Rose Creek-Satilla River	Satilla	Camden
060200010702	Lower East Chickamauga Creek	Tennessee	Catoosa
060200010703	Tiger Creek	Tennessee	Catoosa
031102010105	Okefenokee Swamp	Suwannee	Charlton
030602040201	Hardin Canal-Little Ogeechee River	Ogeechee	Chatham
030602040303	Vernon River	Ogeechee	Chatham
031102010103	Suwannee Creek	Suwannee	Clinch
031102010201	Upper Tatum Creek	Suwannee	Clinch
030702010401	Broxton Creek	Satilla	Coffee
030701040804	Gregeory Creek-Ocmulgee River	Ocmulgee	Coffee
030702010504	Cat Creek-Seventeen Mile River	Satilla	Coffee
030702010403	Rose Creek	Satilla	Coffee
031200020401	Upper Little Ochlockonee Creek	Ochlockonee	Colquitt
031200020402	Middle Little Ochlockonee Creek	Ochlockonee	Colquitt
031102040501	Wells Mill Creek	Suwannee	Cook
030701031503	Little Echeconnee Creek	Ocmulgee	Crawford
031300051206	Lower Ulcohatchee Creek	Flint	Crawford
060200011102	Gulf Creek-Lookout Creek	Tennessee	Dade
060200011103	Crawfish Creek-Lookout Creek	Tennessee	Dade
060200011104	Sitton Gulch Creek-Lookout Creek	Tennessee	Dade
060200011105	Lookout Creek	Tennessee	Dade
031200030205	Lower Swamp Creek	Ochlockonee	Decatur
031300090806	West Chickasawhatchee Creek-Chickasawhatchee Creek	Flint	Dougherty
031300100103	Town of Crossroads-Spring Creek	Flint	Early
031300100205	Lower Dry Creek	Flint	Early
031300100104	Spring Branch-Spring Creek	Flint	Early

031102010502	Lower Toms Creek	Suwannee	Echols
031102010501	Upper Toms Creek	Suwannee	Echols
030601090202	Lower Runs Branch	Savannah	Effingham
030601090203	Ebenezer Creek	Savannah	Effingham
030601090201	Upper Runs Branch	Savannah	Effingham
030601040304	Deep Creek-Broad River	Savannah	Elbert
031501041604	Dykes Creek	Coosa	Floyd
031501030602	Woodward Creek	Coosa	Floyd
030702030101	Little Buffalo Creek	Satilla	Glynn
030701060504	Altamaha Sound-Frontal Atlantic Ocean	Satilla	Glynn
030702030102	Turtle River	Satilla	Glynn
031501020604	Marlow Branch-Salacoa Creek	Coosa	Gordon
031501030203	Snake Creek-Oostanaula River	Coosa	Gordon
031501030201	Camp Creek	Coosa	Gordon
031501020605	Lick Creek-Salacoa Creek	Coosa	Gordon
031501030204	Bow Creek-Oostanaula River	Coosa	Gordon
031501030205	Robbins Creek-Oostanaula River	Coosa	Gordon
031200020704	Little Tired Creek	Ochlockonee	Grady
031200020703	Middle Tired Creek	Ochlockonee	Grady
031200020706	Lower Tired Creek	Ochlockonee	Grady
030701011102	Upper Beaverdam Creek	Ocone	Greene
030701011103	Lower Beaverdam Creek	Ocone	Greene
030701011101	Town Creek-Richland Creek	Ocone	Greene
030701011104	Little Creek-Richland Creek	Ocone	Greene
031300010105	Amy Creek-Chattahoochee River	Chattahoochee	Habersham
031300010202	Upper Soquee River	Chattahoochee	Habersham
031300010206	Lower Soquee River	Chattahoochee	Habersham
031300010204	Middle Soquee River	Chattahoochee	Habersham
031300010201	Headwaters Soquee River	Chattahoochee	Habersham
030701010104	Upper Walnut Creek	Ocone	Hall
031300021103	Mountain Oak Creek	Chattahoochee	Harris
030601030407	Little Coldwater Creek	Savannah	Hart
030601030406	Upper Coldwater Creek	Savannah	Hart
030701040107	Thompson Mill Creek-Ocmulgee River	Ocmulgee	Houston
030701031303	Little Falling Creek	Ocmulgee	Jasper
030701031307	Berry Creek-Ocmulgee River	Ocmulgee	Jones
030701031304	Lower Falling Creek	Ocmulgee	Jones
031300050901	Honey Bee Creek-Potato Creek	Flint	Lamar
031300050904	Little Potato Creek	Flint	Lamar
030701021103	Horse Branch-Turkey Creek	Ocone	Laurens
030701021304	Upper Ochwalkee Creek	Ocone	Laurens
030701021104	Bluewater Creek-Turkey Creek	Ocone	Laurens
030701021105	Reedy Creek-Turkey Creek	Ocone	Laurens
030602030505	Middle Taylors Creek	Ogeechee	Liberty
030602030507	Strum Bay-Canoochee Creek	Ogeechee	Liberty
030602040401	Upper North Newport River	Ogeechee	Liberty
030602030503	Strickland Pond-Canoochee Creek	Ogeechee	Long
030701060404	Lower Doctors Creek	Altamaha	Long

031102021003	Alapahoochee River	Suwannee	Lowndes
031102021002	Lower Mud Swamp	Suwannee	Lowndes
031102030404	Valdosta-Withlacoochee River	Suwannee	Lowndes
031102030802	Tiger Creek-Withlacoochee River	Suwannee	Lowndes
031102040504	Franks Creek	Suwannee	Lowndes
031102030804	Redland Creek	Suwannee	Lowndes
031102021001	Upper Mud Swamp	Suwannee	Lowndes
031300010505	Tate Creek-Chestatee River	Chattahoochee	Lumpkin
030601040302	Scull Shoal Creek-Broad River	Savannah	Madison
030601080103	Whites Creek-Brier Creek	Savannah	McDuffie
030602040601	Upper South Newport River	Ogeechee	McIntosh
031300100505	Town of Boykin-Spring Creek	Flint	Miller
031300100403	Upper Aycocks Creek	Flint	Miller
031300100303	Long Branch-Spring Creek	Flint	Miller
031300100501	Town of Colquitt-Spring Creek	Flint	Miller
031300100401	Susian Ford Creek	Flint	Miller
031200020403	Lost Creek	Ochlockonee	Mitchell
031300080506	Bay Pole Branch-Big Slough	Flint	Mitchell
031200020404	Big Creek	Ochlockonee	Mitchell
030701031305	Deer Creek	Ocmulgee	Monroe
030701031306	Rum Creek	Ocmulgee	Monroe
030701021301	Cypress Creek	Ocone	Montgomery
030701011406	Middle Big Indian Creek	Ocone	Morgan
030701011405	Upper Big Indian Creek	Ocone	Morgan
031501010402	Mill Creek-Holly Creek	Coosa	Murray
031501010403	Goldmine Branch-Holly Creek	Coosa	Murray
031501010406	Bullpen Branch-Holly Creek	Coosa	Murray
030701011401	Nelson Creek-Little River	Ocone	Newton
031501041103	Lawrence Creek-Pumpkinvine Creek	Coosa	Paulding
031501041102	Lane Creek-Pumpkinvine Creek	Coosa	Paulding
031501041105	Westbrook Creek-Pumpkinvine Creek	Coosa	Paulding
030702020501	Sixty Foot Branch	Satilla	Pierce
030702010705	Caney Branch-Satilla River	Satilla	Pierce
031300050903	Gola Creek-Potato Creek	Flint	Pike
031300050902	Turnpike Creek	Flint	Pike
030701011803	Lower Rooty Creek	Ocone	Putnam
030701011802	Upper Rooty Creek	Ocone	Putnam
030701011502	Pearson Creek-Little River	Ocone	Putnam
031300031313	Drag Nasty Creek-Chattahoochee River	Chattahoochee	Quitman
031300031507	Lower Holanna Creek	Chattahoochee	Quitman
031300031508	Wilkey Creek-Pataula Creek	Chattahoochee	Quitman
030601020207	Upper Stekoa Creek	Savannah	Rabun
030601020203	West Fork Chattooga River	Savannah	Rabun
030601020205	Upper Warwoman Creek	Savannah	Rabun
060102020102	Middle Creek-Little Tennessee River	Tennessee	Rabun
030601020208	Lower Stekoa Creek	Savannah	Rabun
030601020206	Lower Warwoman Creek	Savannah	Rabun
030701030106	Honey Creek	Ocmulgee	Rockdale

030701030107	Camp Creek-South River	Ocmulgee	Rockdale
030701031104	Cabin Creek	Ocmulgee	Spalding
031300031501	Clear Creek-Pataula Creek	Chattahoochee	Stewart
030601050105	Lick Creek-Little River	Savannah	Taliaferro
030701060302	Watermelon Creek	Altamaha	Tattnall
030701040703	Lower Horse Creek	Ocmulgee	Telfair
030701040701	Upper Horse Creek	Ocmulgee	Telfair
030701040702	Middle Horse Creek	Ocmulgee	Telfair
031101030102	Oliver Creek	Ochlockonee	Thomas
031200020602	Pine Creek-Ochlockonee River	Ochlockonee	Thomas
031300020906	Lower Long Cane Creek	Chattahoochee	Troup
031300020905	Upper Long Cane Creek	Chattahoochee	Troup
031300050906	Tenmile Creek	Flint	Upson
031300050907	Jerry Reeves Creek-Potato Creek	Flint	Upson
031300050908	Bell Creek-Potato Creek	Flint	Upson
060200010704	Upper Little Chickamauga Creek	Tennessee	Walker
030702010604	Lower Hog Creek	Satilla	Ware
030701020407	Wheeler Creek-Buffalo Creek	Oconee	Washington
030701060402	Penholoway Creek	Altamaha	Wayne
030701060405	Penholoway Swamp-Altamaha River	Altamaha	Wayne
030702020502	Little Satilla River	Satilla	Wayne
030701060501	Alex Creek-Altamaha River	Altamaha	Wayne
031300070203	Lower Lanahassee Creek	Flint	Webster
031300070201	Clear Creek-Kinchafoonee Creek	Flint	Webster
030701021403	Lotts Creek-Oconee River	Oconee	Wheeler
030701021401	Larry Creek-Oconee River	Oconee	Wheeler
031300010102	Smith Creek-Chattahoochee River	Chattahoochee	White
031300010504	Lower Tesnatee Creek	Chattahoochee	White
031300010502	Upper Tesnatee Creek	Chattahoochee	White
031501010307	Bates Branch-Coahulla Creek	Coosa	Whitfield
060200010701	Upper East Chickamauga Creek	Tennessee	Whitfield
030701040504	Cedar Creek	Ocmulgee	Wilcox
030701040505	Folsom Creek	Ocmulgee	Wilcox
030701020801	Oochee Creek-Oconee River	Oconee	Wilkinson