



County of Greenville

FY2026 Hurricane Helene Debris Management Grant Proposal

Finance Department / Solid Waste Division

February 19, 2026

Building on Lessons Learned from Hurricane Helene

Submitted to:

South Carolina Department of Environmental Services (SCDES)

Grant Response Categories

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Attachment B – Travelers Rest TDS Approval Letter

Attachment C – Pre-Approved Disaster Debris Sites

Attachment D – Vendor Quotes (DDMP Update & Air Curtain Burner)

Attachment E – SCDES Grant Application Instructions (Reference)

General Information

1. Provide the local government name.

County of Greenville

2. Provide names, addresses, phone numbers, and e-mail addresses for the project manager, finance director, and authorized representative (i.e., city/county manager or administrator).

Joe Kernell, County Administrator

jkernell@greenvillecounty.org

301 University Ridge

Greenville, South Carolina 29601

Ted Lambrecht, Assistant County Administrator for Finance

tlambrecht@greenvillecounty.org

301 University Ridge

Greenville, South Carolina 29601

Ruth Parris, Budget Director

rparris@greenvillecounty.org

301 University Ridge

Greenville, South Carolina 29601

Marcia Papin, Director of Solid Waste

mpapin@greenvillecounty.org

11075 Augusta Road

Honea Path, South Carolina 29654

Project Description

Point Value: 0 to 35

3. Identify how much disaster debris was managed in the county/town/city during Hurricane Helene by volume and the costs of managing the debris.

Greenville County has maintained pre-approved debris sites and contracts as part of its long-term preparedness strategy, enabling immediate activation following Hurricane Helene.

Greenville County managed approximately 1.05 million cubic yards of debris at a total cost of approximately \$17 million (see Attachment A).

4. Describe how the management of the debris was/is being managed for Hurricane Helene. Please include the sites utilized to reduce the volume of the debris and the sites used for final disposition.

Greenville County activated its pre-positioned Disaster Debris Management contract on Day One following Hurricane Helene and began debris cleanup immediately. Four of eight SCDES-approved Temporary Debris Storage (TDS) sites were initially activated, with a seventh site (Waddell Road) activated approximately 12 weeks into recovery operations.

Active sites included:

- **Blackberry Valley Landfill** – citizen and contractor drop-off, grinding
- **Enoree Landfill** – citizen and contractor drop-off, grinding
- **Woodmont High School** – contractor drop-off and grinding
- **Simpsonville RW&RC** – citizen drop-off only; contractor haul-off daily
- **Waddell Road** – contractor haul-in and grinding

Approved but unused contingency sites included Piedmont RW&RC, O'Neal RW&RC, Travelers Rest RW&RC, and Southern Maintenance.

Approximately 1.2 million cubic yards of storm debris were managed across the activated TDS locations. Grinding operations reduced volumes by an estimated 3:1 ratio, producing approximately 410,000 cubic yards of ground material.

Final disposition of processed debris was completed under SCDES approval. Approximately 160,000 cubic yards were mixed with soil (50:50) for beneficial use. The remaining material was used at Blackberry Valley Landfill to correct settlement areas and restore positive drainage, including installation of a new 2-foot clay cap.

All activated TDS sites were restored to pre-event conditions at the end of operations.

5. Describe the equipment or project for the request of grant funds. Describe how having this in place before Helene may have resulted in better debris management and/or a reduction in total costs.

We are proposing two categories:

1. Updates to our 2008 Disaster Debris Management Plan (DDMP).

Having a current, operational Disaster Debris Management Plan (DDMP) in place prior to a hurricane can significantly improve the efficiency, coordination, and cost-effectiveness of debris operations. During Hurricane Helene response activities, the County identified several lessons learned that highlighted the value of an up-to-date plan aligned with current federal and state guidance.

2. Purchase an Air Curtain Burner (ACB).

During Hurricane Helene, one operational challenge was the limited outlets available for ground storm debris in the northwest portion of the County. We propose locating the ACB at the Travelers Rest TDS (see Attachment B – approval letter) to provide debris mitigation for the northwest corner of the County, which is also the least accessible and often subject to the most significant damage.

Additionally, this ability to provide on-site debris reduction decreases truck haul distances, reducing fuel consumption, vehicle wear, and emissions associated with transporting material to Blackberry Valley, the closest available processing site.

6. How many disaster debris management sites are currently pre-approved by the Department for your use in FY2026?

Nine sites (see Attachment C – Permit Approvals)

7. How many additional disaster debris management sites do you plan to request the Department to review and pre-approve?

None, but we plan on expanding the footprint at Enoree Landfill.

Budget/Cost Justification

Point Value: 0 to 15

8. Provide a detailed **budget** for the project, including cost estimates for each item for which there is a funding request. Include photos or descriptive literature as available.

A. Updating our DDMP **\$44,500**

A proactive update to the DDMP would strengthen the County's ability to prepare for, respond to, and recover from debris-generating events by ensuring that roles, responsibilities, and operational strategies are clearly defined before an event occurs. Even though we benefited greatly from having a pre-positioned debris management contract, we did not have pre-positioned monitoring contracts in place.

Potential Operational and Cost Benefits

An updated DDMP may have contributed to improved debris management outcomes and reduced costs during recent storm operations by:

- **Accelerating operational startup**, allowing debris clearance and site activation to occur faster through pre-identified procedures, truck certification processes, and monitoring systems.
- **Enhancing eligibility for FEMA reimbursement** by aligning operations with FEMA Public Assistance guidance, FHWA Emergency Relief requirements, and EPA best practices, thereby minimizing documentation issues or disallowed costs.
- **Optimizing debris handling and diversion**, which can lower disposal costs through improved recycling, reuse, and debris reduction planning.

Strategic Preparedness and Resilience

By incorporating lessons learned from Hurricane Helene, current regulatory changes, and national best practices, the updated plan will serve as an actionable operational tool rather than a static document. Additional pre-event planning, such as mapping debris zones, and defining response actions will support faster decision-making during emergencies and improve resource allocation.

Overall, maintaining an updated DDMP supports resilient community recovery while helping reduce the overall financial burden associated with large-scale debris operations.

B. Purchase an Air Curtain Burner ACB for the Travelers Rest TDS Site **\$205,500**

The air curtain burner provides an alternative reduction pathway when grinding contractors or end markets for mulch and wood waste are unavailable or overwhelmed during large-scale events.

- Mid-size Air Curtain Burner – \$195,018 + Tax = \$202,818 (Cost estimates are based on vendor quotes and recent regional procurement data.)
- Site readiness (gravel and barriers) – \$2,682



Program Benefit

Point Value: 0 to 40

9. Describe the type and amount of targeted material the equipment the applicant will use it for.

The targeted material would be storm debris, land clearing debris and clean vegetative debris, including storm-related tree debris at a rate of 2,000 tons/month.

10. Describe or estimate the expected increase or improvement as a result of the grant.

The proposed grant activities are expected to improve Greenville County's ability to manage storm debris efficiently and cost-effectively during future disaster events. Updating the DDMP will improve operational coordination, align procedures with current federal and state guidance, and incorporate lessons learned from recent storms, resulting in more consistent decision-making during response operations.

The addition of an air curtain burner will expand regional debris reduction capacity, particularly in the northwest portion of the County, reducing haul distances for processed storm debris to end users. This localized processing capability is expected to decrease fuel consumption, equipment hours, and contractor hauling costs while increasing operational flexibility during surge conditions.

The proposed improvements expand existing operations rather than create new programs, allowing rapid implementation and immediate operational benefit. Because these improvements build on existing contracts, permitted sites, and proven operations, Greenville County can move quickly from award to implementation with minimal startup delay.

11. Explain how you arrived at this estimate.

Cost estimates are based on vendor and consultant quotes obtained for this project (see Attachment D). Estimates reflect current market pricing and scope-specific needs for DDMP updates and air curtain burner implementation.

Regionalization

Point Value: 0 to 10

12. If this is a regional application, please describe all parties and explain the activities for which each party will be responsible.

N/A

13. If this is a regional application, provide a breakdown by local government of the estimates provided in numbers 10 and 11 above.

N/A

To our SCDES partners, thank you for working with FEMA to provide this opportunity to South Carolina counties. By investing in preparedness today, Greenville County strengthens its ability to respond effectively, recover efficiently, and responsibly serve our residents during future disasters.

ATTACHMENT - A

Storm Debris Quantity Documentation

Good Afternoon All,

Attached is a workbook collating the information contained in the Ashbrite invoices we have received to date. Note that this does not include the County's force account labor and the County's other tree vendors. Please let me know if you need the details related to the debris monitoring as well. Based on this workbook we are tracking 1.05M CY and approximately \$17M.

Elizabeth Melton, CEM

Senior Manager

Cohn Reznick Advisory LLC

Tel: 512-499-1463

Fax: 512-494-9101

Elizabeth.Melton@CohnReznick.com

[vCard](#) | [Bio](#)

CohnReznick 

We've moved! Please take note of our new Austin location:

301 Congress Avenue

Suite 2000

Austin, TX 78701



Visit our [new resource center, the C-Suite Dashboard](#)

ATTACHMENT – B

Travelers Rest Maintenance TDS Approval Letter



June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7XJA-F83YD
Travelers Rest Maintenance Center - DDM-00000069
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 98 Camp Road in Travelers Rest, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000069. This site is approved for: Burning, Chipping, and/or Storage. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
- Written approval from SCDES to activate must be received.

If you have any questions regarding this approval, please contact the Disaster Debris Team by email at debrismgmt@des.sc.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Justin Koon".

Justin Koon
Disaster Debris Management Team
Bureau of Land and Waste Management/Bureau of Air Quality

info@des.sc.gov | des.sc.gov | 803.898.3432

ATTACHMENT – C
Pre-Approval Disaster Debris Management Sites



SC DEPARTMENT of
**ENVIRONMENTAL
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQB-642W-RDND1
Enoree Convenience Center Disaster Debris Management Site - DDM-00000027
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 1311 Anderson Ridge Road in Greenville, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000027. This site is approved for: Chipping and/or Storage. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
- Written approval from SCDES to activate must be received.

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Sincerely,

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SC DEPARTMENT of
**ENVIRONMENTAL
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YA5-8PZSW
Southern Maintenance Facility Disaster Debris Management Site - DDM-0000026
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 419 Oaklawn Road in Pelzer, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-0000026. This site is approved for: Storage ONLY. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
- Written approval from SCDES to activate must be received.

If you have any questions regarding this approval, please contact the Disaster Debris Team by email at debrismgmt@des.sc.gov.

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SC DEPARTMENT of
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YS9-REMRR
O'Neal Convenience Center Disaster Debris Management Site - DDM-00000025
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 3769 Camp Road in Greer, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000025. This site is approved for: Chipping and/or Storage. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
- Written approval from SCDES to activate must be received.

If you have any questions regarding this approval, please contact the Disaster Debris Team by email at debrismgmt@des.sc.gov.

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SC DEPARTMENT of
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YKJ-2P90B
Old Woodmont High School Disaster Debris Management Site - DDM-00000024
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 150 Woodmont School Rd in Piedmont, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000024. This site is approved for: Storage ONLY. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
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SC DEPARTMENT of
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YP8-4WQXD
Simpsonville Convenience Center Disaster Debris Management Site - DDM-00000023
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 517 Hipps Road in Simpsonville, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000023. This site is approved for: Storage ONLY. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
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Bureau of Land and Waste Management/Bureau of Air Quality

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SC DEPARTMENT of
**ENVIRONMENTAL
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YXB-P5BQA
Piedmont Convenience Center Disaster Debris Management Site - DDM-00000022
Greenville County

Dear County of Greenville:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 200 Owens Road in Piedmont, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000022. This site is approved for: Storage ONLY. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
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SC DEPARTMENT of
**ENVIRONMENTAL
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June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7YZ9-0Q8PR
Blackberry Valley Convenience Center Disaster Debris Management Site - DDM-00000021
Greenville County

Dear County of Greenville:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 409 Blackberry Valley Road in Greenville, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000021. This site is approved for: Chipping and/or Storage. Please note that this registration must be renewed by May 1 of each year.

In order for this site to be activated:

- A disaster must be declared;
- SCDES must issue the Disaster Debris Management Guidelines for the specific event with a specified timeframe (this will be emailed to all contacts associated with approved sites);
- The Activation Schedule associated with this site must be submitted in ePermitting; and,
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Justin Koon
Disaster Debris Management Team
Bureau of Land and Waste Management/Bureau of Air Quality

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SC DEPARTMENT of
**ENVIRONMENTAL
SERVICES**

June 04, 2025

County of Greenville
Attn: Marcia Papin
mpapin@greenvillecounty.org

Issuance of Site Location Renewal

RE: Reference #HQC-7XJA-F83YD
Travelers Rest Maintenance Center - DDM-00000069
Greenville County

Dear Ms. Papin:

The Department has completed its review of your Disaster Debris Management Application received on April 30, 2025, for a site located at 98 Camp Road in Travelers Rest, SC within Greenville County. The above-referenced facility has been renewed with the Department as a Disaster Debris Management Location. Your facility registration number remains DDM-00000069. This site is approved for: Burning, Chipping, and/or Storage. Please note that this registration must be renewed by May 1 of each year.

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Bureau of Land and Waste Management/Bureau of Air Quality

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Attachment – D

Vendor Quotes (DDMP Updates & Air Curtain Burner)



February 12, 2026

Marcia Papin
Director of Solid Waste
County of Greenville, South Carolina
MPapin@greenvillecounty.org
Submitted Electronically

Subject: County of Greenville Disaster Debris Management Plan Update Cost Estimate

Dear Director Papin,

Tetra Tech has prepared the following cost estimate and approach to assist the County of Greenville with updating its disaster debris management plan (DDMP). We have developed over 100 debris management plans across the nation to meet state and federal guidelines. Lessons learned from debris operations are integrated into those plans, so jurisdictions can benefit from best practices while avoiding actions that do not deliver the needed results.

One best practice is to maintain an up-to-date DDMP so it can be a viable and accurate tool to assist the County in preparing for, responding to, and recovering from a debris-generating disaster. The update will address:

- Changes in State and Federal regulations and guidance.
- Changes in County organization, ordinances, and staffing.
- Lessons learned in the County from Hurricane Helene debris operations.
- Best practices from across the country in response to debris-generating disasters.

This cost estimate outlines Tetra Tech's proposed technical approach to completing this scope of work by phase. Please contact the technical and contractual representatives listed below with questions about our letter quote.

Technical Representative:

Mr. Brian Rutherford
Project Manager
Phone: 281-414-6741
brian.rutherford@tetrattech.com

Contractual Representative:

Ms. Betty Kamara
Sr. Contracts Administrator
Phone: 321-441-8511 | Fax: 321-441-8501
EMRR.contracts@tetrattech.com

Sincerely,

Tetra Tech, Inc.

Jonathan Burgiel
Business Unit President | Tetra Tech Disaster Recovery

Tetra Tech, Inc.
2301 Lucien Way, Ste. 120, Maitland, FL 32751
Tel 321-441-8500 Fax 321-441-8501 www.tetrattech.com

Cost Estimate

The cost estimate below is provided for planning purposes only. Tetra Tech is prepared to provide a customized, tailored quote based on additional input from the County. The cost estimate below was developed based on Tetra Tech’s current understanding of the project needs and our experience conducting similar projects.

Exhibit 5: Estimated Cost Breakdown by Task

Project Phase	Estimated Cost
Task 1: Project Initiation	\$7,293.00
Task 2: Develop the DDMP	\$29,497.00
Task 3: Finalize the DDMP	\$7,710.00
Total Estimated Cost	\$44,500.00

Cost Assumptions

This estimate is based on the following key assumptions and constraints. Additional assumptions and constraints may be addressed at the time of formal quote submission.

- **Estimate.** This cost estimate is based on Tetra Tech’s current understanding of the project. A final, binding quote will be provided upon scope finalization and determination of the available budget.
- **Project Sponsor.** The County will assign a primary point of contact to serve as the project sponsor to address administrative and functional issues.
- **Access to Materials.** Documentation pertinent to the execution of this project should be made available to Tetra Tech for review in electronic format within five business days of the request from Tetra Tech.
- **Distribution and Collection of Data.** Distribution and collection of data is the responsibility of the County’s project sponsor. Requested data will be provided in paper format or electronically using industry-standard word processing formats.
- **Access to Key Personnel.** Availability of County key personnel is critical to obtaining the information required for the overall success of this project. Information presented by key personnel will be accepted as factual, and no confirmation will be made.
- **Deliverables.** Tetra Tech agrees to deliver the following:
 - Electronic copies of the interim draft deliverables during the project planning process
- **Work Location/Meeting Space.** Meetings will be conducted online. Tetra Tech will perform work off-site at Tetra Tech.
- **Acceptance of Deliverables.** Deliverables will be submitted to the County in draft format. The County’s comments must be provided within 14 calendar days. Upon incorporation of revisions to the draft deliverables and one final resubmission to the County, the deliverables will be considered accepted. Changes to deliverables later in the process are more costly, and thus, Tetra Tech has assumed that once the project sponsor has approved an initial draft, no more than 10 percent of the approved initial version will be changed in subsequent documents.



GSA PRICE LIST FOR AIR CURTAIN BURNERS

(Short Form T&C)

Effective May 1, 2025

(Prices are FOB Destination 48 US Mainland States Only)

MODEL	DESCRIPTION	Price \$
TRAILER MOUNTED MACHINES		
T24	BurnBoss® with On-Board Kubota Z482-E4 Diesel Engine (USEPA Tier 4) Towable FireBox, Street-legal with VIN	98,536.16
T26	CharBoss® with On-Board HATZ 3H50T Diesel Engine (USEPA Tier 4) Towable FireBox for Biochar Processing, Street-legal with VIN	175,124.27
T28	TrackBoss® with On-Board Hatz 3H50 Diesel Engine (US EPA Tier 4) FireBox on Self-drive Tracks, Radio Controlled	151,436.41
SKID-MOUNTED ABOVE GROUND REFRACTORY WALLED PORTABLE FIREBOX SERIES		
S116 S116E	FireBox Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase Electric Motor with VFD Speed Control	153,486.27
S116R	Roll-off FireBox with Steel Floor Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) Offered for Standard Cable Hoist or Hook Lift (J-Hook) Roll-off Trucks	165,032.99
S119 S119E	FireBox Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase 50Hz or 60Hz Electric Motor with VFD Speed Control	164,037.68
S119R	Roll-off FireBox with Steel Floor Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) Offered for Standard Cable Hoist or Hook Lift (J-Hook) Roll-off Trucks	185,446.61
S220 S220E	FireBox Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase 50Hz or 60Hz Electric Motor with VFD Speed Control	181,963.04
S223 S223E	FireBox Powered by 49 HP HATZ 3H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase 50Hz or 60Hz Electric Motor with VFD Speed Control	195,017.53
S327 S327E	FireBox Powered by 74.5 HP HATZ 4H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase 50Hz or 60Hz Electric Motor with VFD Speed Control	242,046.67
S330 S330E	FireBox Powered by 74.5 HP HATZ 4H50 Diesel Engine (USEPA Tier 4) FireBox Powered by 480V 3-Phase 50Hz or 60Hz Electric Motor with VFD Speed Control	258,359.60
PGF100	The PGF100 is a self-contained, completely assembled biomass-to-energy (WTE) system that includes an above ground Air Curtain Incinerator Module for semi-stationary applica- tions and a Power Module fitted with an Organic Rankine Cycle (ORC) generator.	1,102,434.3 4

Prices are in US Dollars FOB Destination within the 48 contiguous US Mainland States. Please, contact us for freight surcharges to destinations in Hawaii, Alaska, Guam or Puerto Rico. For shipments to destination overseas, the prices apply for delivery to any major US seaport of embarkation within the 48 contiguous US Mainland States. All air curtain burners are made in the USA and shipped completely assembled. The cost of transshipment and unloading, including from any mode of transport (e.g., truck, vessel, flatrack, or container), incurred either in transit or at destination, shall be to the account of the Buyer and is not included in the prices of this Schedule. GSA Prices are subject to change without notice.

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Vers. 14 SPT 2025

Attachment E – SCDES Grant Application Instructions

SCDES grant instructions are included for reference only.

Division of Mining and Solid Waste Management FY2026 SW Hurricane Helene Grant Grant Proposal Instructions

The SC Department of Environmental Services (SCDES)'s Division of Mining and Solid Waste Management (Division) is accepting proposals from South Carolina local governments and regions to provide affected counties, cities, and towns with funding to aid in debris management from Hurricane Helene.

A local government is a county, municipality, or any other political subdivision located wholly or partly within the county where such political subdivision provides solid waste management services. A region is a group of counties that has submitted a regional solid waste management plan to the Department.

Submittal Instructions
<p>All applicants should submit their Requests electronically. If electronic submission presents a problem, please contact the Office for other submission options.</p> <p>Requests will be accepted starting Monday, February 9, 2026, through 5:00 p.m. (EDT) on Friday, April 3, 2026.</p> <p>Requests should be submitted in PDF or Microsoft Word format (.doc or .docx).</p> <p>The Department will not consider requests after the deadline.</p> <p>The Department will not consider incomplete submissions. The applicant must thoroughly answer all questions.</p> <p>Faxed copies will not be considered.</p> <p>Use this application only.</p>
<p>The applicant must e-mail electronic submissions to swgrants@des.sc.gov</p>
<p>Please refer to the enclosed Grant Guidelines for eligibility requirements.</p>
<p>For additional information, please contact Sallie Williams at 803-898-1346 or e-mail swgrants@des.sc.gov.</p>

NOTE: This offering does not commit SCDES to award a grant, to pay any cost incurred in the preparation of the proposal, or to procure or contract for articles of goods or services. SCDES reserves the right to accept or reject any or all proposals received as a result of this offering, or to cancel in part or in its entirety this offering if it is in the best interest of the State to do so.

FY2026 SW Hurricane Helene Grant

Grant Purpose:

The purpose of this grant is to provide Counties affected by Hurricane Helene (HH) with aid in debris management. The use of these funds shall be to purchase equipment for use in HH debris removal. Use of the Funds shall also be used to revise county solid waste management plans and surveying costs for pre-approved disaster debris management sites.

Grant Conditions:

- The use of these Funds must be to aid counties with purchasing equipment or resources required for managing HH disaster debris.
- The use of the Funds may also cover surveying costs for disaster debris boundaries.
- The use of the Funds may be for revising solid waste management plans.
- Recurring expenses, indirect costs, professional development, and equipment repair costs are not eligible and will not be given consideration.

Review and Award Process:

- The Department will review Grant proposals based on responses to the questions in the proposal instructions.
- The Department will review Grant requests, rank them, and then award funding budgets.
- Applicants will be made Grant offers in writing.
- All grant awards will have an ending date of June 30, 2026.

Reminders:

- Specific items and materials must be requested in writing using the SCDES 2082 approval form.

Guidelines
FY2026 Solid Waste Reduction and Recycling Grant Program

1. The Office will accept electronic requests starting Monday, February 9, 2026, through 5:00 p.m. (EDT) on Friday, April 3, 2026. Proposals received after the deadline will not be considered. The Department will not consider faxed or incomplete grant proposals. If electronic submission presents a problem, please contact the Office for other available options.

2. The HH Grant is made available to any county designated below (designated on the 12/03/2024 FEMA South Carolina Disaster Declaration List in the State of South Carolina) and any city/town within the listed counties.
 1. Abbeville
 2. Aiken
 3. Allendale
 4. Anderson
 5. Bamberg
 6. Barnwell
 7. Beaufort
 8. Berkeley
 9. Calhoun
 10. Colleton
 11. Cherokee
 12. Chester
 13. Edgefield
 14. Fairfield
 15. Greenville
 16. Greenwood
 17. Hampton
 18. Jasper
 19. Kershaw
 20. Lancaster
 21. Laurens
 22. Lexington
 23. McCormick
 24. Newberry
 25. Oconee
 26. Orangeburg
 27. Pickens
 28. Richland
 29. Saluda
 30. Spartanburg
 31. Union
 32. Williamsburg
 33. York

3. Eligible entities shall demonstrate that they provide solid waste services; any region that has submitted to SCDES a regional solid waste management plan; or any eligible local government that applies on behalf of an informal region comprised of eligible local governments, provided they include a signed Memorandum of Agreement between the local governments designating them to administer funds.

4. The Department shall not provide Grants to any local government or region that has not demonstrated a good faith effort to meet the requirements of the S.C. Solid Waste Policy and Management Act of 1991.
5. Local governments must have submitted the appropriate reports as required by the S.C. Solid Waste Policy and Management Act of 1991, to include a complete solid waste management plan, an annual solid waste management progress report, and full-cost disclosure documentation.
6. The Department will not provide Grants for projects that are not consistent with the state or local county solid waste management plan.
7. Grant proposals will be reviewed based on responses to the questions in the proposal instructions. The Department will rank and award Grant requests according to application completeness and need. Grant offers will be made in writing to the applicants.
8. All grant awards will have an ending date of June 30, 2026.
9. The applicant must be able to provide documentation of ownership or present a signed lease agreement for the use of any land in conjunction with the proposed project.
10. The awardee of the grant must perform activities undertaken to fulfill the requirements of the grant in compliance with federal, state, and local regulations.
11. All grants shall be construed and enforced in accordance with the laws of the State of South Carolina.
12. There shall be no exclusion of any person from participating in, benefits denial of, or the subjection to discrimination in relation to, activities carried out under this grant program on the grounds of race, age, health status, handicap, color, sex, religion, or national origin.

1. SW Hurricane Helene Grant Proposal Instructions

Project Goal: To provide Counties affected by Hurricane Helene with aid regarding debris management. These funds shall be used to develop comprehensive plans for managing disaster debris and to purchase the necessary equipment for these purposes.

Anticipated Awards: Not to exceed \$250,000 per local government.

Expenses Considered: Equipment to handle the overwhelming amount of debris resulting from Hurricane Helene and to be used to plan for disaster debris management, surveying costs, and costs to revise County Solid Waste Management Plans.

Expenses Not Considered Include: Professional development and recurring expenses (such as permanent personnel costs, equipment repair costs, and indirect costs).

The Department will assign point values to all proposals based on the responses to the items below. The Department will also grant recommendations based on a ranking by point value. The applicant must number responses 1 through 13 and address them in numerical order. Incomplete proposals will not be considered.

General Information

1. Provide the local government name.
2. Provide names, addresses, phone numbers, and e-mail addresses for the project manager, finance director, and authorized representative (i.e., city/county manager or administrator).

Project Description Point Value: 0 to 35

3. Identify how much disaster debris was managed in the county/town/city during Hurricane Helene by volume and the costs of managing the debris.
4. Describe how the management of the debris was/is being managed for Hurricane Helene. Please include the sites utilized to reduce the volume of the debris and the sites used for final disposition.
5. Describe the equipment or project for the request of grant funds. Describe how having this in place before Helene may have resulted in better debris management and/or a reduction in total costs.
6. How many disaster debris management sites are currently pre-approved by the Department for your use in FY2026?
7. How many additional disaster debris management sites do you plan to request the Department to review and pre-approve?

Budget/Cost Justification Point Value: 0 to 15

8. Provide a detailed budget for the project, including cost estimates for each item for which there is a funding request. Include photos or descriptive literature as available.

Program Benefit Point Value: 0 to 40

9. Describe the type and amount of targeted material the equipment the applicant will use it for.
10. Describe or estimate the expected increase or improvement as a result of the grant.
11. Explain how you arrived at this estimate.

Regionalization Point Value: 0 to 10

12. If this is a regional application, please describe all parties and explain the activities for which each party will be responsible.
13. If this is a regional application, provide a breakdown by local government of the estimates provided in numbers 10 and 11 above.