

GRANT AGREEMENT

WITH

CITY OF POWDER SPRINGS

FY 2023 RECYCLING, WASTE REDUCTION, AND DIVERSION GRANT

PROJECT: 23-RWD-033-01

This agreement (“Agreement”) is made and entered into as of the date of the last signature hereunder (the “Effective Date”), by and between the Environmental Protection Division of the Georgia Department of Natural Resources, an agency of the State of Georgia (“Division”), and **City of Powder Springs** (“Grantee”). Grantee and the Division are collectively referred to herein as the “Parties.”

WHEREAS, the Division is interested in reducing solid waste in Georgia and recovering valuable materials through recycling, waste reduction, and/or diversion; and

WHEREAS, pursuant to the Georgia Comprehensive Solid Waste Management Act, O.C.G.A. § 12-8-20 *et seq.* (“Act”) and the rules promulgated in support the Division is authorized to assist eligible Georgia government entities with grants for the purposes as described in the Act; and

WHEREAS, Grantee represents to the Division that Grantee is duly created and existing under the laws of the State of Georgia and has the authority to expend the monies described herein for the purposes set forth herein; and

NOW, THEREFORE, for and in consideration of the valuable and mutual benefits flowing to each party as hereinafter appear below, the Parties mutually agree as follows:

1. **Project.** The Grantee shall conduct the work described in the scope of services identified in the attached Appendix A and by this reference made a part hereof (hereinafter, the “Project”).
2. **Term; Time of Performance.**
 - a. The term (“Term”) of this Agreement shall commence upon the Effective Date and shall terminate upon the completion of the tasks in the Project, not to exceed 24 months from the Effective Date, unless earlier terminated by the Division in accordance with the provisions of Paragraph 6 of this Agreement.
 - b. Grantee must commence performance of the Project within 30 days of the Effective Date and must complete the Project in accordance with the timeline described therein.
 - c. The Division may elect to extend the Term of this Agreement, in which case the Parties will execute an amendment to this Agreement.
3. **Grant and Acceptance.**
 - a. The Division hereby makes and Grantee hereby accepts this grant for the Project

("Grant") in the amount of **one-hundred seven-thousand dollars, (\$107,000)** ("Grant Amount") to carry out the Project in accordance with the terms and conditions of this Agreement.

- i. Notwithstanding any other provision of this Agreement, the Grantee acknowledges that the Division, as an agency of the State of Georgia, is prohibited from pledging the State's credit.
 - ii. Grantee must expend or contractually obligate the full amount of the Grant Amount on or before the expiration of the Term; after expiration of the Term Grantee may not expend or obligate contractually the unencumbered Grant Amount.
 - iii. The Grantee will contribute a minimum cash contribution of **thirty-five thousand dollars, (\$35,000)** ("Match") toward the Project.
 - iv. Grantee has already obtained or otherwise received commitments for the Match funding for the Project.
 - b. The Grantee agrees that the Grant Amount will be spent pursuant to the breakdown set forth in the Project and pursuant to the terms of this Agreement and will not be used for expenses already incurred or paid for by Grantee before the Effective Date, unless such expenses are expressly authorized in advance and in writing by the Division.
 - c. The budget for the Project is set forth in Exhibit A. Grantee must notify the Division within 15 days of any changes to the budget for the Project that may result in the reduction and/or elimination of some or all of the Match or the Grant Amount.
4. **Method of Disbursement.** Division will disburse the Grant Amount to Grantee not to exceed the amount described in Paragraph 3, and in accordance with the terms described in this Paragraph:
- a. Disbursement will only be made to Grantee to reimburse Grantee for expenditures made for the Project as described in Appendix A: Scope of Work; and
 - b. No disbursement will be made to Grantee for any work completed prior to the Effective Date, even if in furtherance of the Project; and
 - c. Grantee must submit a disbursement request on forms as provided by the Division along with invoices and proof of payment made by Grantee for the Project and identification of any Match used. Disbursement request forms may be submitted as needed, provided, however, that they may not be submitted more than once every thirty (30) days; and
 - d. The Grantee shall certify in writing the accuracy of each disbursement request. Each disbursement request shall constitute a representation and warranty by the Grantee to the Division that the covenants and warranties made by Grantee in this Agreement are true and accurate on the date of the disbursement request. All invoices submitted by the Grantee must show detailed line items referencing the

costs of labor, materials, property, equipment, installation, services, incidentals, etc. All disbursement requests should be signed and dated by authorized personnel as evidence of review and approval prior to submission to the Division; and

- e. The Division will review any disbursement request within forty-five (45) days of receipt. Disbursement will be made upon determination by the Division that the Project elements described and invoices included with the disbursement request are sufficient. If the Division, in its sole discretion, determines that all or part of a disbursement request cannot be made in accordance with the terms of this Agreement, such request or portion of the request shall not be reimbursed.
5. **Grant Funding.** If the Division determines that the source of funding for the Grant or Grant Amount no longer exists or is insufficient with respect to the Project, the Division shall terminate this Agreement in accordance with the provisions of Paragraph 6.
- a. The determination of the Division that the funding for the Grant is no longer available or sufficient shall be conclusive.
 - b. The Division shall provide notice in writing to Grantee as soon as practicable after the Division determines that the source of payment no longer exists or is insufficient with respect to the Project.
 - c. In the event of such termination, the Division shall remain obligated to reimburse the Grantee for eligible Project expenses performed or incurred and accepted by the Division prior to such termination.
6. **Termination of Agreement.**
- a. **For Cause.** If, through any cause other than force majeure, the Grantee shall fail to perform its obligations under this Agreement, or if the Grantee shall violate any of the covenants, agreements, or stipulations of this Agreement, the Division may terminate this Agreement specifying the effective date. If this Agreement is terminated as provided herein, the Grantee may be disbursed from the Grant Amount for all Project work performed on or before the date of termination and for which a disbursement request is submitted pursuant to Paragraph 4.
 - b. **For Convenience.** Either Party may terminate this Agreement at any time for good reason by giving at least thirty (30) days written notice to the other Party of such termination and specifying the effective date. If this Agreement is terminated as provided herein, the Grantee may be disbursed from the Grant Amount for all Project work performed on or before the date of termination and for which a disbursement request is submitted pursuant to Paragraph 4.
7. **Copyrights and Documents.** Grantee shall be the original and sole owner of all rights, including without limitation copyright, in and to all documents, maps, photographs, drawings and other materials produced or derived in whole or in part under this Agreement and paid for solely by Grantee (“Materials”).
- a. Grantee hereby grants Division a perpetual, irrevocable, world- wide, royalty-free, fully paid-up, non-exclusive license under any copyrights and know- how, data,

findings, results and discoveries concerning the Materials so as to allow Division to conduct further research, apply for and obtain further funding and to publish or otherwise disclose the results of the Project and the Material through customary regulatory and scholarly outlets.

- b. Division shall have the right to use the Materials resulting from Grantee's efforts on this Agreement. Division acknowledges that the reuse of any such Materials by Division on any extension of this project or any other project shall, except for the obligations of Grantee, be at Division's sole risk unless otherwise agreed to in writing by all Parties.
 - c. Any reports, maps, signage or other documents completed as a part of this Agreement shall include recognition and carry the following notation on a conspicuous sign or the front cover or a title page (or in the case of maps, in the same block):

“The preparation of this report, map, document, project, etc., was financed through a grant from the Georgia Environmental Protection Division.”
 - d. Division's said license and rights and Grantee's said rights shall not be affected or revoked by the termination provisions of Paragraph 6 of this Agreement.
8. **Grantee's Warranties and Covenants.** The Grantee warrants and covenants to the Division all of the following:
- a. The entirety of the Project shall be carried out in accordance with all applicable federal, State and local laws, rules, regulations and ordinances, including but not limited to the Georgia Rules for Solid Waste Management (Rules) and the Georgia Comprehensive Solid Waste Management Act (Act).
 - b. The Grantee will obtain, will modify as needed, and/or will operate in compliance with any required permits issued by the Division to address the handling of the recovered materials or solid waste pursuant to the Project.
 - c. The Project will be performed in a workmanlike manner, consistent with that level of care and skill ordinarily exercised by such entities and with sound principles commonly used by similar professionals under similar circumstances and further warrants that the Project will be performed as intended and described in Appendix A.
 - d. All information contained in its grant application was, as of the date the grant application, and will remain, until the termination of this agreement, complete, accurate and correct in every way, and that the Grantee is not aware of any circumstances that may cause any information included in the grant application to become incorrect or otherwise change the scope of the Project subsequent to the Effective Date.
 - e. It has not employed or retained any company or person, other than a bona fide employee working solely for him, to solicit or secure this Agreement and that he has not paid or agreed to pay any person, company, corporation, individual, or firm,

other than a bona fide employee working solely for him, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or the making of this Agreement.

- f. It has, or will secure, all personnel required in performing the Project. Such personnel shall not be employees of or have any contractual relationship with the Division.
 - i. The Project will be performed by the Grantee or under its supervision, and all the personnel engaged by the Grantee to perform the Project shall be fully qualified and shall be authorized under state and local law to perform the same.
 - ii. The Division, or its authorized representatives, shall have the right to enter into the premises of Grantee and/or all subcontractors, or any places where the Project is being performed, to inspect, monitor, or otherwise evaluate the performance of the Project.

9. **Miscellaneous Provisions.**

- a. **Taxes.** The State is exempt from Federal Excise Taxes and from State and Local Sales and Use Taxes. The Grantee will pay all taxes lawfully imposed upon it that may arise with respect to this Agreement.
- b. **Georgia Open Records Act.** All products, reports, information, data, etc., given to, derived from, prepared by, or assembled by the Grantee (the “Materials”) in the performance of this Agreement shall be governed by the Georgia Open Records Act. The Division expressly acknowledges and agrees that Grantee is an “agency” as defined in O.C.G.A. § 50-18-70 and is consequently subject to the Georgia Open Records Act. Grantee shall inform the Division in writing if it receives any requests for the Materials pursuant to the Georgia Open Records Act.
- c. **Assignability.** Grantee shall not transfer or assign all or any of its right, title or interest in this Agreement or delegate any of its duties or obligations hereunder to any party other than the Grantee.
- d. **Interest of Agreement.** The Grantee hereby attests that it and all of the officials of the Grantee have not violated any applicable conflict of interest law under either state law (O.C.G.A. §§ 45-10-20 through 45-10-28 and O.C.G.A. §§ 36-67A-1 through 36-67A-4) or under any local ordinance, charter, rule or regulation and that they shall comply with the same throughout the term of this Agreement.
- e. **Division Intellectual Property.** The Grantee agrees it will not use the name or any intellectual property, including but not limited to, the Division’s trademarks or logos in any manner, including commercial advertising or as a business reference, without the express prior written consent of the Division.
- f. **Right to Audit and Access to Records.** The Grantee shall maintain books, records and documents in accordance with generally accepted accounting principles and procedures and which sufficiently and properly document and calculate all

expenditures related to the Project throughout the term of the Agreement for a period of at least five (5) years following the date of final disbursement or completion of any required audit, whichever is later. Records to be maintained include both financial records and service records. The Grantee shall permit the Auditor of the State of Georgia or any authorized representative of the State to access and examine, audit, excerpt and transcribe any directly pertinent books, documents, papers, electronic or optically stored and created records or other records of the Grantee relating to orders, invoices or payments or any other documentation or materials pertaining to the Agreement, wherever such records may be located during normal business hours. The Grantee shall not impose a charge for audit or examination of the Grantee's books and records. If an audit discloses incorrect billings or improprieties, the Division reserves the right to charge the Grantee for the cost of the audit and appropriate reimbursement. Evidence of criminal conduct will be turned over to the proper authorities.

- g. **Entire Agreement; Modification.** This Agreement represents the sole and complete understanding of the terms of the Agreement between the Parties hereto with respect to the subject matter contained herein and supersedes all prior agreements and understandings, oral or written, with respect thereto. No modification or amendment to this Agreement will be binding on either party hereto unless such modification or amendment is reduced to a writing executed by both Parties. Any changes in the scope and/or duration of this Agreement shall be mutually agreed upon by and between the Division and the Grantee in a writing executed in accordance with this Paragraph.
- h. **Liability.** Each Party shall be responsible for its negligent acts or omissions and the negligent acts or omissions of its employees, officers, or directors, to the extent allowed by law.
- i. **No Indemnification; Waiver.** Grantee acknowledges that the Division is an agency of the State of Georgia and is prohibited from indemnifying Grantee or any other parties. The Grantee waives, releases, relinquishes, and discharges any and all claims or demands against Grantee or contractors of Grantee for any damages of any nature whatsoever that in any way relates to or arises out of this Agreement or the disbursement of the Grant Amount hereunder, even if such claims or demands are made against the Grantee or contractors of Grantee and even if the Grantee knew the existence of such claims.
- j. **Applicable Law.** The Parties agree that this Agreement and all rights, privileges and responsibilities shall be interpreted and construed according to the laws of the State of Georgia.
- k. **No Waiver.** The failure of the Division or Grantee at any time to require performance by the other party of any provision hereof, shall in no way affect the right of the Division or Grantee thereafter to enforce that same provision or any part of the Agreement, nor shall the failure of the Division or Grantee to enforce any breach of any provision hereof be taken or held to be a waiver of such provision, or as a waiver, modification or rescission of the Agreement itself.

1. **Binding Authority.**

- i. The Division warrants that the Director has the authority to bind the Division.
- ii. Grantee's signatory(ies) warrant that it is fully authorized and empowered by all necessary and appropriate official action on the part of the governing body of the Grantee to execute this Agreement and to bind the Grantee thereto.

m. **Counterparts; Electronic Signature.** This Agreement may be executed in any number of counterparts, all of which together shall constitute one and the same instrument. The Parties agree that any electronic signatures on this Agreement hereto constitute original, valid signatures pursuant to the Uniform Electronic Transactions Act, O.C.G.A. § 10-1-21 *et seq.*

n. **Severability.** If any one or more of the provisions of this Agreement are for any reason held by any court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability will not affect any other provision, and this Agreement will be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

o. **Notice.** All notices, correspondence requests, demands, waives and other communications required or permitted to be given under this Agreement shall be made in writing and shall be deemed to have been duly given if delivered by U.S. Mail, postage paid, sent by nationally recognized overnight courier, or by electronic mail to the contacts as follows:

If to the Division:
Georgia Environmental Protection Division
Recovered Materials Unit
4244 International Parkway
STE 104
Atlanta, GA 30354
[REDACTED]

If to Grantee:
Eric Meyer
Agency Executive Director
City of Powder Springs
4484 Marietta Street
Powder Springs, 30127
770-943-1666, ext. 350
emeyer@cityofpowdersprings.org

IN WITNESS WHEREOF the Division and the Grantee have executed this Agreement as of the date of the last signature hereunder.

**The Environmental Protection Division of
the Department of Natural Resources,
State of Georgia**

City of Powder Springs

Richard E. Dunn
Director
Date:

Print name:
Title:
Date:

Recycling, Waste Reduction, and Diversion Grant

Application Instructions

Please review the Grant Program Guidelines and these instructions carefully before applying.

The application consists of the following components, which must be fully completed to be considered for review:

1. Cover Sheet
2. Project Narrative
3. Budget Narrative
4. Budget Form
5. Supporting Materials

Please attach all supporting material documentation to the application. If a single email, including all supporting material(s), exceeds the email size limit, supporting material(s) may be sent separately. Applications may be submitted electronically through email or mailed. Applications may also be hand delivered. Applications through fax will not be accepted.

Mailing and Street Address: Georgia Environmental Protection Division
Recovered Materials Unit
4244 International Parkway, Suite 104
Atlanta, GA 30354

Email Address: 


The application period will open August 1, 2022. The deadline for submitting applications is 4:30 PM on September 30, 2022.

Additional information about the RWD Grant and supporting documents can be found at the following website address:

<https://epd.georgia.gov/recycling-waste-reduction-and-diversion-grant>

RWD Grant Application

SECTION ONE: Cover Sheet

Project Title	Powder Springs Drop-Off Recycling Center		
Local Government/Entity	City of Powder Springs		
Federal Tax ID	[REDACTED]		
Mailing Address	4484 Marietta Street		
City	Powder Springs		
ZIP	30127-4803		
County	Cobb		
Primary Contact Name	Eric Meyer	Secondary Contact Name	Pam Conner
Title	Agency Executive Director	Title	City Manager
Organization	City of Powder Springs	Organization	City of Powder Springs
Phone	770-943-1666, ext. 350	Phone	770-943-1666
E-Mail	emeyer@cityofpowdersprings.org	Email	pconner@cityofpowdersprings.org
Brief Project Description <i>(2-3 sentences)</i>	The City of Powder Springs is respectfully requesting grant support to purchase vital equipment to establish a multi-stream recycling drop-off center in the City of Powder Springs.		
Project Start Date	1/1/2023		
Project End Date	12/31/2023		
Grant Amount Requested	\$ 107,000		
Match Amount	\$ 35,000		
<p>I, the undersigned authorized representative of the applicant, certify that to that to the best of my knowledge, the information contained herein is true and correct, the document and project has been duly authorized by the governing body of the applicant, and, if funded, the applicant will carry out the implementation steps in the manner described in this application. I also certify that the applicant shall maintain accounting records in accordance with generally accepted government accounting principles and that the funds awarded will be included in those audits or financial statements that cover all or part of the project duration period noted above.</p>			
Official Signature			
Name (print)	Eric Meyer		
Title	Agency Executive Director		
Date of Signature	9/30/22		

SECTION TWO: Project Narrative

1. Project Need and Purposes
 - a. Identify the need or problem.
 - b. Describe your project and how it will meet this need for the proposed affected community. Additional details may also include:
 - i. Community served (names of counties, municipalities, towns, etc.).
 - ii. Community demographics, population etc.
 - iii. Current solid waste management and/or recycling system and relevant previous recycling, waste reduction, or diversion projects.
2. Project Objectives
 - a. Identify Objectives and “Specific, Measurable, Attainable, Relevant, and time-bound (SMART)” Goals for the project.
 - b. Describe the quantifiable metrics that will be used to evaluate the project’s impact on recycling, waste reduction, and/or diverting recoverable materials from the solid waste stream. Describe your project evaluation process.
3. Project Implementation and Timeline
 - a. Provide a robust plan with clearly identifiable steps for project implementation that are likely to result in the achievement of identified objectives and goals.
 - b. Describe the project start, milestone, and completion dates.
4. Project Metrics and Evaluation
 - a. Identify the metrics that will be used to measure project success.
 - b. Describe how those metrics will demonstrate that the project is likely to result in increased recycling, diversion of waste from landfills, and/or waste reduction. Examples include weight or volume of materials diverted from the solid waste stream.

Applications that describe any of the following may be assigned bonus points:

1. Describe coordination with other local governments (if the project is regional or multi-jurisdictional involving two or more local governments) Indicate who the lead is (if not the applicant).
2. Identify how the project is consistent with the local or regional solid waste management plan or other recycling, waste reduction, and/or diversion projects and activities.
3. Describe how the project brings together new resources or innovative approaches to recycling, waste reduction, and diversion.
4. Describe the applicant’s “Buy recycled” ordinances, policies, practices or procedures
5. List Georgia based suppliers for products and/or services.
6. Describe any additional environmental benefits of the project such as water conservation, emissions reduction, and energy conservation.
7. Participation in the Georgia Municipal Measurement Program.

(Insert narrative here)

The City of Powder Springs

Georgia Environmental Protection Division Recycling, Waste Reduction, and Diversion Grant

Powder Springs Drop-Off Recycling Center

Project Narrative

1. Project Need and Purposes

a. Identify the need or problem.

The City of Powder Springs does not currently have a curbside recycling option for residents who wish to keep their reusable household items out of the solid waste stream. Additionally, Cobb County recently closed three of its four recycling centers available to county residents. The City conducted a study in the Spring of 2022 to determine the most cost-effective way to provide residents with an option to recycle. As a result, the City is working to implement a convenient and accessible drop-off recycling location for the community in the heart of growing Powder Springs.

b. Describe your project and how it will meet this need for the proposed affected community.

In August 2022, the City conducted an evaluation study with an outside consulting firm to study the options for implementing a recycling system in the City of Powder Springs. The evaluation compared curbside recycling handled by an outside vendor, curbside recycling operated by the City, and the establishment of a community drop-off center. The study discovered that a community drop-off center could be offered at 19% of the operational costs of using a vendor and 27% of the city's own curbside collection effort. The decision to establish a drop-off recycling center is financially conscious and will help to measure the community's desire to participate in municipal recycling efforts.

The Powder Springs Drop-Off Recycling Center will offer the surrounding community a convenient and low-barrier location to dispose of their recyclable items. To be located at the City's Public Works Complex (3006 Spring Industrial Drive, Powder Springs), the City's drop-off center will collect standard recyclable materials such as cardboard, paper, plastics, glass, aluminum, and tin cans. The center will initially be open to the public on Saturdays and Sundays and will be staffed by City employees.

This project will create a first-of-its-kind drop-off center directly located in the City of Powder Springs. The center will be a multi-stream collection effort, where employees will be responsible for separating items on site. This will reduce the contamination rate in the City's recycling collections and reduce the amount of waste being diverted to the solid waste stream. The collected items will then be transported to a nearby recycling center partner, creating a type of hub and spoke center for recycling.

In recent years, the City of Powder Springs has made a significant push to create a more livable and sustainable city for all residents. These efforts include offering residents more community assets and resources in Downtown Powder Springs to promote a livable, walkable, bikeable town center. Having a method for residents to partake in household recycling is a crucial factor in this effort. Without a recycling



process, the community's recyclable waste will find its way into the solid waste stream, adding to the amount of garbage the city exports. The Powder Springs Drop-Off Recycling Center will be a significant first step to reducing the community's footprint and promoting further adoption of sustainable practices throughout the City.

About the Community

The City of Powder Springs, Georgia, is a growing municipality located approximately 22 miles outside of Atlanta in Cobb County. The city has experienced significant growth over the last 40 years, blossoming from a small town of approximately 3,300 residents in 1990 to a thriving and diverse community of 17,083 residents as of 2021 (U.S. Census Bureau). The area has a rich history that played an essential role during the Civil War and the Battle of Kennesaw Mountain. In the late 1800s, Powder Springs was a very rural town, solely home to farmland and few houses, but it was a community where black and white residents lived side-by-side.

Today, Powder Springs is a healthy and vibrant suburban community, offering a safe and diverse environment for residents of all ages to enjoy a high quality of living. The city has a median household income of \$72,810, and 6% of residents live in poverty (U.S. Census Bureau QuickFacts). A 56% majority of residents are African American, 29.5% are White, and 14.7% are Hispanic/Latino.

As the metropolitan Atlanta region continues to grow, Powder Springs continues its growth due to its proximity to the city, diverse population, and desirable amenities it provides for its residents. The city is making efforts to create a dynamic and livable community for all residents, bringing new development and vision-focused planning to the city's future. With many new residential and commercial developments happening in the city, it is crucial to ensure the proper infrastructure is in place to offer sustainable waste management in the community.

2. Project Objectives

a. Identify Objectives and "Specific, Measurable, Attainable, Relevant, and time-bound (SMART)" Goals for the project.

The objectives of the Powder Springs Drop-Off Recycling Center project include:

- Establish a method for Powder Springs residents to partake in recycling efforts
- Reduce the number of materials picked up in garbage collection and disposal collection
- Test the overall interest of Powder Springs residents to participate in recycling
- Test the drop-off center concept to determine if hours of operation should be expanded

b. Describe the quantifiable metrics that will be used to evaluate the project's impact on recycling, waste reduction, and/or diverting recoverable materials from the solid waste stream. Describe your project evaluation process.

To determine the impact of preventing materials from entering the solid waste stream, the City of Powder Springs will measure the volume of the materials collected at the drop-off center. Materials will be collected in a multi-stream effort, so each type of recyclable material will be separated into categories. The City will compile monthly, and annual totals for each category collected and transported to the partner recycling center.



3. Project Implementation and Timeline

a. Provide a robust plan with clearly identifiable steps for project implementation that are likely to result in the achievement of identified objectives and goals.

The City of Powder Springs has recently begun to pursue plans to establish a drop-off recycling center in the city limits. Space was identified at the existing Public Works facility at 3006 Spring Industrial Drive, Powder Springs, to serve as the permanent drop-off location. In the Fall of 2022, the City is working to prepare the space by clearing the area, laying down pavement, constructing a fence to prevent unwanted dumping, and installing security cameras to monitor the site.

The City plans to soon issue a Request for Proposals (RFP) to collect bids from waste removal vendors who will transport the separated materials from the Powder Springs site to a nearby collection facility. The City expected vendors to provide a cost estimate for the removal and transportation of the materials, as well as an estimated purchase price rate for the materials. Once the RFP window has closed, the City will review the sealed bids and determine the best candidate to form a partnership with.

In early January 2023, Powder Springs will purchase twelve 2.5 cubic yard tilting bins to be placed on-site. These bins will allow the city to implement a multi-stream collection system for residents to dispose of their various recyclables while offering ease of use for the waste management vendor. Additionally, the city plans to purchase six six-cubic yard metal bins to house items with higher collection quantities. The drop-off site will collect items such as cardboard, mixed paper, mixed glass, ferrous metals, aluminum, and plastics 1 and 2.

Powder Springs plans to purchase specialized equipment to be used at the drop-off site to ensure efficiency and the maximum utilization of limited space. These items include a forklift to move the tilting bins around the site with ease and a vertical baler to process or compress waste materials with a vertical downward force. This will help reduce the amount of space used on the site and increase the drop-off center's capacity to accept more items.

Powder Springs will employ two individuals to manage the drop-off center's operations. A part-time employee will staff the center during the weekend collection hours on Saturday from 9:00 AM to 5:00 PM and Sunday from 1:00 PM to 6:00 PM. This individual will be responsible for handling the items brought in by residents and ensuring they are placed into the correct receptacles. A full-time employee will work at the drop-off center during weekdays to arrange pickups, load materials into sanitation trucks, and, most importantly, ensure quality control is maintained in the multi-waste streams collected during the weekends.

The selected waste management vendor will visit the site during the week to collect and transport the items to the nearby recycling processing facility. The vendor will weigh each waste stream to determine the amount of waste that was diverted from the solid waste stream.

The Powder Springs Drop-Off Center will be expected to be fully operational in January 2023. This will be an ongoing project for the City, ensuring residents have continued low-barrier access to recycling resources in the community. The project will create a recycling system in an area of Cobb County where there is not currently one in place. The City of Powder Springs is requesting support from the Georgia Environmental Protection Division to acquire the necessary and crucial equipment that will serve as the effort's infrastructure moving forward.



b. Describe the project start, milestone, and completion dates.

November and December 2022 (Not using EPD Funding)

- Site Preparation (Paving, constructing fence, and installing cameras)
- City issues an RFP for a waste disposal vendor

January 2023

- Project Grant Period Begins
- City purchases equipment for the Drop-Off Center
- City hires a full-time and part-time employee for the Drop-Off Center

January through December 2023

- Ongoing collection of recyclable materials

December 2023

- Project Grant Period Complete

4. Project Metrics and Evaluation

a. Identify the metrics that will be used to measure project success.

The City of Powder Springs will use the following metrics to determine the project's success::

- Calculating the number of residents who visit the Drop-Off Recycling Center on a weekly and monthly basis. This will be used to determine community interest and demand. The City aims to have at least 10% of the residents participate.
- Weighing the weekly volume of each waste stream collected to determine the amount of items collected by type. These numbers will depict the total amount of materials diverted from the solid waste stream. The City aims to collect at least 3,150 cubic yards for recyclable materials in one year.
- Powder Springs will use the amount of materials collected to calculate the total reduction of greenhouse gas emissions as a result of the collection efforts.

b. Describe how those metrics will demonstrate that the project is likely to result in increased recycling, diversion of waste from landfills, and/or waste reduction. Examples include weight or volume of materials diverted from the solid waste stream.

The metrics above will provide a snapshot of the overall interest that Powder Springs residents and the surrounding community have in participating in the collection of recyclable materials. The City plans to see a large portion of residents visiting the Powder Springs Drop-Off Recycling Center, indicating a strong desire for the City to explore more sustainable efforts.

Measuring the total volume of items collected will help the City determine the total amount of waste that the drop-off site helped to divert from the solid-waste stream. Without the drop-off site, Powder Springs residents will have no convenient alternatives to disposing of household waste that can be recycled. The quantitative results will also help the City to determine if the drop-off hours should be expanded, providing residents with more opportunities to recycle their materials and potentially increasing the number of items collected.



Applications that describe any of the following may be assigned bonus points:

1. Describe coordination with other local governments (if the project is regional or multi-jurisdictional involving two or more local governments) Indicate who the lead is (if not the applicant).

The Cobb County Government recently closed three of its recycling drop-off locations, leaving many citizens without convenient access to a place to discard recyclables. By establishing the Powder Springs Drop-Off Recycling Center, the City of Powder Springs will fill the void left by these closures, welcoming Cobb County residents who live outside of the Powder Springs boundaries.

3. Describe how the project brings together new resources or innovative approaches to recycling, waste reduction, and diversion.

The Powder Springs Drop-Off Recycling Center will be a new and innovative concept for the city, which currently does not offer any recycling options for its residents. The effort will open the door to promoting more sustainable efforts in the city and ultimately reduce the amount of solid waste exported from the city.



SECTION THREE: Budget Narrative

1. Budget Amount
 - a. Indicate the amount requested from EPD through the RWD Grant.
 - c. Describe any match items, if applicable.

2. Cost Effectiveness and Project Longevity
 - a. Describe how the funds will be spent.
 - b. Describe the cost effectiveness of the project. An example includes grant dollars spent per weight/volume of materials diverted from the solid waste stream.
 - c. Describe how the project and its benefits are likely to be perpetuated after RWD Grant funds have been expended without additional funding from the State. Examples include tipping fees, usage fees, or brokerage of recovered materials.

(Insert budget narrative here)

The City of Powder Springs

Georgia Environmental Protection Division Recycling, Waste Reduction, and Diversion Grant

Powder Springs Drop-Off Recycling Center

1. Budget Amount

a. Indicate the amount requested from EPD through the RWD Grant.

\$107,000

b.. Describe any match items, if applicable.

The City of Powder Springs will provide approximately \$35,000 in match funding for this project. This includes approximately \$10,000 for site preparation (pavement, fencing, and installation of cameras), \$3,000 in marketing materials to promote the center to area residents, \$20,000 for an SA-01 Retrofitting for the project, and \$2,000 to produce directional and instructional signage for the drop-off center. Additionally, the City will employ one full-time and one part-time employee to manage the drop-off site. These monetary expenses can be considered a matching effort, but the City does not currently have an estimated value for these positions at this time.

2. Cost Effectiveness and Project Longevity

a. Describe how the funds will be spent.

Funds from RWD Grant would be used to purchase critical equipment needed to implement the Powder Springs Drop-Off Recycling Center. A total of \$107,000 will be needed to purchase the infrastructure required for this project. The City will acquire a forklift for \$40,000 that will be used to move and transport the tilting bins around the drop-off site and deposit materials into the trucks that will transport them to the recycling center. A vertical baler will be installed for \$25,000, allowing the City to compress certain materials such as plastic and cardboard. In doing so, the City will maximize capacity at the drop-off site and make transporting these materials much easier for the partner vendor. Twelve 2.5 cubic yard tilting bins will be purchased for \$24,000 to allow onsite multi-stream collection. Six 6 cubic yard metal bins will be purchased to house quantity materials onsite, allowing for multi-stream collection.

b. Describe the cost-effectiveness of the project. An example includes grant dollars spent per weight/volume of materials diverted from the solid waste stream.

With the City planning to collect at least 3,150 cubic yards of recyclable materials in one year, the project's ongoing costs will be minimal compared to the impact that diverting these materials from the waste stream would have. The upfront investment in purchasing materials and equipment to establish the drop-off center will lay the groundwork to provide Powder Springs and Cobb County residents with an accessible recycling center for years to come.



c. Describe how the project and its benefits are likely to be perpetuated after RWD Grant funds have been expended without additional funding from the State. Examples include tipping fees, usage fees, or brokerage of recovered materials.

After the initial investment, the Powder Springs Drop-Off Recycling Center will provide a low-cost, ongoing solution to the lack of accessible recycling resources available in the community. The evaluation conducted in August 2022 showed that a recycling center would provide the city with savings of up to 70% compared to establishing a curbside recycling program. This will ensure the center's longevity in continuing to exist for Powder Springs residents. Additionally, Powder Springs will expect to see additional cost savings collected from the brokerage of recovered materials. The vendor responsible for transporting the collected items will provide the city with a percentage of the compensation received when depositing the materials at the drop-off center.



SECTION FOUR: Budget

1. Complete the budget below to detail the amount and intended use of funds requested for each expenditure.
2. Provide information about any match items (including in-kind matches such as resources or staff time). Documentation for expenses should be provided, such as quotes for equipment purchases or payroll for salary costs. Match items should also be documented through letters of commitment, copies of checks, payroll records, etc. Documentation for expenses and match items may be submitted as Supporting Materials.
3. The Anticipated Expenditure Date should list the quarter or quarters in which the expense is expected to occur. The timeline cannot exceed 24 months.
4. Additional rows may be added as necessary.

Budget

Item #	Description	Grant Funds Requested	Match Contribution		Anticipated Expenditure Date	Subtotal
			In-Kind	Cash		
1	Forklift	\$ 40,000.00				\$ 40,000.00
2	Vertical Baler	\$ 25,000.00				\$ 25,000.00
3	2.5CY Tilt Bin (Qty 12 x \$2,400)	\$ 24,000.00				\$ 24,000.00
4	6CY Metal Bin (Qty 6 x \$3,000)	\$ 18,000.00				\$ 18,000.00
5	Site Prep	\$		\$ 10,000.00		\$ 10,000.00
6	Marketing	\$		\$ 3,000.00		\$ 3,000.00
7	SA-01 Retrofit	\$		\$ 20,000.00		\$ 20,000.00
8	Signage	\$		\$ 2,000.00		\$ 2,000.00
9		\$				\$ -
10		\$				\$ -
11						\$ -
12		\$				\$ -
Total		\$ 107,000.00	\$ -	\$ 35,000.00		\$ 142,000.00
						142,000

SECTION FIVE: Supporting Materials

1. Attach supporting material(s) as needed. Supporting material(s) should be clearly labeled and identified.

ATTACHMENT 1

Powder Springs Recycling Drop-Off Center Presentation





Recycling Center Plan & Budget

08.31.2022

Outline

- ▶ Materials Collected
- ▶ Site Plan
- ▶ Equipment
- ▶ Staffing
- ▶ Process



Materials Collected

- ▶ Cardboard*
- ▶ Mixed Paper*
- ▶ Mixed Glass
- ▶ Ferrous Metals
- ▶ Aluminum
- ▶ Plastics 1 & 2**

* Vertical Baler

** Compacted in SA01 and hauled to Westrock



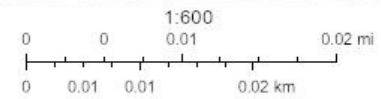
Site Plan

Cobb Parcel Map



8/31/2022, 4:31:41 PM

-  Parcels
-  Cobb County Georgia Boundary



Equipment

Item	Quantity	Unit Cost	Total Cost
Forklift	1	\$40,000	\$40,000
Vertical Baler	1	\$25,000	\$25,000
2.5CY Tilt Bin	12	\$2,400	\$24,000
6CY Metal Bin	6	\$3,000	\$18,000
Site Prep			
Marketing			\$3,000
SA-01 Retrofit			\$20,000
Signage			\$2,000
TOTAL			

Staffing



- ▶ 1 Part-Time, Weekend Attendant
 - ▶ Saturday, 9am-5pm
 - ▶ Sunday, 1-6pm
- ▶ 1 Full-Time, Weekday Manager
 - ▶ Contamination Quality Control
 - ▶ Forklift
 - ▶ Loading Sanitation Truck with Plastics
 - ▶ Arranging Pick-ups



ATTACHMENT 2

City's Evaluation of Recycling Options



Evaluation of Options for Recycling Drop-Off Centers

City of Powder Springs
August 2022



Alternatives to Curbside Recycling with Current Contractor Presented in April 2022

	Advantages	Disadvantages	Est. Capital Costs	Est. Operating Costs (FY23)
Curbside recycling by new contractor	Least disruption to current system Avoids potential objection from residents that a current public service Level of service provided to most communities in US Potential to minimize disposal costs	Costs likely to increase dramatically Long lead time for new contractor Less control than City providing service	N/A	\$473,220 ¹
Curbside recycling by City	More control over level of service Minimal disruption to current system Avoids potential objection from residents that a current public service Level of service provided to most communities in US Potential to minimize disposal costs	Capital outlay required Annual operating costs may be higher than current contract depending on approach May be challenging to have vehicle and staff in place when current contract ends	\$339,134 to \$676,824 ²	\$149,454 to \$340,717 ²
Drop-off center only	Lower cost than curbside Still providing recycling option for residents	Less convenient for residents Lower participation and diversion than curbside Need to identify location, contract for services, and hire staff	Depends on location	\$92,204 ³

Estimated Tons Received at Drop-off Centers with 10% Participation

	Tons per Year	Tons per Month
Cardboard	30.4	2.5
Mixed paper	86.2	7.2
#1 and #2 plastic bottles and jugs	22.1	1.8
Tin and steel cans	6.6	.6
Aluminum cans	5.9	.5
Glass bottles and jars	44.6	3.7
Assumptions: 10% of City's population bring 100% of their recyclables to drop-off center (or 20% of population bring 50%, etc.) Tons per household per year of each material from 2020 State of Curbside Recycling, The Recycling Partnership, Figure 1.		

Estimated Volumes and Pulls per Month

	Cubic Yards per Year	Cubic Yards per Month	8 cy containers per Month (unbaled)	20 cy containers per Month (unbaled)
Cardboard	574.0	47.8	6.0	2.4
Mixed paper	703.9	58.6	7.3	2.9
#1 and #2 plastic bottles and jugs	1,263.2	105.3	13.2	5.3
Tin and steel cans	117.3	9.8	1.2	0.5
Aluminum cans	262.7	21.9	2.7	1.1
Glass bottles and jars	235.0	19.6	2.4	1.0

Assumptions:

10% of City's population bring 100% of their recyclables to drop-off center (or 20% of population bring 50%, etc.)

Volume-to-Weight Conversion Factors U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery, April 2016.

www.epa.gov/sites/default/files/201604/documents/volume_to_weight_conversion_factors_memo_04192016_508fnl.pdf

Processors/Markets Contacted

Material	Markets Contacted
Cardboard	WestRock, Pratt. Greif
Mixed paper	WestRock, Pratt. Greif
#1 and #2 plastic bottles and jugs	WestRock
Tin and steel cans	Fulton Metals, SA Recycling
Aluminum cans	Fulton Metals, SA Recycling
Glass bottles and jars	Strategic Materials, Inc.
<p>Assumptions: 10% of City's population bring 100% of their recyclables to drop-off center (or 20% of population bring 50%, etc.) Volume-to-Weight Conversion Factors U.S. Environmental Protection Agency, Office of Resource Conservation and Recovery, April 2016. www.epa.gov/sites/default/files/201604/documents/volume_to_weight_conversion_factors_memorandum_04192016_508fnl.pdf</p>	

Projected Annual Cost based for Glass (Quote from Strategic Materials Industries)

			Annual
Container rental and hauling cost assuming 20 cy container	\$564/pull	12.0 pulls/year	\$6,768
Revenue	\$28/ton	44.6 tons/year	\$1,249
	Net projected annual cost		\$5,519

Projected Annual Cost for Combined Steel and Aluminum Cans (Quote from SA Recycling)

			Annual
Container rental and hauling cost assuming 20 cy container	\$300/pull	19.0 pulls/year	\$5,700
Revenue	\$100/ton	12.5 tons/year	\$1,250
	Net projected annual cost		\$4,450

Projected Annual Cost/Revenue for Separated Steel and Aluminum Cans *Magnet Required (Quote from SA Recycling)

Steel Cans			Annual
Container rental and hauling cost assuming 20 cy container	\$300/pull	5.9 pulls/year	\$1,770
Revenue	\$100/ton	6.6 tons/year	\$660
Net projected annual cost			\$1,110

Aluminum Cans			Annual
Container rental and hauling cost assuming 20 cy container	\$300/pull	13.1 pulls/year	\$3,930
Revenue	\$2,180/ton	5.9 tons/year	\$12,862
Net projected annual <u>revenue</u>			\$98,932

Projected Annual Cost/Revenue for Cardboard Loose

			Annual
Container rental and hauling cost assuming 20 cy container	\$300/pull	28.7 pulls/year	\$8,610
Revenue	\$95/ton	30.4 tons/year	\$2,888
	Net projected annual cost		\$5,722

Projected Annual Cost/Revenue for Mixed Paper Loose

			Annual
Container rental and hauling cost assuming 20 cy container	\$300/pull	35.2 pulls/year	\$10,560
Revenue	\$10/ton	30.4 tons/year	\$304
	Net projected annual cost		\$10,256

Projected Annual Cost/Revenue for #1 and #2 Plastic Bottles and Jars Loose

			Annual
Per pull charge for 20 cy container (incl. revenue)	\$300/pull	63.2 pulls/year	\$18,949
Revenue	\$20/ton	22.1 tons/year	\$442
	Net projected annual cost		\$18,507

Projected Annual Cost/Revenue for Cardboard Baled

Per pull charge for Flatbed			
Revenue per ton			
	Net projected annual cost		



Projected Annual Cost/Revenue for Mixed Paper Baled

Per pull charge for Flatbed			
Revenue per ton			
	Net projected annual cost		

Projected Annual Cost/Revenue for #1 and #2 Plastic Bottles and Jars Baled

Per pull charge for Flatbed			
Revenue per ton			
	Net projected annual cost		

Potential Equipment Needs

TO INCREASE MATERIAL REVENUE

- Vertical Baler
- Magnet with Conveyor

TO DECREASE CONTAINER RENTAL AND HAULING COSTS

- Carts
- Containers
- Trailer
- Compactor

Recommendations

- Materials to accept
- On-site sorting and processing
- Container types (rent or buy)
- Other equipment
- Markets for materials
- Short-term vs long-term
- Projected capital and operating costs