



ENVIRONMENTAL MANAGEMENT SYSTEM Project Financial Assistance Form

Project Title: Reducing litter impact on water quality through improved containment
 EMS: Waste Commission of Scott County Contact Person: Michael Keppy
 Email: michael.keppy@wastecom.com Phone: 563-381-1300
 Assistance Request: \$ 24,999 Matching Cash: \$ 25,503 Total Project: \$ 50,502

A. EMS Objective Association

Check the box that best describes your grant proposal.

- One or more tasks/milestones with the action plan of a **new** objective/target.
 One or more tasks/milestones with the action plan of an **existing** objective/target.
 Other, please explain: _____

Please either complete the table below or provide the same information in the format of your choice in an attachment.

Objective Description			
Action	Subject		Adoption Date
Improve	Water quality at the Recycling Campus		9/1/2024
Target 1 Description (Add sections or attachments for additional targets as needed.)			
Action	Subject	Qty to	Metric
Decrease	Recyclables entering the environment with better onsite containment at the public drop off area	2.5	Bags of litter collected
Target Time Period		Time Period Type	Component Area
CY2025		Annual	Water Quality
Baseline data, if applicable	Baseline Time Period	Qty for Period	Narrative Description (Optional)
	CY2024	5 bags per week	

B. Project Proposal (30 points)

- Concisely summarize the proposed project and its expected outcome.
 Through its EMS, the Waste Commission of Scott County has identified recyclable litter generated at its recycling campus through collection activities as a potentially significant negative impact to local water quality. As collection volumes have grown at the drop-off site consisting of six open roll-off containers, increased contamination of water outfalls has been observed. The goal of this project is to replace the current containers with larger, enclosed containers in an effort to reduce litter generation at a major source.
- List project related items that have been completed such as estimates, audits, feasibility studies, plan adoptions, board approvals, etc. Also, outline tentative tasks or activities for the project proposal.

Task/Activity	Start Date	End Date	Associates (partners, contractors, vendors)
Research appropriate type/size of roll-off container	9/1/2024	10/15/2024	
Purchase and receive new roll-off boxes	1/1/2025	3/1/2025	Gregory Container Inc.
Wrap roll-off boxes with education signage	3/1/2025	3/31/2025	Signage vendor (TBD)
Deploy roll-off boxes to customer drop-off area	4/1/2025	4/15/2025	
Continue data collection of litter mitigation activities	9/1/2024	12/31/2025	
Evaluate effectiveness of litter containment	10/1/2025	12/31/2025	

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3. Provide a more detailed narrative of the project proposal and the reasoning for its associated target. In the narrative, identify the need or problem the proposal will address, elaborate on the milestones in the table above and describe strategies for project implementation.

The Waste Commission of Scott County (WCSC) EMS has identified litter generation at its Recycling Campus as a potentially significant source of contamination to local water quality. Observations at all of the water outfalls have shown high concentrations of fiber, plastic, and glass debris at times. WCSC is looking to address this issue from a variety of angles and is currently working on a prairie planting project to develop flora that will assist in capturing and filtering debris and contamination. This project's goal is to address this issue at the customer self-service drop-off boxes which staff have identified as one of the major sources of litter generation.

The Recycling Campus currently utilizes six 30-yard roll-off boxes with open sides for collection on-site. This area is accessible 24/7 and has seen notably increased usage over the last several years. With the area being unstaffed on weekends and holidays we have observed that over those periods the boxes are routinely overfilled and recyclables that cannot fit are often left around the boxes. Thus, WCSC devotes significant staff hours each week to litter cleanup within, and if wind has been high, beyond the campus fence line.

This project aims to meet the capacity demands for drop-off recycling by our community through the purchase of six 40-yard enclosed roll-off containers to replace the existing ones. With a 25% increase in capacity the facility should be able to accommodate all current needs for recyclables to be completely contained within the boxes and greatly reduce the contamination that is observed around the campus grounds and water outfalls.

Staff currently collect an average of five bags of litter per week throughout the year with each bag having an average weight of approximately twenty pounds. The target for this objective is to reduce this amount by 50% through improved capacity and containment.

C. Project Impact & Monitoring (40 points)

4. Explain the expected environmental impact of completing the grant project and achieving its associated EMS objective/target. Identify the geographic region in which the environmental impact is expected to be realized, such as a facility fenceline, municipality, service area, etc. Also, describe the methodology to be used for measuring environmental impact.

The target for this project is the decrease of recyclables entering the environment through improved containment at the drop-off site. This has been specifically identified as a risk of contamination in water outfalls that are currently easily contaminated by fiber and plastic debris that is either small or breaks down quickly. This project is expected to impact this immediate area around the recycling campus as well as water sources that run from or through the target area. WCSC currently has a separate objective with a target measuring outgoing water quality through our prairie planting efforts, thus this project is focusing on litter collection to ensure that the issue is being addressed from the source as efficiently as possible.

5. Identify who is expected to benefit from the completion of the grant project proposal and/or EMS objective and describe what benefits are projected. Benefits may be environmental, economic, service-related, etc. Residents living around the Recycling Campus will benefit from the improvements to the environment from increased litter control and reduced contamination of water sources. Beyond the immediate region, reducing contamination to water that enters local waterways and eventually runs to the Mississippi River benefits the entire local and downstream community that relies upon the river as its primary water source. Progress and results from this project will be shared with the WCSC Commissioners as representatives of City and County stakeholders as well as through our educational tour programs. WCSC communication staff have presented to 463 people at Commission facilities and 135 as invited speakers in the past 12 months.

6. As applicable, explain how the associated EMS objective fits into a long-range plan or has environmental impacts

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beyond the target end date.

Reducing operational impact to the environment is a key part of WCSC's mission and values as well as a core component of its EMS policy. While WCSC staff strive to grow its landfill diversion programs ensuring their sustainability and longevity, through the EMS, risks and opportunities become more apparent allowing them to be addressed quickly. Addressing negative environmental impacts as quickly as possible ensures that those impacts do not become greater down the line both geographically and over time.

D. Project Budget & Economic Sustainability (30 Points)

7. Enter budget information in the table below. A minimum cash match of 25% is required for items in which financial assistance is requested.

Budget Item	Assistance Request \$	Local Share – Cash	Total
40 yard Rectangular Roll Off with 3 sliding doors per side. Qty: 8	24,999	25,503	50,502
TOTALS:	24,999	\$ 25503	\$ 50,502

8. Are three quotes or estimates for each budget item attached? Yes No
If not, provide the reason(s). Note: Project proposals may be rejected for not including three quotes or estimates for budget items.

9. Provide a detailed budget narrative related to this project and specify how grant funds will be used. The grant funds will be used for the purchase of six 40-yard roll-off boxes with closeable doors to replace the current open 30-yard boxes that are currently employed at the Recycling Campus drop-off area. After obtaining three quotes, Gregory Container Inc. was chosen to provide the boxes.

10. Identify how the project will be financially sustained once project funds are expended. Include an explanation for the continuance of such items as labor, equipment maintenance, service contracts, etc.

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After procuring the roll-off boxes, WCSC will be responsible for the transportation, maintenance, and repair of boxes throughout their serviceable lifetime.

11. Describe any expected economic benefits, resulting from the completion of the associated EMS objective, such as cost avoidance or revenue generation. As applicable, estimate the payback period for the project cost and explain how it was calculated.

The primary goal of this project is environmental improvement, however, economic benefits may be realized in the form of lower labor and material costs associated with reduced litter generation. The Recycling Campus is currently dedicating around 8 to 10 staff hours per week to litter mitigation at an internal cost estimate of \$40 per hour. With a reduction of staff time commensurate with reduced litter generation of 50%, it is estimated that this project could save up to \$8,800 per year in cost avoidance giving a payback period of approximately five years.

12. As applicable, describe how economic benefits, either immediate or after a payback period, will in turn, benefit members of your service area.

Cost avoidance within our operations benefits the members of our service area by allowing our self-funded programs to remain sustainable and keep our fees as low as possible. Additionally, reducing negative environmental impacts on ground and water resources helps to avoid future costs associated with environmental repair and decontamination.

Please Note: Unallowable costs for financial assistance or local cost-share include, but are not limited to:

1. Taxes, legal costs, or contingency funds.
2. Passenger vehicles, vehicle registrations, or vehicle/equipment leases.
3. Proposal preparation or contractual project administration.
4. Land acquisition or real estate leases.
5. Office furniture, office equipment, or software.
6. Costs for which payment has been or will be received under another federal, state, or private financial assistance program.
7. Costs incurred before a written agreement between the applicant and the department has been executed.

E. Signature

I affirm the information provided on this Application is true, and that I will provide all other information requested for further substantiation. I agree that if awarded financial assistance for a project(s), I will execute the contract the DNR provides for conveying those funds, which contract will include but not be limited to conditions for expending those funds, and for making reasonable accounting of those expenditures and matching funds or in-kind expenses.

In order to determine funding eligibility, the Department reserves the right to verify any information presented in the application and to determine the applicant's compliance status with applicable Local, State and Federal statutes and

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regulations. If an applicant is selected to receive financial assistance, an offer of financial assistance may be rescinded if the applicant is determined to be out of compliance with applicable Local, State and Federal regulations.

Al Ma, EHS Manager, EMR

Signature, Title

10/31/24

Date

F. Forms

Include signed copies of required forms with your application. Forms may be found on the EMS website:

<http://www.iowadnr.gov/Environmental-Protection/Land-Quality/Waste-Planning-Recycling/Solid-Waste-EMS/EMS-Participants>

- Minority Impact Statement

Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code Section 8.11, all grant applications submitted to the State of Iowa which are due beginning January 1, 2009 shall include a Minority Impact Statement. This is the state's mechanism to require grant applicants to consider the potential impact of the grant project's proposed programs or policies on minority groups.

Please choose the statement(s) that pertains to this grant application. Complete all the information requested for the chosen statement(s).

- The proposed grant project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project

Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks
- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

- The proposed grant project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project

Present the rationale for the existence of the proposed program or policy.

Provide evidence of consultation of representatives of the minority groups impacted.


Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks
- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

- The proposed grant project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge:

Name: 

Title: Director

Definitions

“Minority Persons”, as defined in Iowa Code Section 8.11, mean individuals who are women, persons with a disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

“Disability”, as defined in Iowa Code Section 15.102, subsection 5, paragraph “b”, subparagraph (1):
b. As used in this subsection:

(1) *"Disability"* means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"Disability" does not include any of the following:

- (a) Homosexuality or bisexuality.
- (b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania.
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

“State Agency”, as defined in Iowa Code Section 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.



Gregory Container Inc.

1385 Industrial Drive

Kahoka, MO 63445

Office: (660)-727-1350 Fax: (660) 727-1352

TO: Waste Commissions of Scott County 11555 110th Ave DAVENPORT, IA 52804 Phone: (563) 381-1300 Brian	Quote Date:	Salesman:
	09/11/24	TIANNA WESTERCAMP
	Inquiry Date:	Quote #:
		M03019

Quotation

ESTIMATED SHIPPING DATE	SHIPPED VIA	F.O.B.	TERMS	
11/20/2024		Gregory Container	Net 30 Days	
QUANTITY	DESCRIPTION	PRICE		AMOUNT
1	40YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT TEEPEE - 6-30X30 SLIDING DOORS (3) PER SIDE	\$9,440.00		\$9,440.00
1	40YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT FLAT ROOF - 6-30X30 SLIDING DOORS (3) PER SIDE	\$8,417.00		\$8,417.00
1	30YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT TEEPEE - 6-30X30 SLIDING DOORS (3) PER SIDE, GREEN, VEOLIA	\$8,694.00		\$8,694.00
1	30YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT FLAT ROOF - 6-30X30 SLIDING DOORS (3) PER SIDE, GREEN, VEOLIA	\$7,671.00		\$7,671.00

QUANTITY	DESCRIPTION	PRICE		AMOUNT
1	20YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT TEEPEE - 6-30X30 SLIDING DOORS (3) PER SIDE, GREEN, VEOLIA	\$8,149.00		\$8,149.00
1	20YD RECT. ROLL OFF 22', DUAL HOOK 62", SLANT FRONT, 41' 5/8" RAIL, STANDARD MAIN RAILS, STANDARD TOP RAIL, STANDARD SIDEWALL, SLAM LOCK, 1 COLOR, 22 FT FLAT ROOF - 6-30X30 SLIDING WINDOWS (3) PEP SIDE, GREEN, VEOLIA	\$7,125.00		\$7,125.00
	SALES QUOTE DOES NOT INCLUDE SALES TAX			
PREPARED BY: TIANNA WESTERCAMP		SUB-TOTAL		\$49,496.00
		FREIGHT COST		\$0.00
		TOTAL		\$49,496.00
QUOTE VALID FOR 14 DAYS.				

EJS Supply
PO Box 161
Long Grove, IA 52756
+15632238501
alex@ejssupply.com
www.ejssupply.com



Parts Quote

ADDRESS

Mike Keppy
Waste Commission of Scott County
5640 Carey Ave.
Davenport, IA 52807

SHIP TO

Mike Keppy
Waste Commission of Scott County
5640 Carey Ave.
Davenport, IA 52807

PARTS QUOTE # 2366

DATE 10/23/2024

SHIP VIA

Truck

DESCRIPTION	QTY	RATE	AMOUNT
40H 40 Yard Rectangular Roll Off Box, Corrugated Sealed flat roof, 3 sliding plastic door per side	4	8,795.00	35,180.00

Here is your preliminary estimate on the recycle roll off boxes. These are rectangular style with a flat corrugated top and the 3 sliding doors per side. Only 2 boxes can be shipped per truck / trailer at \$1975.00 each load.

Thank you

SUBTOTAL	35,180.00
TAX	0.00
SHIPPING	3,950.00
TOTAL	\$39,130.00

Accepted By

Accepted Date



3100 West 76th Street
 Davenport, IA 52806
 Ph: 563-391-4840

Elliott Sanitation Equip. Co.
 1245 Dawes Avenue
 Lincoln, NE 68521
 Ph: 402-474-4840

Quote

Date	Quote #
10/31/2024	21964
Proposed Shipping Date	
Terms	
Net 30	
Rep	
JJK	

4000 SE Beisser Drive
 Grimes, IA 50111
 Ph: 515-986-4840
 Fx: 515-986-9530

14219 Norby Road
 Grandview, MO 64030
 Ph: 816-761-4840

4400 E 60th Ave
 Commerce City, CO 80022
 Ph: 303-853-4840

Waste Commission of Scott County
 11555 110th Ave
 Davenport, IA 52804

Here is our quotation on the goods named, subject to the conditions noted:

CONDITIONS: The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the Home Office of the Seller. Prices are based on costs and conditions existing on date of quotation and are subject to change by the Seller before final acceptance. All quotations and agreements are contingent upon strikes, accidents, fires, availability of materials and all other causes beyond our control.

Typographical and stenographic errors subject to correction. Purchaser agrees to accept either overage or shortage not in excess of ten percent to be charged for pro-rata. Purchaser assumes liability for patent and copyright infringement when goods are made to Purchaser's specifications. When quotation specifies material to be furnished by the purchaser, ample allowance must be made for reasonable spoilage and material must be of suitable quality to facilitate efficient production. Quoted Prices are good for 60 days.

Conditions not specifically stated herein shall be governed by established trade customs. Terms inconsistent with those stated herein which may appear on Purchaser's formal order will not be binding on the Seller.

TERMS: Equipment is due on receipt. Carts, Containers, Parts & service are Net 30 unless otherwise noted on your account. Balances over 30 days from the date of invoice are subject to finance charges up to 1.5% per month.

Qty	Item	Description	Price	Total
	Recycling Container	Recycling container built to customers specifications	9,855.00	9,855.00
	Freight	Shipping & Handling delivered to customer	1,900.00	1,900.00

Total	\$11,755.00
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TO CONFIRM ORDER, SIGN AND RETURN

X _____