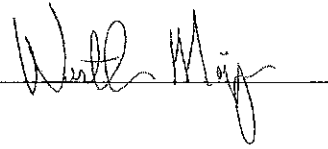


RESOLUTION No. 52-2018

Moved by: _____



A Resolution ratifying the submission of a 902 Recycling Grant Application to the Pennsylvania Department of Environmental Protection for the purpose of funding equipment to support the City of Harrisburg's expanding recycling programs.

WHEREAS, the City of Harrisburg ("City") is committed to improving and expanding its recycling programs, consistent with the requirements of the Pennsylvania Municipal Waste Planning, Recycling, and Waste Reduction Act ("Act 101"); and

WHEREAS, the City desires to purchase a new recycling truck to support the City's curbside residential and commercial recycling program; and

WHEREAS, the City desires to purchase a packer which will be attached to a recycling truck chassis and used only for the collection of recyclables; and

WHEREAS, the City desires to purchase 24 rear loading glass collection containers to support the Citywide glass recycling program; and

WHEREAS, the City desires to purchase a large wood chipper as part of the City's wood waste management program to process trees after they have been trimmed or removed from City streets; and

WHEREAS, the Pennsylvania Department of Environmental Protection provides funding for recycling program development and implementation expenses through the 902 Recycling Grant; and

WHEREAS, the City submitted a 902 Recycling Grant Application ("902 Application") to the Pennsylvania Department of Environmental Protection in order to receive reimbursement funds for equipment to support the City's recycling programs; and

WHEREAS, the City submitted the 902 Application on April 6, 2018 so as not to miss the April 7, 2018 application deadline; and

WHEREAS, a copy of the grant application is attached and incorporated as "Exhibit A," and

WHEREAS, the voluminous appendices are being made available in digital form.

NOW, THEREFORE, BE IT AND IT IS HEREBY RESOLVED BY THE COUNCIL OF THE CITY OF HARRISBURG, that submission of the grant application to the Pennsylvania Department of Environmental Protection for the purpose of funding equipment to support the City's recycling programs is hereby ratified.

BE IT FURTHER RESOLVED that the Mayor, City Controller and other appropriate City officials are authorized and directed to take all steps necessary to further effectuate the purpose of this resolution.

I second this resolution *[Signature]*

~~RESOLVED ON~~ June 26, 2018
Wanda R. O. Williams
President of City Council
[Signature]
City Clerk

Approved
 Returned to City Council with objections

YEAS		NAYS
	MR. ALLATT MS. DANIELS MS. GREEN MR. JOHNSON MR. MADSEN MR. MAJORS MS. WILLIAMS	
Yeas	<u>7</u>	
Nays	<u>0</u>	

INTER

OFFICE

MEMO

To: HARRISBURG CITY COUNCIL
From: Kirk Petroski, City Clerk
LEGISLATIVE APPROVAL FORM

Date:

LEGISLATIVE APPROVAL FORM/CERTIFICATE OF ACCEPTANCE

BILL NO. -2018 RESOLUTION NO. 52-2018

THE ABOVE LISTED ITEM WAS WRITTEN AND PREPARED FOR FINAL INTRODUCTION AT THE HARRISBURG CITY SOLICITOR'S OFFICE ON:


Deputy City Solicitor

4/20/2018
Date

Requested by Department/Bureau: Finance

Department/Bureau Contact Person: Rebecca Vollmer/Bruce Weber

For Action on or before:

The attached was received in the Office of the City Clerk for introduction on

Received by: 

Date: 4-20-18

E x h i b i t “A”

Application No. _____

 Dept. use-only

APPLICATION FOR RECYCLING PROGRAM GRANT
PART I - APPLICANT INFORMATION


PLEASE FOLLOW ALL INSTRUCTIONS AS PROVIDED

1. MUNICIPALITY NAME CITY OF HARRISBURG
 Home Rule
 1st Class Twp.
 2nd Class Twp.
 Town
 SWA
 Municipality
 Borough
 City
 COG
 County
 Authority
 Other: _____
2. OFFICIAL BUSINESS ADDRESS Bureau of Financial Management
 BOX _____
 STREET 10 North Second Street
 CITY Harrisburg
 PA ZIP 17101
3. COUNTY Dauphin
4. CONTACT PERSON: Mr. Ms. Rebecca Vollmer
 TITLE Grants Manager
5. CONTACT PERSON TELEPHONE NUMBER (717) 255-3068
6. CONTACT PERSON EMAIL ADDRESS: rvollmer@harrisburgpa.gov
7. MUNICIPALITY WEBSITE ADDRESS: http://harrisburgpa.gov/

STATEMENT AND VERIFICATION

The information contained in this grant application is true and accurate to the best of my personal knowledge or information and belief.

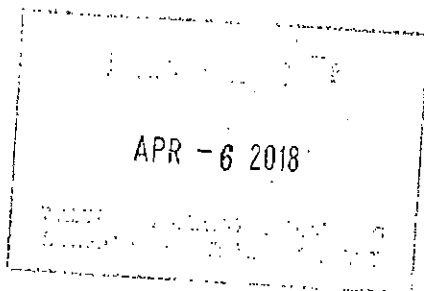
This statement and verification is made subject to the penalties of 18 Pa. C.S.A § 4904 relating to unsworn falsification to authorities, which provides that if I make knowingly false averments, I may be subject to criminal penalties.



 Signature of Elected/Appointed Municipal Official
Mayor, City of Harrisburg

 Title
April 6, 2018

 Date



PART II – EXECUTIVE SUMMARY
A. Program Information

1. What is the population of your municipality? 50,000
2. Is your municipality mandated to recycle per Act 101? YES NO
3. Does your municipality have an ordinance (rules/regulations) that requires residents to participate in a curbside recycling program? YES NO

Ordinance # 9-309.5 Date Enacted: 4/23/2013

4. Will this ordinance (rules/regulations) be updated? YES NO
- If YES, please list projected date(s): 04/10/2018. All ordinances related to recycling and sanitation are being updated to improve clarity and provide more specific information, particularly regarding ordinance enforcement. The changes being made will not affect compliance with Act 101.

5. Does your municipality have an ordinance that requires residents to participate in a waste collection service? YES NO

Ordinance # 9-307.1 Date Enacted: 07/09/2013

6. Who collects the waste?
 Municipal Employees Contracted Hauler Private Subscription Other: _____

7. Please list the haulers who collect waste in your municipality: Waste is collected and hauled by City of Harrisburg Department of Public Works Municipal Employees.

8. What is the yearly cost to residents: \$156.00/household

9. Does your municipality have an ordinance that requires commercial establishments to participate in a recycling program? YES NO

Ordinance # 9-309.9 Date Enacted: 10/23/2001

10. Does your municipality have an ordinance that regulates the burning of waste? YES NO

Ordinance # 9-309.10 Date Enacted: 10/23/2001

If YES, what items, if any, can be burned in your municipality? The burning of any designated recyclable material and leaf waste, including leaves, garden residues, shrubbery, and tree trimmings is prohibited. No waste/recyclable materials are designated as burnable.

11. Will the burning ordinance be updated? YES NO

If YES, please list projected date(s): 04/10/2018

12. What materials are currently being collected curbside from residents within your municipality(ies)? Check all that apply:

- | | | |
|--|---|--------------------------------------|
| <input checked="" type="checkbox"/> Newspaper | <input checked="" type="checkbox"/> Aluminum Cans | <input type="checkbox"/> Clear Glass |
| <input checked="" type="checkbox"/> Office Paper | <input checked="" type="checkbox"/> Steel Cans | <input type="checkbox"/> Green Glass |
| <input checked="" type="checkbox"/> Cardboard | <input type="checkbox"/> Appliances/Scrap Metal | <input type="checkbox"/> Brown Glass |
| <input checked="" type="checkbox"/> Magazines | <input type="checkbox"/> Used Motor Oil | <input type="checkbox"/> Grass |
| <input checked="" type="checkbox"/> Mixed Paper | | <input type="checkbox"/> Food Waste |

- Other Paper Fiber: Paperback Books, Paper Bags
- PET Plastic
- HDPE Plastic
- Other Plastics: Plastic Types 1-7
- Tree Trimmings/Christmas Trees
- Electronics

13. How often are the residential curbside materials collected per month?
 1X 2X 3X 4X Other: _____

14. How are the recyclable materials collected?
 Municipal Employees Contracted Hauler Private Subscription Other: _____

15. What is the yearly cost to residents? The service is free for City of Harrisburg residents.

16. Please list the haulers who collect recyclables in your municipality: Recyclables are collected by City of Harrisburg Department of Public Works Municipal Employees.

17. What materials are currently being collected at any drop-off facilities operating within or on behalf of your municipality(ies)? Check all that apply:

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Newspaper | <input checked="" type="checkbox"/> Aluminum Cans | <input type="checkbox"/> Clear Glass |
| <input checked="" type="checkbox"/> Office Paper | <input checked="" type="checkbox"/> Steel Cans | <input type="checkbox"/> Green Glass |
| <input checked="" type="checkbox"/> Cardboard | <input checked="" type="checkbox"/> Appliances/Scrap Metal | <input type="checkbox"/> Brown Glass |
| <input checked="" type="checkbox"/> Magazines | <input type="checkbox"/> Used Motor Oil | <input type="checkbox"/> Grass |
| <input checked="" type="checkbox"/> Mixed Paper | | <input type="checkbox"/> Food Waste |
| <input checked="" type="checkbox"/> Other Paper Fiber: _____ | | <input type="checkbox"/> Tree Trimmings/Christmas Trees |
| <input checked="" type="checkbox"/> PET Plastic | | <input checked="" type="checkbox"/> Electronics |
| <input checked="" type="checkbox"/> HDPE Plastic | | |

Operating Hours: The items checked above can be recycled at the Dauphin County Recycling Center at 1625 South Paxton Street Harrisburg, PA 17104. The City of Harrisburg is in the process of re-establishing glass recycling through drop-off locations (approximately 9-12 locations), scheduled to commence on April 22, 2018. A glass recycling dumpster or cart receptacle (with a second receptacle available should the first one become full) will be stationed at each finalized drop-off location allowing for 24 hour drop-off glass recycling. The city has been collecting glass from commercial customers recently (bottles from bars and restaurants) as a test of this program.

Other Plastics: _____

18. What materials are currently being collected from (or recycled by) your commercial, institutional and municipal facilities within your municipality(ies)? Check all that apply:

- | | | |
|---|--|---|
| <input type="checkbox"/> Newspaper | <input checked="" type="checkbox"/> Aluminum Cans | <input checked="" type="checkbox"/> Clear Glass |
| <input checked="" type="checkbox"/> Office Paper | <input checked="" type="checkbox"/> Steel Cans | <input checked="" type="checkbox"/> Green Glass |
| <input checked="" type="checkbox"/> Cardboard | <input checked="" type="checkbox"/> Appliances/Scrap Metal | <input checked="" type="checkbox"/> Brown Glass |
| <input type="checkbox"/> Magazines | <input type="checkbox"/> Used Motor Oil | <input type="checkbox"/> Grass |
| <input checked="" type="checkbox"/> Mixed Paper | | <input type="checkbox"/> Food Waste |
| <input type="checkbox"/> Other Paper Fiber: _____ | | <input type="checkbox"/> Tree Trimmings/Christmas Trees |
| <input checked="" type="checkbox"/> PET Plastic | | <input checked="" type="checkbox"/> Electronics |
| <input checked="" type="checkbox"/> HDPE Plastic | | |

Other Plastics: Polypropylene, HMHDPE, Shrink Wrap

19. How are the commercial establishments' recyclable materials collected?
 Municipal Employees Contracted Hauler Private Subscription Other: _____

20. Please list the haulers who collect recyclables from commercial establishments in your municipality: The commercial customers/entities in Harrisburg recycle through a combination of municipal collection and private recycling collection through: Chambersburg waste paper, Harrisburg waste paper, Penn Waste, Waste Management, and Republic Services.

21. Is there a residential curbside program in your municipality for the collection of leaves?

YES NO

If YES, what is the collection frequency and who provides the service? Municipal curbside collection occurs twice per month, in conjunction with street cleaning, from April through December. Leaves are collected by City of Harrisburg Department of Public Works municipal employees.

Where is this material processed? The Swatara Township composting facility.

22. Is there a residential curbside program in your municipality for the collection of garden residues, shrubbery, tree trimmings and similar materials? YES NO

If YES, what is the collection frequency and who provides the service? City of Harrisburg Department of Public Works municipal employees collect shrubbery and tree trimmings at least twice per month from April through December (the same collection as for as leaf waste). There is also curbside Christmas tree pick-up during the month of January.

Where is this material processed?: The Swatara Township composting facility.

23. Is there a residential drop-off program for the collection of leaves, garden residues, shrubbery, tree trimmings and similar materials? YES NO

If YES, how often and when is the drop-off facility available to residents? Residents may access the facility anytime during its open hours, which are 8am-4pm, Monday through Friday.

Please list the drop-off facility(ies) utilized: The drop-off facility is at the Public Works facility located at 1820 Paxton Street in Harrisburg.

24. How often are residents reminded about the requirements of the recycling education program?

At least Monthly Quarterly Semiannually Annually Other: Information about the requirements of Harrisburg's recycling education program is available 24/7 via our website (<https://cityofharrisburg.zendesk.com/hc/en-us/articles/203852870-What-items-can-I-recycle->). News articles on PennLive and theburgnews.com periodically publish articles reminding City of Harrisburg residents about how (where and when) to recycle various kinds of materials. A newsletter and educational direct mailings are sent to residents semi-annually -- a copy of this direct mailing/handout is available on the City of Harrisburg's website at: <https://cityofharrisburg.zendesk.com/hc/en-us/articles/204443184-Trash-Recycling-Disposal-Guide-Residents>. Residents are also always invited and welcome to attend City of Harrisburg council meetings, at which recycling programs are discussed, and these meetings are televised.

25. What is used to remind residents of the program? (must provide documentation):

TV Radio Newsletter Calendar Direct Mailing Hand-outs
Other: Recycle Coach Mobile App website (Address): <https://recyclecoach.com/>

26. How often are commercial establishments reminded about how they should participate in the recycling program?

At least Monthly Quarterly Semiannually Annually Other: Commercial accounts/customers report the information/quantities of their materials to the City to confirm that recycling is taking place. A newsletter and educational direct mailings are sent to commercial establishments semi-annually. Any additional or new information regarding our recycling programs is also posted through the city's online newsletter.

27. What is used to remind commercial establishments of the program? (must provide documentation):

TV Radio Newsletter Calendar Direct Mailing Hand-outs
Other: _____ website (Address): <https://cityofharrisburg.zendesk.com/hc/en-us/articles/204695340-Trash-Recycling-Disposal-Guide-Business->

28. Does your municipality have a program of enforcement that periodically monitors participation, receives complaints and issues warnings for required participants and provides fines, penalties, or both?

YES NO

29. Does your municipality currently have any of the following (must provide supporting documentation for credit):

- a. Pay-As-You-Throw program where residents are charged for waste collection/disposal based on the volume (# of bags, etc.) of waste placed at the curb?
- b. Limitation on the amount (# of bags) of waste residents may place at the curb at any one time?
- c. Recycling ordinance in place for community events?
- d. A program to address littering and/or illegal dumping?

30. Describe any revenues or other financial incentives your municipality receives as a result of marketing your recyclable materials: (Do not include 904 monies) The city receives money from selling recycled cardboard; the City collects; the City earned \$65,668.59 in 2017 from such collections.

PART II – EXECUTIVE SUMMARY

B. Project Description

1. Provide a brief description of the project for which you are seeking financial support:
(Please see part III – Project Narrative to expand your description)

The CITY OF HARRISBURG seeks funding for a new recycling truck, a packer, a 12 inch tow-behind chipper (the cost of which will be defrayed by the trade-in of a Rock Screen that is currently in the City's possession), and 24 glass recycling bins.

2. If you are applying for funds to support a multi-municipal project, list the other counties or municipalities involved (please explain each municipality's involvement):

N/A

Is there an inter-municipal agreement? YES NO

If yes, please provide a copy of the agreement as supporting documentation.

Please explain the agreement: N/A

3. What population will be served by the project for which you are seeking financial support?

The 50,000 residents of the CITY OF HARRISBURG.

How many households does this represent? The CITY OF HARRISBURG comprises approximately 14,800 households.

4. What new materials will be collected by the project for which you are seeking financial support?

The CITY OF HARRISBURG will be collecting the same materials that we currently collect.

5. Will there be any changes or additions to the method of collection by the project for which you are seeking financial support? If yes, please explain:

The CITY OF HARRISBURG will collect materials in the same way that we currently collect.

6. How often will the materials be collected (for drop-off programs, when will the drop-off container be available for residents to use it?)

Existing drop-off sites will be maintained. Materials will continue to be collected from these locations weekly.

7. Will there be any changes or additions to the collection frequency by the project for which you are seeking financial support? If yes, please explain:

No.

8. Who will be responsible for the collection of recyclable materials included in the project for which you are seeking financial support?

CITY OF HARRISBURG Department of Works municipal employees.

9. Will your municipality be revising any ordinances (rules/regulations) for the project for which you are seeking financial support? YES NO

If yes, please explain:

The CITY OF HARRISBURG is in the process of revising its ordinances related to the Facility; anticipated date of the release of the updated ordinances is April 10, 2018.

10. Will your municipality be changing the frequency or methods of residential or commercial establishment education under the project for which you are seeking financial support? YES NO

If yes, please explain:

11. What are the goals of the project for which you are seeking financial support? List specific accomplishments you would like to achieve. How will you measure the project to determine if you are meeting your goals?

The CITY OF HARRISBURG seeks financial support to: (1) support the City of Harrisburg's successful and growing recycling program by the purchase of a new recycling truck; the City's current fleet of recycling trucks is aging out of usefulness; (2) support the CITY OF HARRISBURG's compliance with the material diversion requirements of Act 101; (3) increase the City's ability to efficiently chip wood that results from the trimming and removal of trees; and (4) implement a roll-out of an expanded glass recycling program, which will enhance the City's ability to remove glass from other source separated Act 101 materials and help the City maintain the value and sustainability of the single source collected recyclable materials.

PART III – PROJECT NARRATIVE

On the page provided, expand the brief project description given in Part II, question #1. Provide details to give a comprehensive view of your proposed project. This is your opportunity to convey to the Department the purpose and benefits of your project.

The CITY OF HARRISBURG seeks 902 Round 57 financial support to: (1) support the City's successful and growing recycling program by the purchase of a new recycling truck; the City's current fleet of recycling trucks is aging out of usefulness; (2) increase the City's ability to efficiently chip wood that results from the trimming and removal of trees; the proposed purchase of a new 12" chipper will occur in conjunction with the trade-in (to the same vendor) of a rock screen purchased previously with 902 funds; (3) implement the roll-out of an expanded glass recycling program, which will enhance the City's ability to remove glass from other source separated Act 101 materials, help the City maintain the value and sustainability of single source collected recyclable materials, and help ensure the City's ongoing compliance with the material diversion requirements of Act 101.

The City of Harrisburg has implemented a recycling program that has served City residents and businesses successfully for several years. Section 902 grant funds awarded during previous rounds of 902 funding have allowed the City to purchase equipment to support this program and recycling volume has increased significantly. The city recently hired a Sustainability Coordinator, dedicated to optimizing the recycling program, refining the City's Sustainability Plan, spearheading efforts to develop a City compost facility, and interfacing among the various City departments involved in collecting recyclables from residents and businesses. These results demonstrate the City's commitment to complying with Act 101 material diversion requirements, keeping the City clean, and promoting the health of the environment in general.

The City currently has two recent model recycling trucks previously purchased with 902 money that are fully employed collecting recyclable materials from City residences and businesses. These trucks are aging out of their useful lifespan. The City is applying for 902 Round 57 funds in order to purchase, among other equipment, one (1) new recycling truck. This truck will be used only for the collection of recyclables; it will not be used to collect waste.

The City currently has a 12" chipper used when City crews trim or remove trees along its streets. The chipper forms an integral part of the City's wood waste management program by quickly reducing the size of the logs and brush and allowing the City to efficiently remove street trees and reduce clean up and travel time. Chipped wood is taken directly to parks for use in landscaping as a mulch alternative. Trunk logs are hauled to Zeager in Middletown for processing. The chipper has reached the end of its useful life and requires replacement. The City would like to purchase a replacement chipper using this round of 902 grant funds. Simultaneously, the City will trade in a rock screen that was previously purchased with 902 funds and apply the trade in value toward the purchase of the 12" chipper.

Finally, the City is rolling out an expanded glass recycling program in April 2018. 12 sites throughout Harrisburg have been identified as producing significant amounts of glass waste and have been targeted for the initial roll-out of the glass recycling plan (please see attached map of glass recycling sites). The City needs specialized glass cart containers to support its glass recycling collection, and City desires to purchase these items with this round of 902 grant money.

PART IV – PROJECT SUSTAINABILITY PLAN

As outlined by Act 175 of 2002, Pennsylvania communities are to make their recycling programs more financially self-sufficient. The following questions are meant to foster an overall Sustainability Plan for your recycling program and are not intended to be the whole of the plan itself. In completing this section of the grant application and your Sustainability Plan, refer to the Department's technical report on *Building Financially Sustainable Recycling Programs* under Recycling Program Development and Implementation Grants at DEP website:

http://www.portal.state.pa.us/portal/server.pt/community/financial_assistance/14065/recycling_program_development_and_implementation_grants/589534

The Department will utilize the information given below in evaluating and prioritizing your grant proposal. Failure to complete this section will result in the denial of your grant request.

- 1a. What are the current annual costs of your recycling and waste programs? These costs can include, but are not limited to: personnel; fuel; equipment purchase; maintenance; depreciation; education; and contractual obligations. Provide an additional itemized statement.

The city of Harrisburg's Neighborhood Services, under the Department of public works carries out residential and commercial garbage collection and refuse disposal, as well as recycling of most types of common household recyclable waste (with the exception of glass) and seasonal collection of yard/leaf and woody waste. The total adjusted budget allocated for neighborhood services in 2017 was \$20,586,310 and the total cost was approx. \$19,474,000. See the attached Financial Sheet for specifics.

- 1b. How have the above recycling and waste program costs been met in the past? Include in your revenues such sources as: fees/taxes; sale of recovered materials; donations/sponsors; grants/loans; and, avoided disposal costs. Provide an additional itemized statement.

The primary source of funding for neighborhood services includes fees for general garbage and refuse collection as well as other refuse collection and disposal. The total income from garbage and refuse collection in 2017 was \$3,927,986.82, while other disposal charges (construction and demolition disposal, etc.) came to \$10,363,342.02, for a total of \$14,291,328.84 in the neighborhood services fund from 14,722 residential garbage collection accounts as well as commercial collection (commercial collection accounts vary from a minimum of \$110.65 to a maximum of \$5804.20 per month). See Financial Sheet for specifics.

2. What are the projections for future costs and revenues associated with your recycling and overall waste management program over the next five years? What capital costs for your recycling program do you anticipate procuring over that time period? What is your municipality's funding plan (excluding Act 101, Section 902 Recycling Program Development Grants and Section 904 Recycling Program Performance Grants) to ensure revenues meet or exceed costs? Provide an additional itemized statement.

The projected costs of the general waste management and recycling operations are projected to remain relatively the same over the next 5 years, barring any significant changes to Harrisburg's economic activity or population that would impact trash or recycling collection. However, Harrisburg is slated to begin collection of the waste office paper and cardboard for the state government within the city (such as the Capital Building, DEP, etc.). This will result in an increase in waste paper and cardboard of at least 30%, potentially doubling what the city of Harrisburg currently collects. Additionally, the city is going to be collecting glass for recycling starting in April 2018 at multiple drop-off locations throughout the city (approximately 9-12 locations spread out across Harrisburg). Both of these measures will likely result in slightly increased operational costs in terms of additional stops for collection, meaning potentially marginal increases in wear and tear on the waste and recycling vehicles. These costs will be offset by revenue generated through the sale of cardboard for recycling and reduction in costs by diverting significant quantities of glass from the municipal waste stream. The city currently pays \$190 per ton for waste disposal at the Susquehanna Resource Management Complex (incinerator). The city has begun testing the glass recycling on a small scale focusing primarily on commercial customers (bars and restaurants) and already diverted over 20 thousand tons of glass per truck from going to the incinerator saving the city over \$8,400 with only a small collection test sample in 2 months. The costs associated with the establishment and continual operation of the composting facility are intended to be covered as much as possible through external sources (such as this grant), however the projected yearly operational costs will be added to the total annual neighborhood services expenses. See attached Financial Sheet for specifics.

3. What strategies will your municipality pursue/implement to minimize costs and increase revenue? Include strategies for reducing waste generated/disposed and increasing recyclables collected.

Currently an annual audit is completed to evaluate waste and recycling program costs and revenue sources and to determine what adjustments can be made to increase revenue and decrease costs. The garbage collectors already report on a regular basis if they notice that any one residence or complex is producing a particularly high level of waste so that additional bins can be provided and the appropriate billing can be made. In addition to reintroducing glass collection through drop-off locations strategically placed throughout the city, Harrisburg will also work to identify residents, apartment complexes, etc. which produce a disproportionately higher amount of glass bottle or jar waste. As mentioned above, each ton of glass diverted from the general waste stream will save \$190 in disposal fees. Currently, Harrisburg is sending out collected glass for recycling to CAP glass recycling in the Allentown, PA area at 799 Smith Lane North Hampton, PA 18067. CAP primarily produces a crushed glass product used in DEP approved sand and DEP approved filler for groundwork. The operations include sorting glass by color, removing labels, and cleaning, the city simply needs to collect and deliver the waste glass collected to CAP's facility in North Hampton. It is anticipated that the glass recycling program for Harrisburg will see a reduction of 20 tons of glass per month from the municipal waste stream at a minimum as our small pilot of this program has already yielded this level of glass recycling, it is very possible that we will see glass waste diversion as high as 40 tons per month or more from the municipal waste stream for a savings of approximately \$4-8 thousand dollars. This would mean a reduction of waste disposal fees of up to approximately \$100,000 per year. See attached Financial Sheet for specifics.

The increased cardboard and waste paper that the city receives from state government operations will provide a significant increase to total revenue from recycled material and efforts will be made to get primarily commercial, but also some residential customers, to separate out paper and cardboard from the general recycling stream for separate collection (as this material is a source of revenue is collected separately).

4. What mechanisms will be employed by your municipality to monitor program costs, revenues, performance participation and efficiency?

As mentioned above, the city audits the waste and recycling operations annually to evaluate both program costs and revenue. We also take strategic measures mentioned above in order to ensure that the proper dollar amounts are being charged to each resident/account for waste collection. Glass collection is only being established officially for set drop-off locations but sanitation is going to evaluate the value of providing glass collection bins to residents and businesses that produce disproportionately higher amounts of glass each week which will result in the highest level of diversion from the waste stream (by weight). This will allow the city to divert the most glass waste from going to the incinerator (at \$190 per ton) without incurring the cost of greatly expanding glass recycling collection. Existing cardboard recycling for the city produced over \$65,000 in 2017. This number will likely increase potentially as high as doubling upon collection of the state government waste paper. Both the costs to disposing of paper as municipal waste at the incinerator as well as revenue generated from sale of paper/cardboard will continually be monitored to determine opportunities to reduce costs and increase revenue through altering or expanding the Harrisburg recycling system up-to-and-including instituting the requirement of separating out paper recyclable material for all residential and commercial customers in the future.

5. What other benefits (environmental, social, etc.) can be attributable to your recycling and waste programs?

The composting facility that is being proposed will include an educational component/program for students in the Harrisburg school district to learn about the positive aspects of composting, the environmental and social benefits, etc. The facility will also allow residents who desire it potentially free, but definitely low-cost mulch/composted material. Our recycling program will include a recycling coach phone application in the near future which will provide information and education to the general public both about our recycling programs specifically, as well as information about the positive benefits for the City of Harrisburg related to recycling in general.

6. Describe the mechanisms employed by your municipality to solicit input and support from all parties (i.e. citizens, business community, elected officials, schools waste/recycling collectors, etc.) affected by your recycling program.

The city currently employs a system of input from citizens through Harrisburg 311 (<http://harrisburgpa.gov/helpdesk/>) as well as the city's social media accounts on a continual basis. City council legislative sessions are open to the public for comment and input as well related to any city activities. When new programs are proposed or instituted there are open sessions (town halls) to inform the public and receive feedback (this was done over the past year in relation to the projected composting facility).

7. List any other programs or factors that affect the sustainability of your municipality's recycling and waste programs.

Current activity related to the export tariffs have impacted potential options for recycling and disposal in the near future which could impact the city's recycling operations, however this sort of issue would be factored into the ongoing annual evaluation of the city's recycling and waste collection system.

PART V – THE PROPOSAL

A. Project Scope of Work

List each item for which funding is being requested OR for which you are claiming the value of as match. Briefly describe the function of each item as it relates to your project. Number each item, using the same number and order for PART V.B. – FINANCIAL/WORK COMPLETION DATA. Attach additional pages as necessary.

1. Recycling truck: Estimated cost (please see estimate and specs attached) of \$174,483. City is maintaining and expanding its successful recycling program, and seeks to support this program and its compliance with City sanitation ordinances that require City to collect recyclables from residences and businesses located within the City. City's current recycling trucks are aging out of their usable lifetime. City currently has two recent model recycling trucks previously purchased with 902 money that are fully employed collecting recyclable materials from City residences and businesses. City will enhance this service with a new recycling truck, used only for recyclables (no waste), which City would like to purchase with 902 funds.

2. Packer: Estimated cost (please see estimates and specs attached) of \$102,340. Will be attached to recycling truck chassis and will be used only for collecting recyclables (no waste).

3. 12" Wood chipper: Estimated cost INCLUDING TRADE-IN of ROCK SCREEN (please see estimate and specs attached) of \$32,982. City's current chipper has reached the end of its useful life and requires replacement. This chipper forms an integral part of the City's wood waste management program, and City intends to purchase a replacement chipper using 902 grant funds. Simultaneously, against the cost of this chipper, the City will trade in a rock screen that was previously purchased with 902 funds and apply the trade in value toward the purchase of the new 12" chipper.

4. 24 rear load "custom" glass collection containers for glass recycling: Estimated cost (please see estimates and specs attached) of \$37,920 – 24 units at \$1,580 per unit. City has implemented source separated programs for glass and cardboard collection to improve the quality of collected materials and ensure City's compliance with Act 101 materials diversion requirements. City is looking to expand the source separated collection program for recyclables. As City implements glass recycling program, additional containers for glass are required, and City desires to purchase these items with 902 grant funds.

Application No.

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Dept. use only

B. Financial / Work Completion Data

Using the Project Scope of Work and the application instructions, complete the following table:

ITEM	ITEM COSTS	DEP SHARE	APPLICANT MATCH (Item costs less DEP share)
Recycling truck	\$127,617		
Glass Packer	\$102,340		
12" Chipper	\$32,982		
24 2 CY glass bins	\$37,920		
TOTAL COSTS	(\$300,859)		

**PART VI
LAND USE PLANNING FORM (LPF)**

Directions. This form is to be used by applicants submitting grant applications affected by the Department's Policy for Consideration of Comprehensive Plans & Zoning Ordinances in DEP Review of Grants and Funding for Facilities or Infrastructure and meeting the requirements of either §§ 619.2 or 1105 of the Municipal Planning Code (MPC). Please answer the appropriate questions relating to the policy that applies to your grant application on the form provided. If you need additional space, please attach additional page(s) as necessary, identifying the applicant and the question being answered.

MPC Criteria:

DEP has the authority to rely on comprehensive plans and zoning ordinances when evaluating grant or funding applications for projects located in areas of the state meeting the conditions described in any of the following three categories:

1. (a) Are you applying for funds that will be utilized to develop facilities or infrastructure as defined in the grant application instructions (p. 11)?

YES NO

If Yes, please proceed to question 1(b). If No, this policy does not apply to your application.

- (b) Does your application qualify as a de minimis proposal as defined in the grant application instructions (p. 12)?

YES NO

If Yes, this policy does not apply to your application. If No, please proceed to question 2.

2. Under § 619.2(a) of the MPC:

- (a) Is the municipality where the proposed project will be located in a county where there is a county comprehensive plan?

YES NO

- (b) Has the municipality where the proposed project will be located adopted a comprehensive plan or is it part of a multi-municipal comprehensive plan?

YES NO

- (c) Has either the county or municipality where the proposed project will be located enacted zoning ordinances?

YES NO

- (d) Are the municipal zoning ordinances, the municipal comprehensive plan and the county comprehensive plan generally consistent?

YES NO

If you answered YES to each of these questions, please proceed to question 5.

If you answered NO to any of these questions, please proceed to question 3.

3. Under § 619.2(c) of the MPC:

Has the municipality where the proposed project will be located adopted a joint zoning ordinance?

YES NO

If you answered YES to this question, please proceed to question 5.

If you answered NO to this question, please proceed to question 4.

4. Under § 1105 of the MPC:

Has the municipality where the proposed project will be located entered into an implementing cooperative agreement with the municipalities participating in the multi-municipal plan and adopted generally consistent zoning ordinances?

YES NO

If you answered YES to this question, please proceed to question 5.

If you answered NO to this question, this policy does not apply to you.

5. Please provide a brief description and specific citation to each relevant section of the elements of the county, multi-municipal, or municipal comprehensive plan that relate to the proposed project. Citations should include the title and date of the plan, section, subsection or paragraph number, and page number.

6. Are there county, multi-municipal or municipal zoning ordinances that are generally consistent with the comprehensive plan?

YES NO

7. Please describe and explain how the proposed project is consistent with relevant zoning ordinances implementing the comprehensive plan in the space provided below. Identify each relevant zoning ordinance by title and date of enactment and by appropriate section, subsection or paragraph number.

8. Will the proposed project serve more than the local community where the project will be located?

YES NO

9. If YES, please indicate the additional communities that will be served in the space provided below and indicate if you have provided notice of the proposed project to these communities?

10. Will the proposed project be consistent with the requirements of the relevant zoning ordinances, including plans for community facilities and utilities? Please explain in detail. Identify each relevant zoning ordinance by title and date of enactment and by appropriate section, subsection or paragraph number.

11. Verification. Applicants are required to obtain the signature of the Director of the county planning agency, or multi-municipal planning agency, if one has been designated, prior to submitting this form to the Department. County Planning Directors or directors of the relevant multi-municipal planning agency are to verify that the applicant's answers on the MMPF accurately describe and reflect the multi-municipal comprehensive plan and zoning ordinances.

(signature)

(title)

(date)

APPENDIX

Appendix 1.....	W-9
Appendix 2.....	Price Quotes and Equipment Specifications
Appendix 3.....	City Sanitation Budget
Appendix 4.....	Resident Recycling Ordinance 9-309.5
Appendix 5.....	Resident Waste Collection Ordinance 9-307.1
Appendix 6.....	Commercial Recycling Ordinance 9-309.9
Appendix 7.....	Burn Ordinance 9-309.10
Appendix 8.....	Swatara Township compost facility DEP Permit
Appendix 9.....	Resident Educational Newsletter/Hand-Out
Appendix 10.....	Commercial Educational Newsletter/Hand-Out
Appendix 11.....	Screen Shots of Website
Appendix 12.....	Documentation of Policies cited on p. 4, #29
Limit on number of bags of waste residents may place at curb at a time.....	Ordinance 9.305.5
Recycling ordinance for community events.....	Ordinance 9-309
Littering ordinance.....	Ordinance 6-307
Appendix 13.....	Glass Recycling Rollout Map of Sites
Appendix 14.....	Letter from Mayor re: use of recycling truck