gency	LA	NDFILL				
udget by Fund						
		2018 Actual	2019 Adopted	2020 C2C	2020 Request	\$ Change
General		-	-	-	-	-
Other-Expenditures		889,784	986,860	 374,610	944,734	 (42,126
TOTAL	\$	889,784	\$ 986,860	\$ 374,610	\$ 944,734	\$ (42,126
udget by Service						
		2018 Actual	2019 Adopted	2020 C2C	2020 Request	\$ Change
LANDFILL MANAGEMENT MAINTENAN		889,784	986,860	374,610	944,734	(42,126
TOTAL	\$	889,784	\$ 986,860	\$ 374,610	\$ 944,734	\$ (42,126
udget by Major						
		2018 Actual	2019 Adopted	2020 C2C	2020 Request	\$ Change
Personnel		386,938	440,211	374,610	427,099	(13,112
Non-Personnel		338,438	503,437	-	474,121	(29,316
Agency Billings		164,407	43,212	 	43,514	 302
TOTAL	\$	889,784	\$ 986,860	\$ 374,610	\$ 944,734	\$ (42,126



Department of Public Works

Engineering Division

Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115 210 Martin Luther King, Jr. Boulevard Madison, Wisconsin 53703 Phone: (608) 266-4751 Fax: (608) 264-9275

engineering@cityofmadison.com www.cityofmadison.com/engineering **Assistant City Engineer**

Gregory T. Fries, P.E. Kathleen M. Cryan

Principal Engineer 2

Christopher J. Petykowski, P.E. John S. Fahrney, P.E.

Principal Engineer 1

Christina M. Bachmann, P.E. Mark D. Moder, P.E. Janet Schmidt, P.E.

Facilities & Sustainability

Jeanne E. Hoffman, Manager Bryan Cooper, Principal Architect

Mapping Section Manager Eric T. Pederson, P.S.

Financial Manager

Steven B. Danner-Rivers

July 10, 2019

To: Dave Schmiedicke, Finance Director

From: Robert F. Phillips, City Engineer

Subject: Engineering Division's 2020 Landfills Budget

The Engineering Division is please to submit our 2020 operating budget for Landfills, an agency funded through the Landfill remediation fee.

The primary objective of the City of Madison's landfill group is to protect public safety and the environment. This is done primarily by minimizing the migration of gas and contaminated water from the landfill sites. The Landfill group also maintains usable green space.

The Landfill Remediation Fee is not expected to increase in 2020.

Sincerely,

Robert F. Phillips, P.E.

City Engineer

RFP:

cc:

Travis Martin

2020 Operating Budget

Service Budget Proposal

IDENTIFYING INFORMATION

SELECT YOUR AGENCY:

Landfill

SELECT YOUR AGENCY'S SERVICE:

Landfill Management Maintenance

SERVICE NUMBER:

421

SERVICE DESCRIPTION:

This service manages the five closed landfills overseen by the City. The goal of this service is to eliminate the migration of landfill contamination and gas to maintain a clean environment.

Part 1: Base Budget Proposal

BUDGET INFORMATION

		2017 Actual	2018 Adopted	2018 Actual	2019 Adopted	2020 C2C	2020 Request
Виа	get by Fund						
	General-Net	\$0	\$0	\$0	\$0	\$0	\$0
	Other-Expenditures	\$792,377	\$911,327	\$889,784	\$986,860	\$921,259	\$944,734
Tota	I	\$792,377	\$911,327	\$889,784	\$986,860	\$921,259	\$944,734
Виа	lget by Major						
	Revenue	\$0	\$0	\$0	\$0	\$0	\$0
	Personnel	\$362,796	\$382,220	\$386,938	\$440,211	\$374,610	\$427,099
	Non-Personnel	\$264,383	\$353,322	\$338,438	\$503,437	\$503,437	\$474,121
	Agency Billings	\$165,198	\$175,785	\$164,407	\$43,212	\$43,212	\$43,514
Tota	al	\$792,377	\$911,327	\$889,783	\$986,860	\$921,259	\$944,734
	FTEs		4.16		4.16	4.16	4.16

PRIORITY

Citywide Element Green ar

Green and Resilient

Describe how this service advances the Citywide Element:

Landfill monitoring and maintenance activities are focused on eliminating the migration of landfill contamination and gas to protect the health and safety of our residents and environment.

ACTIVITIES PERFORMED BY THIS SERVICE

Activity	% of Effort	Description
Landfill Management and Regulatory Compliance	15	Plan, direct and implement landfill groundwater, leachate, and gas sampling and monitoring programs. Submit required data to WI-DNR. Prepare and submit plan modification reequests and annual reports demonstrating compliance with regulatory requirement.
Monitoring & Sampling	45	Monitor landfill gas extraction and migration control systems. Perform leachate, condensate and water sampling.
Maintenance & Repair	40	Perform scheduled preventive maintenance and repair to landfill gas collection and migration control,

leachare collection, and SCADA systems to assure reliable operation, maximize energy efficiency and protect taxpayers investment by maximizing useful life. Provide emergency response.

ice Impact What is the proposed change to t	he service's budget fron	n cost to continue t	p agency request? \$23,475	
What are the service level impact	s of the proposed fundi	ng changes?		
No service level impacts.				
connel-Permanent Positions				
Are you proposing an allocation of	hange to the FTEs for th	is service? No		
<i>Type</i> Perm Wages	Fund	Amount	Description	
Benefits				
Total				
Explain the assumptions behind t	he allocation change.			
What is the justification behind the	ne allocation change?			
onnel-Other Personnel Spending				
Are you requesting additional per	sonnel spending for nor	n-annualized pay?	No	
Туре	Fund	Amount	Description	
Overtime				
Premium Pay				
Hourly				
Total		\$0		
Explain the assumptions behind t	he requested funding.			
NATIONAL IN A LONG TO THE COMMENT OF	:			
What is the justification behind the	ie increased runding?			
enue Are you proposing a change to th	e service's budgeted re	venue?		
enue Are you proposing a change to th Yes	e service's budgeted re	venue?		
Are you proposing a change to the	•			
Are you proposing a change to the Yes Are you proposing an increase or a confinence of the Increase	decrease to the budgeted	revenue?		
Are you proposing a change to the Yes Are you proposing an increase or a confinence of the Increase Fund	decrease to the budgeted Major	revenue? Amount	Description	
Are you proposing a change to the Yes Are you proposing an increase or a confinence of the Increase	decrease to the budgeted	revenue?	Description Increase in projected interest income	
Are you proposing a change to the Yes Are you proposing an increase or a confinence of the Increase Fund	Major 4****	Amount \$9,600		
Are you proposing a change to the Yes Are you proposing an increase or a confinence of the Increase Fund 1250	Major 4**** c change to budgeted reve	Amount \$9,600		

Yes			
Fund	Major	Amount	Description
1250	53xxx	(\$25,000)	Machinery & Equipment
1250	54xxx	\$11,586	Reduction in Lab Services and Increase in Sewer Charges
1250	59xxx	\$7,270	Increase Transfer to Capital
Explain the assumptions behind	the requested funding	ζ.	
Updates based on current estimate	s		
What is the justification behind t	the proposed change?		
Machinery/Equipment: No fixed ass	set requests in 2020		
Lab Services: Updated estimate bas	ed on 2019 experience v	with using outside labs	instead of Public Health
Transfer to Capital: Caital Budget hi	·	•	
	ervice expenditure b		
ease Explain how you would change N/A	e the service activition	es and the level of	
ease Explain how you would change N/A	e the service activition	es and the level of	
ease Explain how you would change N/A	e the service activition	es and the level of	
Explain how you would change N/A Explain the changes by major of	e the service activition	es and the level of y that your agency	would implement as a result of a 2.5 % funding increase to this service:
Explain how you would change N/A Explain the changes by major of N/A Would the changes include an	e the service activities expenditure categor increase to perman	es and the level of y that your agency ent staffing levels	service as a result of implementing a 2.5% funding increase to this service: would implement as a result of a 2.5 % funding increase to this service: for this service? No If yes, FTEs:
Explain how you would change N/A Explain the changes by major of N/A Would the changes include an	e the service activities expenditure categor increase to perman	es and the level of y that your agency ent staffing levels	would implement as a result of a 2.5 % funding increase to this service: for this service? No If yes, FTEs:
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Explain how you would change N/A Explain the changes by major of N/A Would the changes include an What impacts would City resid None	e the service activities expenditure categor increase to perman lents and visitors exp	es and the level of y that your agency ent staffing levels to perience if this serv	would implement as a result of a 2.5 % funding increase to this service: For this service? No If yes, FTEs: Vice is provided a 2.5% increase in funding?
Explain how you would change N/A Explain the changes by major of N/A Would the changes include an What impacts would City resid None Trease Explain how you would change	e the service activities expenditure categor increase to perman lents and visitors exp	es and the level of y that your agency ent staffing levels to perience if this serv	would implement as a result of a 2.5 % funding increase to this service: For this service? No If yes, FTEs: Vice is provided a 2.5% increase in funding?
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