

City of Fayetteville Staff Review Form

2022-0006

Legistar File ID

2/1/2022

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

1/12/2022

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends approval of a budget adjustment in the amount of \$350,000 to cover the increased landfill tipping fees at the Biosolids Management Site.

Budget Impact:

5400.730.5110-5315.00	Water and Sewer																								
Account Number	Fund																								
N/A	N/A																								
Project Number	Project Title																								
<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Budgeted Item?</td> <td style="width: 10%; text-align: center;">Yes</td> <td style="width: 30%; border-bottom: 1px solid black;">Current Budget</td> <td style="width: 30%; text-align: right;">\$ 10,600.00</td> </tr> <tr> <td></td> <td></td> <td style="border-bottom: 1px solid black;">Funds Obligated</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td></td> <td></td> <td style="border-bottom: 1px solid black;">Current Balance</td> <td style="text-align: right; border: 1px solid black;">\$ 10,600.00</td> </tr> </table>	Budgeted Item?	Yes	Current Budget	\$ 10,600.00			Funds Obligated	\$ -			Current Balance	\$ 10,600.00	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">No</td> <td style="width: 30%; border-bottom: 1px solid black;">Item Cost</td> <td style="width: 30%; text-align: right;">\$ -</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Does item have a cost?</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">Budget Adjustment</td> <td style="text-align: right;">\$ 350,000.00</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Budget Adjustment Attached?</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;">Remaining Budget</td> <td style="text-align: right; border: 1px solid black;">\$ 360,600.00</td> </tr> </table>		No	Item Cost	\$ -	Does item have a cost?		Budget Adjustment	\$ 350,000.00	Budget Adjustment Attached?		Remaining Budget	\$ 360,600.00
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Budget Adjustment Attached?		Remaining Budget	\$ 360,600.00																						

V20210527

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments:



MEETING OF FEBRUARY 1, 2022

TO: Mayor and City Council
THRU: Susan Norton, Chief of Staff
FROM: Tim Nyander, Utilities Director
DATE: January 12, 2022
SUBJECT: Budget Adjustment for Increased Landfill Tipping Fees

RECOMMENDATION:

Staff recommends approval of a budget adjustment in the amount of \$350,000 to cover the increased landfill tipping fees for partially dried biosolids.

BACKGROUND:

The biosolids dryer suffered a catastrophic failure on December 13, 2021. It is currently inoperable, and a temporary drying solution is being considered while a long-term plan is formed.

DISCUSSION:

It is expected to take 4 to 5 months to have a temporary drying process in place. Meanwhile, the City must take the biosolids coming out of the solar houses directly to the landfill. The City generates approximately 1,321 dry tons per month of biosolids, and the landfill's tipping fee is \$44 per ton. A 20% contingency will be included:

1,321 dry tons X 5 months X \$44/Ton = \$290,620 + \$20% Contingency of \$58,124 = \$348,744.

BUDGET/STAFF IMPACT:

The budget adjustment will transfer budgeted funds of \$350,000 from multiple completed projects that have budgeted funds available due to cost savings made on the projects and those projects will be closed. The budgeted funds that will be transferred and utilized will come from Irrigation Reels-WWTP, Water Line Projects As Needed, South Mtn Pump Station Repair & Replace, Regional Park Waterlines, Sewer Rehab-Ramsey/Overcrest, White River NPDES UAA and APCEC Action and Water and Sewer Cost Sharing.

Attachments:

Landfill Disposal Calculations

LANDFILL DISPOSAL CALCULATIONS

2021 Biosolids Production Average**1,321** Tons of partially dried solids

Length of Time Before Temporary Drying**5** months

Cost of Landfill Disposal**\$44** per Ton

$(1,321 \text{ tons}) \times (5 \text{ months}) \times (\$44/\text{Ton})$

$= \$290,620$

Add a \$20% Contingency for a Safety Factor

$= \$290,620 \times 0.20$

$= \$58,124$

Total Cost

$\$290,620 + \$58,124$

$= \$348,744$