

**DANE COUNTY  
POLICY AND FISCAL NOTE**

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Update	Substitute No. _____
Sponsor: Melissa Ratcliff		Resolution No. 2020 RES-272
Vote Required:		Ordinance Amendment No. _____
Majority <input checked="" type="checkbox"/>	Two-Thirds <input type="checkbox"/>	

Title of Resolution or Ord. Amd.:

**AGREEMENT CONTRACT FOR BIODESULFURIZATION TOWER CLEANING AND WASTE DISPOSAL**

**Policy Analysis Statement:**

Brief Description of Proposal -

Prior to being introduced into the natural gas pipeline, the hydrogen sulfide (H2S) must be removed from landfill gas. The primary system used to remove H2S is a set of desulfurization towers which utilize a bacteria to consume the H2S and convert it into sulfuric acid and elemental sulfur. Over time, the sulfur can build up in the tower and needs to be removed.

Current Policy or Practice -

Contract requires County Board approval and Bid Waiver requires Personnel and Finance Approval

Impact of Adopting Proposal -

To return these towers to normal operations as soon as reasonably possible and to prevent damage and further expenses that could occur due to cold temperatures, the Department of Waste & Renewables has solicited professional expertise for assistance with cleaning the second tower. Until the system can return to normal operations, Department of Waste & Renewables is utilizing a more costly H2S removal technology.

**Fiscal Estimate:**

Fiscal Effect (check all that apply) -

- No Fiscal Effect
- Results in Revenue Increase
- Results in Expenditure Increase
- Results in Revenue Decrease
- Results in Expenditure Decrease

Budget Effect (check all that apply)

- No Budget Effect
  - Increases Rev. Budget
  - Increases Exp. Budget
  - Decreases Rev. Budget
  - Decreases Exp. Budget
  - Increases Position Authority
  - Decreases Position Authority
- Note: if any budget effect, 2/3 vote is required

**Narrative/Assumptions about long range fiscal effect:**

Results in lower H2S treatment costs over the long term.

**Expenditure/Revenue Changes:**

	Current Year		Annualized			Current Year		Annualized	
	Increase	Decrease	Increase	Decrease		Increase	Decrease	Increase	Decrease
Expenditures -					Revenues -				
Personal Services					County Taxes				
Operating Expenses		\$75,000			Federal				
Contractual Services	\$278,000				State				
Capital					Other				
<b>Total</b>	\$278,000	\$75,000	\$0	\$0	<b>Total</b>	\$0	\$0	\$0	\$0

**Personnel Impact/FTE Changes:**

None

**Prepared By:**

Agency:	Department of Waste & Renewables	Division:	Waste and Renewables
Prepared by:	Tyonna Listenbee	Date:	11/5/20
Reviewed by:	Roxanne Wienkes	Phone:	608-219-2917
		Date:	11/5/20
		Phone:	608-509-6681