

AUTHORIZING AMENDMENT OF 2020 BUDGET FOR RENEWABLE NATURAL GAS PLANT CONSTRUCTION AND EXPANSION

The Department of Waste & Renewables owns and operates a Renewable Natural Gas (RNG) Plant at the Dane County No. 1 (Rodefeld) Landfill where the landfill biogas is processed and injected into an interstate natural gas pipeline operated by ANR Pipeline Co. Dane County sells the gas for renewable vehicle fuel and also receives renewable energy credits for the sale and production of the RNG.

Construction of the RNG Plant was substantially completed in spring of 2019 and commissioning and start-up continued into the fall/winter of 2019. During commissioning, the need for additional equipment to facilitate hydrogen sulfide removal was identified due to increased landfill gas flow rates and hydrogen sulfide levels. In addition, capital costs for spare parts needed for readiness, the costs for connection to the ANR pipeline, and overall project construction costs were more than budgeted.

To maintain efficient operations of the RNG Plant and maximize revenue for the County, an amendment to the 2020 capital budget is needed for the following items:

Supplemental Oxygen for Hydrogen Sulfide Removal	\$500,000.00
Hydrogen Sulfide Removal System Expansion	\$750,000.00
RNG Plant Construction Costs	\$550,000.00
ANR Pipeline Connection	\$350,000.00
Capital Spare Parts	\$1,350,000.00
Total	\$3,500,000.00

**NOW, THEREFORE, BE IT RESOLVED** that the Dane County Board of Supervisors hereby authorize an amendment to the 2020 capital budget to increase expenditure account SWMETHGO 58087 "Pipeline Gas Project" by \$2,150,000.00 and the SWMETHGO 57137 "Bio gas Spare Parts" by \$1,350,000.00. In addition, account SWMETHGO 84974 "Borrowing Proceeds" shall be increased by \$3,500,000.00; and,

**BE IT FURTHER RESOLVED** that for the purpose of financing these capital expenses, the County Board authorizes the issuance of not to exceed \$3,500,000 general obligation bonds pursuant to Chapter 67 of the Wisconsin Statutes.

**BE IT FINALLY RESOLVED** that the Department of Waste & Renewables be directed to ensure complete performance of the Contracts, Change Orders, and/or Addendums required to proceed with the required projects.