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2023 RES-375

**AUTHORIZING A CONTRACT WITH BURNS & MCDONNELL ENGINEERING COMPANY
INC. TO COMPLETE A COMMUNITY MANURE TREATMENT FEASIBILITY STUDY**

Phosphorus is one of the main nutrients contributing to water quality issues such as eutrophication and negative impacts to recreation and wildlife. The Yahara chain of lakes (including Lakes Mendota, Monona, Waubesa and Kegonsa) and watersheds are currently being targeted through a variety of initiatives such as the Rock River Total Maximum Daily Load (TMDL), Yahara Watershed Improvement Network (WINS) - Adaptive Management Project, and the Yahara Capital Lakes Environmental Assessment and Needs (CLEAN) initiatives to address reductions to phosphorus and sediment runoff.

Manure is one source containing phosphorus that impacts water quality. The 2023 Dane County Budget included funding for a Manure Treatment Feasibility Study. A Request for Proposals (RFP) was issued in August of 2023 to evaluate several items including; 1) developing recommendations on a manure processing facility location(s) and components, 2) completing a manure by-product market analysis, 3) evaluating different business structures, and 4) conducting an economic cost analysis. A final report of the manure feasibility study will be delivered to the County.

All submitted proposals were reviewed and scored with Burns and McDonnell selected as the winning proposal.

NOW, THEREFORE, BE IT RESOLVED, that the Dane County Board of Supervisors approves a contract with Burns & McDonnell Engineering Company Inc. to complete a Community Manure Treatment Feasibility Study for \$300,000.

BE IT FINALLY RESOLVED, that the County Executive and the County Clerk are hereby authorized to execute the Community Manure Treatment Feasibility Study contract.