

# **Review of Proposals and Award of Contract: Biosolids Facility Plan**

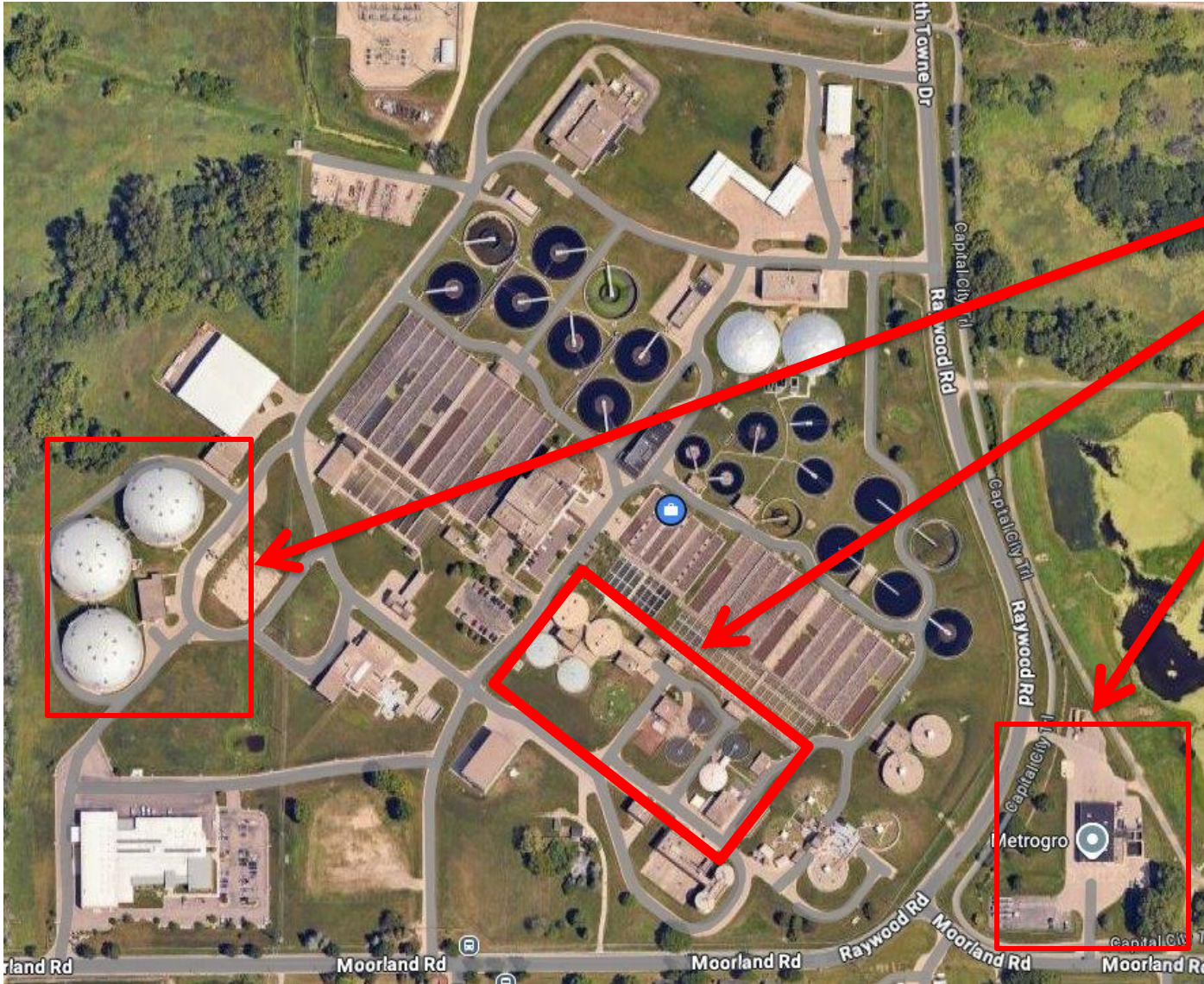
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**February 13, 2025**

Madison Metropolitan Sewerage District



# Introduction



MMSD Biosolids  
Facilities

- Three primary functions:
1. Biosolids production
  2. Biosolids storage
  3. Biosolids distribution



# Project Background

- Due to environmental, regulatory, and market changes the District is approaching the end of its ability to maintain the legally required amount of biosolids storage.
- A biosolids management plan from 2021 recommended that we:
  - Modernize and improve Metrogro's data management.
  - Research the viability of other biosolids products.



# Facility Plan

- Required by the DNR for CWF loans
- Purpose of facility planning is to:
  - Perform a condition assessment on present assets;
  - Establish the need for improvement;
  - Evaluate options; and
  - Identify cost-effective alternatives.
- The focus of the Biosolids Facility Plan is to recommend facilities and systems necessary to ensure an economical and environmentally sustainable process for managing the District's biosolids.



# Project Scenarios

Examine the costs, benefits, and management difficulties of four disposal strategies:

1. Maintaining the biosolids operations status quo;
2. Pursuing Class A Liquid land application;
3. Pursuing Class A thermo-dried product; and
4. Consider non-land application/disposal.



# Received Proposals and Consultant Selection

Consultant Firms	Proposed Budget	Total Scores	Rank
Strand	\$ 448,246	412	1
Jacobs	\$ 499,488	408	2

Strand provided:

- A grounded, practical approach based on proven technologies
- Current management of the Heat and Power project—which is closely related and crucial to the overall success of the biosolids program
- A deep history with the District and familiarity with our current system



# Requested Action

Approval of resolution 2025-02-13-XX awarding engineering professional services for development of a facilities plan for biosolids management to Strand and Associates for \$500,000.



# Questions?

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