



Otsego East Wastewater Treatment Facility

Originally built over three phases from 1999-2007
 Biosolids Building added 2020-2021
 Full BNR Oxidation Ditch Facility rated for 1.1 MGD

City has a second facility referred to as the West WWTF

Originally constructed in 2004-2005
 Bio-P Oxidation Ditch Facility rated for 0.72 MGD
 Currently being expanded to an MBR Facility rated for 1.75 MGD

Otsego East Wastewater Treatment Facility Improvements

The Otsego Biosolids Building dewateres thickened waste activated sludge (TWAS) from both the City’s East WWTF and West WWTF. The dewatered cake is then chemically stabilized using the proprietary Schwing Bioset system to successfully produce a Class A - Exceptional Quality (EQ) Biosolids.

Class A – EQ criteria:

- Pathogen reduction through pasteurization
 - Fecal coliform numbers less than 1,000 MPN/ g (dry)
- Heavy Metals Limits Met
- Vector Attraction Reduction
 - pH greater than 12

ADDITIONAL ENVIRONMENTAL CONSIDERATIONS

- **Emphasis on Odor Control**
- **Solar System on Roof**
 - Saved over 120,000 lbs CO2 emissions to date
 - Produced over 2.6 MWh
 - Peak Power production of 53.9 kW
- **Low Maintenance Rain Garden Catchment**
- **Native Prairie Grass and Tree Plantings to Provide Visual Screening to Future Residential Neighbors**



DAMON FARBER



FOR MORE INFORMATION:

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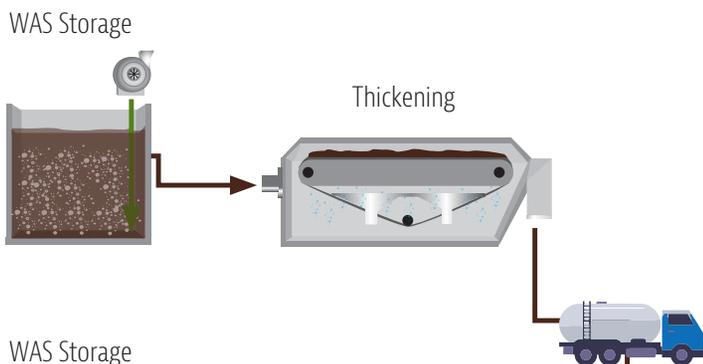
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Biosolids provided to local farmers at no cost + saving the City money!

Cost Per Wet Ton of Solids (2023\$)

	Land App	Landfill
Polymer	\$32.06	\$32.06
Lime	\$29.45	\$29.45
Hauling	\$11.25	\$58.15
Disposal		\$39.17
Total	\$72.76	\$158.83

WEST >



EAST >

