

“Providing a highly valued agricultural product that is produced in a professional, cost-effective, and sustainable manner”

EMS • ELEMENT 6 • GOALS

ANNUAL REVIEW of OPEN EMS GOALS
January 22, 2020

Goal 7: Reduce purchased energy by 100% by 2022.

Objective 7.1: High Strength Waste (HSW) utilization optimization, complete by 2020.

Objective 7.2: Biofuel Generator expansion (addition of a second engine), complete by 2020.

Objective 7.3: Increase digester gas production through increased primary digester capacity, complete by 2022.

Objective 7.4: Install a hydro turbine within the effluent piping from the NEW RF to the Mississippi River, complete by 2022.

Goal 8: Reduce Phosphorus Concentration in St. Cloud’s Biosolids Product by 2020.

Objective 8.1: Reduce phosphorous concentration and volume in Biosolids Fertilizer Product to ensure regulatory compliance and to increase farmer interest in product by 2020.

Goal 9: Optimize Polymer Consumption in Lystek Process.

NEW Objective 9.1: Provide stable polymer feed to the Lystek process to reduce consumption rate, complete by 2021.

Goal 10: Ensure Long Term Program Sustainability by Reducing Recycling Expenditures.

NEW Objective 10.1: Evaluate available options to reduce recycling expenditures complete by August 31, 2021 (end of Cropping Year 2021).