

Egan WRP's Goals and Objectives for 2016 - 2020

Goal – Maximize digester gas usage

Objective

The specific objective of this goal is to improve digester gas reuse for building and digester heat, prevent releases to the atmosphere, and reduce flaring, which will save money.

Description

Complete digester cleaning project and restore primary digester mixing system to full capacity (not all 13 mixing cannons per digester are functioning return all to service) under Engineering Contract 11-403-2P

Measurability

Amount of natural gas purchased, the amount of digester gas produced and utilized for heat. Baseline: 2014 - Purchased 394,276 therms of natural gas; produced 741,308 therms of digester gas; utilized 610,054 therms of digester gas. Amount spent on natural gas.

Affect to Biosolids Production

Reducing the amount of natural gas which is purchased and increase efficiency of digester gas utilized for heating the plant and digesters.

Relevant EMS Outcomes

Environmental Performance, Quality Management Practices

Action Plans

Complete Contract 11-403-2P, Oversee completion of construction over 2016.
Track measurable goals through 2020.

Tracking Progress

Monthly Construction meetings. CPM reports will be submitted to EMS Coordinator Quarterly. Digester gas produced/utilized and natural gas purchased will be submitted on quarterly status reports.

Responsible Person(s)

Section 791 Principal Engineer - Operations
Section 793 ACOE
Engineering Department Representative/Inspector

Funds/Resources

Budgeted in the Engineering Department.

Target Date

December 2020