

## Background

The Works generally include the construction of a new St Rose Storm Water Pumping station and all associated site work, general trades, structural, process equipment, and mechanical, HVAC and plumbing mechanical, electrical, instrumentation, and control systems.

## Project Scope

- ACP01 Rx3i Remote IO Panel for control and monitoring.
- SCADA integrator handles programming; City provides SCADA programming
- Include an I/O list with ranges, alarms, and DI statuses
- List alarms for paging, based on Process Narrative

## Project Demand

- Innovative Solutions for Seamless Integration
- Precision Programming for Optimal Performance

## Reason for Win!!

- Prequalified System Integrator.
- Delivering Excellence Through Collaboration

## *St. Rose Storm Water Pumping Station*

### Scope of Valley Integration Inc.- Programming

Valley Integration was responsible for,

- **PLC and Local OIT Programming:** Comprehensive programming services.
- **I/O Listing:** Detailed list including analog ranges, alarm settings, and digital input statuses.
- **Alarm Recommendations:** List of recommended alarms for the plant paging system, as outlined in the Process Control Narrative (PCN).
- **Documentation:** Provision of FAT & SAT documents, and complete PCN documentation.
- **Screen Layouts:** Development and submission of general and preliminary layouts for SCADA graphic display screens and OIT symbols library.

### List of Major Suppliers:

- **PLC :** Emerson PACSYSTEM RX3i, Proficiency Machine Edition(Software)
- **OIT :** Emerson Quick Panel

