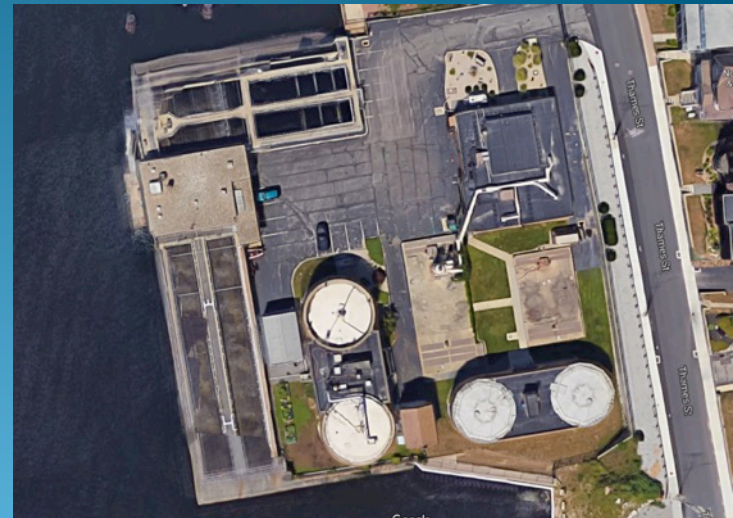


# Hurricane Preparedness at the City of Groton WPCA

What we have learned, one storm at a time.



# Pre Storm Checklist (CPO)

- Prepare all buildings for extreme tides and water.
- Check/Run all auxiliary equipment at lift stations.
- Check/run all fuel tanks and oil to full condition.
- Check auxiliary lighting.
- Check foul weather gear and batteries.
- Check vehicles- gas, oil, lights... etc
- Check all high wet well alarms.
- Check emergency portable grinder pump generator.

# During Storm Checklist (CPO)

- Call Standby personnel, when needed.
- Arrange for tide checks and relay of data to Project Management
- Determine work, rest, feeding schedules.
- Report abnormal conditions to general manager.
- Supervise operations and/or repairs at PAF/Lift stations.
- Review evacuation plan .

# Pre Storm Checklist (Road Crew)

- Check Vehicles.
- Run auxiliary generators by shutting main breaker.
- Get fuel status on all generators.
- Check auxiliary lighting.
- Fill 5 gallon fuel containers (diesel and gas).
- Transport portable generator and 6" pump to Municipal building.

# Pre Storm Checklist (Road Crew)

## 12 Hours Prior

- Run Grinder pump generator (generator to stay at plant).
- Install slide gates at Eastern Point and Jupiter Point Stations.
- Coordinate transportation to get personnel vehicles to Municipal Building.
- Get station rounds.

# During Storm (Road Crew)

- Be Responsible for the following stations: Plant St, Jupiter Pt, Eastern Pt, Circle Ave, West side.
- When Notified, Open Main Breakers.
- Continue to monitor until storm intensity is too great or notified to report to designated area.

# Pre Storm Checklist (Plant Crews)

## Crew A:

- Remove and stow life-rings, slide gates etc. on Final and Aeration tanks.
  - Assist on transportation of portable generator and 6” pump to municipal building.
  - Clear Transformer pad by #1 Primary clarifier.
  - Inspect Plant and Digester roofs for loose items
- 12 hours prior
- Sandbag main ops truck way, blower/backroom doors.

# Pre Storm Checklist (Plant Crews)

Crew B:

- Close and secure Blower bldg. storm shutters.
- Secure Dumpster to main building.
- Clear Influent Room and truck way floor

12 hours prior

- Sandbag Blower Building truck way door.
- Sandbag storage shed truck way and regular doors.



# During Storm (Plant Crews)

## Crew A:

- Be Responsible for the following stations: North Slope, East Slope, Twin Hills, Colonial Manor.
- When Notified, Open Main Breakers.
- Continue to monitor until storm intensity is too great or notified to report to designated area.

## Crew B:

- Have vehicles prepared for grinder pump service.
- Have cots ready for evacuation.
- Rest relief of personnel.

# Original 1955 Digester



# Current 1972 Digester



# 2002 Generator Building



# Primary Clarifiers



# Seaward Windows Boarded Main and Thickener Building



# Primary Effluent Pumps Quick Disconnects



# New Storm Shutters





# Eastern Point Pumping Station



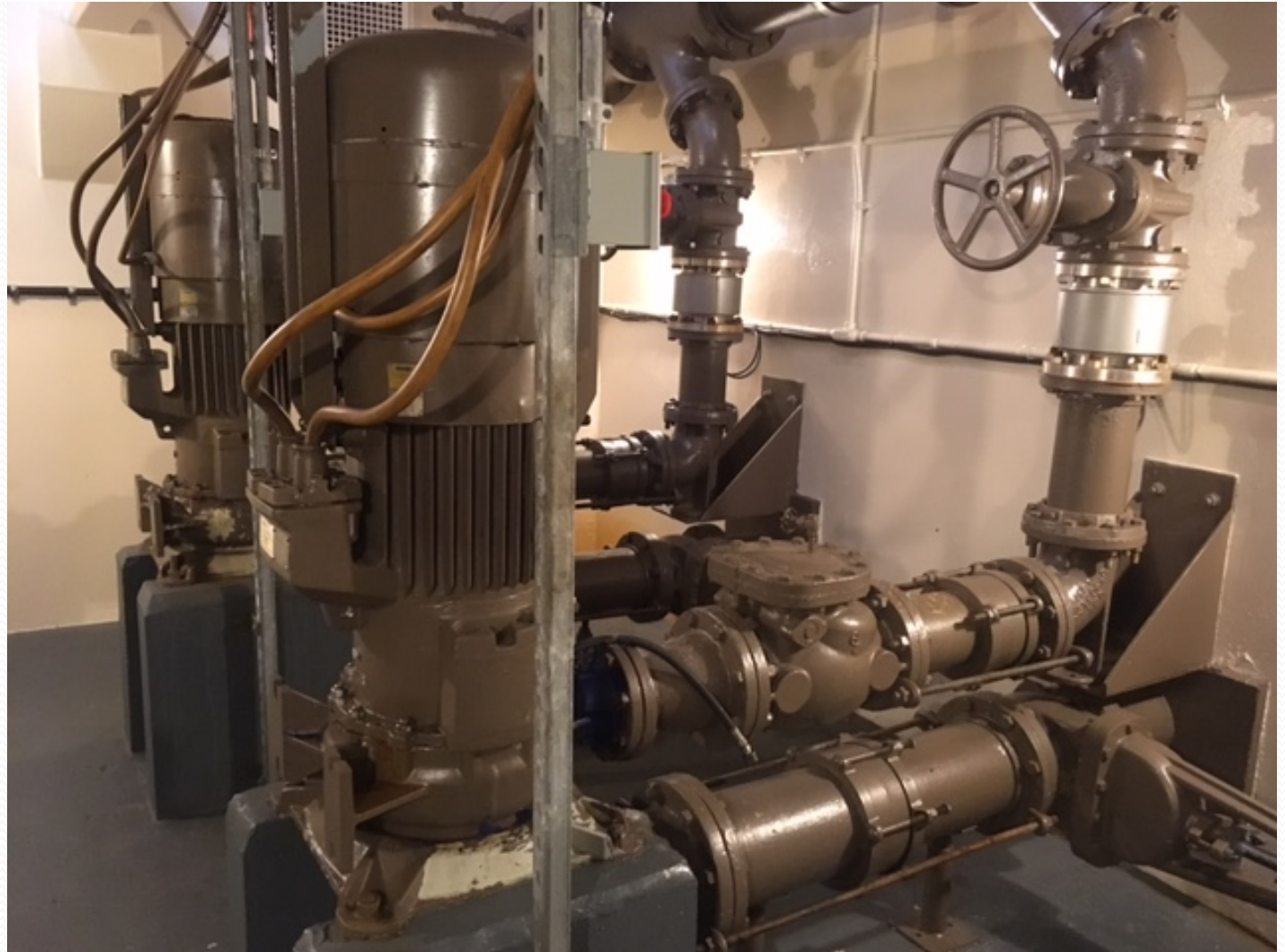
# SCADA Radio Antenna



# Stop Gate System



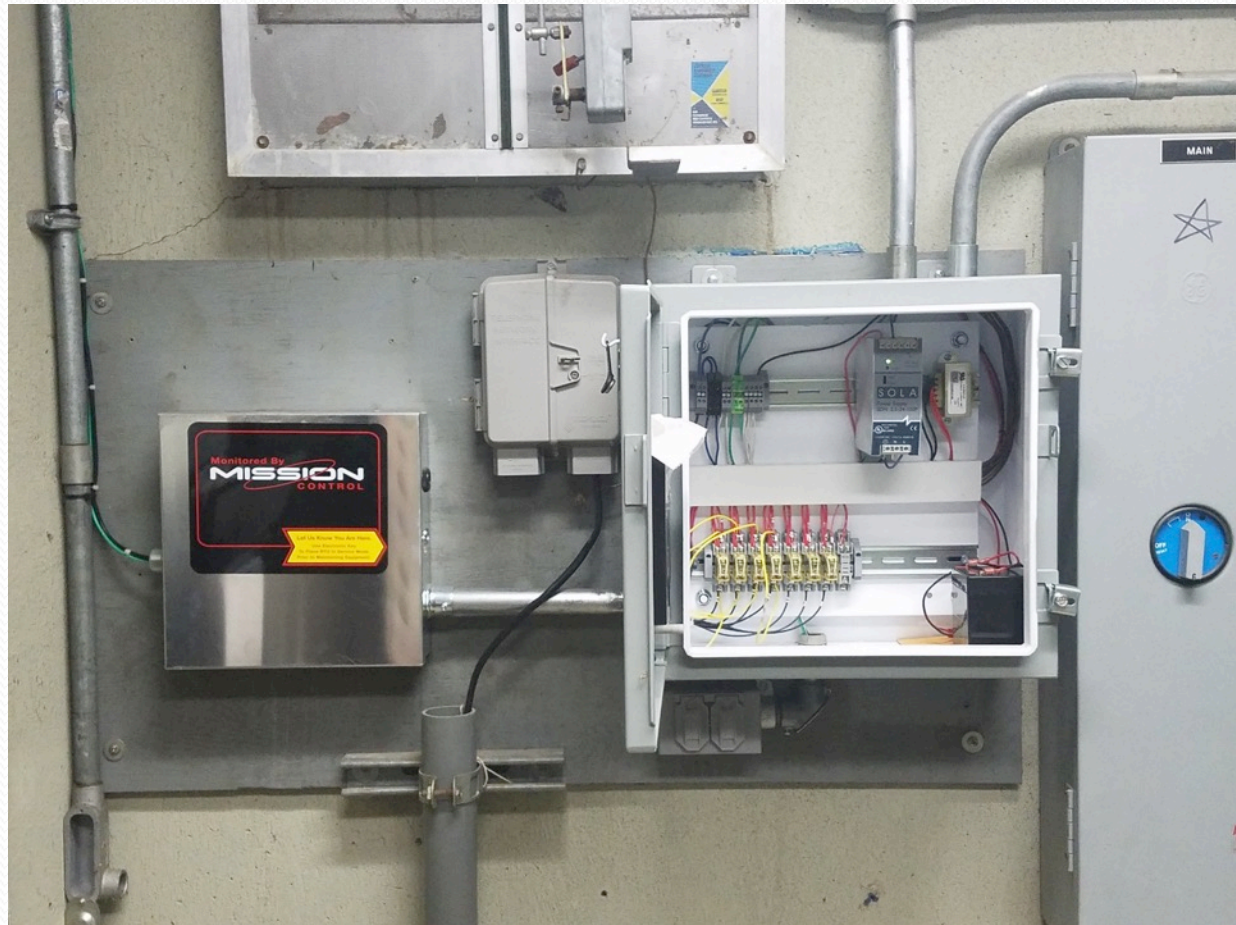
# Dry Pit Submersible Pumps (KSB)



# What's Next: Sulzer Pumps



# Mission Control Dialer



# Parson Manhole Inserts



# Pipe Relining

