PUMP STATION OPERATIONS AND PREVENTATIVE MAINTENANCE PROGRAM

FOR

CAPACITY, MANAGEMENT, OPERATION AND MAINTENANCE (CMOM) PROGRAM

PREPARED BY:

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111 South Walnut Street
Greenville, MS 38701

PREPARED FOR:

City of Greenville
Public Works Department
340 Main Street
Greenville, MS 38701

PROGRAM DATE:
December 4, 2017
Amended June 15, 2018
Amended August 30, 2018

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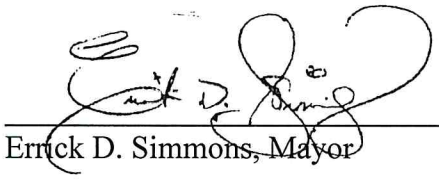
CERTIFICATION

Pump Station Operations and Preventative Maintenance Program (Revision 2)
Partial Consent Decree
City of Greenville, MS

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Errick D. Simmons, Mayor

8-31-18

Date

File Name: Pump Station Operations and Preventative Maintenance Program

Sara Janovitz, EPA Region IV
Dennis Sayre, EPA Region IV
Diane Schober, MDEQ
Mayor Errick D. Simmons

1.0 Introduction

1.1 Purpose/Goal

On April 4, 2016, a Partial Consent Decree (PCD), issued by the United States of America on behalf of the United States Environmental Protection Agency (EPA) to the City of Greenville, Mississippi (CITY), was executed. The PCD cited the CITY for violations to both their National Pollutant Discharge Elimination System (NPDES) Permit and the Clean Water Act (CWA). The PCD required the CITY to develop, among other things, a Capacity, Management, Operation and Maintenance (CMOM) Program with one of the major sub-programs being a Pump Station Operations and Preventative Maintenance Program (PROGRAM).

The CITY has out-sourced the operation and maintenance (O&M) of the Wastewater Collection and Transmission System (WCTS) and the Wastewater Treatment Plant (WWTP) to Clearwater Solutions LLC (CS) of Opelika, AL, a utility O&M company. CS is responsible for the management, operation and maintenance of the 104 pump stations owned by the CITY. The PROGRAM does not cover privately owned pump stations. Figure 1 is a map illustrating the location of the CITY's pump stations.

The WCTS is made up of a series of gravity pipelines, pump stations and force mains. Wastewater is fed from the gravity sewer system into and stored in pump station wet wells. The storage volume of the wet wells is designed to minimize retention time and the amount of time in which a pump activates and deactivates. When the level rises to a predetermined point, a pump or pumps will engage and lift the wastewater upward through a force main and deliver it to either another gravity sewer, another pump station or to the WWTP. Wastewater is removed from the pump station until the level in the wet well reaches a set point and the pump(s) turn off. The wet well fill and pump cycle starts over again.

The primary objective of the plan is to reduce corrective maintenance and repairs and eliminate Sewer System Overflows (SSOs). The maintenance procedures and schedules outlined in this PROGRAM should be considered the minimum level of service. Additional work may be required as needs dictate. By properly following the standard operating procedures (SOPs) outlined in this plan, potential SSOs caused by inadequate maintenance or slow response times to pump station problems can be eliminated. The number of unscheduled corrective maintenance activities required due to equipment malfunctions and the number of SSOs that occur at pump stations can be considered performance measures of this PROGRAM.

1.2 Plan Organization

The PROGRAM contains eight (8) components:

1. The Communication component identifies the means and modes of communication between pump stations, field crews and supervising staff.

2. The Technical Specifications component provides site-specific information pertinent to scheduling maintenance activities for each pump station (e.g., how/what size pumps, what type of pump station, power source, etc.).
3. The Pump Station Monitoring System component describes the Supervisory Control and Data Acquisition (SCADA) systems which continuously monitor, report and transmit information for each of the equipped pump stations.
4. The Preventative Operations and Maintenance component establishes preventative operations and maintenance schedules and procedures, including predictive services.
5. The Emergency Operations and Maintenance component establishes the appropriate response to unplanned events (e.g., power failure, equipment malfunctions, etc.).
6. The Inventory Management System component includes information about critical equipment and spare parts.
7. The Report Review component establishes the process through which the CITY reviews the equipment problems and the status of work orders generated during the prior month.
8. The Staffing and Funding component describes the plans that the CITY has to sufficiently satisfy the requirements of the PROGRAM.

2.0 Communication

2.1 Personnel Communications

Position/Company	Employee	Office (O) / Mobile (M) Phone Numbers
Public Works Director/CS	Donde Baldwin	662-378-1650 (O) 662-404-2444 (M)
Deputy Director/CITY	Ronnie Washington	662-378-1693 (O) 662-822-7004 (M)
Deputy Director/CITY	Jermaine Thornton	662-378-1693 (O) 662-822-5133 (M)
Division Chief – Pumps & Wells/CS	Jeff Appleton	662-378-1608 (O) 662-822-1620 (M)
Supervisor Pumps & Wells/CS	Kendrick Davis	662-378-1608 (O) 662-820-3083 (M)
Crew Chief Sewer Collection/CS	Brian Cook	662-378-1699 (O) 662-822-1205 (M)
Equip operator Sewer Collection/CS	Cordana Carter	662-378-1699 (O) 662-820-9526 (M)
WWTP Manager/CS	Adrick McMiller	662-378-1697 (O) 662-390-7918 (M)
Water Plant Manager (Operator of Record)/CS	Milton Kearney	662-378-1699 (O) 662-616-9190 (M)
Water Operator/CS	Russell Reynolds	662-378-1699 (O) 662-695-0612 (M)
PCD Liaison/CS	Brad Jones	662-378-1650 (O) 662-822-0094 (M)

Table 1: Contact Information for Public Works Personnel

The primary means of communication between Public Works personnel is via cell phone and landline telephones. Table 1 lists the contact information for each classification.

2.2 Equipment Communications

A SCADA system is employed to facilitate communication of equipment alarms and operating conditions. Section 4.0 provides an in-depth discussion of the capabilities of the SCADA system.

3.0 Technical Specifications

A description of each of the CITY's pump stations was generated through visual site inspections, review of file documentation, and interviews with the CITY and CS personnel. The existing characteristics, functionality and instructions for assembly/disassembly of each pump station is kept on file and maintained for maintenance and operational purposes. Detailed technical specifications of the pump stations can be found in Appendix A, which will be updated as equipment is replaced. Vendor information is also stored along with the technical specifications.

4.0 Pump Station Monitoring System

The CITY is in the process of equipping seventy-eight (78) of the pump stations with SCADA systems. A SCADA system remotely controls and monitors pump station operations and sends alarms in the event of a malfunction or emergency. The SCADA systems are programmed to record activities at a pump station and provide a hard-copy printout for backup documentation. Screenshots of some of the different modules that can be tracked in the software can be found in Appendix B. All of the equipped stations are monitored for:

- pump starts,
- pump run times,
- pump status (running, failed, off, forced on and forced off),
- pump start position,
- lead,
- lag,
- pump turned off, and
- pump turned on.

The pump stations which are equipped with SCADA are listed in Appendix C. The listing includes any additional monitoring capabilities for each station.

5.0 Preventative Operations and Maintenance Schedules and Procedures

Pump stations must be maintained to operate at the desired conditions. Inadequate or improper pump station operation can lead to reduced storage and hydraulic capacity during wet weather, and, if the pumping capacity is severely restricted, dry weather overflows can result.

5.1 Pump Station Inspections

In addition to the continuous monitoring of those pump stations equipped with SCADA, the performance of all pump stations will be monitored by trained personnel on a regular basis. The daily inspections will include tasks such as observing wet well conditions, listening to ensure that pumps are functioning with no audible problems, recording the meter readings on the pump stations which are equipped run time meters, etc. More in depth inspections of the pump stations will be performed as described in the Sanitary Sewer Evaluation/Rehabilitation (SSER) Work Plan Section IV. The inspections are made in an effort to determine the condition of the mechanical/electrical/structural components, to document the existing condition of each station and to prioritize the needed repairs and/or improvements, if warranted. Documentation of inspections and data collected from the SCADA will be stored in a database.

The actual schedules are determined on a station-by-station basis taking into consideration factors such as age, operating history, size and potential for negative environmental impact. The data collected during the inspections is recorded in a log book and is referenced by management and field personnel to ensure established procedures are being followed, ensuring the maximum lifespan of all facilities and equipment. Regulatory agencies may request documentation of inspections and maintenance activities in the event of a spill. Appendix D summarizes the inspection schedule. The frequencies set forth in the schedule should be considered a minimum. Standard pump station inspection form can be found in Appendix E.

5.2 Pump Station Preventative Maintenance

The size of the pump station and its related equipment determine its specific mechanical and electrical maintenance needs. The manufacturer's operation and maintenance manuals, when available, are used to establish action items for pump station equipment. The literature will define the frequency of oil changes and lubrication of bearings, types of lubricant, operating temperature ranges, pressures, flow rates and disassembly procedures for specific equipment maintenance or parts replacement. If no manual exists for the pump station, then preventative maintenance is based on personnel's experience and historical knowledge of the station and pumps. Based on O & M manuals and personnel's knowledge and experience, written preventative maintenance schedules are developed and updated as conditions change. Field personnel are given daily (or

weekly, monthly) work assignments based on the preventive maintenance needs. Records of all preventative maintenance activities are kept on file. In addition, electronic spread sheets are updated to document that maintenance has been performed and for scheduling the next date a particular task will be due again.

Records of all preventative maintenance activities are kept on file. Periodic service and calibration of all instrumentation, such as flow meters, liquid level sensors, alarm systems, elapsed time meters and remote monitoring equipment must be conducted following the manufacturer's recommended frequency and procedures. The equipment must be calibrated periodically to ensure that data is transmitted to the SCADA system accurately.

Flow meters are critical in monitoring the overall system flow volume. One way to monitor the performance of a pump station is comparing current flow to previous readings. Also, the accuracy of the data transmitted by the SCADA system can be verified by comparing the data obtained visually to the electronic data.

Elapsed time meters record the run time of each pump. The accuracy of the meter can be verified by comparing readings collected during scheduled inspections to the data from the SCADA system.

Float levels are sensors for high level alarms and controls. Level sensors operate the pumps' "On" "Off" and high water alarms. The sensors must be checked to ensure that pumps start and stop according to the station's operating parameters and that level reading gauges concur with SCADA readings. The sensors, controllers and transmitters can be cleaned and calibrated, but are usually replaced once they do not operate properly. Alarm sensors must function properly so that the proper alarms can be received through the SCADA system.

The SCADA equipment works in conjunction with the alarms and meters. Following the proper service and calibration schedules is imperative so that the system can be sufficiently monitored remotely.

5.3 Pump Station Predictive Maintenance

Most repair needs are identified while conducting routine maintenance, inspections and assessments. There is such a wide range of potential unexpected events that it is not possible to prescribe the appropriate repair for every possible scenario. CS has established a prioritization scheme for determining the timing of repairs based on the types of problems that have occurred in the past or could occur in the future. A list of the pump stations that experience frequent sanitary sewer overflows (SSO) is updated as described in the CITY's Sewer Overflow Response Plan (SORP).

Scheduling of repairs runs the range from repairing components found to be in substandard condition during inspection, immediate repairs to pump stations that are malfunctioning, to major, capital-intensive, repair projects, such as a pump station replacement or rehabilitation. Low-risk items, such as light bulbs and small non-critical valves are planned for run-to-failure, and as such, are not part of this PROGRAM. These items are replaced when they fail. When assets critical to the process fail, they are scheduled for corrective maintenance either on an urgent or routine schedule. An emergency always supersedes scheduled maintenance.

Predictive maintenance repairs include (but are not limited to):

- Cleaning to eliminate flow problems that are noted during inspections;
- Spot repair or replacement of a pipe or valves that show signs of deterioration;
- Replacing deteriorating or failed belts or bearings;
- Repairing or replacing a pump that is becoming clogged or has been damaged by debris;
- Responding to, investigating and mitigating customer complaints (other than complaints of sewer overflows, which are addressed in the CITY's SORP); and
- Repairing system parts subject to vandalism.

5.4 Fats, Oils and Grease (FOG) Control Program

The City's FOG Program sets forth requirements to aid in the prevention of overflows and equipment damage caused by accumulation of FOG from residential, commercial and industrial customers. The City's Sewer Use Ordinance requires that all food service establishments have grease control equipment and that grease traps are cleaned on a regular basis; however, accidental discharges may occur. Pump stations are checked weekly for accumulation of FOG. If the wet well has an accumulation of FOG, the wet well will be pumped out and floats and other equipment will be cleaned.

6.0 Emergency/Reactive Operations and Maintenance Procedures

Emergency operations include responding to pump station high water alarms, equipment malfunctions, power failures, etc. Immediate attention is required during any situation that could potentially cause an overflow. Apparent problems may be discovered by either CS personnel during a routine operations inspection or by an alarm from the SCADA system. Non-overflow, unplanned maintenance needs are covered in this PROGRAM and are considered reactive activities. The response procedures that must be taken to avoid overflows in the case of failed equipment, power outages and natural disasters can be found in Appendix F. The CITY's SORP and Emergency Response Plan (ERP) detail the response procedures for emergency sewer overflows or backups of sewage into buildings.

The majority of the CITY's pump stations have more than one pump. In the case that at least one pump is functioning, repairs can most likely be made without the need for portable bypass equipment. Most of the pump stations have an external generator connection. In the case that a pump station does not have the capability of being connected to an external generator, the use of bypass pumping will be necessary. The bypass pumping procedure can be found in Appendix G. The CITY owns three (3) portable generators and five (5) diesel powered, vacuum assisted trailer mounted bypass pumps which can be used when most or all of the pumps suffer equipment failure or if the pump station has been affected by a power outage.

Five of the CITY's pump stations are equipped with permanent, natural gas generators. These pump stations are critical to the operation of the system and must remain operational during emergency situations. The generators are tested under load, monthly, to exercise the machines and ensure that they are operating properly. The following table outlines information about these pump stations:

Pump Station No.	Name	Address	Generator Size (kW)
5	Hancock/North Theobald Street	836 North Theobald Street	250
16	South Theobald Street	1417 South Theobald Street	450
34	Mary/Reed	803 East Reed Road	125
40	Daniel/Reed	339 West Reed Road	450
53	Tennessee Gas Road	203 Tennessee Gas Road	250

Table 2: Pump Stations Equipped with Standby Power

CS is capable of handling most emergency repairs. It is imperative that the on-site crew notifies the Public Works Director if additional resources (e.g., rental equipment or outside contractors/vendors) are necessary. If the need for additional equipment or critical spare parts arises, CS has the option of renting the equipment, purchasing from a vendor or utilizing a maintenance contractor.

In the case that a bypass or backup occurs as the result of a pump station malfunction, the notification procedure outlined in the City's SORP must be followed. CS maintains records of emergency occurrences at each pump station, including the corrective actions made. These records aid in scheduling preventative maintenance in order to ensure the reliable performance of the affected pump station. A Pump Station Emergency Response Report can be found in Appendix H.

7.0 Inventory Management System

CS maintains an inventory at 806 West Union Street, Greenville, MS, of a portion of the critical spare parts necessary for the reliable operation of the 104 sewer pump stations. The balance is sourced through vendors that maintain a consistent inventory of items available for pickup immediately 24/7/365. Since all pump stations are capable of bypass

pumping with diesel pumps, which the City of Greenville owns and CS maintains, the need for an exhaustive onsite inventory of every size valve, fitting, etc. would prove to be financially and managerially cumbersome. A list of the parts and equipment that are available for sewer maintenance can be found in Appendix I.

CS will review/amend the inventory of in-house stocked critical spare parts at least annually based on utilization. Critical spare parts stocked by outside vendors will be confirmed on a semi-annual basis. City-owned equipment availability will be updated weekly. Additions or deletions to critical equipment inventory will be made annually.

CS has agreements in place with the following vendors to secure those critical spare parts and equipment not routinely stocked by CS in order to ensure repairs can be made in a reasonable amount of time:

- Southern Pipe (Water/Sewer (W/S) Supplies) (24 Hr. Service)
  1021 S. Broadway
  Greenville, MS 38701
  (662) 378-2630

- Applied Industrial Technologies (Bearings/Bushings)
  257 S. Walnut St.
  Greenville, MS 38701
  (662) 332-1536

- Fluid Process & Pumps (Pump Supplier)
  318 Legget Drive
  Richland, MS 39218
  (601) 927-6744

- Mills Supply, Inc. (Electrical Supplies)
  1398 MLK Jr. Blvd. North
  Greenville, MS 38701
  (662) 335-1144

- Sequel Electrical Supply (Electrical Supplies) (24 Hr. Service)
  610 Kentucky St.
  Greenville, MS 38701
  (662) 332-0800

- Hydra Service, Inc. (Bypass Pump Company) (24 Hr. Service)
  4381 Highway 80
  Pelahatchie, MS 39145
  (601) 854-5502

- Gulf States Engineering Company, Inc. (Flygt Pump Supplies)
  7007 Channel 16 Way
  Jackson, MS 39209
  (601) 922-1364

- Webb Electric (Electrical Services) (24 Hr. Service)
  (662) 820-4624

- Scott Electric (Electrical Contractor) (24 Hr. Service)
  708 E. Clay St.
  Greenville, MS 38701
  (662) 334-3021

- Causey Electric (Electrical Contractor) (24 Hr. Service)
  2484 Hummingbird Dr.
  Greenville, MS 38701
  (662) 335-0963

- Desoto County Electric (Electrical Supplies) (24 Hr. Service)
  2298 Nail Rd.
  Horn Lake, MS 38637
  (662) 342-9141

- Meter Service and Supply Co. (W/S Supplies) (24 Hr. Service)
  598 E. Brooks Road
  Memphis, TN 38116
  (901) 332-4942

- H.D. Supply (W/S Supplies)
  947 N. Broadway St.
  Greenville, MS 38701
  (662) 335-2316

- USA Blue Book (W/S Supplies)
  www.usabluebook.com

- Creative Automated Technologies (Electrical Supplies)
  1185 VFW Rd.
  Greenville, MS 38701
  (662) 335-5085

- Industrial Service (General Industrial Contractor)
  1789 MS-1
  Greenville, MS 38703
  (662) 334-9408

- Kendall Crane (Crane Services)
  815 S. Raceway Rd.
  Greenville, MS 38703
  (662) 335-1734

- Mid South Electric Co. (Motor Repair Company)
  3021 US-82
  Greenville, MS 38701
  (662) 332-3512

- C & C Pump (Pump Rebuild Company)
  2213A Coldsprings Rd.
  Sardis, MS 38666
  (662) 563-0011

- Avis Construction (Municipal Repairs, General Construction) (24 Hr. Service)
  3870 MS-1
  Wayside, MS 38730
  (662) 335-4752

- Mixon Concrete/Construction (Municipal Repairs, General Construction)
  840 N. Beauchamp Ext.
  Greenville, MS 38701
  (662) 332-2957

- Garner Shannon Construction (Municipal Repairs, General Construction)
  103 Pluck Rd.
  Belzoni, MS 39038
  (662) 247-3724

- Luckett Pump & Well Services (SCADA Services) (24 Hr. Service)
  1420 Emerald Rd.
  Tutwiler, MS 38963
  (662) 624-2398

8.0 Work Order Management

Maintenance needs may be identified through customer complaints, SCADA reports, periodic inspections or using equipment manufactures recommendations. Work orders are entered in the Microsoft Access program that CS uses to track activities. The standard form used to document maintenance activities and repairs can be found in Appendix J. The status of work orders will be checked daily and marked “Closed” upon successful completion of the associated maintenance or repair activities.

9.0 Staffing and Funding

CS is under contract with the CITY to manage the CITY's public works department (PWD) which consists of the water department, sewer department, water utility department solid waste department, waste water treatment plant, street department, buildings/grounds department and fleet maintenance department. CS's total staff consists of 81 employers and 22 CITY public works department personnel.

Of these personnel, twenty-two (22) CS/PWD employees manage the CITY's sewer collection/pump stations. A breakdown of their time, associated with both pump station preventive and routine maintenance, is listed below:

Employee Name	**Routine Maintenance**	**Preventive Maintenance**
Donde Baldwin	20%	10%
Brad Jones	50%	50%
Jeff Appleton	60%	10%
Kendrick Davis	80%	10%
Tommie Willis	90%	10%
Thomas Lee	90%	10%
Sedrick Jackson	90%	10%
Tim Smith	90%	10%
Keeton Robinson	40%	10%
Johnny Durkins	40%	10%
Brian Cook	100%	---
Slyvester Winters	100%	---
Eddie Durkins	100%	---
Adrick McMiller	30%	10%
Leon Martin	10%	---
Jermaine Sleet	10%	---
Johnny Sellers, Jr.	10%	---
Eugene Holley	30%	10%
Jessie Ross	10%	---
Christopher Williams	10%	---
Walter Aaron	10%	---
Jefferson Appleton	10%	---

Properly trained personnel are more capable of maintaining the WCTS and effectively preventing the occurrence of emergencies. CS provides PROGRAM training for the crews and support staff. Continued education is repeated on an annual basis, for new employees, and whenever new changes are made to the SORP or PROGRAM.

CS's sewer department budget is itemized below:

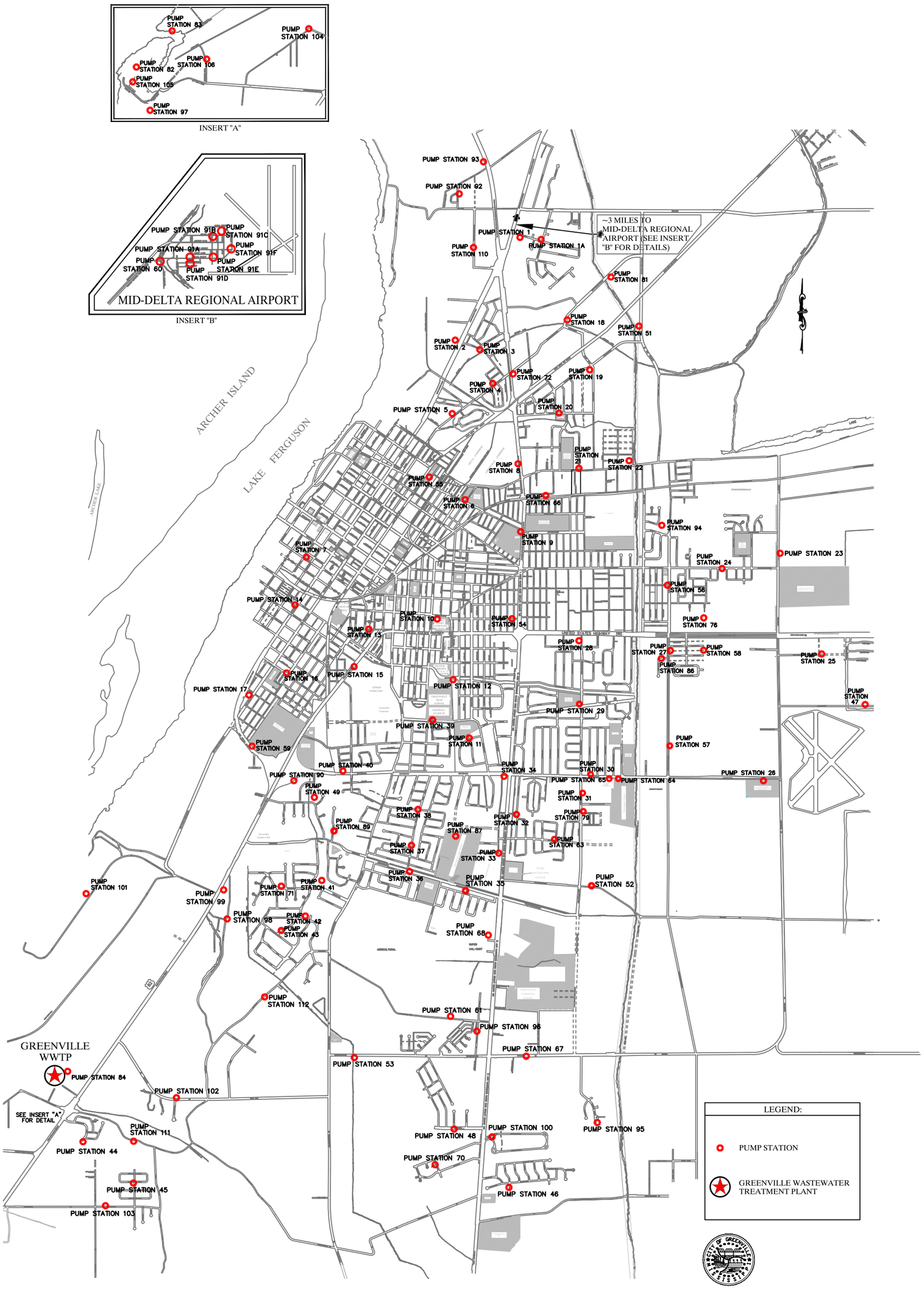
Repair and Maintenance	$1,770,450.00
CS Budget	221,306.25
City Budget	250,000.00
TOTAL	$2,241,756.25

[END OF PROGRAM]

FIGURES

FIGURE 1

PUMP STATION MAP



PUMP STATION OPERATIONS AND PREVENTATIVE MAINTENANCE PROGRAM FOR CAPACITY, MANAGEMENT, OPERATION AND MAINTENANCE (CMOM) PROGRAM GREENVILLE, MISSISSIPPI

Burle Proj. No.: 02500-2-0214

File Name: PS Location Map.dwg

Date: 11/30/17

Scale: NOT TO SCALE

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Checked: JDH

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Revisions:

Revisions:

PUMP STATION MAP

Drawing Number 1

W. L. BURLE ENGINEERS, P.A.
111 South Walnut Street
Greenville, MS 38701

APPENDICES

APPENDIX A

PUMP STATION TECHNICAL SPECIFICATIONS

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 1 - Broadway North/Sisson
Latitude: 33˚26'26.67" N
Longitude: 91˚02'16.70" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:	Fairbanks Nijhuis	Wet Well Depth (ft):	18
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	Design TDH: 64.39'
Pump Serial No.:	10318830	FM Material:	Ferrous
	10318831		
Pump HP:	2 @ 19.6	FM Size (in):	10
Pump Flow (gpm):	2 @ 795	FM Length (ft):	5650
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	240
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5290683	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	50

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the line	Aux. Power:	N/A
HP:	2 @ 19.6	Generator Brand:	N/A
Motor Brand:	Fairbanks Nijhuis	Generator kW:	N/A
Serial Number:	10318830, 10318831		

Other Equipment at Station:

FLOW INFORMATION

Level Control:	3 floats	Flowmeter Type:	2-6" ABB Water Master Type B
Control Manufacturer:	N/A	Lapse Time Meter:	To be intalled by Feb 2018
Redundant level Control:	No	Alarm Type:	To be intalled by Feb 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be intalled by Feb 2018
		Telemetry Type:	To be intalled by Feb 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 1A - Sisson Drive/Northview Dr.
Latitude: 33˚26'25.35" N
Longitude: 91˚02'07.62" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous/PVC
Pump HP:		FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	825
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	2
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5145767	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	*

*Unable to determine main amps.

*MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 floats	Flowmeter Type:	6" ABB Water Master
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 2 - North Broadway/Sampson Rd.
Latitude: 33˚25'47.41" N
Longitude: 91˚02'44.50" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	16
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	Design TDH: 65.00
Pump Serial No.:	K4J1-080819-0	FM Material:	Ferrous
	K4J1-080819-1		
Pump HP:	2 @ 19.6	FM Size (in):	10
Pump Flow (gpm):	2 @ 700	FM Length (ft):	2750
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5382592	Breaker Type:	Eaton
Transformer Type:	Utility Pole	Main Amps:	Could not be determined

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Soft Start	Aux. Power:	N/A
HP:	2 @ 19.6	Generator Brand:	N/A
Motor Brand:	Fairbanks Morse	Generator kW:	N/A
Serial Number:	K4J1-080819-0, K4J1-080819-1		

Other Equipment at Station:

FLOW INFORMATION

Level Control:	3 floats	Flowmeter Type:	To be installed by Feb 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb 2018
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb 2018
		Telemetry Type:	To be installed by Feb 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	PS - 3 Sampson Rd/Townsend St.
Latitude:	33˚25'44.69" N
Longitude:	91˚02'34.71" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:	Reliance Electric	Wet Well Depth (ft):	14.7
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1YUB93425A 2	FM Material:	Ferrous
Pump HP:	2 @ 1.5	FM Size (in):	6
Pump Flow (gpm):	2 @ 250	FM Length (ft):	205
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	250
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5165139	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	30

*Only one of the pump tags had a legible serial number.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 1.5	Generator Brand:	N/A
Motor Brand:	Reliance Electric	Generator kW:	N/A
Serial Number:	1YUB93425A 2		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 4 - Theobold/Lacey St.
Latitude: 33˚25'31.47" N
Longitude: 91˚02'28.33" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	256IIDR7979AN	FM Material:	Ferrous
Pump HP:	2 @ 10	FM Size (in):	2 @ 4 (inside station)
Pump Flow (gpm):	2 @ 500	FM Length (ft):	2200
Bypass Connection?	Yes		

*Pump manufacturer and one of the serial numbers could not be determined.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5356376	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 10	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:	256IIDR7979AN		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2 - 4" ABB Water Master "Type B"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	5 - Hancock/North Theobold
Latitude:	33˚25'18.59" N
Longitude:	91˚02'48.62" W

PUMP INFORMATION

Number of Pumps:	3	Wet Well Diameter (ft):	15.5 (I.D.)
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	15.17
		Equivalent Storage (Gal):	37,250
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	245035-1, 145517	FM Material:	Ferrous
	245035-0		
Pump HP:	40, 50, 40	FM Size (in):	16
Pump Flow (gpm):	3 @ 1900	FM Length (ft):	13,000
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5285074	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	400

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	Yes
Motor Controller:	Across the Line	Aux. Power:	Natural Gas
HP:	40, 50, 40	Generator Brand:	Cummins
Motor Brand:	Fairbanks Morse	Generator kW:	250
Serial Number:	245035-1, 145517, 245035-0		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:		Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	Yes	Alarm Type:	To be installed by Feb. 2018
Number / Type:	4 Floats	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 6 - Union St. / Redbud St.
Latitude: 33˚24'46.84" N
Longitude: 91˚02'41.50" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	9.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	1 @ 2	FM Size (in):	4
Pump Flow (gpm):	1 @ 200	FM Length (ft):	225
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	1
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5062986	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Main amps could not be determined.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:		Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 7 - West Percy/South Shelby
Latitude: 33˚24'24.94" N
Longitude: 91˚03'51.65" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	Irregular
Pump Manufacturers:		Wet Well Depth (ft):	18.3
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 50	FM Size (in):	2 @ 8 (inside station)
Pump Flow (gpm):	2 @ 1500	FM Length (ft):	300
Bypass Connection?	Yes		

*Some pump information was not visible.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	1
		Voltage:	600
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5157989	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	200

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	VFD	Aux. Power:	N/A
HP:	2 @ 50	Generator Brand:	N/A
Motor Brand:	2 @ 1500	Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	Precision Digital	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	Yes	Alarm Type:	To be installed by Feb. 2018
Number / Type:	2 Floats	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 8 - North MLK Blvd./Grenada Dairies
Latitude: 33˚25'00.96" N
Longitude: 91˚02'17.16" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:		Wet Well Depth (ft):	7.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	1 @ 2	FM Size (in):	8
Pump Flow (gpm):	1 @ 250	FM Length (ft):	100
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	440
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:		Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to obtain meter number and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 9 - North MLK Blvd/Union St.
Latitude: 33˚24"35.83" N
Longitude: 91˚02'16.44" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	15.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:	2 @ 20	FM Size (in):	6
Pump Flow (gpm):	2 @ 250	FM Length (ft):	550
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5144058	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 20	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	10 - Carrie Stern
Latitude:	33˚24'02.76" N
Longitude:	91˚02'52.88" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	20
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	23.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	K3W1-071168	FM Material:	Ferrous
Pump HP:	2 @ 40	FM Size (in):	2 @ 8 (inside station)
Pump Flow (gpm):	2 @ 1500	FM Length (ft):	9250
Bypass Connection?	Yes		

*Only one of the pump tags had a legibile serial number.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Enetergy 5275457	Breaker Type:	Cutler Hammer
Transformer Type:	Utility Pole	Main Amps:	600

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	VFD	Aux. Power:	N/A
HP:	2 @ 40	Generator Brand:	N/A
Motor Brand:	Fairbanks Morse	Generator kW:	N/A
Serial Number:	K3W1-071168		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	2-8" ABB WaterMaster "Type B"
Control Manufacturer:	Precision Digital	Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	To be installed by Feb 2018
Number / Type:	3 Floats	Telemetry Manufacturer:	To be installed by Feb 2018
		Telemetry Type:	To be installed by Feb 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 11 - North Kirk Circle/Wortham Dr.
Latitude: 33˚23'19.09" N
Longitude: 91˚02'37.90" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	11.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	K4E1-077421	FM Material:	Ferrous
Pump HP:	2 @ 2	FM Size (in):	4
Pump Flow (gpm):	2 @ 200	FM Length (ft):	50
Bypass Connection?	Yes		

*Only one of the pump tags had a legibile serial number.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5077346	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	30

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 2	Generator Brand:	N/A
Motor Brand:	Fairbanks Morse	Generator kW:	N/A
Serial Number:	K4E1-077421		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	4" ABB WaterMaster "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 12 - South Eureka/Robertshaw
Latitude: 33˚23'41.90" N
Longitude: 91˚02'45.15" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	17.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2	FM Size (in):	8
Pump Flow (gpm):	2 @ 200	FM Length (ft):	80
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	1
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5252558	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 2	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb 2018
		Telemetry Type:	To be installed by Feb 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 13 - Elm/Hernando
Latitude: 33˚23'58.51" N
Longitude: 91˚03'23.53" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	12
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	1 @ 20	FM Size (in):	6
Pump Flow (gpm):	1 @ 500	FM Length (ft):	700
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269398	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	20	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 14 - South Broadway/Clay St.
Latitude: 33˚24'07.70" N
Longitude: 91˚03'54.69" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6.2
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 30	FM Size (in):	6
Pump Flow (gpm):	2 @ 600	FM Length (ft):	1600
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	480
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5122786	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 300	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 15 - Highway 82 West/Quaker Oats
Latitude: 33˚23'44.95" N
Longitude: 91˚03'29.70" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	
Pump HP:	1 @ 2	FM Size (in):	4
Pump Flow (gpm):	1 @ 250	FM Length (ft):	200
Bypass Connection?	Yes		

*Some pump information was not available in control panel or submersible pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	
Meter No.:	Entergy 5275087	Breaker Type:	Circuit Breaker
Transformer Type:	Utility Pole	Main Amps:	Allen Bradley

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors were not assessed.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	4" ABB WaterMaster "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 16 - Phelps/Delesseps
Latitude: 33˚23'41.53" N
Longitude: 91˚03'58.86" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	6
Pump Flow (gpm):	1 @ 200, 1 @ 400	FM Length (ft):	600
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5142776	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 17 - South Theobold
Latitude: 33˚23'33.85" N
Longitude: 91˚04'15.94" W

PUMP INFORMATION

Number of Pumps:	3	Wet Well Diameter (ft):	N/A (irregular)
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	15 avg. (irregular)
		Equivalent Storage (Gal):	32,250
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	46391-0	FM Material:	Presstressed Concrete
Pump HP:	2 @ 150; 1 @ 125	FM Size (in):	30
Pump Flow (gpm):	2 @ 4500; 1 @ 300	FM Length (ft):	16,000
Bypass Connection?	Yes		

Only one of the pump tags had a legible serial number.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5271598	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	600

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	Yes
Motor Controller:	VFD (2); Across the Line (1)	Aux. Power:	Natural Gas
HP:		Generator Brand:	Cummins
Motor Brand:		Generator kW:	450
Serial Number:			

Other Equipment at Station:

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	N/A
Control Manufacturer:	Red Lion	Lapse Time Meter:	To be installed by Feb 2018
Redundant level Control:	Yes	Alarm Type:	To be installed by Feb 2018
Number / Type:	4 Floats	Telemetry Manufacturer:	To be installed by Feb 2018
		Telemetry Type:	To be installed by Feb 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 18 - North Theobold Extended
Latitude: 33˚25'55.47" N
Longitude: 91˚01'55.69" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	2 @ 6 (inside station)
Pump Flow (gpm):	2 @ 250	FM Length (ft):	1550
Bypass Connection?	Not yet installed		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	1
		Voltage:	250
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5260620	Breaker Type:	Cutler Hammer
Transformer Type:	Utility Pole	Main Amps:	

*Main amps could not be determined.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 19 - Pickett/Thornton St.
Latitude: 33˚25'37.45" N
Longitude: 91˚01'45.20" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 400	FM Length (ft):	2175
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	2
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269440	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Neither voltage nor main amps could be determined.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 20 - Legion Dr./Wasson St.
Latitude: 33˚25'20.08" N
Longitude: 91˚01'59.71" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	16.3
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 1.5	FM Size (in):	2 @ 4
Pump Flow (gpm):	2 @ 250	FM Length (ft):	225
Bypass Connection?	Yes		

*Serial numbers not legible on pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	2
		Voltage:	250
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5135019	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Main amps could not be determined.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 21 - Shannon Dr./Old Leland Rd.
Latitude: 33˚24'59.34" N
Longitude: 91˚01'50.55" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Reliance Electric	Wet Well Depth (ft):	15.3
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	2 @ 6 (inside station)
Pump Flow (gpm):	2 @ 500	FM Length (ft):	175
Bypass Connection?	Yes		

*Serial numbers were not legible on pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5214742	Breaker Type:	
Transformer Type:	Utility Pole	Main Amps:	60

*Unable to determine breaker type.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 22 - Tennessee St./Main Canal
Latitude: 33˚25'02.42" N
Longitude: 91˚01'27.71" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	20.7
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	8
Pump Flow (gpm):	2 @ 600	FM Length (ft):	400
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 51353-5	Breaker Type:	
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage, breaker type or main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 23 - East Alexander/Raceway Rd.
Latitude: 33˚24'27.94" N
Longitude: 91˚00'22.37" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	Irregular
Pump Manufacturers:		Wet Well Depth (ft):	Irregular
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 25	FM Size (in):	12
Pump Flow (gpm):	2 @ 2000	FM Length (ft):	75
Bypass Connection?	No		

*Information tags not visible.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	1
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5144721	Breaker Type:	I.T.E
Transformer Type:	Utility Pole	Main Amps:	40

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Information tags not visible.

FLOW INFORMATION

Level Control:	Liquid Level Relay	Flowmeter Type:	12" ABB WaterMaster
Control Manufacturer:		Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	Telemetry
Number / Type:	3 Floats	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

*Control manufacturer can not be determined.

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 24 - East Alexander/Henry Dr.
Latitude: 33˚24'23.69" N
Longitude: 91˚00"47.47" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	13
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	8
Pump Flow (gpm):	2 @ 500	FM Length (ft):	2650
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5127588	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 25 - Anita Joyce Lane
Latitude: 33˚23'54.52" N
Longitude: 91˚00'04.13" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	20
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:	2 @ 3	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	1650
Bypass Connection?	To be installed by Feb. 2018		

*Pump tags will be assessed during 2018 SSES Project #6

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	230
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5150940	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors will be assessed during SSES Project #6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 26 - O'Bannon School
Latitude: 33˚23'08.42" N
Longitude: 91˚00'30.04" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	12.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2	FM Size (in):	6
Pump Flow (gpm):	2 @ 250	FM Length (ft):	2675
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	440
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 95 153 334	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	Not yet installed
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 27 - South Beauchamp/Naples
Latitude: 33˚23'54.21" N
Longitude: 91˚01'10.08" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	11.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	35
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mt. Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5424023	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	4" ABB WaterMaster "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	28 - Smith St.
Latitude:	33˚23'56.24" N
Longitude:	91˚01'49.69" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	28
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	21
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1) K4G1-07842-0	FM Material:	Ferrous
	(2) K4G1-077345-1		
Pump HP:	2 @ 10	FM Size (in):	10
Pump Flow (gpm):	2 @ 100	FM Length (ft):	10
Bypass Connection?	No		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5297130	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:		Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	Telemetry
Number / Type:	4 Floats	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

*Unable to determine control manufacturer.

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 29 - Causey/South Colorado
Latitude: 33˚23'33.23" N
Longitude: 91˚01'49.21" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	17.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	25
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mount Transformer	Phase:	3
		Voltage:	280
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5049718	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	McCrometer SPI-282
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 30 - Garden/Reed Rd.
Latitude: 33˚23'08.14" N
Longitude: 91˚01'44.33" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	16
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1) B5431, (2) 1238300	FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 250	FM Length (ft):	375
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5252559	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 31 - Cottonwood Apartments
Latitude: 33˚23'01.11" N
Longitude: 91˚01'47.50" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	4
Pump Manufacturers:		Wet Well Depth (ft):	12.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1) K4D1-076774-0	FM Material:	PVC
	(2) K4D1-076774-1		
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	600
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5418261	Breaker Type:	
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage, breaker type and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	4" ABB WaterMaster "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 32 - Marilyn/Barbara
Latitude: 33˚22'51.80" N
Longitude: 91˚02'16.51" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	2 @ 4
Pump Flow (gpm):	2 @ 250	FM Length (ft):	150
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	440
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269426	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	30

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	33 - Greenville Mall
Latitude:	33˚22'37.31" N
Longitude:	91˚02'24.46" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1) K2J1-02143	FM Material:	Ferrous
	(2) K4J1-080817		
Pump HP:	2 @ 3	FM Size (in):	2 @ 6
Pump Flow (gpm):	2 @ 20	FM Length (ft):	260
Bypass Connection?	Scheduled for installation		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	250
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269459	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	34 - Mary/Reed
Latitude:	33˚23'06.26" N
Longitude:	91˚02'22.62" W

PUMP INFORMATION

Number of Pumps:	3	Wet Well Diameter (ft):	14.5
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	22
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1) 25238-0	FM Material:	Ferrous
Pump HP:	2 @ 10; 1 @ 21	FM Size (in):	16
Pump Flow (gpm):	2 @ 1100; 1 @ 2500	FM Length (ft):	60
Bypass Connection?	No		

*Only one serial number was legibile on tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5172830	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	200

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	Yes
Motor Controller:	VFD	Aux. Power:	Natural Gas
HP:		Generator Brand:	Cummins
Motor Brand:		Generator kW:	125
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	Red Lion	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	Yes	Alarm Type:	Light
Number / Type:	4 Floats	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 035 - Sudan/Wintergreen
Latitude: 33˚22'24.36" N
Longitude: 91˚02'37.20" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Pre-stressed Concrete
Pump HP:	2 @ 3	FM Size (in):	10
Pump Flow (gpm):	2 @ 250	FM Length (ft):	2400
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	250
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5144718	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 36 - Canal St./Bowman Blvd.
Latitude: 33˚22'30.77" N
Longitude: 91˚03'04.33" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	10
Pump Flow (gpm):	2 @ 250	FM Length (ft):	3725
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5290673	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 37 - Canal St./Iris
Latitude: 33˚22'40.47" N
Longitude: 91˚03'03.01" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	13
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	2740
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5145075	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 38 - St. Anthony/Canal St.
Latitude: 33˚22'53.75" N
Longitude: 91˚03'00.25" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	11
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	1 @ 250; 1 @ 200	FM Length (ft):	1400
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	440
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:		Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine meter number and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 39 - Gamwyn Dr./Causey
Latitude: 33˚23'26.03" N
Longitude: 91˚02'54.40" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	11
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	5431WD	FM Material:	Ferrous
Pump HP:	1 @ 2	FM Size (in):	4
Pump Flow (gpm):	1 @ 200	FM Length (ft):	205
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5153200	Breaker Type:	Eaton
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	40 - Daniel/Reed
Latitude:	33˚23'06.85" N
Longitude:	91˚03'34.85" W

PUMP INFORMATION

Number of Pumps:	3	Wet Well Diameter (ft):	
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	(1)K4J1-080825-0; (2)K4H1-079338	FM Material:	Ferrous
	(3) K4K1-080825-1		
Pump HP:	2 @ 94.8; 1 @ 71.1	FM Size (in):	24
Pump Flow (gpm):	2 @ 2600	FM Length (ft):	16,500
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5381488	Breaker Type:	Square D (at transfer switch)
Transformer Type:	Utility Pole	Main Amps:	600

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	Yes
Motor Controller:	VFD	Aux. Power:	Natural Gas
HP:		Generator Brand:	Cummins
Motor Brand:		Generator kW:	450
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	N/A
Control Manufacturer:	Red Lion	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 41 - Wildwood Dr.
Latitude: 33˚22'25.68" N
Longitude: 91˚03'43.67" W

PUMP INFORMATION

Number of Pumps:	2 (1 present)	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	15
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1YUB93426A 6	FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 250	FM Length (ft):	300
Bypass Connection?	Yes		

*Unable to determine pump manufacturer and one of the pump serial numbers.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	230
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5261494	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 3	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:	1YUB93426A6		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 42 - Idlewood Dr./McClain
Latitude: 33˚22'12.38" N
Longitude: 91˚03'51.00" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	1200
Bypass Connection:	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5277925	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable todetermine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 43 - McClain/Plantation Dr.
Latitude: 33˚22'07.61" N
Longitude: 91˚04'01.45" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	5
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	K4J1-080817	FM Material:	Ferrous
Pump HP:	3	FM Size (in):	6
Pump Flow (gpm):	200	FM Length (ft):	125
Bypass Connection?	No		

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	3
		Voltage:	240
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5141555	Breaker Type:	Allen Bradley
Transformer Type:	Pad Mounted	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	VFD	Aux. Power:	N/A
HP:	3	Generator Brand:	N/A
Motor Brand:	Fairbanks Morse	Generator kW:	N/A
Serial Number:	K4J1-080817		

Other Equipment at Station:

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	N/A
Control Manufacturer:	Allen Bradley	Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	N/A
Number / Type:	3 Floats	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 44 - Countrywood Subdivision
Latitude: 33˚20'52.40" N
Longitude: 91˚05'24.71" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	12
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 500	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	3375
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 76 424 877	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 45 - Champion Dr.
Latitude: 33˚20'36.64" N
Longitude: 91˚05'01.04" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	15
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous/PVC
Pump HP:	2 @ 3	FM Size (in):	6 to 8
Pump Flow (gpm):	2 @ 200	FM Length (ft):	4600
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 74 295 959	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	2-4" ABB WaterMaster "Type B"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 46 - Essex Place/Oxford Dr.
Latitude: 33˚20'33.87" N
Longitude: 91˚02'19.39" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	20
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	6050
Bypass Connection:	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	280
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 74295958	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB Water Master "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 47 - Glendale Road
Latitude: 33˚23'36.03" N
Longitude: 91˚59'43.95" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Gorman Rupp; Crown	Wet Well Depth (ft):	14.3
		Equivalent Storage (Gal):	
Pump Type:	Self Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Crown - Model 3C03D-0007B-001	FM Material:	PVC
Pump HP:	2 @ 3	FM Size (in):	4
Pump Flow (gpm):	2 @ 150	FM Length (ft):	3500
Bypass Connection?	Yes		

*Some information not legibile on pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5115763	Breaker Type:	I.T.E.
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	3	Generator Brand:	N/A
Motor Brand:	Century	Generator kW:	N/A
Serial Number:	BD11. Part: 6-331550-11		

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB FlowMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 48 - Rayner Road/Bobolink Pl
Latitude: 33˚20'54.99" N
Longitude: 91˚02'43.35" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):	2 @ 150	FM Length (ft):	55
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5164613	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WeatherMaster "Type D"
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 49 - Anne Stokes
Latitude: 33˚22'56.72" N
Longitude: 91˚03'48.21" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	13.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2	FM Size (in):	6
Pump Flow (gpm):	2 @ 200	FM Length (ft):	2250
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5337033	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	51 - N. Beauchamp Ext./Thornton
Latitude:	33˚25'52.47" N
Longitude:	91˚01'24.58" W

PUMP INFORMATION

Number of Pumps:	3	Wet Well Diameter (ft):	14.9
Pump Manufacturers:	1-GE; 2-Fairbanks Morse	Wet Well Depth (ft):	17
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	Design TDH: 20.00'
Pump Serial No.:	GE Model: 5K284DN4025	FM Material:	Ferrous
	Fairbanks Morse:K4G1-07882-1		
Pump HP:	GE-1 @ 7.5; Fair. Morse: 2 @ 9.7	FM Size (in):	10
Pump Flow (gpm):	3 @ 1100	FM Length (ft):	1900
Bypass Connection?	Yes		

*Pump serial number legible on only 2 of the pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	460
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5261466	Breaker Type:	Consolidated Electric Co.
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor information is the same as pump information.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	52 - Fairgrounds Rd.
Latitude:	33˚22'26.02" N
Longitude:	91˚01'43.50" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	Irregular
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	33.83
		Equivalent Storage (Gal):	58,250
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	K4G1-078843-0	FM Material:	Ferrous
	K4G1-078843-1		
Pump HP:	2 @ 40	FM Size (in):	12
Pump Flow (gpm):	2 @ 1500	FM Length (ft):	1625
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	460
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5284982	Breaker Type:	Allis Chalmers
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor information is the same as pump information.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	Not yet installed
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Not yet installed
Number / Type:	N/A	Telemetry Manufacturer:	Not yet installed
		Telemetry Type:	Not yet installed

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 53 - Tennessee Gas Rd.
Latitude: 33˚21'21.16" N
Longitude: 91˚03'27.15" W

PUMP INFORMATION

Number of Pumps:	2 (1 present)	Wet Well Diameter (ft):	Irregular
Pump Manufacturers:	Emerson	Wet Well Depth (ft):	Irregular
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	F11-02129662-100R	FM Material:	Ferrous
Pump HP:	1 @ 40	FM Size (in):	24
	1 @ 3000	FM Length (ft):	1200
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 75 253 717	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	400

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	Yes
Motor Controller:	Across the Line	Aux. Power:	Natural Gas
HP:		Generator Brand:	Cummins
Motor Brand:		Generator kW:	250
Serial Number:			

Other Equipment at Station:

*Motor information same as pump information.

FLOW INFORMATION

Level Control:	Pressure Transducer	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	Red Lion	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	Yes	Alarm Type:	To be installed by Feb. 2018
Number / Type:	3 Floats	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 54 - Moore/4th St.
Latitude: 33˚24'04.16" N
Longitude: 91˚02'19.25" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	2 @ 4 (inside station)
Pump Flow (gpm):	2 @ 500	FM Length (ft):	190
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5144830	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	Not yet installed
Control Manufacturer:	N/A	Lapse Time Meter:	Not yet installed
Redundant level Control:	No	Alarm Type:	Not yet installed
Number / Type:	N/A	Telemetry Manufacturer:	Not yet installed
		Telemetry Type:	Not yet installed

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	55 - 1896 Water Plant
Latitude:	33˚24'55.06" N
Longitude:	91˚02'57.33" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	17.7
Pump Manufacturers:	Ebara; Fairbanks Morse	Wet Well Depth (ft):	26.7
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 60	FM Size (in):	6
Pump Flow (gpm):	2 @ 1250	FM Length (ft):	1225
Bypass Connection?	Yes		

*Pump serial numbers not legibile on pump tags.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	600
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5249831	Breaker Type:	Eaton-Cutler Hammer
Transformer Type:	Utility Pole	Main Amps:	200

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	2-VFDs	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 56 - South Beauchamp/Elizabeth
Latitude: 33˚24'17.29" N
Longitude: 91˚01'11.14" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	14
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 20	FM Size (in):	2 @ 6 (inside station)
Pump Flow (gpm):	2 @ 400	FM Length (ft):	1500
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5284716	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	50

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 57 - Nottingham Apartments
Latitude: 33˚24'04.16" N
Longitude: 91˚02'19.25" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1C2T1-069372	FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	8
Pump Flow (gpm):	2 @ 250	FM Length (ft):	1950
Bypass Connection?	Not yet installed		

*Unable to determine pump manufacturer.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	2
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 77246806	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor information is same as pump information.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	58 - Naple St.
Latitude:	33˚23'54.23" N
Longitude:	91˚00'54.65" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:	Crane	Wet Well Depth (ft):	11.55
		Equivalent Storage (Gal):	
Pump Type:	Self-priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model: 3C06D-0008L-001	FM Material:	Ferrous
Pump HP:	1 @ 2	FM Size (in):	4
Pump Flow (gpm):	1 @ 175	FM Length (ft):	25
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	460
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	70

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:	2643319		

Other Equipment at Station:

*Some motor information was not legibile on tag.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 59 - South Broadway Loop
Latitude: 33˚23'14.93" N
Longitude: 91˚04'13.28" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1332725	FM Material:	Ferrous
Pump HP:	1 @ 3	FM Size (in):	3
Pump Flow (gpm):	1 @ 200	FM Length (ft):	360
Bypass Connection?	No		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5256625	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Information on motor tag was not legibile.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 60 - Metcalf Road at S Entrance to Airport
Latitude: 33˚28'40.80" N
Longitude: 91˚00'13.89" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model No.: T6A3-B	FM Material:	Ferrous
Pump HP:	1 @ 5	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	625
Bypass Connection?	No		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	208-230/460
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:		Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:		Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	5	Generator Brand:	N/A
Motor Brand:	Baldor Reliancer	Generator kW:	N/A
Serial Number:	36C7844T846H1		

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 61 - Gamari Road
Latitude: 33˚21'36.26" N
Longitude: 91˚02'44.19" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	985
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 95 153 308	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	30

*Unable to determine voltage.

MOTOR INFORMATION

Motor Control Location:		Standby Generator?	
Motor Controller:		Aux. Power:	
HP:		Generator Brand:	
Motor Brand:		Generator kW:	
Serial Number:			

Other Equipment at Station:

*Motors will be assessed during SSES Project No. 6

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 63 - Lisa Dr.
Latitude: 33˚22'42.42" N
Longitude: 91˚01'59.61" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	
Pump Flow (gpm):	2 @ 250	FM Length (ft):	1125
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	2
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269428	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 66 - 8th St./Railroad Ave.
Latitude: 33˚24'49.28" N
Longitude: 91˚02'05.86" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:	Gorman Rupp	Wet Well Depth (ft):	8
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	306698	FM Material:	Ferrous
Pump HP:	1 @ 2	FM Size (in):	4 to 3 to 8
Pump Flow (gpm):		FM Length (ft):	130
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5278971	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2	Generator Brand:	N/A
Motor Brand:	LIMA	Generator kW:	N/A
Serial Number:	R23582FD		

Other Equipment at Station:

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	3" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 67 - Vessels of Mercy
Latitude: 33˚21'22.29" N
Longitude: 91˚02'12.52" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1377148	FM Material:	PVC
Pump HP:	1 @ 3	FM Size (in):	6
Pump Flow (gpm):	1 @ 250	FM Length (ft):	1330
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin County 77 246 802	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor not present.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 68 - WalMart Shopping Center
Latitude: 33˚22'07.08" N
Longitude: 91˚02'28.92" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	2250
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	460
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5215373	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 5	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors will be assessed during SSES Project No. 6

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB WaterMaster D Type
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	SCADA
Number / Type:	N/A	Telemetry Manufacturer:	Mission
		Telemetry Type:	SCADA

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 70 - River Club
Latitude: 33˚20'41.43" N
Longitude: 91˚02'51.84" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	17.5
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	6
Pump Flow (gpm):	2 @ 150	FM Length (ft):	6300
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 95153257	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 71 - Wildwood Dr.
Latitude: 33˚22'23.36" N
Longitude: 91˚04'01.18" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	16.8
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	2210832-0	FM Material:	Ferrous
	2210832-1		
Pump HP:	2 @ 2.9	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	1350
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	3
		Voltage:	230
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 20 933 313	Breaker Type:	Allen Bradley
Transformer Type:	Pad Mounted	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	1-VFD; 1 Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 72 - N Theobold/N MLK Blvd.
Latitude: 33˚25'35.80" N
Longitude: 91˚02'20.06" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	17
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 3	FM Size (in):	2 @ 6 (inside station)
Pump Flow (gpm):	2 @ 250	FM Length (ft):	305
Bypass Connection?	Not yet installed		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 76 - East Park Addition
Latitude: 33˚24'06.10" N
Longitude: 91˚00'55.43" W

PUMP INFORMATION

Number of Pumps:	2 (1 in station)	Wet Well Diameter (ft):	6
Pump Manufacturers:	U.S. Electrical Motors	Wet Well Depth (ft):	14.7
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	I.D. G15402/S09S1870255F	FM Material:	Ferrous
Pump HP:	1 @ 3	FM Size (in):	8
Pump Flow (gpm):		FM Length (ft):	725
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5360347	Breaker Type:	Eaton
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor information is same as pump information.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	Not yet installed
Control Manufacturer:	N/A	Lapse Time Meter:	Not yet installed
Redundant level Control:	No	Alarm Type:	Not yet installed
Number / Type:	N/A	Telemetry Manufacturer:	Not yet installed
		Telemetry Type:	Not yet installed

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 79 - North Medical Park Dr.
Latitude: 33˚22'53.45" N
Longitude: 91˚01'47.85" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous/PVC
Pump HP:		FM Size (in):	4 to 3
Pump Flow (gpm):		FM Length (ft):	775
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy VMO10372	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	8 Floats	Flowmeter Type:	" ABB WaterMaster Type D
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 81 - N. Theobald Ext./Main Canal
Latitude: 33˚26'12.18" N
Longitude: 91˚01'37.12" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:		FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	1600
Bypass Connection?	No		

*No pump information was available in control panel and submersible pump tags not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5165944	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:
*Motors not assessed.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 82 - Warfield Point LS#1/Bathroom
Latitude: 33˚21'22.58" N
Longitude: 91˚07'17.79" W

PUMP INFORMATION

Number of Pumps: 2
Pump Manufacturers:
Pump Type: Submersible
Pump Serial No.:
Pump HP:
Pump Flow (gpm):
Bypass Connection? Not yet installed

Wet Well Diameter (ft):
Wet Well Depth (ft):
Equivalent Storage (Gal):
Invert Elevation:
Pressure Gauge Dischrge:
FM Material:
FM Size (in):
FM Length (ft): 1050

*Pump tags on these submersible pumps will be assessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:
Service: UG
Meter No.:
Transformer Type:

Phase:
Voltage:
Disconnect Type: Circuit Breaker
Breaker Type: Eaton
Main Amps:

*Motors will be assessed during SSES Project No. 6 in 2018.

MOTOR INFORMATION

Motor Control Location: Panel
Motor Controller: Across the Line
HP:
Motor Brand:
Serial Number:

Standby Generator?
Aux. Power:
Generator Brand:
Generator kW:

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:
Control Manufacturer:
Redundant level Control:
Number / Type:

Flowmeter Type: N/A
Lapse Time Meter: No
Alarm Type: N/A
Telemetry Manufacturer: N/A
Telemetry Type: N/A

Control Sequence:

*Level control information will be determined when pump station is reassessed during SSES Project No. 6 in 2018.

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 83 - Warfield Point LS#2/Dump Pit
Latitude: 33˚21'12.17" N
Longitude: 91˚07'34.59" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	
Pump HP:		FM Size (in):	
Pump Flow (gpm):		FM Length (ft):	360
Bypass Connection?	Yes		

*Pump information not available in control panel. Will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:		Phase:	
		Voltage:	
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:		Breaker Type:	Cutler-Hammer
Transformer Type:		Main Amps:	

*Unable to determine much of the electrical information. Will be reassessed during SSES Project No. 6 in 2018.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to determine much of the motor information. Will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:		Flowmeter Type:	N/A
Control Manufacturer:		Lapse Time Meter:	No
Redundant level Control:		Alarm Type:	N/A
Number / Type:		Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

*Unable to determine much of the flow information. Will be reassessed during SSES Project No. 6 in 2018.

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 84 - Peripheral System Influent Station @ WWTP
Latitude: 33˚21'18.34" N
Longitude: 91˚05'34.67" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:	Fairbanks Morse	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	1791491	FM Material:	Ferrous
	2204384		
Pump HP:	2 @ 71.1	FM Size (in):	20
Pump Flow (gpm):		FM Length (ft):	
Bypass Connection?	No		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	3
		Voltage:	460
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:		Breaker Type:	GE
Transformer Type:	Pad Mounted Transformer	Main Amps:	

*Unable to determine meter number and main amps. Will be reassessed during SSES Project No. 6 in 2018.

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	1-Soft Start; 2 VFD	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	MagMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 86 - Cauley Cove
Latitude: 33˚23'50.65" N
Longitude: 91˚01'13.18" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	16.5
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 5	FM Size (in):	2 @ 6 (inside station)
Pump Flow (gpm):		FM Length (ft):	220
Bypass Connection?	No		

*Much information was not available in control panel. PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	120
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5171163	Breaker Type:	Cutler Hammer Eaton
Transformer Type:	Utility Pole	Main Amps:	42

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors will be assessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 89 - Cypress Ridge
Latitude: 33˚22'44.88" N
Longitude: 91˚03'37.54" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Flygt	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2.3	FM Size (in):	3
Pump Flow (gpm):		FM Length (ft):	385
Bypass Connection?	Yes		

*This PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	1
		Voltage:	230
Service:	UG	Disconnect Type:	Fused
Meter No.:	Entergy 11503975	Breaker Type:	
Transformer Type:	Pad Mounted	Main Amps:	

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*This PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	3" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 90 - Welcome Center
Latitude: 33˚23'03.42" N
Longitude: 91˚04'00.88" W

PUMP INFORMATION

Number of Pumps: 2
Pump Manufacturers:
Pump Type: Submersible
Pump Serial No.:
Pump HP:
Pump Flow (gpm):
Bypass Connection? No

Wet Well Diameter (ft):
Wet Well Depth (ft):
Equivalent Storage (Gal):
Invert Elevation:
Pressure Gauge Dischrge:
FM Material: PVC
FM Size (in): 2 @ 4 (inside station)
FM Length (ft):

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source: Pad Mounted Transformer
Service: UG
Meter No.: Entergy 55329351
Transformer Type: Pad Mounted Transformer

Phase: 3
Voltage: 230
Disconnect Type: Circuit Breaker
Breaker Type: Allen Bradley
Main Amps: 25

MOTOR INFORMATION

Motor Control Location: Panel
Motor Controller: VFD
HP:
Motor Brand:
Serial Number:

Standby Generator? No
Aux. Power: N/A
Generator Brand: N/A
Generator kW: N/A

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control: 2 Floats
Control Manufacturer: N/A
Redundant level Control: No
Number / Type: N/A

Flowmeter Type: N/A
Lapse Time Meter: No
Alarm Type: N/A
Telemetry Manufacturer: N/A
Telemetry Type: N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91A - 101st St./Echo St.
Latitude: 33˚28'42.34" N
Longitude: 91˚59'56.69" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	1225
Bypass Connection?	No		

*Pump manufacturer and SNs not available in control panel. Submersible tags not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269892	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	70

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	Anchor Scientific	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91B - 102nd St./Bravo St.
Latitude: 33˚28'55.46" N
Longitude: 91˚59'42.67" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	800
Bypass Connection?	No		

*Pump information not available in control panel and submersible pump tags were not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269893	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:
*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91C - 104th St. Bravo St. Inside Fence
Latitude: 33˚28'58.27" N
Longitude: 91˚59'36.08" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous (inside station)
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	1000
Bypass Connection?	No		

*No pump information available in control panel and submersible pump tags not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5272337	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	50

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91D - 101st St./Foxtrot St.
Latitude: 33˚28'38.38" N
Longitude: 91˚59'55.83" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	1650
Bypass Connection?	No		

*Pump manufacturer and SN not available in control panel. Submersible tags were not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5272341	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	70

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:
*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	Anchor Scientific	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91E - 102nd St./Echo St.
Latitude: 33˚28'42.74" N
Longitude: 91˚59'42.36" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	13
Pump Manufacturers:		Wet Well Depth (ft):	23.3
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous (inside station)
Pump HP:		FM Size (in):	12
Pump Flow (gpm):		FM Length (ft):	####
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	208
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5215578	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	175

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	12" ABB Water Master Type C
Control Manufacturer:	Anchor Scientific Inc.	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 91F - 5th St./Debbie St.
Latitude: 33˚28'48.22" N
Longitude: 91˚59'28.66" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	24
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	5
Pump Flow (gpm):		FM Length (ft):	1225
Bypass Connection?	Yes		

*No pump information in control panel and submersible tags not assessed.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	208
Service:	OH/UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5150100	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	90

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB WaterMaster Type D
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 92 - Ferguson St.
Latitude: 33˚26'43.00" N
Longitude: 91˚02'43.44" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	13.5
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model No.: T4A3-8	FM Material:	PVC
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	740
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Generator	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5150104	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	53

MOTOR INFORMATION

Motor Control Location:	MCC	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	Variable Area	Flowmeter Type:	4" ABB WaterMaster Type D
Control Manufacturer:	Dwyer	Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	Telemetry
Number / Type:	4 Floats	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 93 - Shady Acres Trailer Park
Latitude: 33˚26'54.70" N
Longitude: 91˚02'33.35" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	12
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model No.: 11397A-1001	FM Material:	Ferrous
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	940
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269425	Breaker Type:	ITE
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	4" ABB WaterMaster Type E
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 94 - George Lewis Estates Apartments
Latitude: 33˚24'39.38" N
Longitude: 91˚01'14.55" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	17
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	782363	FM Material:	PVC
	752553		
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	380
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5169585	Breaker Type:	Gorman-Rupp
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	Variable Area	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	Dwyer	Lapse Time Meter:	Yes
Redundant level Control:	Yes	Alarm Type:	Telemetry
Number / Type:	3 Floats	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 95 - Princeton Subdivision
Latitude: 33˚20'58.23" N
Longitude: 91˚01'40.21" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	19
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:	2 @ 10	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	4850
Bypass Connection?	Yes		

*Much of pump information was not available in control panel and submersible pump tags were not assessed.

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	3
		Voltage:	230
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 20 933 673	Breaker Type:	Square D
Transformer Type:	Pad Mounted Transformer	Main Amps:	58

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	VFD	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motors not assessed.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 96 - Robinson Lane
Latitude: 33˚21'30.96" N
Longitude: 91˚02'33.26" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:		Wet Well Depth (ft):	6.5
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:		FM Size (in):	3
Pump Flow (gpm):		FM Length (ft):	250
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5330671	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage an main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	3" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 97 - Greenpoint Industrial Park LS#2/Highland Plantation
Latitude: 33˚20'42.82" N
Longitude: 91˚07'18.56" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 20	FM Size (in):	2 @ 8 (inside station)
Pump Flow (gpm):		FM Length (ft):	4315
Bypass Connection:	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5342935	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 98 - Oak Dr./Lillie Lane
Latitude: 33˚22'11.49" N
Longitude: 91˚04'24.78" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	16
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:	2 @ 10	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	3575
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 95 153 306	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	2-4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 99 - Highway 82/Industrial Fill Rd.
Latitude: 33˚22'23.99" N
Longitude: 91˚04'25.95" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	16
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 7.5	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	965
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 95 153 258	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB FlowMaster Type D
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 100 - Cloverdale
Latitude: 33˚20'52.08" N
Longitude: 91˚02'27.35" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	19
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	3300
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy	Breaker Type:	
Transformer Type:	Utility Pole	Main Amps:	70

*Unable to determine breaker type.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	2 @ 3	Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 101 - Industrial Fill
Latitude: 33˚22'23.45" N
Longitude: 91˚05'22.18" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Wet Well/Dry Well	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	8
Pump Flow (gpm):		FM Length (ft):	5850
Bypass Connection?	Yes		

*Unable to obtain much pump information due to high sewer gas readings reported at nearby pump station.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5269399	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine voltage and main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Unable to obtain much motor information due to high sewer gas readings reported at nearby pump station.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	To be installed by Feb. 2018
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018
		Telemetry Type:	To be installed by Feb. 2018

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 102 - Tampa Dr.
Latitude: 33˚21'07.36" N
Longitude: 91˚04'43.98" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	775
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 39 875 875	Breaker Type:	Cutler-Hammer
Transformer Type:	Utility Pole	Main Amps:	30

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	4" ABB WaterMaster Type D
Control Manufacturer:	Flygt	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 103 - Guerdon Dr.
Latitude: 33˚20'28.10" N
Longitude: 91˚05'13.34" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:	Flygt	Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	3085.182 9510833	FM Material:	Ferrous
	3085.182 9630624		
Pump HP:	2 @ 3	FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	405
Bypass Connection?	Yes		

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	230
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 74 295 970	Breaker Type:	
Transformer Type:	Utility Pole	Main Amps:	50

*Unable to determine breaker type.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*Motor information is the same as pump information

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	4" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 104 - Greenpoint Industrial Park LS #3/Highland Plantation
Latitude: 33˚21'11.41" N
Longitude: 91˚05'53.55" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	6
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	6
Pump Flow (gpm):		FM Length (ft):	1850
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5290085	Breaker Type:	Thomas & Betts
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	6" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 105 - Warfield Point LS #3/Main Entrance
Latitude: 33˚21'08.00" N
Longitude: 91˚07'35.59" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	PVC
Pump HP:		FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	2900
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	230
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5342997	Breaker Type:	Eaton
Transformer Type:	Utility Pole	Main Amps:	40

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	3 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 106 - Producers Rice
Latitude: 33˚21'00.72" N
Longitude: 91˚06'33.70" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	10
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	12
Pump Flow (gpm):		FM Length (ft):	5500
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	1
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5165278	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	

*Unable to determine main amps.

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	To be installed by Feb. 2018.
Control Manufacturer:	N/A	Lapse Time Meter:	To be installed by Feb. 2018.
Redundant level Control:	No	Alarm Type:	To be installed by Feb. 2018.
Number / Type:	N/A	Telemetry Manufacturer:	To be installed by Feb. 2018.
		Telemetry Type:	To be installed by Feb. 2018.

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name:	110 - Karen Drive
Latitude:	33˚26'21.94" N
Longitude:	91˚02'38.04" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:	Gorman-Rupp	Wet Well Depth (ft):	11.7
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model No: 11397A-1001	FM Material:	PVC
Pump HP:	3	FM Size (in):	4
Pump Flow (gpm):		FM Length (ft):	1850
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 5 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	220
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5272335	Breaker Type:	Allen Bradley
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:	3	Generator Brand:	N/A
Motor Brand:	U.S. Electrical Motors	Generator kW:	N/A
Serial Number:	Model: 1025-00-1		
Other Equipment at Station:			

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	3" ABB WaterMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular
Control Sequence:			

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 111 - West Bayou Road (Frank Self)
Latitude: 33˚20'51.82" N
Longitude: 91˚05'00.96" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	16
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 4	FM Size (in):	6
Pump Flow (gpm):	2 @ 275	FM Length (ft):	3025
Bypass Connection?	Yes		

*PS will be reassessed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	230
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 74 295 937	Breaker Type:	Square D
Transformer Type:	Utility Pole	Main Amps:	45

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassessed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	2-4" ABB Water Master Type B
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 112 - North Bayou Road
Latitude: 33˚21'42.29" N
Longitude: 91˚04'07.91" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	5
Pump Manufacturers:		Wet Well Depth (ft):	13.5
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:	2 @ 2.4	FM Size (in):	3
Pump Flow (gpm):		FM Length (ft):	1225
Bypass Connection?	Yes		

*PS will be reassesed during SSES Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pad Mounted Transformer	Phase:	1
		Voltage:	230
Service:	UG	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 92 668 738	Breaker Type:	Cutler Hammer Eaton
Transformer Type:	Pad Mounted	Main Amps:	50

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS will be reassesed during SSES Project No. 6 in 2018.

FLOW INFORMATION

Level Control:	4 Floats	Flowmeter Type:	2-4" ABB FlowMaster
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Telemetry
Number / Type:	N/A	Telemetry Manufacturer:	Mission SCADA
		Telemetry Type:	Cellular

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 113 - Public Works Compound
Latitude: 33˚23'17.37" N
Longitude: 91˚03'51.53" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	4
Pump Manufacturers:	Zieller	Wet Well Depth (ft):	10
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	PN152-005	FM Material:	PVC
Pump HP:	1 @ 0.4	FM Size (in):	4
Pump Flow (gpm):	1 @ 70	FM Length (ft):	
Bypass Connection?	No		

*PS scheduled to be reassessed during SSES Project No. 5 in 2018.

ELECTRICAL INFORMATION

Power Source:	120 V Outlet	Phase:	1
		Voltage:	120
Service:		Disconnect Type:	
Meter No.:	Entergy 5317741	Breaker Type:	
Transformer Type:		Main Amps:	

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS scheduled to be reassessed during SSES Project No. 5 in 2018.

FLOW INFORMATION

Level Control:	1 Float	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 114 - Transfer Station (Public Works)
Latitude: 33˚23'09.29" N
Longitude: 91˚03'48.21" W

PUMP INFORMATION

Number of Pumps:	1	Wet Well Diameter (ft):	5
Pump Manufacturers:	Crown	Wet Well Depth (ft):	9
		Equivalent Storage (Gal):	
Pump Type:	Self-Priming	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:	Model: P04LB-8D	FM Material:	PVC
Pump HP:		FM Size (in):	3
Pump Flow (gpm):		FM Length (ft):	
Bypass Connection?	Yes		

*PS scheduled to be reassessed during SSES Project No. 5 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	240
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Entergy 5249835	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	60

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:	Reliance Electric	Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS scheduled to be reassessed during SSES Project No. 5 in 2018.

FLOW INFORMATION

Level Control:	2 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	No
Redundant level Control:	No	Alarm Type:	N/A
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

Pump Station Technical Specifications

SITE INFORMATION

Station Name: 115 - Greenpoint Industrial Park #1/Stokes King Road
Latitude: 33˚20'12.76" N
Longitude: 91˚07'43.70" W

PUMP INFORMATION

Number of Pumps:	2	Wet Well Diameter (ft):	
Pump Manufacturers:		Wet Well Depth (ft):	
		Equivalent Storage (Gal):	
Pump Type:	Submersible	Invert Elevation:	
		Pressure Gauge Dischrge:	
Pump Serial No.:		FM Material:	Ferrous
Pump HP:		FM Size (in):	2 @ 8 (inside station)
Pump Flow (gpm):		FM Length (ft):	3800
Bypass Connection?	Not yet installed		

*PS to be reassessed during Project No. 6 in 2018.

ELECTRICAL INFORMATION

Power Source:	Pole Mounted Transformer	Phase:	3
		Voltage:	480
Service:	OH	Disconnect Type:	Circuit Breaker
Meter No.:	Twin Co. 36 266 259	Breaker Type:	Siemens
Transformer Type:	Utility Pole	Main Amps:	100

MOTOR INFORMATION

Motor Control Location:	Panel	Standby Generator?	No
Motor Controller:	Across the Line	Aux. Power:	N/A
HP:		Generator Brand:	N/A
Motor Brand:		Generator kW:	N/A
Serial Number:			

Other Equipment at Station:

*PS to be reassessed during Project No. 6 in 2018.

FLOW INFORMATION

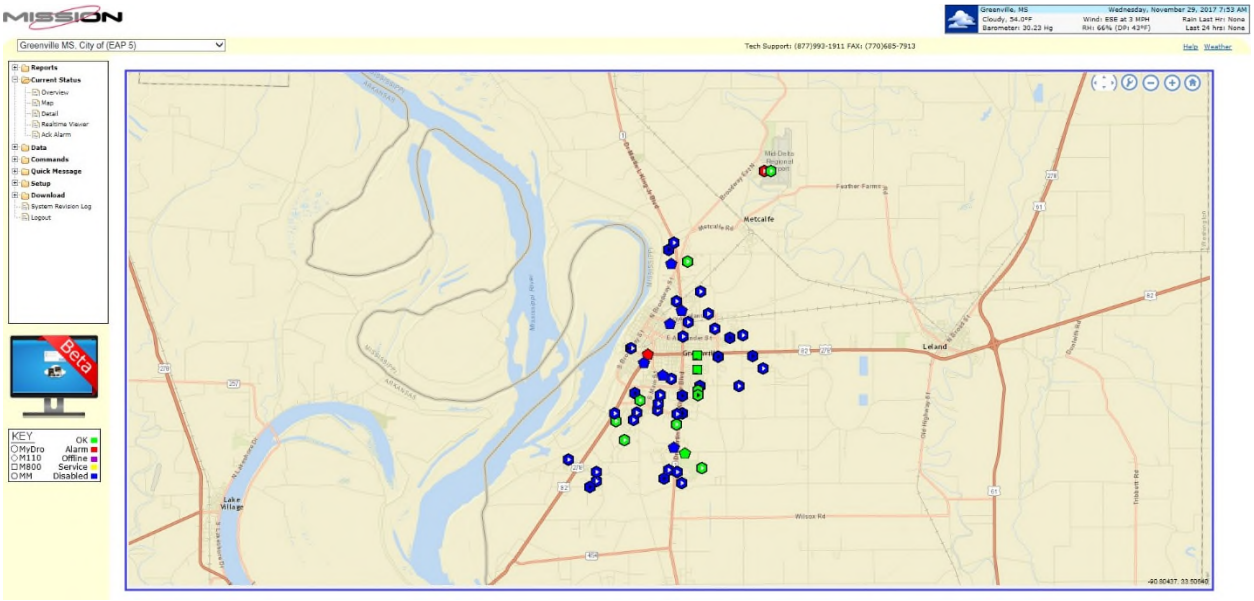
Level Control:	4 Floats	Flowmeter Type:	N/A
Control Manufacturer:	N/A	Lapse Time Meter:	Yes
Redundant level Control:	No	Alarm Type:	Light
Number / Type:	N/A	Telemetry Manufacturer:	N/A
		Telemetry Type:	N/A

Control Sequence:

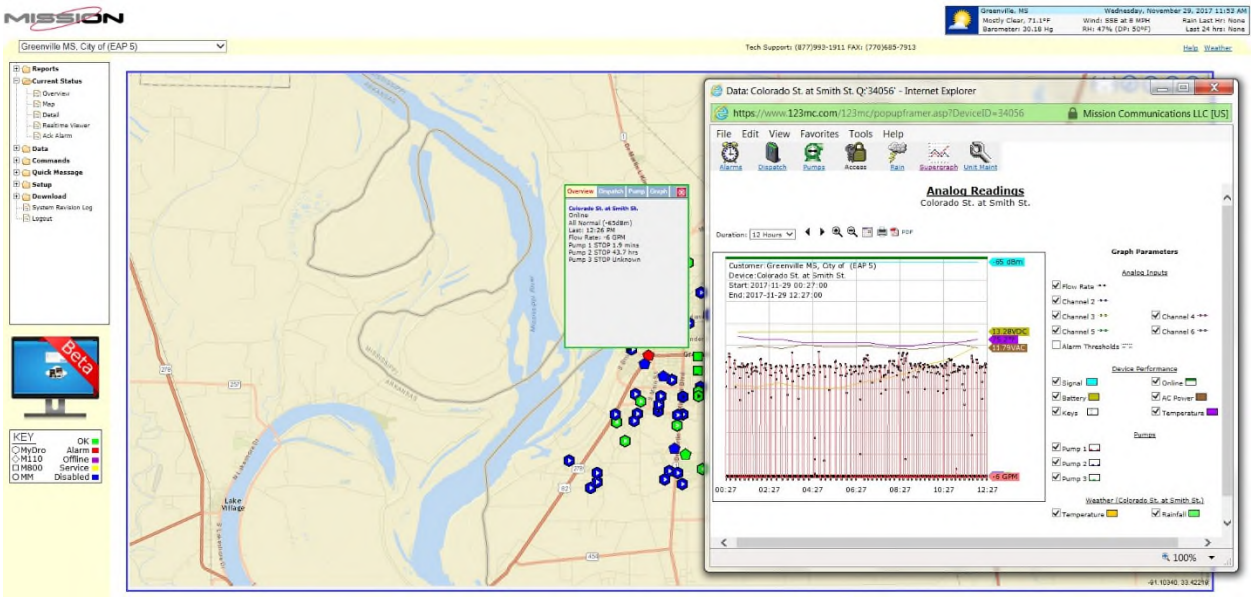
APPENDIX B

SCADA SOFTWARE SCREENSHOTS

OVERALL MAP

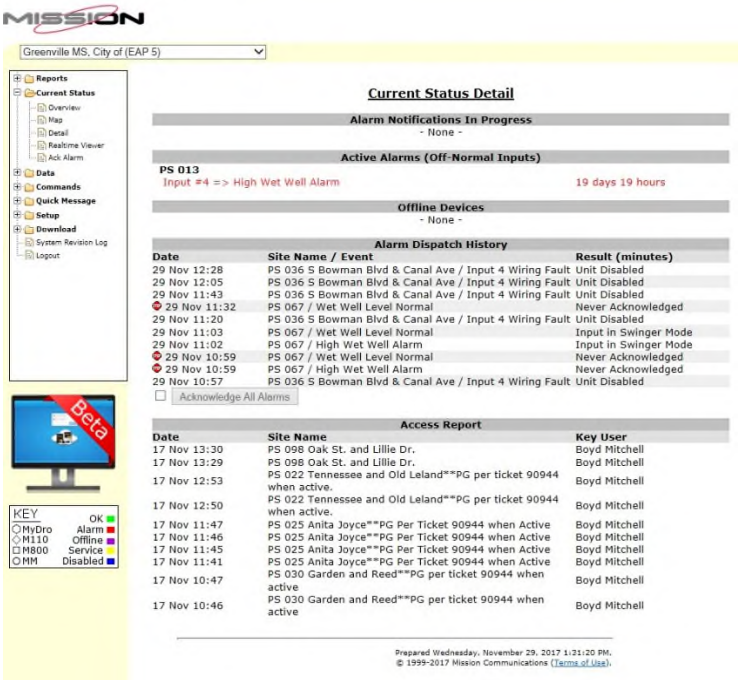


OVERALL MAP WITH DETAILS



STATUS OVERVIEW

CURRENT STATUS DETAIL



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KEY

MyDro	OK
M110	Alarm
M800	Offline
MM	Service
	Disabled

Daily Runtime Summary
Minutes

Jump to: Colorado St. at Causey Dr. Go

Devices / Time	Pump 1 Minutes	Pump 2 Minutes	Multiple Minutes	Total Minutes
Colorado St. at Causey Dr.				
29 Nov	120.0	0.0	0.0	120.0
28 Nov	369.1	0.0	0.0	369.1
27 Nov	358.1	0.0	0.0	358.1
26 Nov	334.6	0.0	0.0	334.6
25 Nov	438.3	0.0	0.0	438.3
24 Nov	509.5	0.0	0.0	509.5
23 Nov	645.2	0.0	0.0	645.2
22 Nov	392.5	0.0	0.0	392.5

Colorado St. at Smith St.	Pump 1 Minutes	Pump 2 Minutes	Pump 3 Minutes	Multiple Minutes	Total Minutes
29 Nov	292.4	0.0	0.0	0.0	292.4
28 Nov	613.4	0.0	0.0	0.0	613.4
27 Nov	591.7	0.2	0.0	0.0	591.9
26 Nov	613.2	0.0	0.0	0.0	613.2
25 Nov	615.3	0.0	0.0	0.0	615.3
24 Nov	606.4	0.0	0.0	0.0	606.4
23 Nov	611.6	0.0	0.0	0.0	611.6
22 Nov	671.1	0.0	0.0	0.0	671.1

PS 001A Sisson Dr and Northview	Pump 1 Minutes	Pump 2 Minutes	Multiple Minutes	Total Minutes
29 Nov	0.0	55.8	0.0	55.8
28 Nov	0.0	108.9	0.0	108.9
27 Nov	0.0	115.6	0.0	115.6
26 Nov	0.0	132.1	0.0	132.1
25 Nov	0.0	132.8	0.0	132.8
24 Nov	0.0	132.0	0.0	132.0
23 Nov	0.0	174.5	0.0	174.5
22 Nov	0.0	176.5	0.0	176.5

PS 006 Union and Red Bud	Pump 1 Minutes	Pump 2 Minutes	Total Minutes
29 Nov	0.0	0.0	0.0
28 Nov	0.0	0.0	0.0
27 Nov	0.0	0.0	0.0
26 Nov	0.0	0.0	0.0
25 Nov	0.0	0.0	0.0
24 Nov	0.0	0.0	0.0
23 Nov	0.0	0.0	0.0
22 Nov	0.0	0.0	0.0

PS 008	Pump 1 Minutes	Pump 2 Minutes	Pump 3 Minutes	Total Minutes
29 Nov	0.0	0.0	0.0	0.0

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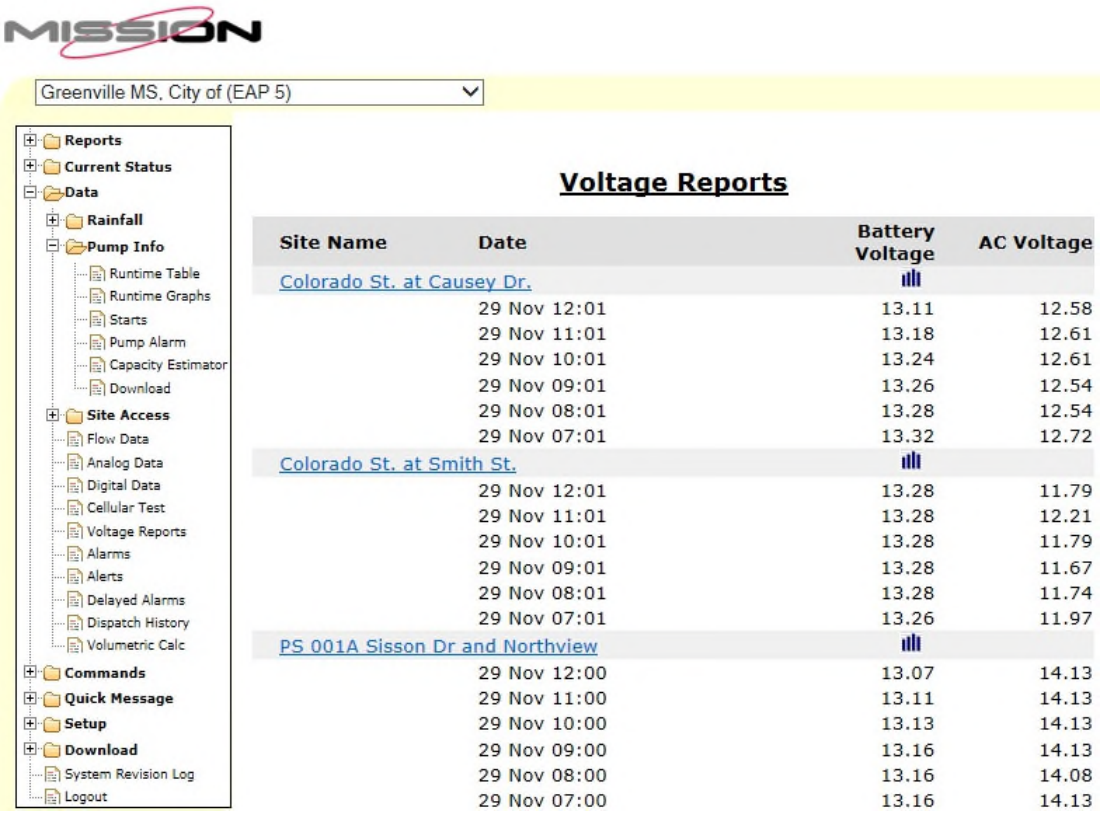
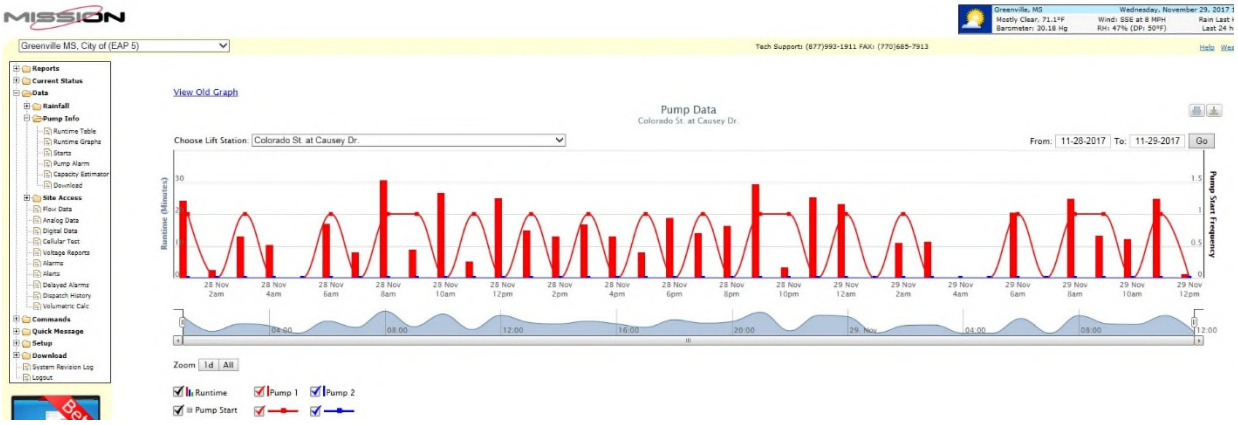
Pump Starts

Device	Time	Pump 1	Pump 2	Pump 3
Colorado St. at Causey Dr.		Pump 1	Pump 2	
	29 Nov 00:00-12:42	5	0	
	28 Nov 00:00-23:59	13	0	
	27 Nov 00:00-23:59	13	0	
	26 Nov 00:00-23:59	15	0	
	25 Nov 00:00-23:59	13	0	
	24 Nov 00:00-23:59	12	0	
	23 Nov 00:00-23:59	11	0	
	22 Nov 00:00-23:59	14	0	
Colorado St. at Smith St.		Pump 1	Pump 2	Pump 3
	29 Nov 00:00-12:42	56	0	0
	28 Nov 00:00-23:59	112	0	0
	27 Nov 00:00-23:59	108	1	0
	26 Nov 00:00-23:59	111	0	0
	25 Nov 00:00-23:59	115	0	0
	24 Nov 00:00-23:59	114	0	0
	23 Nov 00:00-23:59	114	0	0
	22 Nov 00:00-23:59	119	0	0
PS 001A Sisson Dr and Northview		Pump 1	Pump 2	
	29 Nov 00:00-12:42	0	1	
	28 Nov 00:00-23:59	0	2	
	27 Nov 00:00-23:59	0	2	
	26 Nov 00:00-23:59	0	2	
	25 Nov 00:00-23:59	0	2	
	24 Nov 00:00-23:59	0	2	
	23 Nov 00:00-23:59	0	3	
	22 Nov 00:00-23:59	0	3	
PS 006 Union and Red Bud		Pump 1	Pump 2	
	29 Nov 00:00-12:42	0	0	
	28 Nov 00:00-23:59	0	0	
	27 Nov 00:00-23:59	0	0	
	26 Nov 00:00-23:59	0	0	
	25 Nov 00:00-23:59	0	0	
	24 Nov 00:00-23:59	0	0	
	23 Nov 00:00-23:59	0	0	
	22 Nov 00:00-23:59	0	0	

VOLTAGE REPORTS



PUMP DATA



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    - Dispatch History
    - Volumetric Calc
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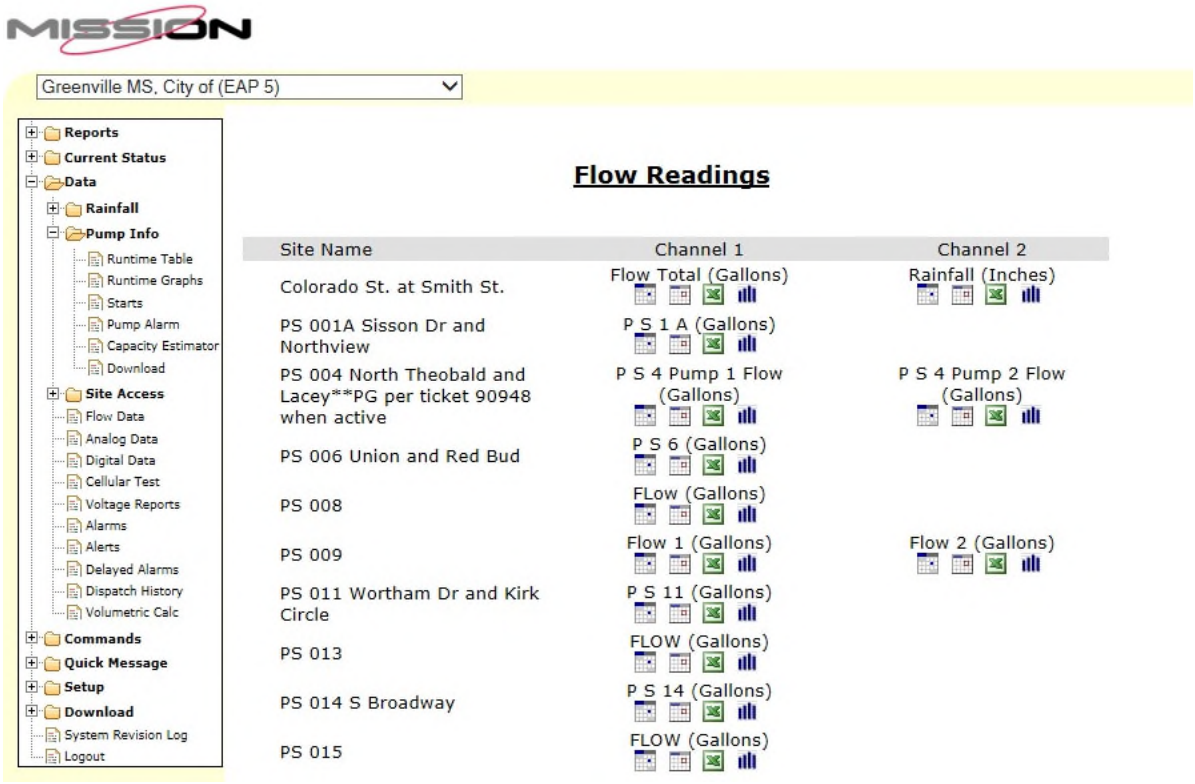
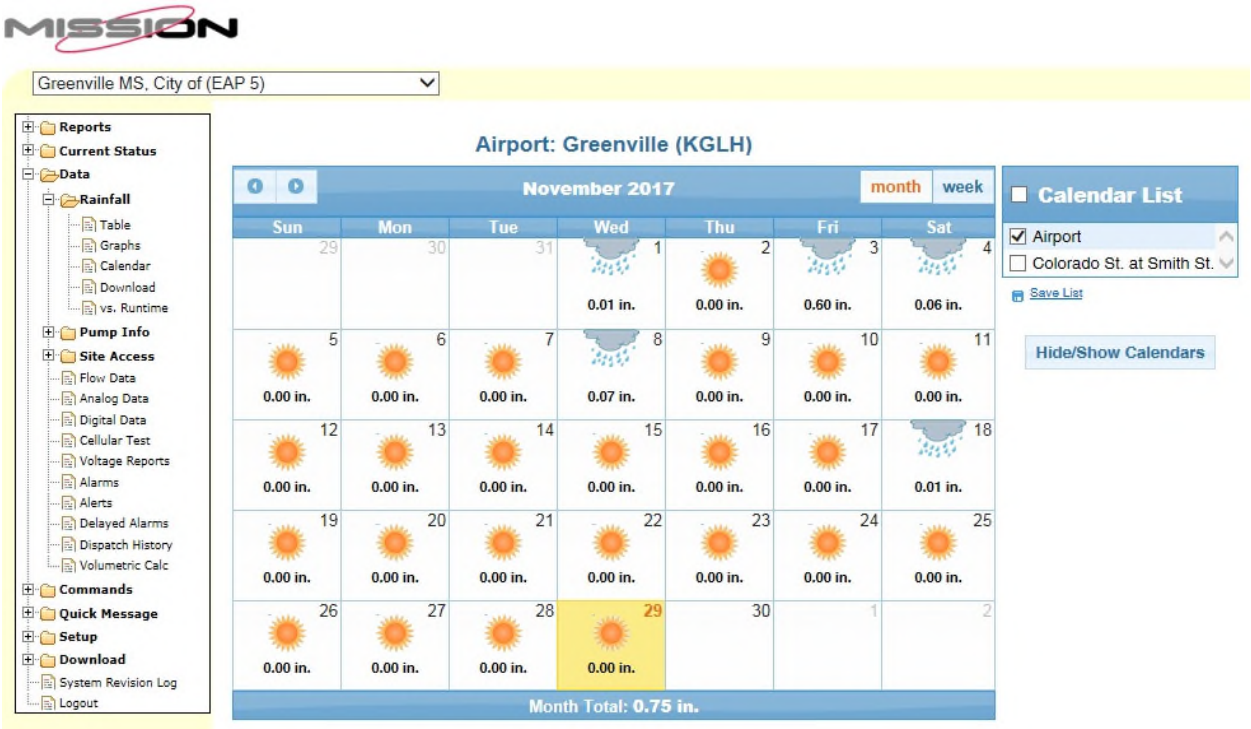
Dispatch History Select Unit

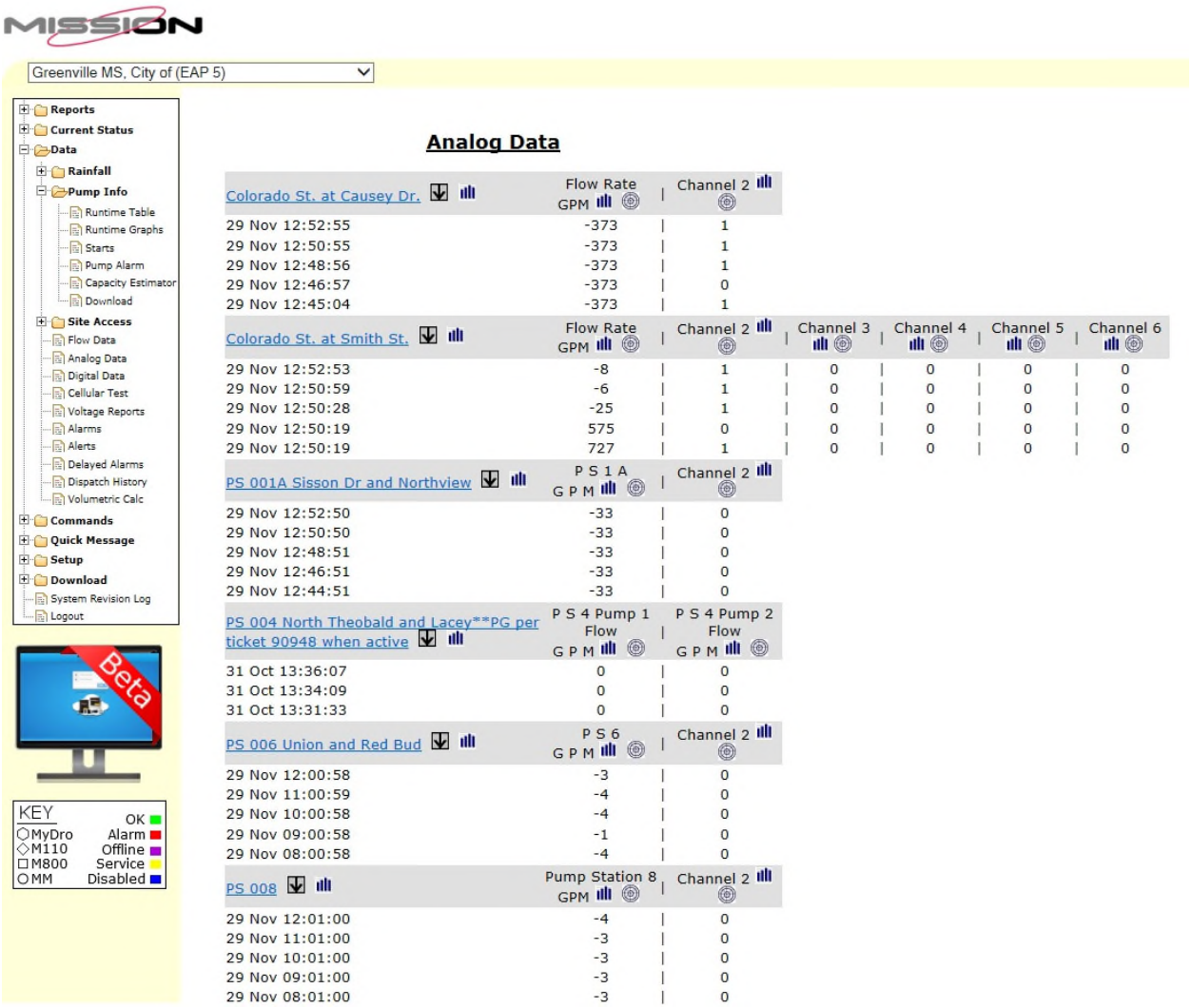
Site	Location
Colorado St. at Causey Dr.	Colorado St. at Causey Dr.
Colorado St. at Smith St.	Colorado St.
PS 001A Sisson Dr and Northview	Sisson Drive and Northview
PS 004 North Theobald and Lacey**PG per ticket 90948 when active	Theobald and Lacey
PS 006 Union and Red Bud	Union and Red Bud
PS 008	MLK and Alabama Drive
PS 009	MLK & Union
PS 011 Wortham Dr and Kirk Circle	Wortham Dr. and Kirk Circle
PS 013	Hernando & Elm St
PS 014 S Broadway	S Broadway and Clay
PS 015	Hwy 82 & Byrd St
PS 019	Thornton & Pickett St
PS 019E 2nd and Echo	Second and Echo
PS 022 Tennessee and Old Leland**PG per ticket 90944 when active.	Tennessee St.
PS 023 Alexander and Raceway	Alexander and Raceway
PS 024	East Alexander And Henry
PS 025 Anita Joyce**PG Per Ticket 90944 when Active	Anita Joyce
PS 026 Obannon School**PG per ticket 90948 when Active	Reed and Raceway
PS 027	S Beauchamp & Naples St
PS 030 Garden and Reed**PG per ticket 90944 when active	Garden and Reed
PS 031	S Colorado & Reed Rd
PS 032	Barbara St & Marilyn Ave
PS 035	Sudan Drive and Bowman Boulevard
PS 036 S Bowman Blvd & Canal Ave	Bowman Blvd and Canal Ave
PS 037 Canal Ave & Iris Street	Canal Ave. & Iris St.

FLOW DATA



RAINFALL CALENDAR





Analog Data

Colorado St. at Causey Dr.	Flow Rate GPM	Channel 2
29 Nov 12:52:55	-373	1
29 Nov 12:50:55	-373	1
29 Nov 12:48:56	-373	1
29 Nov 12:46:57	-373	0
29 Nov 12:45:04	-373	1

Colorado St. at Smith St.	Flow Rate GPM	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6
29 Nov 12:52:53	-8	1	0	0	0	0
29 Nov 12:50:59	-6	1	0	0	0	0
29 Nov 12:50:28	-25	1	0	0	0	0
29 Nov 12:50:19	575	0	0	0	0	0
29 Nov 12:50:19	727	1	0	0	0	0

PS 001A Sisson Dr and Northview	P S 1 A G P M	Channel 2
29 Nov 12:52:50	-33	0
29 Nov 12:50:50	-33	0
29 Nov 12:48:51	-33	0
29 Nov 12:46:51	-33	0
29 Nov 12:44:51	-33	0

PS 004 North Theobald and Lacey**PG per ticket 90948 when active	P S 4 Pump 1 Flow G P M	P S 4 Pump 2 Flow G P M
31 Oct 13:36:07	0	0
31 Oct 13:34:09	0	0
31 Oct 13:31:33	0	0

PS 006 Union and Red Bud	P S 6 G P M	Channel 2
29 Nov 12:00:58	-3	0
29 Nov 11:00:59	-4	0
29 Nov 10:00:58	-4	0
29 Nov 09:00:58	-1	0
29 Nov 08:00:58	-4	0

PS 008	Pump Station 8 GPM	Channel 2
29 Nov 12:01:00	-4	0
29 Nov 11:01:00	-3	0
29 Nov 10:01:00	-3	0
29 Nov 09:01:00	-3	0
29 Nov 08:01:00	-3	0

APPENDIX C

SCADA PUMP STATIONS

PS No.	Location			CONDITIONS MONITORED						
		Number of Pumps	Number of Flow Meters	High Level Alarm WW	High Level Alarm DW	Rainfall	Power Status	Generator Status	Wet Well Level	Control System
1	Broadway North/Sisson	2	1	y	y		y			
1A	Sisson Dr./Northview	2	1	y	y		y			
2	North Broadway/Sampson Rd.	2	1	y	y		y			
4	Theobald/Lacey St.	2	2	y	y		y			
5	Hancock/North Theobald St.	3	1	y	y	y	y	y	y	y
6	Union St/Redbud St.	1	1	y	y		y			
7	West Percy/South Shelby	2	2	y	y		y			
8	North MLK Blvd./Grenada Dairies	1	1	y	y		y			
9	North MLK Blvd./Union St.	2	2	y	y		y			
10	Carrie Stern	2	2	y	y		y			
11	North Kirk Cir./Wortham	2	1	y	y		y			
12	South Eureka/Robertshaw	2	1	y	y		y			
13	Elm/Hernando	1	1	y	y		y			
14	South Broadway/Clay St.	2	1	y	y		y			
15	Hwy 82 West/Quaker Oats	1	1	y			y			
16	Phelps/Delesseps	2	2	y	y		y			
17	South Theobald	3		y	y	y	y	y	y	y
19	Pickett/Thornton St.	2	1	y	y		y			
20	Legion Dr./Wasson St	2	2	y	y		y			
22	Tennessee St./Main Canal	2	1	y	y		y			
23	East Alexander/Raceway Rd.	2	1	y	y		y			
24	East Alexander/Henry Dr.	2	2	y	y		y			
25	Anita Joyce Ln.	2	1	y			y			
26	O'Bannon School	2	1	y	y		y			
27	South Beauchamp/Naples	2	1	y	y		y			
28	Smith St.	2	2	y	y		y			
29	Causey/South Colorado	2	1	y	y		y			
30	Garden/Reed Rd.	2	1	y	y		y			
31	Cottonwood Apartments	2	1	y	y		y			
32	Marilyn/Barbara St.	2	2	y	y		y			
				CONDITIONS MONITORED						

PS No.	Location	Number of Pumps	Number of Flow Meters	High Level Alarm		Rainfall	Power Status	Generator Status	Wet Well Level	Control System
				WW	DW					
34	Mary/Reed	3	1	y	y	y	y	y	y	y
35	Sudan/Wintergreen	2	1	y	y		y			
36	Canal St./Bowman Blvd.	2	2	y	y		y			
37	Canal St./Iris	2	2	y	y		y			
38	St. Anthony/Canal St.	2	2	y	y		y			
39	Gamwyn Dr./Causey	1	1	y	y		y			
40	Daniel/Reed	3		y	y	y	y	y	y	y
41	WildWood Dr.	2	1	y	y		y			
42	Idlewood Dr./McClain	2	1	y	y		y			
44	Countrywood Subdivision	2	1	y	y		y			
45	Champion Dr.	2	2	y	y		y			
46	Essex Place/Oxford Dr.	2	1	y			y			
47	Glendale Rd.	2	1	y			y			
48	Rayner Rd./Bobolink Pl.	2	1	y	y		y			
49	Anne Stokes Dr.	2	1	y	y		y			
51	North Beauchamp Ext./Thornton St.	3	1	y	y		y		y	
52	Fairgrounds Rd.	2	2	y	y		y			
53	Tennessee Gas Rd.	2	1	y	y	y	y	y	y	
54	Moore/4th St.	2	2	y	y		y			
55	1896 Water Plant	2	1	y	y		y			
57	Nottingham Apartments	2	1	y			y			
66	8th St./Railroad Ave.	2	1	y			y			
67	Vessels of Mercy	1	1	y	y		y			
68	Wal-Mart Shopping Center	2	1	y			y			
70	River Club	2	1	y	y		y			
71	Wildwood Dr.	2	1	y	y		y			
76	East Park Addition (Behind Fred's Superdollar Store)	2	1	y	y		y			
79	North Medical Park Dr.	2	1	y	y		y			
84	Peripheral System Influent Station at the WWTP	2	3	y	y	y	y		y	y
89	Cypress Ridge	2	1	y			y			
				CONDITIONS MONITORED						
									Wet	

PS No.	Location	Number of Pumps	Number of Flow Meters	High Level Alarm		Rainfall	Power Status	Generator Status	Well Level	Control System
				WW	DW					
91E	102nd St./Echo St.	2	1	y	y		y			
91F	5th St./Debbie St.	2	1	y			y			
92	Ferguson St.	2	1	y			y			
93	Shady Acres Trailer Park	2	1	y			y			
94	George Lewis Estates Apartments	2	1	y			y			
95	Princeton Subdivision	2	1	y			y			
96	Robinson Lane	1	1	y			y			
98	Oak Dr./Lillie Lane	2	2	y			y			
99	Hwy 82 /Industrial Fill Rd.	2	1	y			y			
100	Cloverdale	2	1	y	y		y			
101	Industrial Fill	2	1	y	y		y			
102	Tampa Dr.	1	1	y			y			
103	Guerdon Rd.	2	1	y			y			
104	Greenpoint Industrial Park LS#3/Highland Plantation	2	1	y			y			
106	Producers Rice	2	1	y			y			
110	Karen Dr.	1	1	y	y		y			
111	West Bayou Rd. (Frank Self's House)	2	1	y			y			
112	North Bayou Rd.	2	2	y			y			

APPENDIX D

PUMP STATION INSPECTION AND SERVICE SCHEDULE

PUMP STATION INSPECTION AND SERVICE SCHEDULE

Daily
Record pump run hours
Record pump starts
Listen for pump proper operation
Ensure all breakers, switches, valves and controls are in the correct position
Check SCADA/alarm components
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction

Weekly
Tidy exterior grounds (weeds, grass, shrubs, etc.)
Tidy interior of station (floor, equipment, trash, etc.)
Inspect equipment in station (leaky valves, plugged or damaged pump drain lines, leaky packing)
Inspect electrical components
Check controls when units run for alternation and standby operation
Check pumps and motors for excessive heat, vibration or noise
Assure that vent lines are clear
Check for proper function of check valves
Record system pressure
Check ventilation system
Inspect sump pump
Check pumping points (e.g., floats)
Reset pumping points, as necessary, to improve system performance
Check wet well for FOG and debris accumulation
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction

Monthly
Inspect generator fluid levels and fuel
Exercise generator under load
Check piping and fittings for leaks or deterioration
Check all hold-down bolts for tightness (check alignment of equipment if loose bolts are found)
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction

Quarterly
Record station voltage
Exercise circuit breakers
Exercise gate and ball valves
Take motor voltage and ampere readings while units are running
Record line voltage on each leg
Inspect floats
Check control panel for loose electrical connections

Check vacuum or air release valve for proper operation
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction

Semi-annually
Check wet well for grease and debris accumulation
Exercise check valves
Inspect and grease electrical contacts
Inspect electrical pump cables
Inspect electrical breakers
Inspect generator oil level, water level and fuel level
Inspect generator hoses and belts
Check generator piping for leaks
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction
Check for corrosion problems

Annually
Inspect/clean/repair magnetic starters
Inspect pumps (oil levels, seals, packing, bearings, etc.)
Inspect pump impellers and clearances
Inspect discharge piping
Service and calibrate gauges, flow meters, liquid level sensors, alarms, elapsed time meters and remote monitoring equipment
Perform a pump draw down at the pump stations without flow meters. Calculate the flow based on the gallons pumped during the draw down time.
Report any repair work needed to supervisor
Make corrective actions if immediate response necessary to avoid pump station malfunction

APPENDIX E

PUMP STATION INSPECTION FORMS

DAILY PUMP STATION INSPECTION LOG

Pump Station #

	PUMP RUN TIME			PUMP STARTS			PROPER ALARM FUNCTION? (Y/N)	Operator's Initials
DATE	PUMP 1	PUMP 2	PUMP 3	PUMP 1	PUMP 2	PUMP 3		

DAILY PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- ☐ Record pump run hours on daily log
- ☐ Record pump starts on daily log
- ☐ Normal pump noises? If not, explain _____
- ☐ All breakers, switches, valves and controls in correct position?
- ☐ Check SCADA/alarm components

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

WEEKLY PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- ☐ Tidy exterior grounds (weeds, grass, shrubs, etc.)
- ☐ Tidy interior of station (floor, equipment, trash, etc.)
- ☐ Record hour meter and pump start meter readings on daily log
- ☐ Record system pressure _____
- ☐ Inspect equipment in station. Make notes on any equipment not functioning properly.

Y	N	NA	
☐	☐	☐	Station secure?
☐	☐	☐	Breaker box on?
☐	☐	☐	Tripped breakers?
☐	☐	☐	Lights on?
☐	☐	☐	Blower on?
☐	☐	☐	Water in dry well?
☐	☐	☐	Leaky valves?
☐	☐	☐	Plugged/damaged pump drain lines?
☐	☐	☐	Leaky packing?
☐	☐	☐	Excessive heat?
☐	☐	☐	Vibrations/noises?
☐	☐	☐	Vent lines clear?
☐	☐	☐	Check valves functioning properly?
☐	☐	☐	Bubbler system lines clear?
☐	☐	☐	Tubing in good condition?
☐	☐	☐	Ventilation system functioning properly?
☐	☐	☐	Sump pump in good condition?
☐	☐	☐	Air compressor functioning properly?
☐	☐	☐	Zone sensors functioning properly?
☐	☐	☐	Floats operating properly?
☐	☐	☐	Solids/grease build-up in the wet well?

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

MONTHLY PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- [ ] Tidy exterior grounds (weeds, grass, shrubs, etc.)
- [ ] Tidy interior of station (floor, equipment, trash, etc.)
- [ ] Record hour meter and pump start meter readings on daily log
- [ ] Record station voltage _____
- [ ] Inspect generator fluid levels
- [ ] Exercise generator under load
- [ ] Service air compressor
  - [ ] check air delivery rate
  - [ ] check on/off settings
  - [ ] check oil level
  - [ ] check belts
- [ ] Check piping and fittings for leaks or deterioration
- [ ] Exercise circuit breakers
- [ ] Check hold-down bolts for tightness
- [ ] Check alignment of equipment if loose bolts are found
- [ ] Confirm pump vent lines are clear

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

QUARTERLY PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- ☐ Tidy exterior grounds (weeds, grass, shrubs, etc.)
- ☐ Tidy interior of station (floor, equipment, trash, etc.)
- ☐ Record hour meter and pump start meter readings on daily log
- ☐ Exercise gate and ball valves
- ☐ Inspect/clean/repair magnetic starters
- ☐ Line voltage on each leg _____
- ☐ Current draw on each leg _____
- ☐ Resistance of windings on each leg _____
- ☐ Inspect floats
- ☐ Inspect pumps
  - ☐ Oil level
  - ☐ Seals
  - ☐ Packing
  - ☐ Bearings
  - ☐ Impellers/clearances
- ☐ Check control panel for loose electrical connections
- ☐ Check aeration vaults
- ☐ Check vacuum or air release valves for proper orientation

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

SEMI-ANNUAL PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- ☐ Tidy exterior grounds (weeds, grass, shrubs, etc.)
- ☐ Tidy interior of station (floor, equipment, trash, etc.)
- ☐ Record hour meter and pump start meter readings on daily log
- ☐ Check wet well for grease and debris accumulation
- ☐ Replace hydraulic fluids and oils
- ☐ Inspect discharge piping _____
- ☐ Check for corrosion problems _____
- ☐ Exercise check valves _____
- ☐ Inspect and grease electrical contacts
- ☐ Inspect electrical pump cables
- ☐ Inspect electrical breakers
- ☐ Inspect generator oil level, water level and fuel level
- ☐ Inspect generator hoses and belts
- ☐ Check generator piping for leaks

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

ANNUAL PUMP STATION INSPECTION REPORT

DATE _____

PUMP STATION: _____

STAFF: _____

- [ ] Tidy exterior grounds (weeds, grass, shrubs, etc.)
- [ ] Tidy interior of station (floor, equipment, trash, etc.)
- [ ] Record hour meter and pump start meter readings on daily log
- [ ] Service and calibrate gauges
- [ ] Service and calibrate flow meters
- [ ] Service and calibrate liquid level sensors
- [ ] Service and calibrate alarms
- [ ] Service and calibrate elapsed time meters
- [ ] Service and calibrate SCADA equipment
- [ ] Perform pump draw down on pump stations not equipped with flow meters
- [ ] Calculate flow based on gallons pumped during the draw down time

Note repairs made _____

_____

Note any further repair work needed _____

_____

STAFF INITIALS: _____

APPENDIX F

PUMP STATION EMERGENCY RESPONSE PROCEDURES

Pump Station Alarms

Response Initiation

Send an individual to the station indicating an alarm as soon as possible. Responders should bring a detailed station-specific trouble-shooting guide with them for the pump station. If serious trouble is found, call for additional assistance and keep an individual at the station until further instructions are received.

Personnel called in to investigate pump station alarms shall respond to the station even if the alarm has cleared prior to their arrival. All alarm conditions are to be checked and logged. Use the following guidelines and follow confined space entry procedures.

Wet well/Dry well Station Response Activities

Observe all safety precautions per training.

Check the atmosphere within the dry well with a gas meter prior to entering.

Upon entering, identify the storage capacity in the wet well. This will give some indication of the time available for response.

If flooded, skip to pump-out steps (Page F-4) under “Pump Station Failure Inside Valve Pits, Pump or Valve Failure”.

Take your time entering the dry well. Never enter a flooded dry well.

Note any unusual odors (burning electrical equipment/paint, solvents/fuel, etc.).

Listen and note any unusual noises.

Check for heat around pump motors and pump bearing housings. Note anything that seems unusually hot.

Observe every piece of equipment in the station. Note anything that looks out of place.

Record all gauge readings including wet well hour meters, flow charges, on/off levels, pressure gauges on pumps, rpm and anything else deemed significant.

Using available information and the trouble-shooting guide, systematically run through the system. Use a process of elimination to identify the cause of the failure. Check the level controls, pump operation using manual position, and check the pump outlet by pressing on the check valve counterweight as defined in the trouble-shooting guide. Once the cause is isolated, engage mechanical or electrical disciplines for repairs.

Emergency personnel should be absolutely certain that the cause of the pump station alarm or failure has been properly identified and corrected prior to leaving the station.

Reset any/all alarm feature indicator lights.

Submersible Type Station Response Activities

Take all safety precautions per training.

Check the atmosphere within the wet well with a gas meter prior to working over the station.

Note any unusual odors (burning electrical wires, hot or smoking oil or paint).

Listen for any unusual noises and note if pumps are operating.

Observe every piece of equipment in the station. Specific attention should be given to level controls. Note anything that looks out of place.

Record all gauge readings from the control panel wet well level, hour meters, flow charts, on-off levels, pressure gauges on pumps rpm and anything else deemed significant.

Using available information and the trouble-shooting guide, systematically run through the system. Use a process of elimination to isolate the cause of the failure. Check level controls, pump operation using the manual position and pump output by observing the check valve counterweight as defined in the guide. Once the cause is isolated, engage mechanical and electrical disciplines for repairs.

Emergency personnel should be absolutely certain that the cause of the pump station alarm or failure has been properly identified and corrected prior to leaving the station.

Reset any/all alarm feature indicator lights.

Pumps may be checked for operation by checking the arm of the check valve in the discharge line of an operating pump. If it feels “spongy” or soft when pressed downward, the pumps are pumping. If a breaker is off and the pump motor is hot to the touch, do not attempt to reset and start. If a pump motor is simply warm, one attempt to restart can be made. If the pump has lost prime or is plugged, the check valve will not open.

Post Response Activities

Complete a Pump Station Emergency Response Report (Appendix H).

If there has been an overflow at any pump station, prepare a Wastewater Bypass Report which can be found in Appendix J the SORP. Notify MDEQ within the required 24 hours, followed by the Final Report within five days.

Pump Station Failure Due to Standby Generator Failure During Power Outage

Response Initiation

Dispatch crews to the pump station immediately. The crew needs to bring the auxiliary generator for that specific station as a backup. If the dedicated generator can't be repaired in a timely manner, the auxiliary generator will be installed.

Response Activities

Upon entry, identify the storage capacity in the well. This will give some indication of the time available for response. If flooded, skip to pump out steps (Page F-4).

Crew may request the assistance of the Electric Utility in restoring power to the station.

As they approach the station, the crew should check the overhead power lines for fuses that might be blown or downed power lines. If the crew notices a blown fuse or downed power lines, identify the location and pole number and notify the Electric Utility.

Lock out and tag out (LOTO) the mainline.

Check all components of the dedicated generator to determine failure. Use the manufacturer's prepared troubleshooting guide to aid in the diagnosis. If it cannot be repaired immediately, connect the portable generator to the pump station electric panel. Engage electrical disciplines as needed.

Follow manufacturer's recommendation for starting the generator.

Obtain the service of a qualified generator repair company to address the repairs to the dedicated generator. Once the dedicated generator is repaired, place back into service and return auxiliary generator to storage. Operate the dedicated generator through several cycles to ensure reliability.

Post Response Activities

Complete a Pump Station Emergency Response Report (Appendix H).

If there has been an overflow at any pump station, prepare a Wastewater Bypass Report which can be found in Appendix J the SORP. Notify MDEQ within the required 24 hours, followed by the Final Report within five days.

Pump Station Failure Inside Valve Pit, Pump or Valve

Response Initiation

Dispatch crew to the pump station immediately.

Response Activities

Prior to viewing the wet well, measure the atmospheric conditions for sufficient oxygen and the presence of explosive or toxic gases.

Upon arrival, the crew should determine the storage capacity of the wet well. This will give some indication of the time for response. If flooded, skip to pump-out steps below.

Inspect the main controls looking for failure indicators. Check processors to determine failure. If pump failure is determined, skip to wet well inspection steps (Page F-1).

Inspect the valve pit. Observe all valves and force mains. If flooded, skip to pump out steps below.

Constantly monitor the atmospheric conditions while working in or above the wet well. Inspect the wet well, checking the floats or level system, bar rack and pump volute area for clogging or other problems.

Pump-Out Steps

If pump failure, determine if pump out is necessary. If so, skip to repair procedures.

Pump the flow with portable pumps. If necessary, call additional crews to bring appropriate portable pumps, suction and discharge hose to the station. Connect the portable pump, placing the suction hose in the wet well and the discharge hose to a downstream manhole or pre-determined connection point. Start the portable pump and begin pumping.

Repair Steps

Lock out and tag out (LOTO) the mainline.

Monitor the atmospheric conditions for sufficient oxygen and the presence of explosive or toxic gases. If safe, enter valve pit or wet well and inspect the piping and valves for cause of failure.

Complete repairs to the pipe, pump or valve. If permanent materials are not available, install temporary repairs until the permanent repairs are complete.

Restore facilities to normal and inspect other components of the force main and pumping system for signs of similar failure.

Shut down portable pumping operations. Do not disconnect hoses until repair is checked for leaks. Operate pump to check repair under pressure and normal operating conditions.

If no leak is observed, return pumps to normal operations by removing LOTO. Monitor pumps for leaks.

Post Response Activities

Complete a Pump Station Emergency Response Report (Appendix H).

If there has been an overflow at any pump station, prepare a Wastewater Bypass Report which can be found in Appendix J the SORP. Notify MDEQ within the required 24 hours, followed by the Final Report within five days.

Tornadoes

Preparing for a storm

Monitor the weather regularly through local news channels and NOAA Weather Radio with a warning alarm tone and battery backup.

Have on hand cell phones and two-way radios. Be prepared for long-term communication problems.

Secure all loose equipment.

Make sure there is adequate fuel for all emergency generating and pumping equipment. Be prepared for long-term power outages.

Maintain detailed records and take photographs to obtain insurance company and FEMA reimbursement. Previous disasters show that this process can take as many as five to six years to complete.

Travel after the storm can be difficult due to downed power lines. Scattered debris on the roadways can be very problematic. Heavy equipment may be required to clear roads.

After the storm

Thoroughly inspect pump stations.

Be aware of downed power lines.

Flooding

Flood Preparations

Monitor the weather regularly through local news channels and the National Weather Service at www.nws.noaa.gov

Purchase a NOAA Weather Radio with a warning alarm tone and battery backup.

Procure, or have on hand, portable pumps and generators.

Disconnect the power to flooded buildings to avoid the possibility of electrocution. If possible, cut off power before flooding begins.

Permanent flood proofing measures that can be taken are:

- building watertight walls or barriers around equipment, work areas, doorways, windows, ventilation shafts or other openings that are subject to flooding;
- moving electrical equipment above the anticipated water level in flood prone areas of the pump station; and
- sealing walls to prevent or reduce seepage.

After a flooding event

Make a thorough inspection of the pump stations. Watch out for potential electrocution and slip and fall hazards.

Inspect for settling and/or erosion to building foundations, roadways, culverts and other structures.

Wells may get inundated with grit and sludge, requiring extra handling and sludge dewatering, and inspection to assess damage to equipment.

Be aware of chemical and biological contamination in flooded areas.

Equipment motors will need to be dried out and pump bearings may need to be purged to eliminate moisture.

Check electronic equipment for damage.

Earthquakes

During an earthquake

Find a safe spot away from buildings, trees, streetlights and power lines.

If in a vehicle, pull over to a clear location and stop with your seatbelt fastened until the shaking stops.

After an earthquake

Inspect pump stations for damage.

Check for gas leaks and inspect the electrical system.

Expect aftershocks and possibly more damage.

Monitor the situation using radio or television.

APPENDIX G

BYPASS PUMPING PROCEDURE

BYPASS PUMPING PROCEDURE

1. Secure work site by placing traffic control signs and safety devices at the work site.

   - Follow Traffic Safety Procedures.
   - Don safety vests, hardhats, safety glasses, etc.
   - Isolate one or more lanes of traffic with flags, cones, traffic control signs, etc. where work in or immediately adjacent to roads exposes a crew member to traffic injuries.
   - Look for overhead power lines that may hit the truck or equipment. If lines are above the work area, contact ELECTRIC COMPANY (Entergy 800/766-1648 or Twin County EPA 866/897-7250) to de-energize or shield the lines. Equipment must be kept at least 10 feet from the overhead lines.

2. Determine the location of the manhole.

   - Locate manhole location on city map and identify manhole number.
   - If manhole is not visible, use metal detection or other equipment to locate it.
   - Check sewer main by removing manhole lids in the vicinity of homes/businesses until a free flowing manhole is found.
   - Lift the manhole cover using a manhole hook. Drag the cover with the hook, avoid bending over and using hand whenever possible.
   - For heavier manholes, use a truck-mounted winch.
   - Follow Confined Space Procedures.
   - Follow Personal Protection Equipment (PPE) Program.
   - DO NOT place your face near the manhole opening. Let the manhole “breathe” for 10 minutes before looking in.
   - DO NOT smoke near manholes regardless of whether the cover is on or off.
   - DO not stand on the removed manhole cover.
   - Use impervious gloves when working with an open manhole.
   - Use disposable Tyvek coveralls to keep sewage off of your clothing.

3. Prepare the pumping equipment for the bypass operation.

   - Place the pumping equipment where the hoses are within reach of the manhole upstream of the stoppage and capable of pumping to the next free-flowing point in the line.

4. Attach suction hose and discharge hose to pumping equipment.

   - Two employees are needed to position hoses.
   - Determine the length of suction hose needed by measuring depth from pump suction inlet to bottom of manhole.
   - Determine length of discharge pipe needed by measuring distance from upstream manhole to downstream manhole.

5. Insert free end of hoses into appropriate manholes.

   - Insert suction hose into manhole upstream of stoppage.

- Insert discharge hose into manhole downstream of stoppage where free-flow of sanitary sewer is restored.
- Depending on the nature of the stoppage and repairs needed, a plug may be required to completely isolate the blocked area so that appropriate remedial action can occur.

6. Check location of hoses in between manholes.

- If hoses need to be below street/ground level, trenches may be made using a jackhammer or cement saw. Take the following precautions:
    - Check underground utilities prior to starting work.
    - Ensure that hose fittings are not inline with driveways.
    - If necessary, protect hoses by building protective covers over hoses or saw cutting ditches in the street in which to put hoses.

7. Start the pumping equipment.

- Routinely monitor pumping equipment during entire bypass pumping process.
- Continue bypass pumping process until necessary repairs are made to the sewer line.

8. Break down work site and report the work completed.

- Replace manhole covers by dragging with a hook if possible.
- When manhole cover is in place, remove Tyvek coveralls and place in a garbage bag for disposal.
- Remove disposable respirator and place in a plastic bag for reuse (REFER TO PPE PROGRAM)
- Clean up work site, disinfect, and sanitize.

APPENDIX H

PUMP STATION EMERGENCY RESPONSE REPORT

Pump Station Emergency Response Report

Pump Station Name: _____

Location: _____

Date of Alarm Call: _____ Time of Alarm Call: _____

Date of Response: _____ Time of Response: _____

Name of Personnel Responding:

1 _____ 5 _____

2 _____ 6 _____

3 _____ 7 _____

4 _____ 8 _____

Type of Issue:

1 General Alarm
2 Pump station failure caused by force main break inside drywell, pump or valve failure (WW/DW type station).
3 Pump station failure caused by force main break inside valve pit, pump or valve failure (Submersible type station).
4 Pump station failure caused by secondary power failure during power outage.
5 Force main break.
6 Air release and/or vacuum relief valve failure.
7 Other.

_____

_____

General Description: _____

_____

_____

Checklist:

Type of alarm: _____

Atmospheric gas meter reading (if applicable): _____

Presence of unusual odors? (If yes, describe) Y / N _____

_____

Gage Readings:

	Wet well	Pump 1	Pump 2	Pump 3	Pump 4
Wet well level					
Hour meter					
Discharge pressure (PSI)					
RPM (if VFDs)					
On-off level setting					
Discharge flow (gpm)					

Check valve operation normal? Yes / No

MCC condition normal? (Describe as applicable) Yes / No _____

Bypass pumping required? Yes / No

Primary power at the station? Yes / No If NO, contact power company to restore

Auxiliary generator on-site and operating? Yes / No

Special clean-up required? (if yes, describe) Yes / No _____

Lock-out / tag-out of lift station required? Yes / No

Cavtor truck required? Yes / No

If overflow, was spill reported to MDEQ? Yes / No

Description of parts used for repair _____

Repair Description: _____

_____

_____

_____

_____

APPENDIX I

EQUIPMENT INVENTORY

Equipment Inventory

Vehicles/ Heavy Equipment

1995 Case 580L Back-hoe
2011 Vactor 2100 Combination Sewer Truck
2 – 1 ton utility trucks with hydraulic crane
2001 Caterpillar 322 Track-hoe
2017 Bobcat Mini-excavator

Communications Equipment

Portable radios
Cell phones
Loud speakers

General Equipment

Traffic Control Equipment (Barrels, Channelizers, Type 3 Barricades, Signs, tripods)
3 – 2" gas powered trash pumps with hoses
2 – 4" gas powered trash pumps with hoses
1 – root cutter attachment
1 – digital sewer lateral camera system
3 – 5,000 watt portable diesel generator, 110/210 volt
1 – 10,000 watt multi-voltage diesel powered generator
Portable lift station aeration system
Gasoline powered cutoff saws
2 – 4" diesel powered, vacuum assisted trailer mounted bypass pumps
2 – 6" diesel powered, vacuum assisted trailer mounted bypass pumps
1 – 12" diesel powered, vacuum assisted trailer mounted bypass pump
600 linear feet of 4" Bauer pipe
600 linear feet of 6" Bauer pipe
600 linear feet of 12" Bauer pipe
60 linear feet of 4" Bauer Rubber Suction Pipe
60 linear feet of 6" Bauer Rubber Suction Pipe
60 linear feet of 12" Bauer Rubber Suction Pipe
60 linear feet of 4" Bauer Rubber Suction Pipe
4” C-900 pvc pipe
6” C-900 pvc pipe
8” C-900 pvc pipe
Size 1 starter
Size 2 starter
Size 5 starter

Personal Protective Equipment

SCBA
Tripod
Winch
Respirators
Hardhats
Goggles and facemasks
First aid kits
Fire extinguishers
Multi-gas Meters for confined space
Tripod & harness for manhole entry
Electric manhole and lift station ventilation equipment

Bulk Supplies

Gloves
Sand and sand bags
Absorbent pads and booms
Absorbent chemicals
Batteries
Fuel
HTH Chlorine
Hydrated Lime

WWTP Supplies

UV Lamps and Fittings

Miscellaneous Supplies

Fernco Fittings (4” to 15”)
PVC Pipe (4” to 16”) (40’ of each)
Repair Fittings (3/4” to 16”)
Relays
Fuses
Floats

Southern Pipe Company

4” flanged gate valve
6” flanged gate valve
8” flanged gate valve
10” flanged gate valve
12” flanged gate valve
4” MJ gate valve
6” MJ gate valve
8” MJ gate valve
4” C-900 pvc pipe
6” C-900 pvc pipe
8” C-900 pvc pipe
12” C-900 pvc pipe
14” C-900 pvc pipe
16” C-900 pvc pipe
4” MJ couplings
6” MJ couplings
8” MJ couplings
12” MJ couplings
14” MJ couplings
16” MJ couplings

Taylor Rental

Emergency diesel powered light towers

APPENDIX J

WORK ORDER

Microsoft Access - [ ]

Data Log

Print
Preview
Pri

Date Entered 10/9/2017 Index 43142
First Name
Last Name
Address
Home Phone
Email Address
Event Name
Location
Select Description
Customer Description
Department
Assigned To
Select Description
Work Description
Date Delivered
Received By John Goodwin
Closed