

LIFT STATION RESPONSE PLAN

Lift Station Response Plan

Introduction

The City of Corpus Christi (City) recognizes the importance of regular and proper operation of its wastewater lift stations to properly convey wastewater for the protection of the environment and to safeguard public health and safety. Failure of a lift station may result in customer service being disrupted and/or a Sanitary Sewer Overflow (SSO) if it takes an extended period of time to return the lift station to service. Failure may result from a variety of causes including, but not limited to, a power outage, mechanical failure, lift station control failure, pump blockage, vandalism, and severe storm damage. For these reasons, the City has developed a Lift Station Response Plan (LSRP, at times may be referred to as Lift Station Outage Response Plan or LSORP) to document lift station monitoring and response procedures to address such events and to minimize the impact on customers and the environment.

This LSRP provides a summary of the staffing and equipment available to continue the proper operation and maintenance of the City's lift stations. Additionally, it includes the specific details of the activities and procedures that personnel follow during an event that does not fall within the normal operation and maintenance of a lift station.

Responsibilities

The Wastewater Facility Manager oversees the dedicated crews responsible for operation and maintenance of the lift stations, including the response to failures. City crews routinely visit each lift station, many on a daily basis and others several times per week. The City's team of electricians and mechanical repair staff are responsible for troubleshooting any identified failure and performing the remedial measures necessary to resolve the failure event. Additional staff is engaged on an as-needed basis.

Alarms and Response Procedures

For every lift station, the City monitors the following four (4) basic events (via a City-wide wireless SCADA System):

- Main Power Failure
- Control Power Failure
- High Water Level in Wet well
- Water detected in Drywell (where applicable)

When any of these events are detected, a signal is transmitted to the City's Water Utilities Department SCADA Control Center, located at the O.N. Steven Water Treatment Plant (ONSWTP). The SCADA HMI (Human-Machine Interface) automatically sends alarm notices to maintenance personnel via cell phone texting and email. The HMI screen is checked periodically during the normal business day to insure proper operation. During non-business hours which includes evenings, weekends, and holidays, designated on-call staff receive cell phone texts and emails to indicate which lift station is experiencing which alarm(s).

The on-call electrician will respond to the alarm. The electrician, (first responder) proceeds to the lift station to confirm the situation and assesses the nature of the failure. If a mechanical crew is required, the on-call mechanical crew will be notified.

The SSO Response Plan details procedures used to address an SSO if it occurs as a result from a lift station failure.

Upon arrival at the lift station the first responder, often the on-call electrician, will initiate troubleshooting procedures (see Attachment A, Standard Operating Procedures for Flow Chart for Power Failure at Lift Stations) to identify the nature of the failure (electrical, mechanical or blockage).

For an observed lift station failure, the first responder will take the following actions as applicable to the situation:

1. If Power is Available:
 - a. Perform a voltage test at the main service panel
 - b. Check electrical panel to ensure main switch is engaged and system is in auto mode of operation
 - c. If system does not operate in automatic mode, then test in manual mode
 - d. Confirm circuit breakers have not tripped
 - e. Confirm pumps are operating
 - f. Check wet well to ensure level is moving
 - g. Observe pump check valve to determine if it is opening normally
 - h. Determine which, if any, pumps are operating
2. If Power is Not Available:
 - a. Review Flow Chart for Power Failure at Lift Stations (See Attachment A)
 - b. If applicable, start backup generator power system per manufacturer's procedures
 - c. Obtain supplemental crews (electrical and mechanical) if needed
 - d. Initiate delivery of appropriate backup portable generator, portable pumps, or vacuum/vactor vehicles based on specific lift station response plan

In the event of a force main leak or failure, the following actions will be taken, as applicable:

1. The leaking force main will be isolated or bypassed.
2. City personnel or outside contractor (depending on the damage, location, depth of pipeline, etc.) will complete repairs to the force main.
3. Containment of any SSO and cleanup will follow the procedures in the SSO Response Plan.

In the event of multiple, simultaneous alarms, the on-call electrician (first responder) will prioritize the lift stations based on estimated time to overflow and dispatch crews accordingly. The on-call electrician may engage his/her supervisor to assist in prioritizing the alarms. If necessary, additional crews will be engaged and dispatched to resolve the issues.

Response Equipment List and Location

Various equipment is available to the Wastewater Maintenance Manager and staff to respond to lift station alarms. The specific equipment to be used to resolve an event will depend on the cause, duration of outage, and existing lift station configuration. Equipment and other options available to respond to lift station outages may include, but are not limited to:

1. On-site backup generators (typical for major lift stations)
2. Portable backup generators for lift stations having electrical connection points to transfer loads
3. Portable engine driven pumps with readily accessible (quick) connection points to force main(s) or header
4. Dual power feeds
5. Vacuum/Vactor vehicles to pump and truck wastewater during outage
6. Engagement of local Equipment Vendors and Service Providers

Equipment is stored at the Water Utilities Building located at 2726 Holly Road. In the event equipment needs to be accessed, a warehouse representative can be reached by calling the on-call number: 361-774-4216. In addition to in-house equipment, Utilities presently has a contract in place for equipment services, including rental, and intends to maintain such a contract in the future.

Equipment Vendors available to the City to provide equipment and support services are included in the following table. This list is updated on a regular basis.

Contractor Name	Equipment/Services Provided
Godwin	Diesel Pumps - Repairs, Rental & Purchase
Odessa Pumps	New Pump Purchase & Drywell Pump Repairs
Smith Pumps	Drywell Pumps - Repair & Purchase
Universal Tool & Die	Various Pump Repairs
Xylem	Submersible Flygt Pumps - Repair & Purchase
C-D Electric	Motors - Repair & Purchase
Massengale Armature	Motors - Repair & Purchase
Holt	Generators - Rental & Purchase
Stewart & Stevenson	Generators - Rental & Purchase
ADK Environmental	Vactor Services - Tank & Pumping
Miller Environmental	Vactor Services - Tank & Pumping
Video Pipeline	Vactor Services - Tank & Pumping

The equipment that City staff will utilize depends on the nature and anticipated duration of the outage and the lift station configuration. The Lift Station Response Plan Maps (see Attachment B) provide necessary information for each lift station to facilitate restoring service. The requisite time for crews to implement alternative flow control measures or restore lift station service before the outage results in an SSO varies from lift station to lift station and is dependent upon one or more factors including, but not limited to, incoming flow volumes, storage volume within the system, upstream diversion(s) and control(s), and flow bypass capabilities. The estimated time needed for City crews to respond before an SSO would occur, *assuming no action is taken to*

bypass or relieve a blockage, is noted on each map of Attachment B (Lift Station Response Plan Maps) and is based on average daily flow. Crews are instructed to monitor the flow at the location where flow is most likely to escape the system. By observing flow elevations at the designated point, response crews can adjust their actions as necessary to prevent an SSO.

Training and Safety

Appropriate staff will participate in regularly scheduled training sessions to assist response crews in awareness of their responsibilities in executing their duties in a safe and effective manner. These training sessions will be organized based on the latest SSORP and LSRP, as well as other pertinent reference materials. Training sessions will also incorporate hands-on field demonstrations to ensure the preparedness of all response personnel. Field demonstrations will be performed to test equipment, response time, training effectiveness, and manpower capabilities.

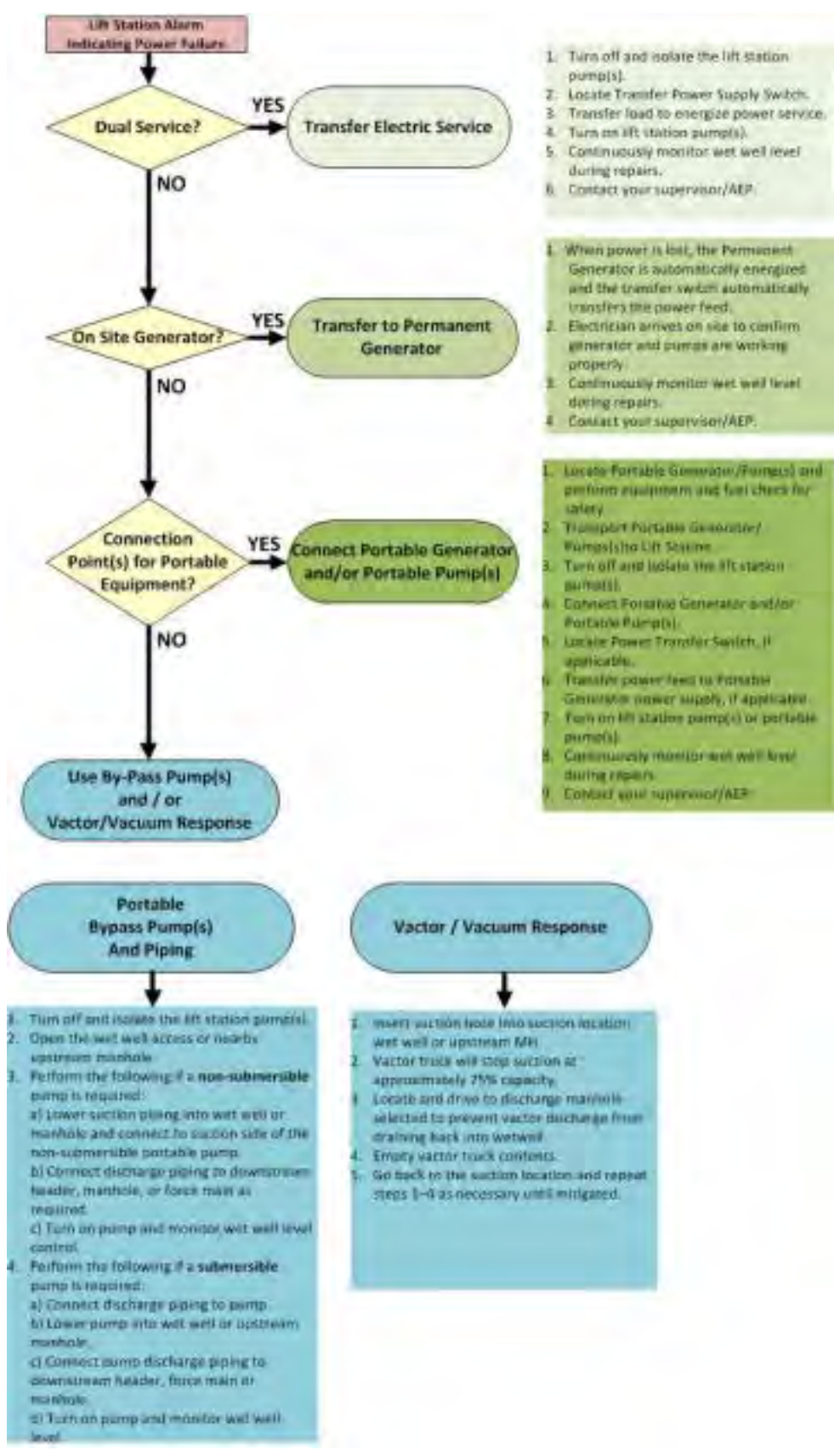
Training and event participation will be documented and maintained by the City. Currently, City staff receives training through various vendors and participate in City-provided lift station and collection system training.

LSRP Availability and Updates

The City will routinely review (in accordance with the CMOM Plan and SSORP biennial review), evaluate and update the effectiveness of this LSRP as appropriate. The LSRP will be amended as necessary to reflect changes in facilities or changes in operations or maintenance procedures that may materially affect the potential for SSOs related to the lift stations. As policies change and response procedures are refined, the LSRP will be reviewed and modified to reflect all necessary changes. The City may also review and recommend modifications as appropriate after any SSO occurrence.

The City will maintain the master copy of this LSRP and amendments and, upon request, be made available to the public for review. Copies will be distributed to appropriate staff, City Departments and regulatory agencies as required. Copies of this document will be kept in response vehicles. A copy of the individual lift station response plan map(s) will be maintained at each lift station where possible.

ATTACHMENT A
STANDARD OPERATING PROCEDURES
FOR
FLOW CHART FOR POWER FAILURE AT LIFT STATIONS



ATTACHMENT B
LIFT STATION RESPONSE PLAN MAPS



LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	35
NUMBER OF PUMPS	10
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

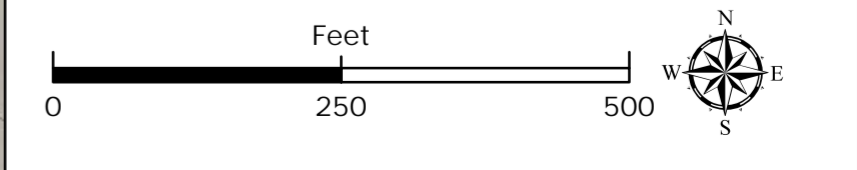
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL32188698 WWMNHL31977067 WWMNHL426749289

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Bypass to headworks from wetwell

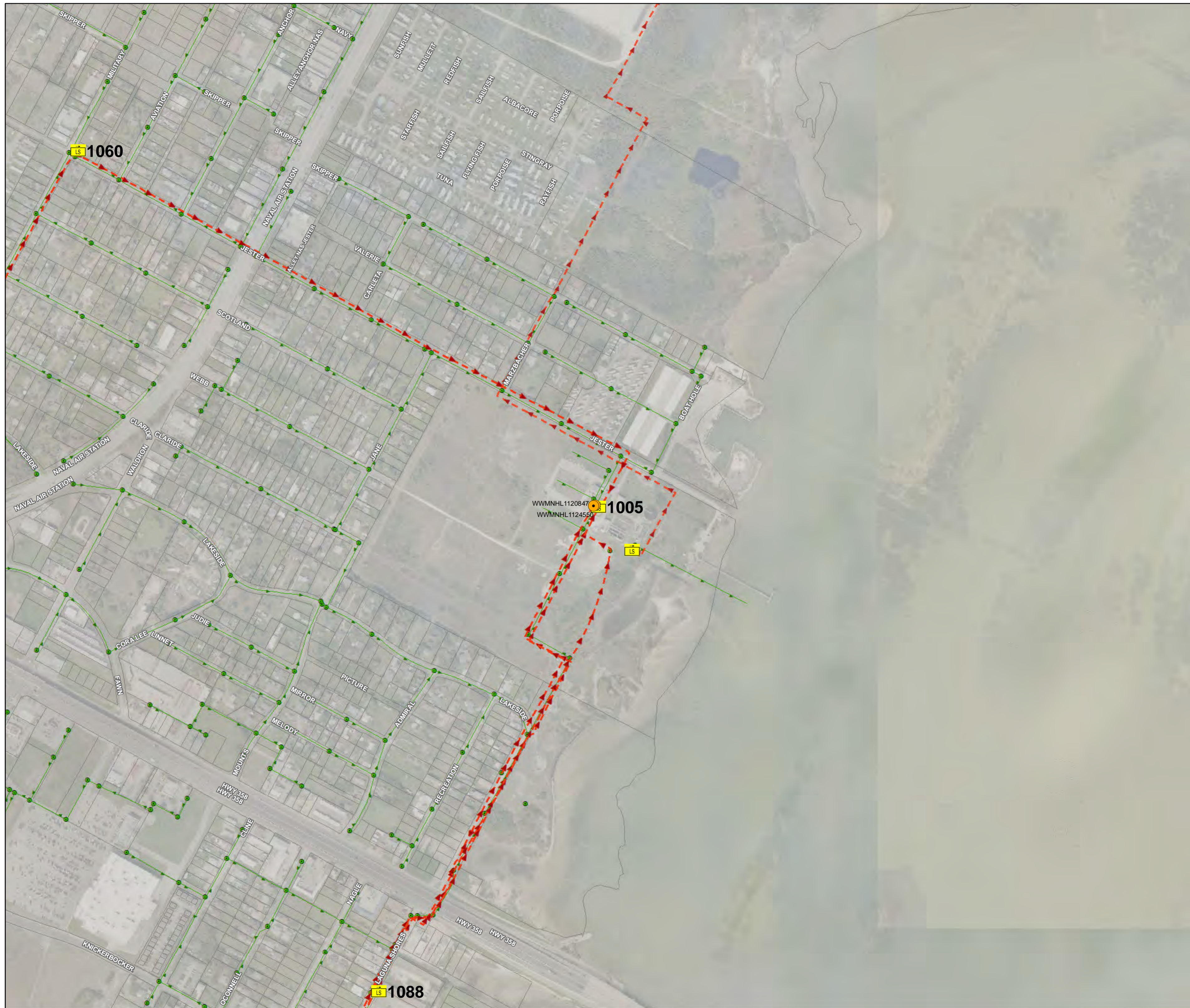


WW-LS1003

LIFT STATION RESPONSE PLAN

LS NAME: Greenwood WWTP LS ID: 1003 LS#: 26





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	20
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1005

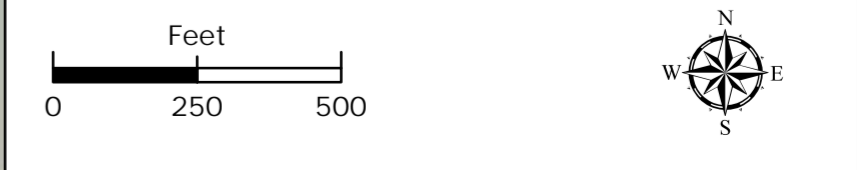
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>8 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120847 WWMNHL1124550

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	Verification needed

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

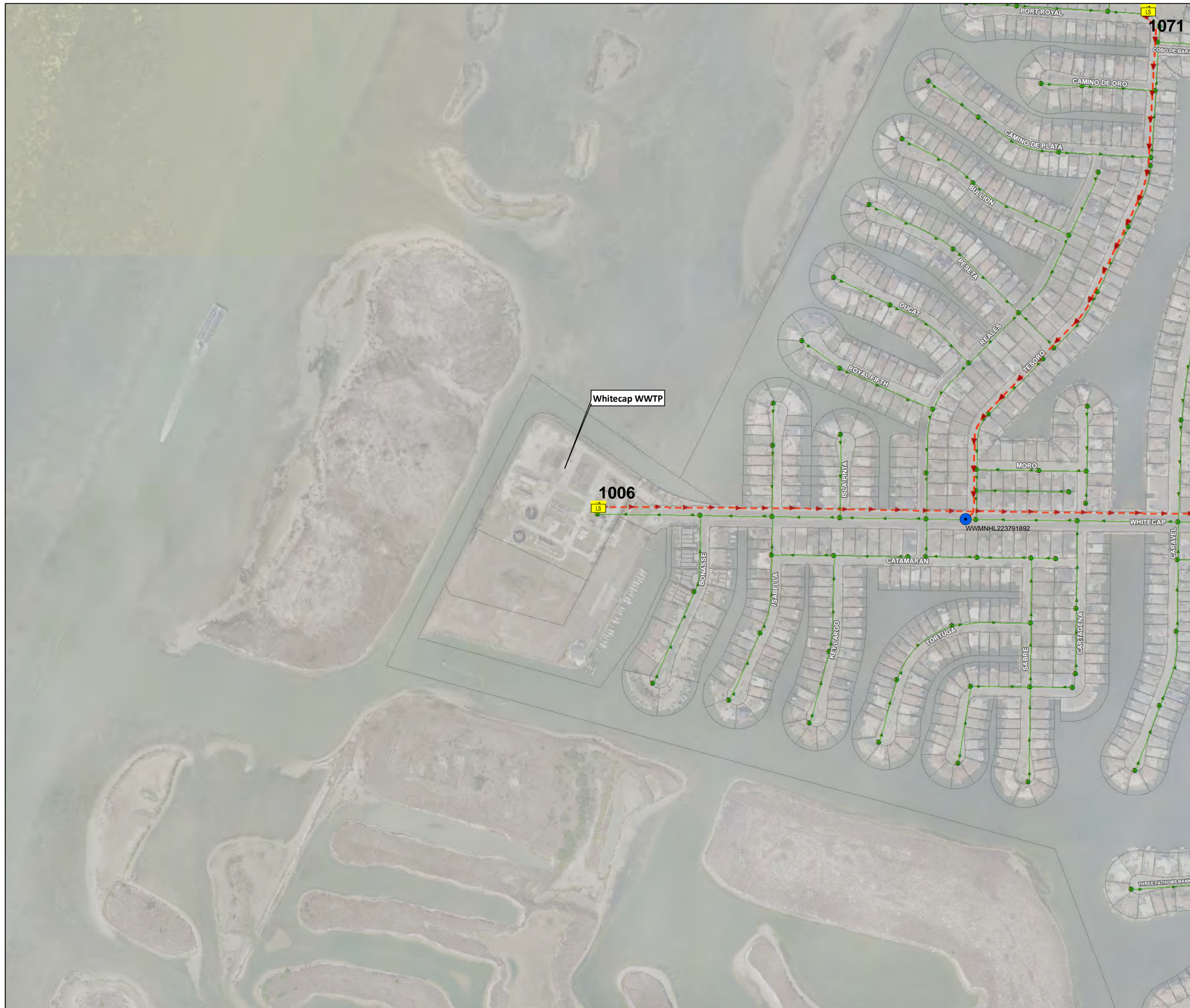
NOTES

Suction flow from wetwell and decant discharge to headworks.
Generator installed 2017



LIFT STATION RESPONSE PLAN
LS NAME: Laguna Madre WWTP LS ID: 1005 LS#: 79





Whitecap WWTP

1006

1071

LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	50
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

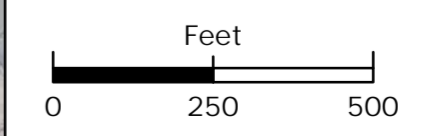
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>8 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant at return splitter box.



WW-LS1006

LIFT STATION RESPONSE PLAN
 LS NAME: Whitecap WWTP LS ID: 1006 LS #: 91





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	47
NUMBER OF PUMPS	4
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

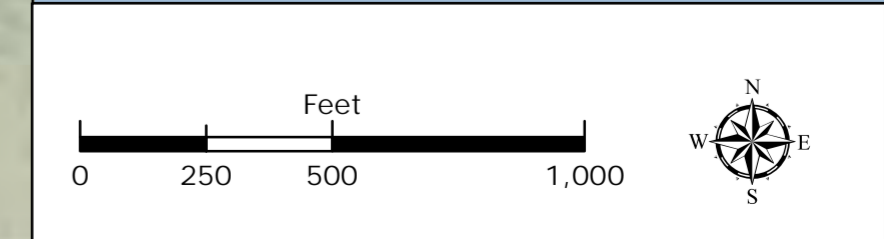
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.3 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131955 WWMNHL38017706 WWMNHL38017708

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	Verification needed

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant at Laguna Madre WWTP.



WW-LS1007

LIFT STATION RESPONSE PLAN
 LS NAME: Laguna Shores LS ID: 1007 LS#: 81





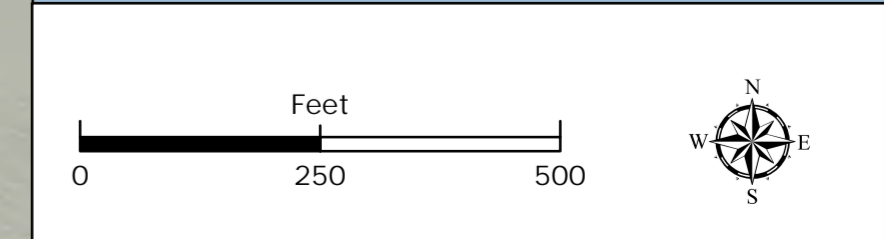
LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	10
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1132342

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WW-LS1009

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

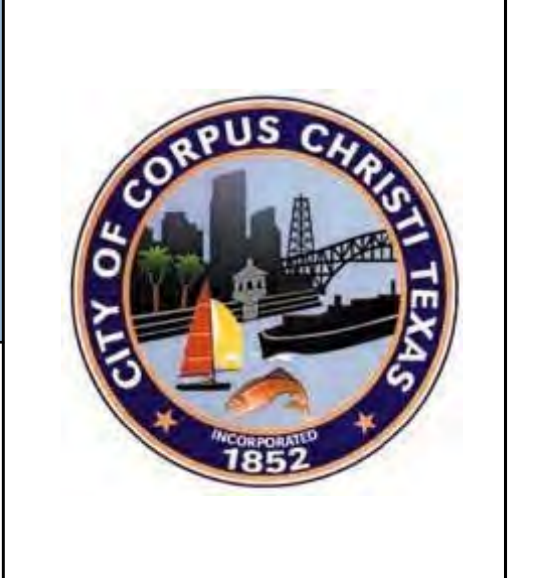
NOTES	
None	



WW-LS1008

LIFT STATION RESPONSE PLAN

LS NAME: North Beach "C" LS ID: 1008 LS #: 35





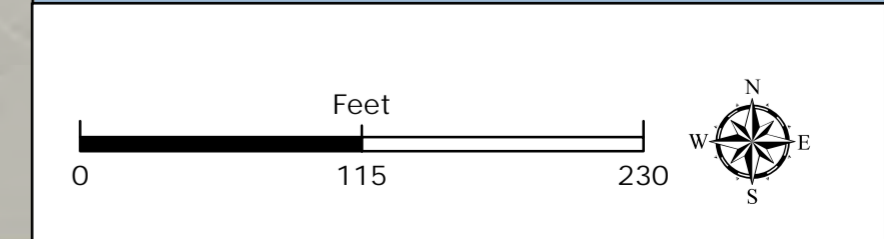
LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1126924

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL465857870

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES	
None	



WW-LS1009

LIFT STATION RESPONSE PLAN
 LS NAME: North Beach "D" LS ID: 1009 LS #: 36





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	23
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1010

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL15753462

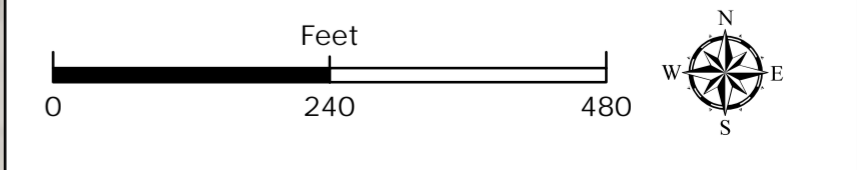
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL15753568

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Zahn LS ID: 1010 LS#: 100





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	47
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

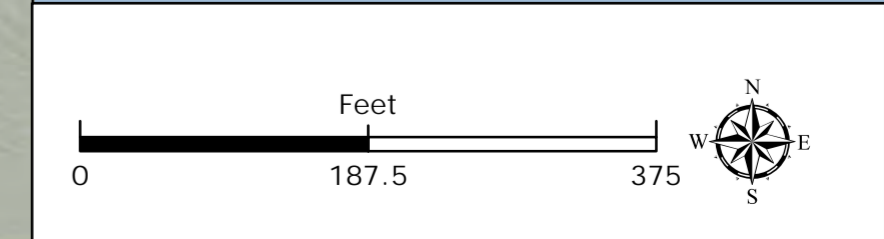
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	8.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1125893 WWMNHL1134700

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1009

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None



WW-LS1011

LIFT STATION RESPONSE PLAN
 LS NAME: North Beach "B" LS ID: 1011 LS #: 34





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

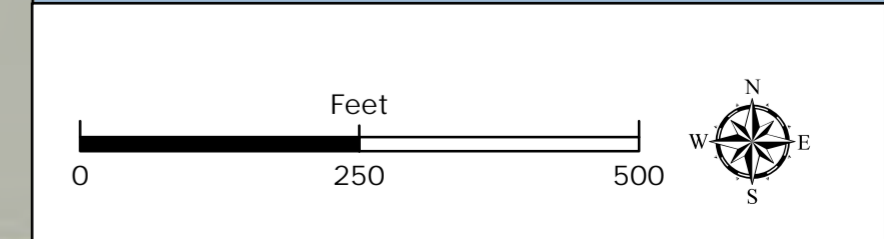
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1128357

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1124317

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None

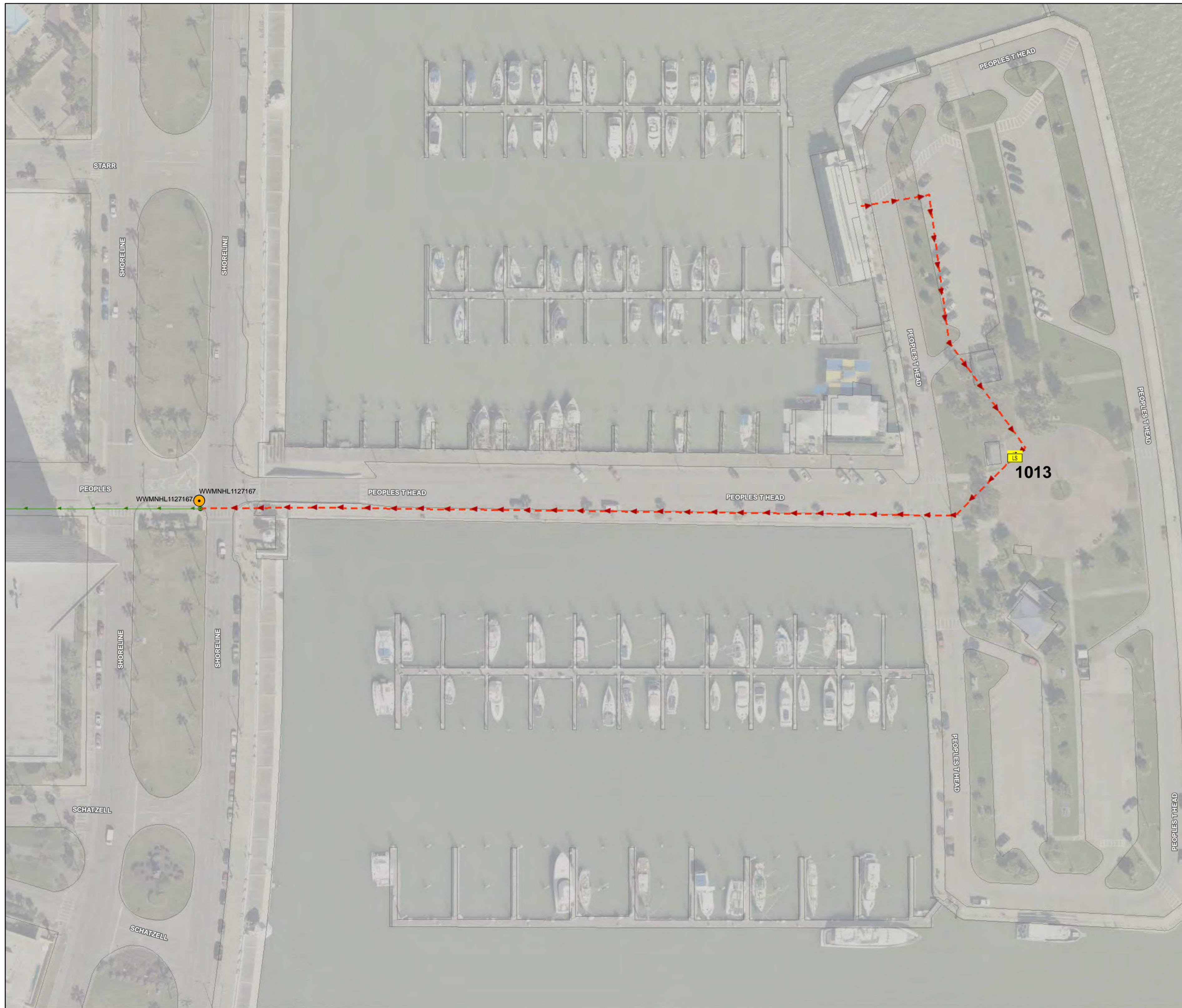


WW-LS1012

LIFT STATION RESPONSE PLAN

LS NAME: North Beach "E" LS ID: 1012 LS #: 33





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	25
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

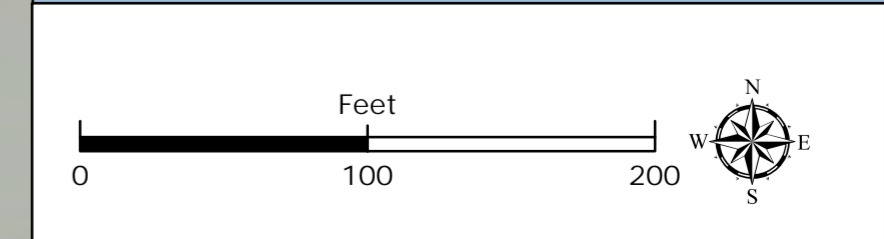
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	Same as Discharge

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1127167

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

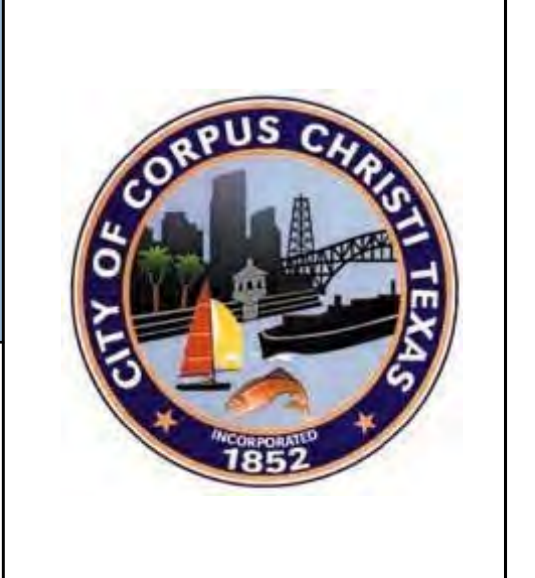
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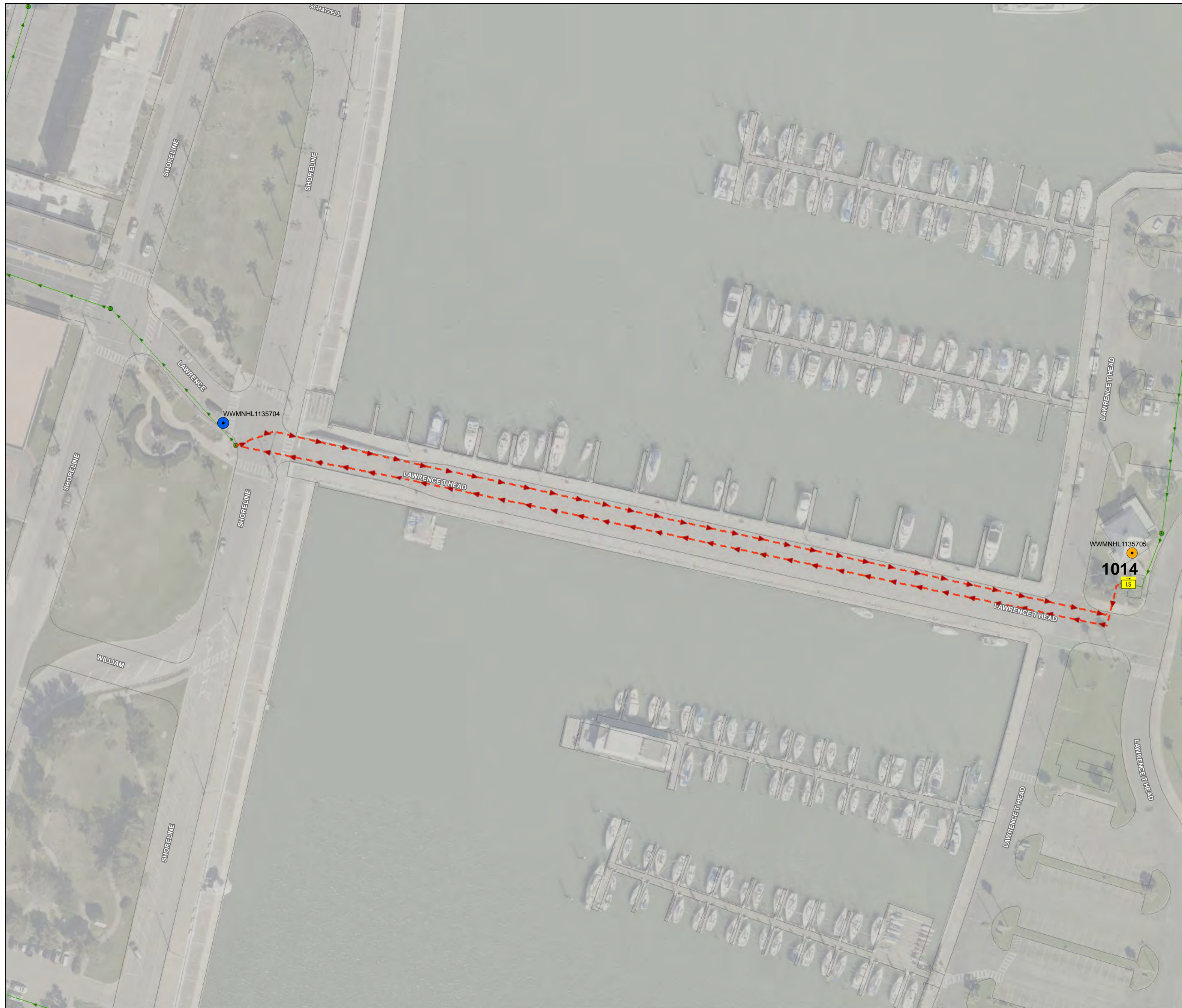


WW-LS1013

LIFT STATION RESPONSE PLAN

LS NAME: Peoples Street "T" Head LS ID: 1013 LS#: 41





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	25
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1014

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1135705

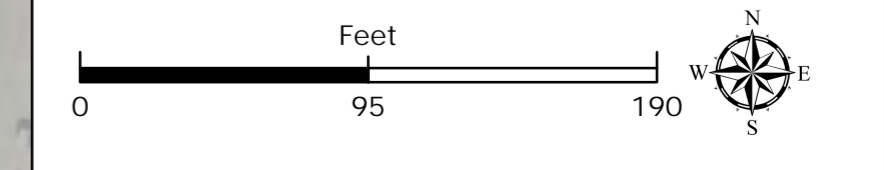
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1135704

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None

LIFT STATION RESPONSE PLAN
 LS NAME: Lawrence Street "T" Head LS ID: 1014 LS#: 42





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

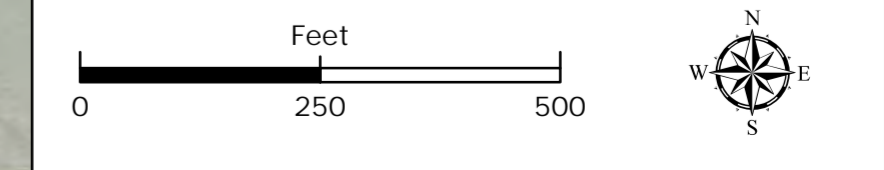
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	Same as Discharge

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129546

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None

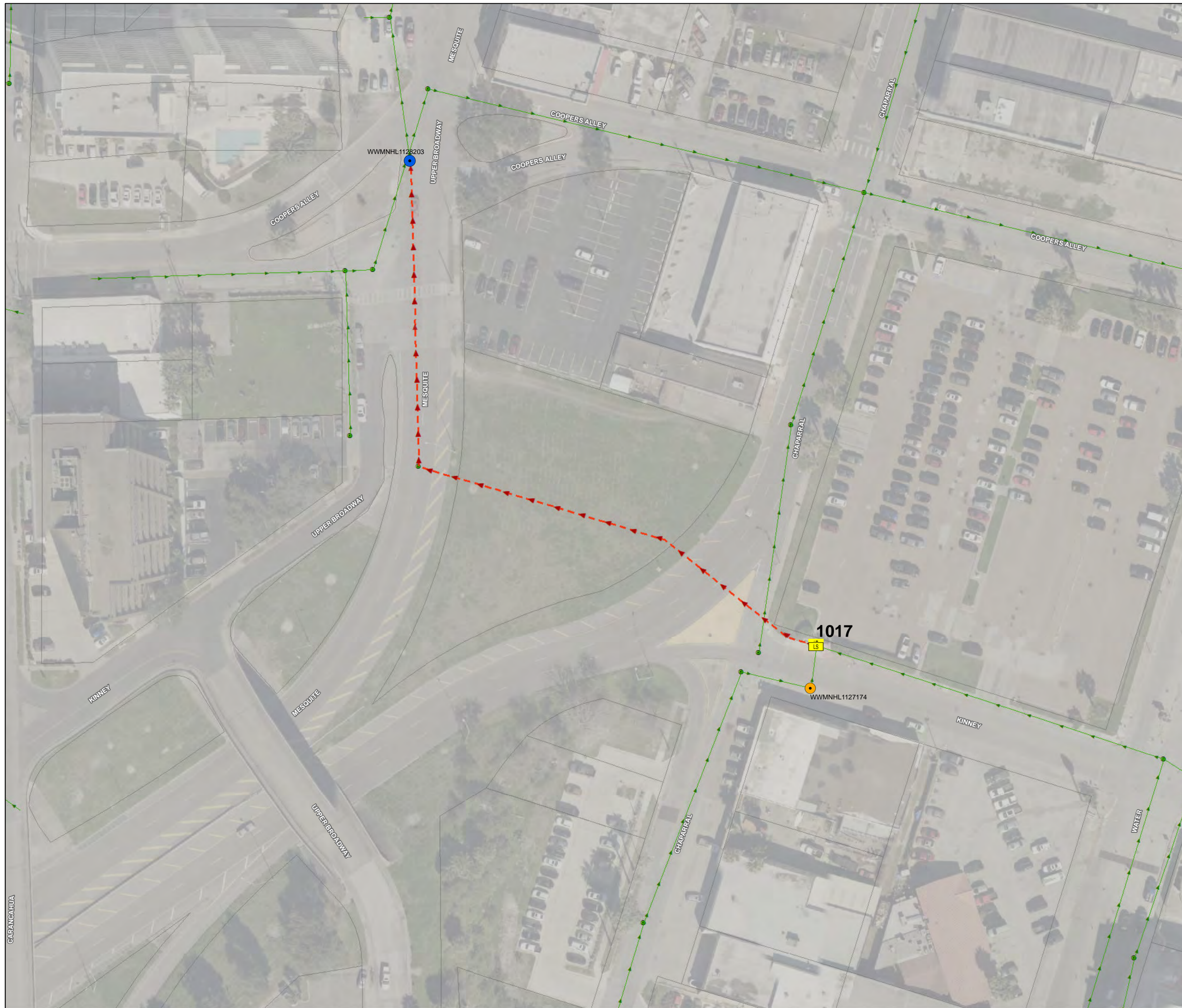


WW-LS1015

LIFT STATION RESPONSE PLAN

LS NAME: Coopers Alley "L" Head LS ID: 1015 LS#: 43





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	15
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

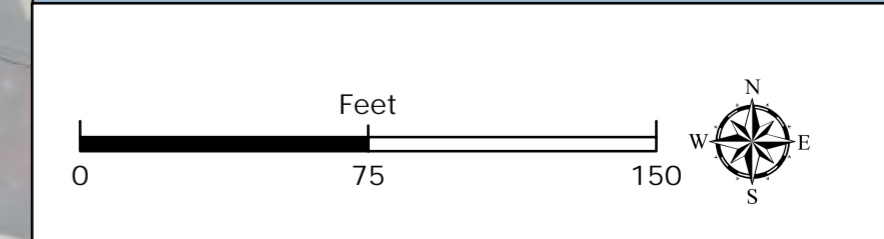
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1127174

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1128203

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1017

LIFT STATION RESPONSE PLAN
 LS NAME: Studebaker LS ID: 1017 LS#: 40





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1018

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124132

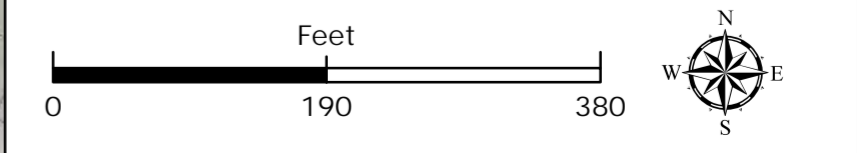
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129831

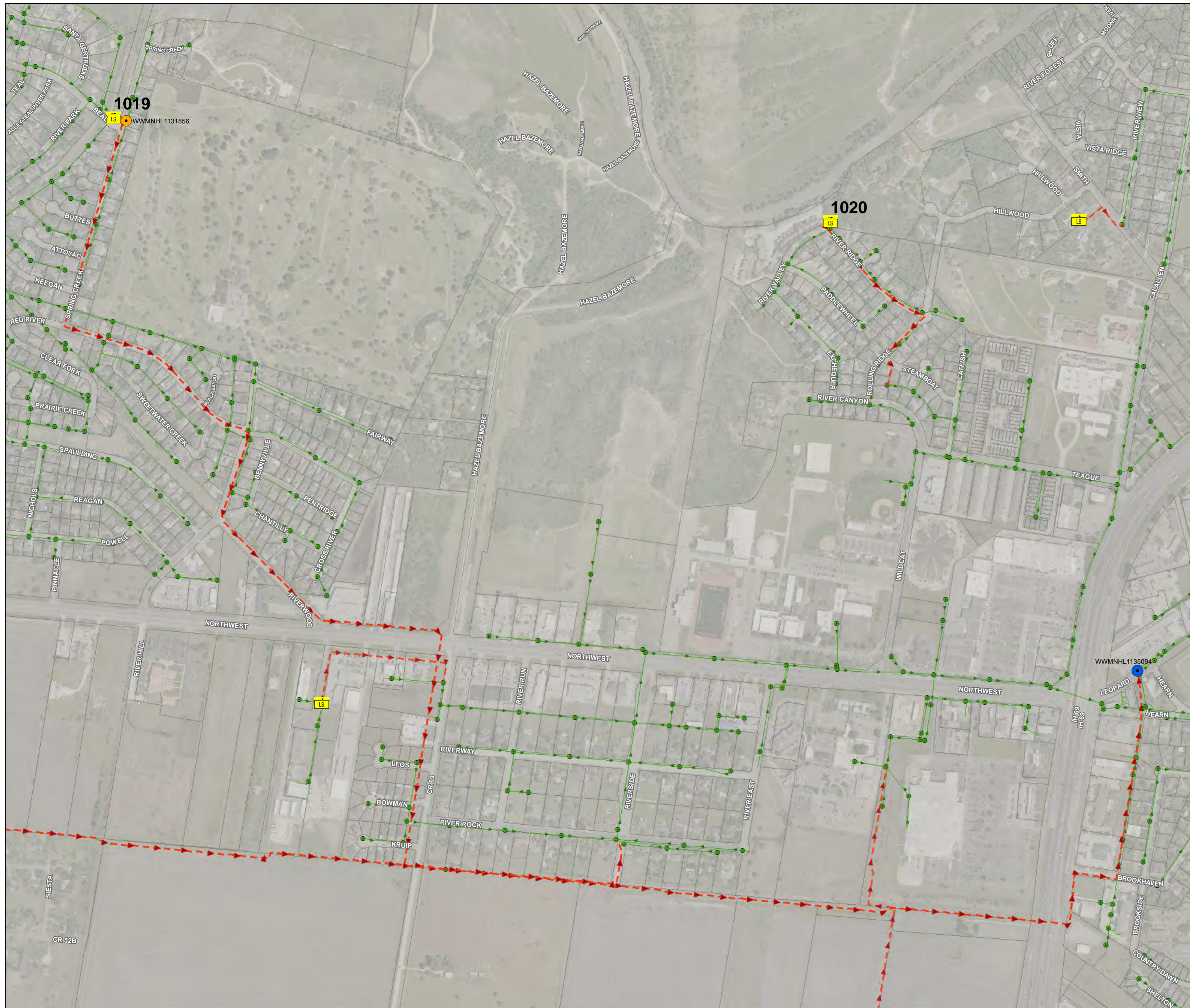
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Nueces Bay LS ID: 1018 LS#: 30





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	88
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

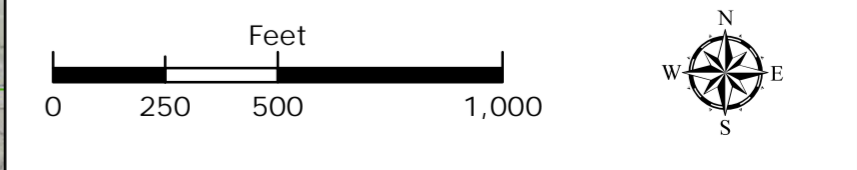
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	7 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131856

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1135094

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

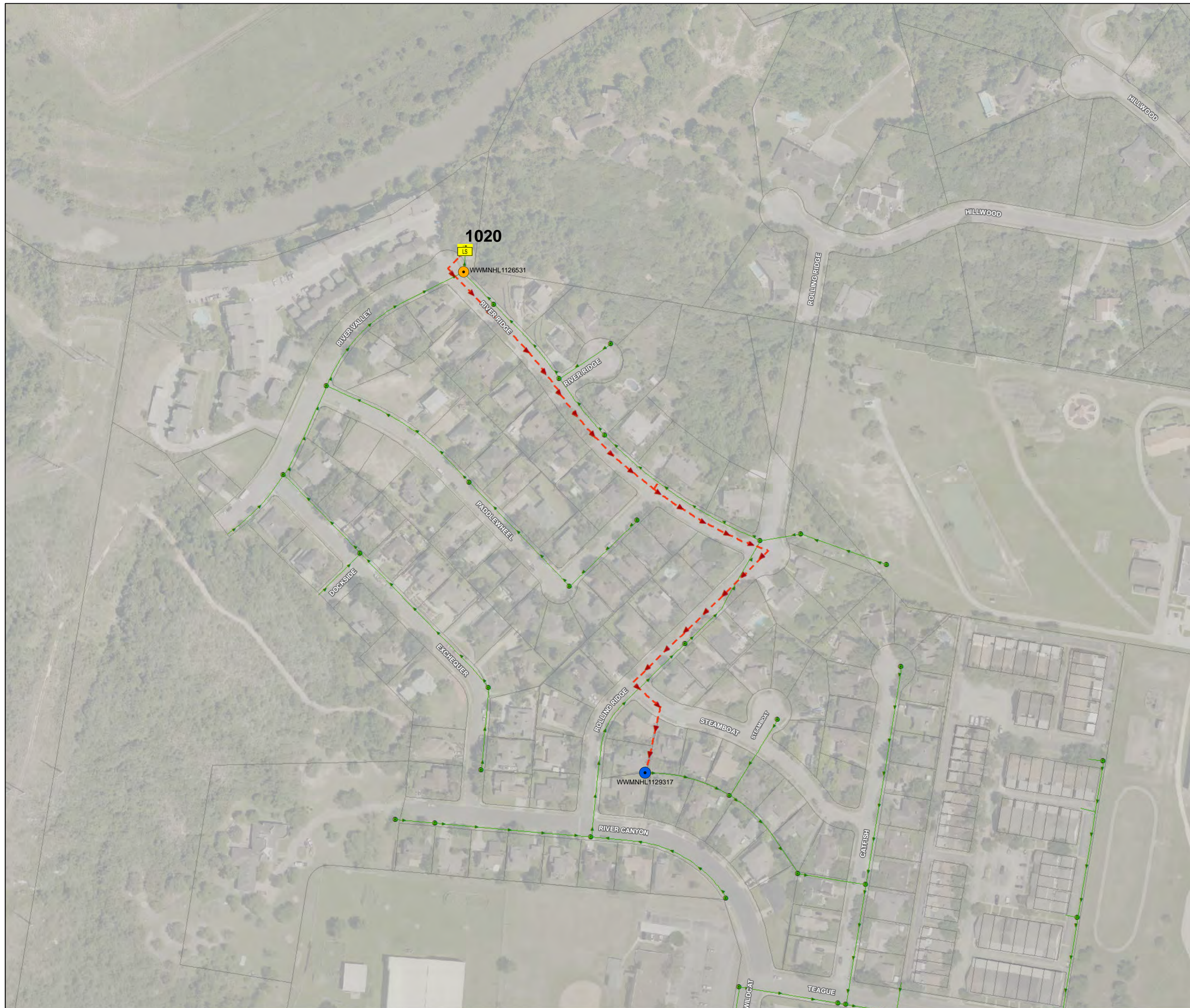
Verify Generator is started and transfer load.



WW-LS1019

LIFT STATION RESPONSE PLAN
 LS NAME: Wood River LS ID: 1019 LS#: 1





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1020

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1126531

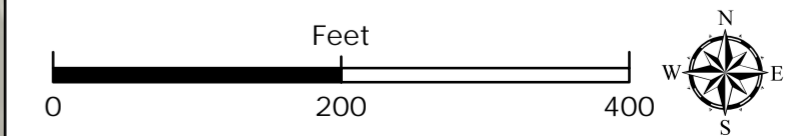
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129317

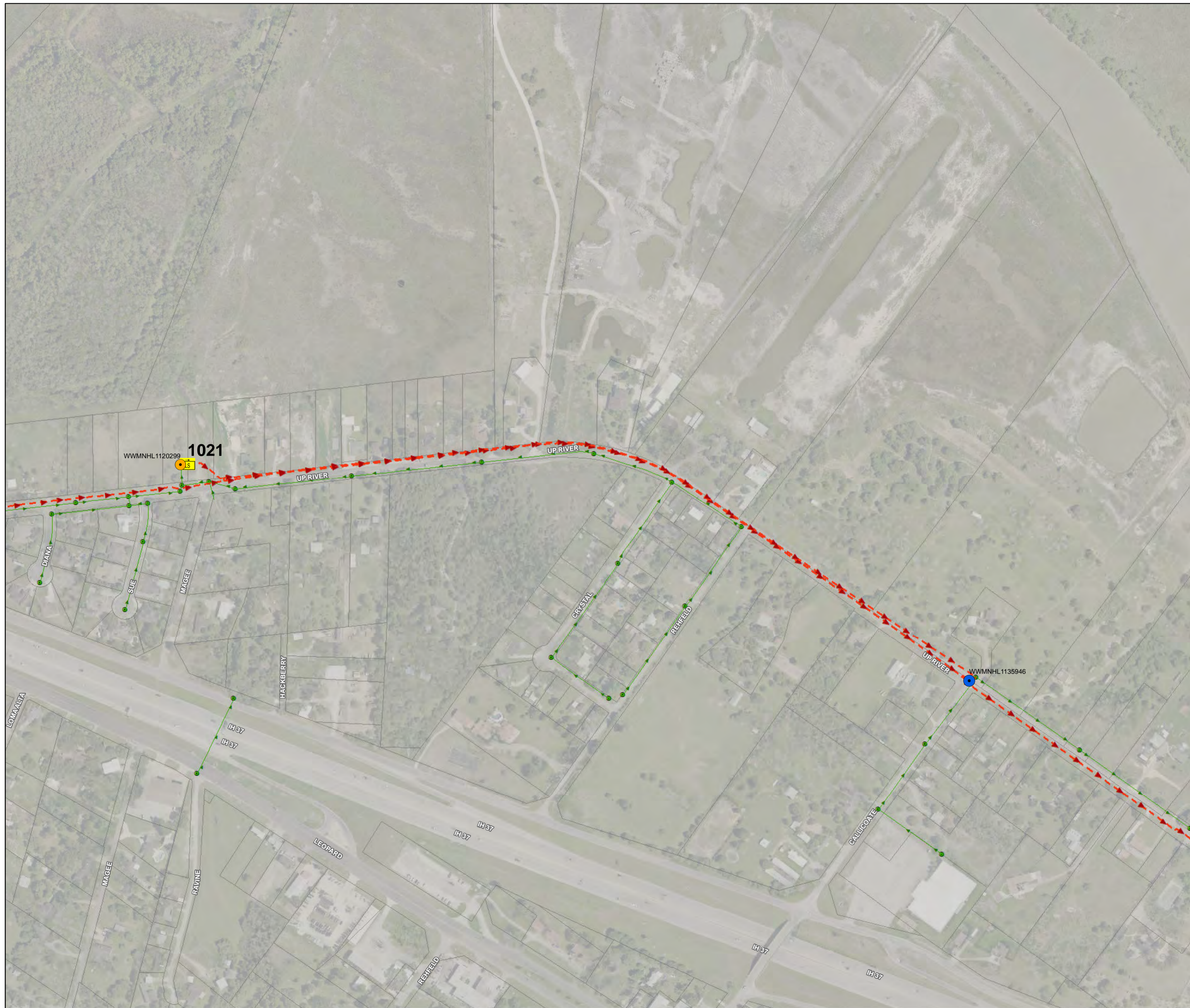
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Verify Generator is started and transfer load.
2. Permanent backup pump on site.

LIFT STATION RESPONSE PLAN
 LS NAME: River Canyon LS ID: 1020 LS#: 2





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	25
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1021

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120299

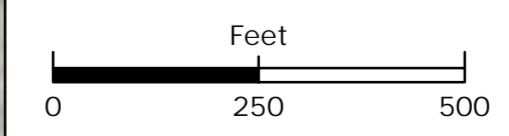
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1135946

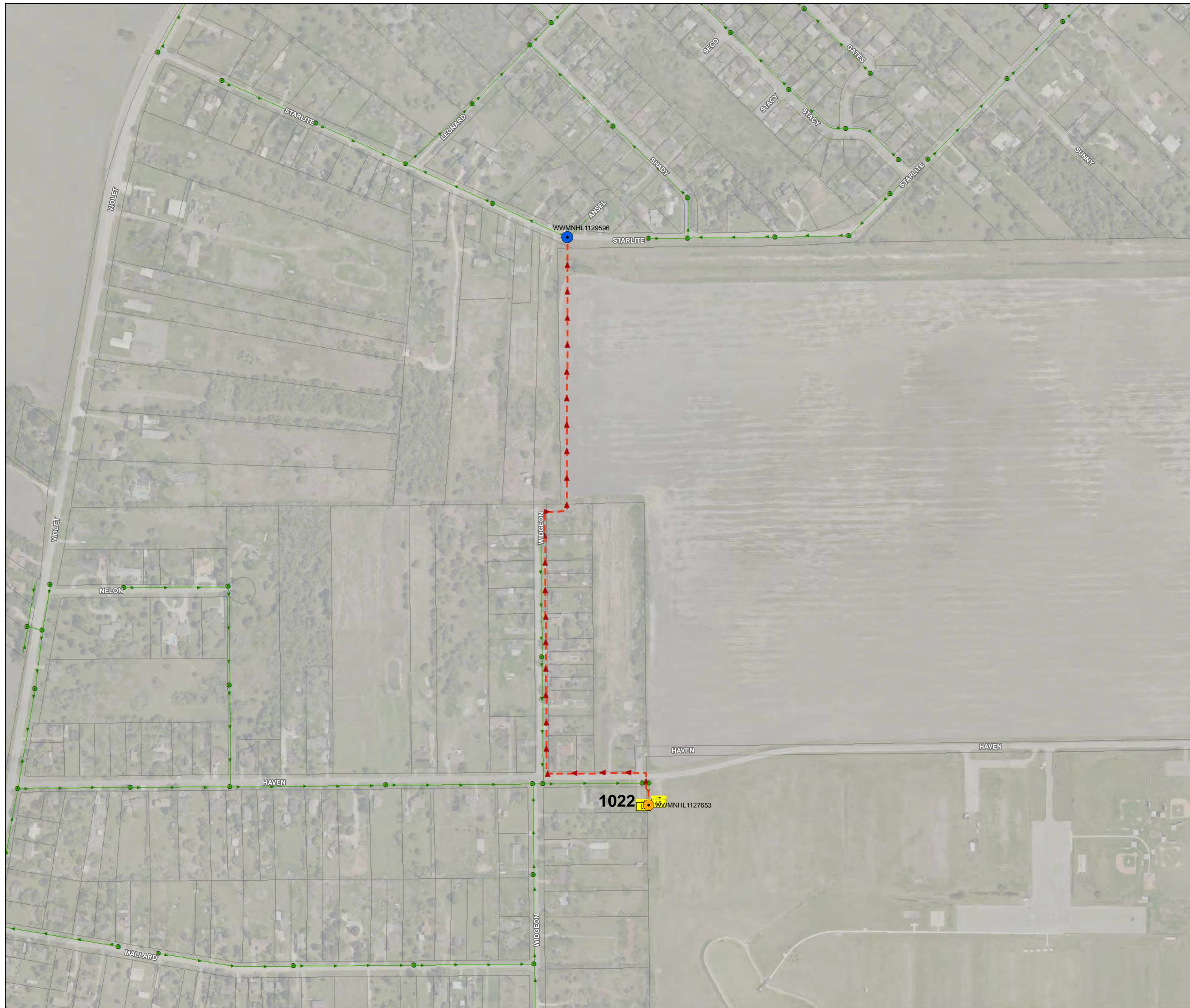
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Up River Road LS ID: 1021 LS#: 6





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1022

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	5.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1127653

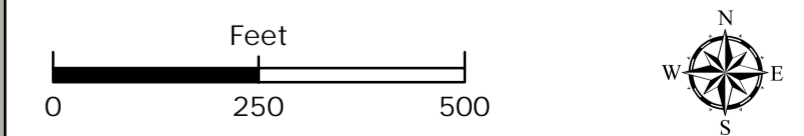
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129596

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Nueces Acres LS ID: 1022 LS#: 8





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1023

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124477

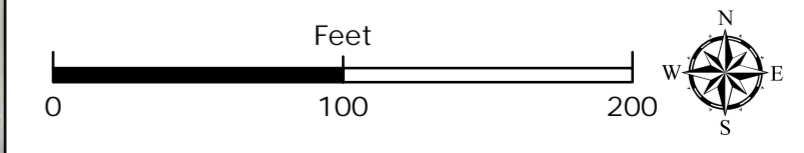
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132012

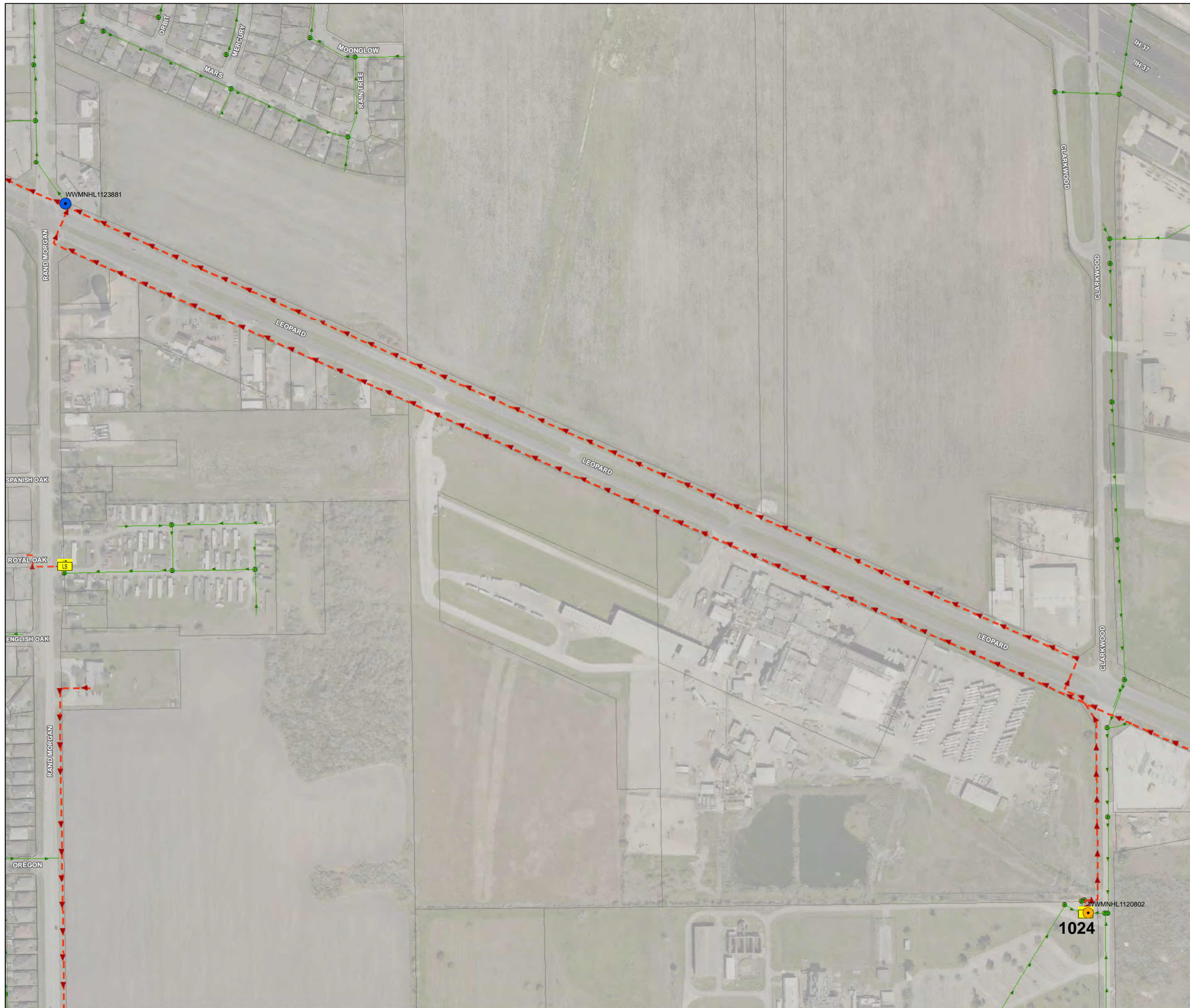
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Solar Estates LS ID: 1023 LS#: 10





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	47
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

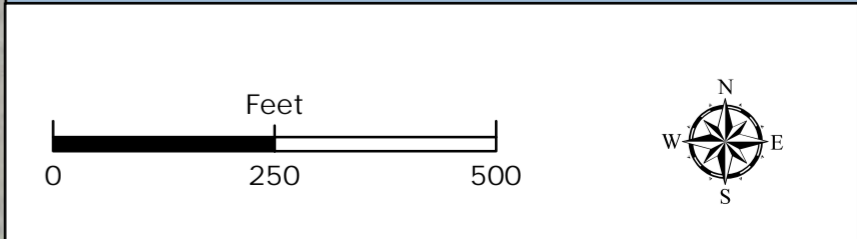
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120802

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1123881

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

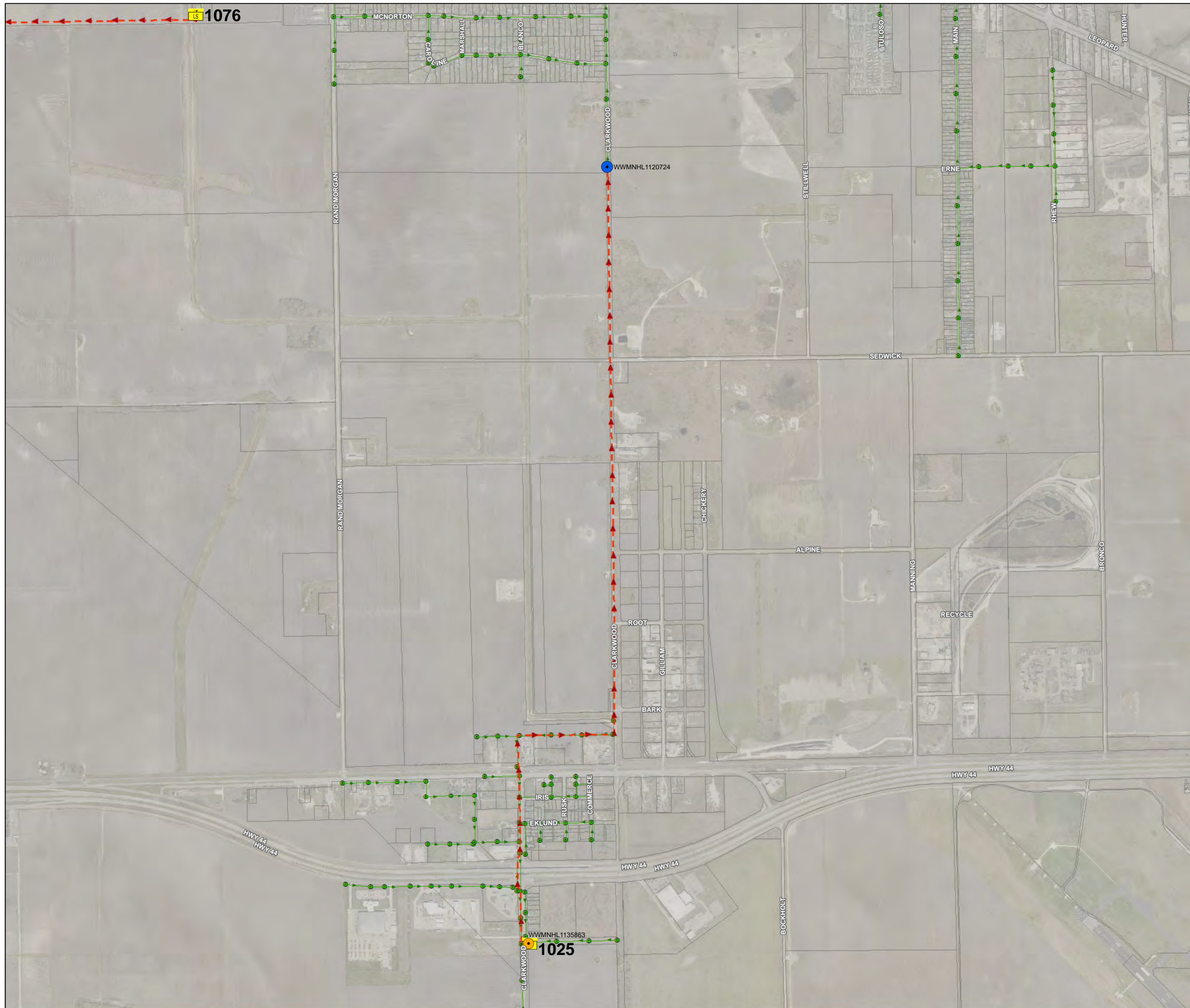
1. Verify Generator is started and transfer load.
2. Permanent backup pump on site.



WW-LS1024

LIFT STATION RESPONSE PLAN
LS NAME: Clarkwood North LS ID: 1024 LS#: 11





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

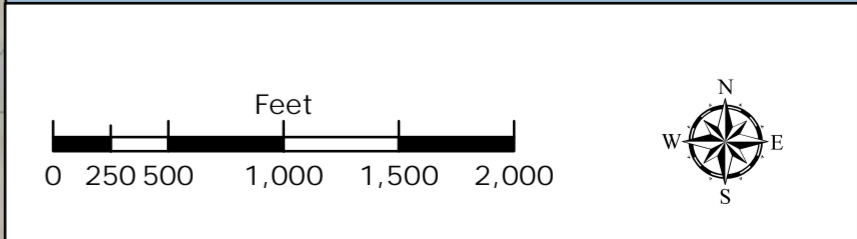
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1135863

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120724

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1025

LIFT STATION RESPONSE PLAN

LS NAME: Clarkwood South LS ID: 1025 LS#: 15





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	47
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

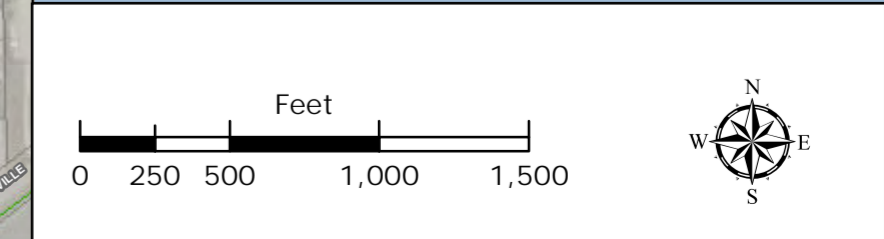
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL72024035

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132749

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

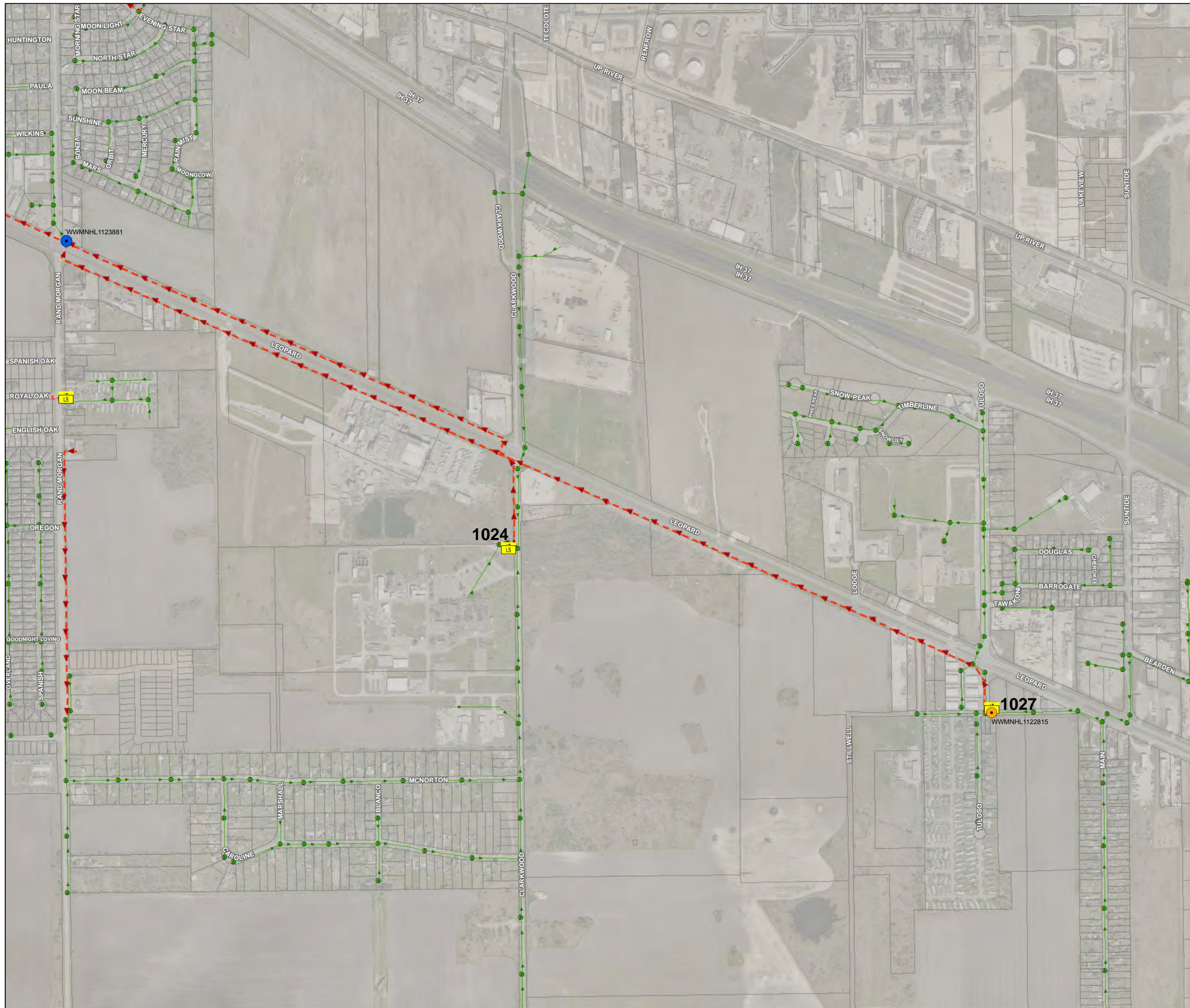
1. Permanent generator on site.
2. Suction flow from wetwell and decant into discharge manhole.



WW-LS1026

LIFT STATION RESPONSE PLAN
 LS NAME: Airport LS ID: 1026 LS#: 18





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	25
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

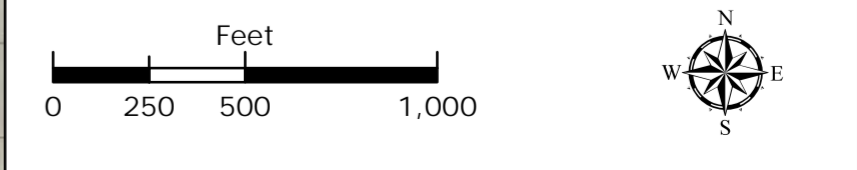
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1122815

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1123881

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from manhole and decant at discharge manhole.



WW-LS1027

LIFT STATION RESPONSE PLAN
 LS NAME: Stillwell LS ID: 1027 LS#: 12





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

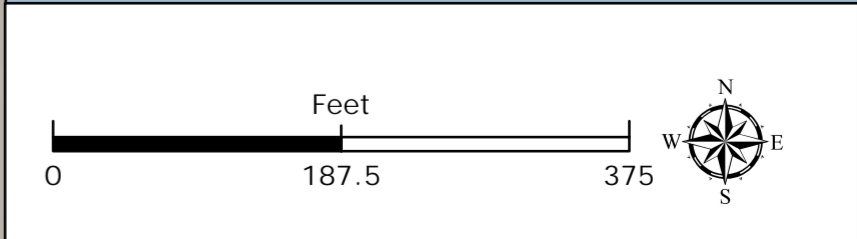
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL29418493

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1127608

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

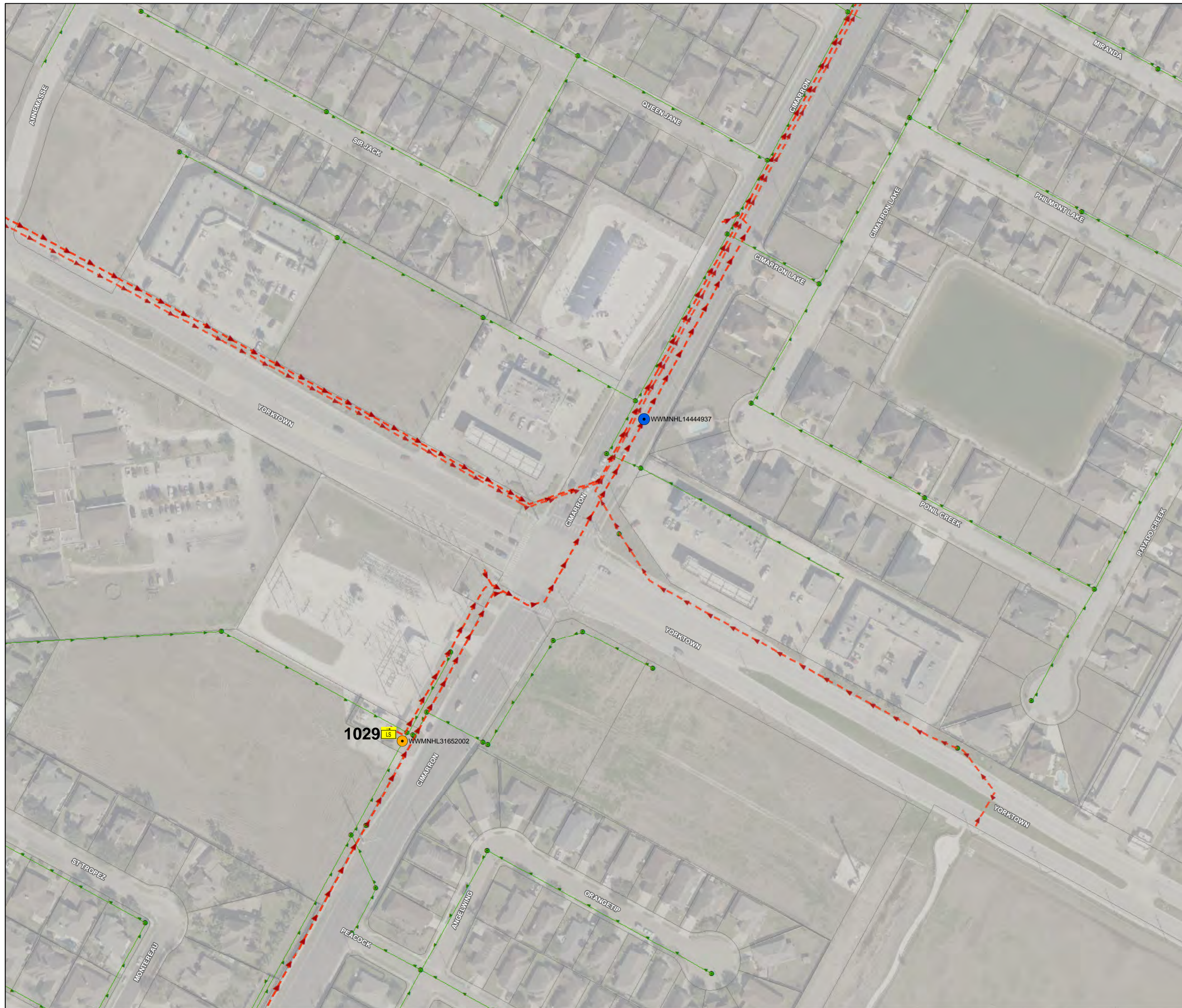


WW-LS1028

LIFT STATION RESPONSE PLAN

LS NAME: Levi County Jail LS ID: 1028 LS#: 20





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	YES

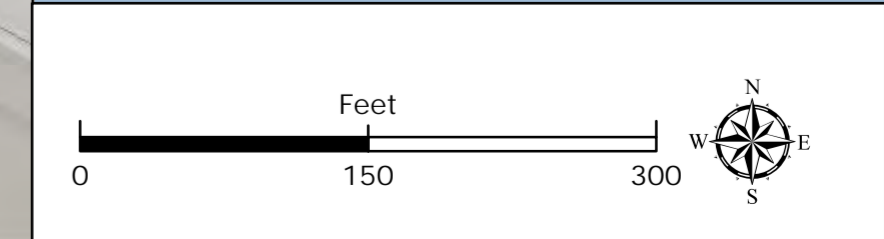
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	13.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL31652002

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1444937

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

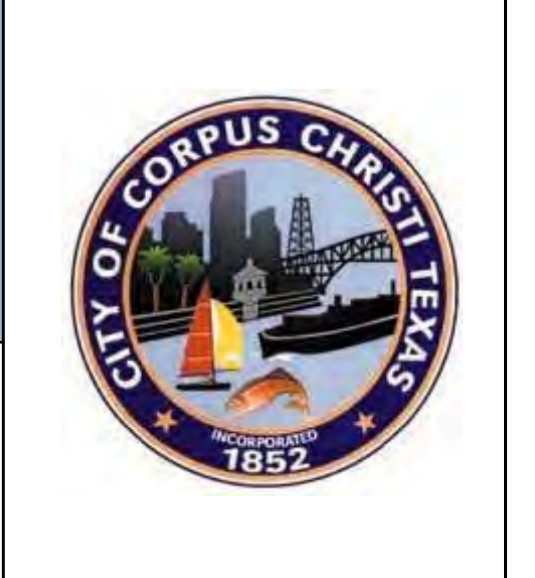
NOTES

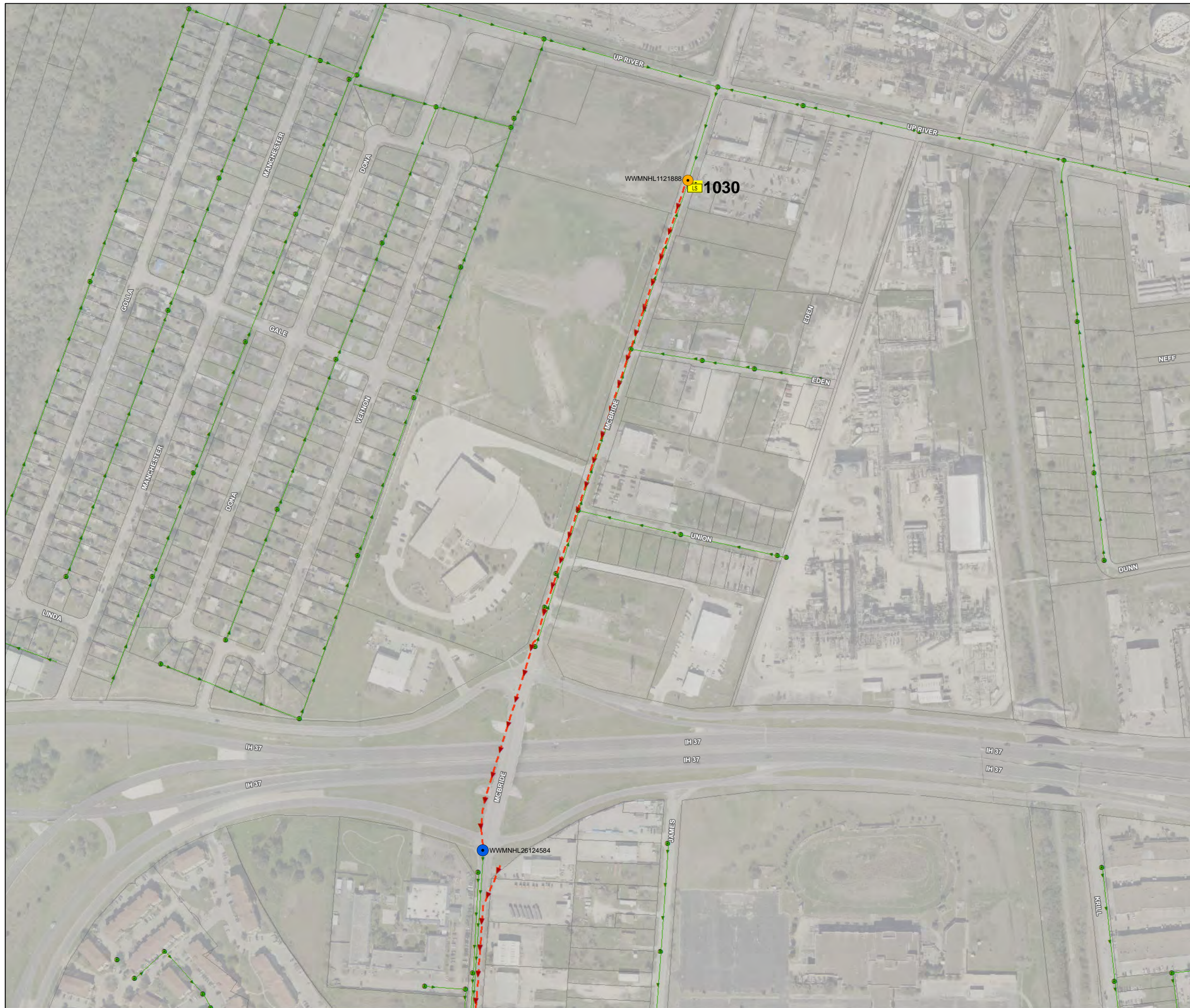
1. Verify Generator is started and transfer load.
2. Suction flow from wetwell and decant into discharge manhole.



WW-LS1029

LIFT STATION RESPONSE PLAN
 LS NAME: Cimarron LS ID: 1029 LS#: 58





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	2-30 HP, 1-100 HP
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

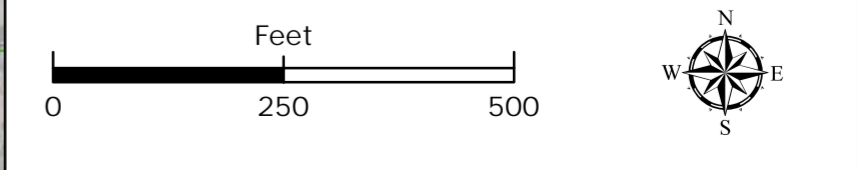
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1121888

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL26124584

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1030

LIFT STATION RESPONSE PLAN
 LS NAME: McBride LS ID: 1030 LS#: 19





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1031

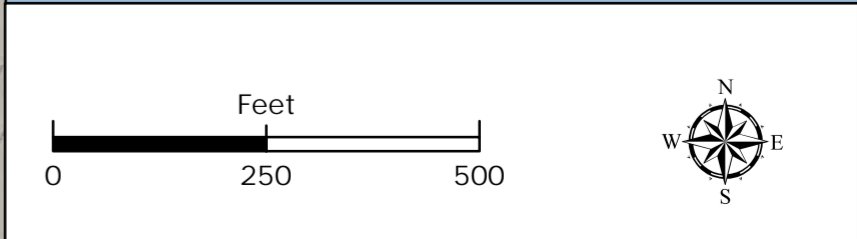
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1135092

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132556

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

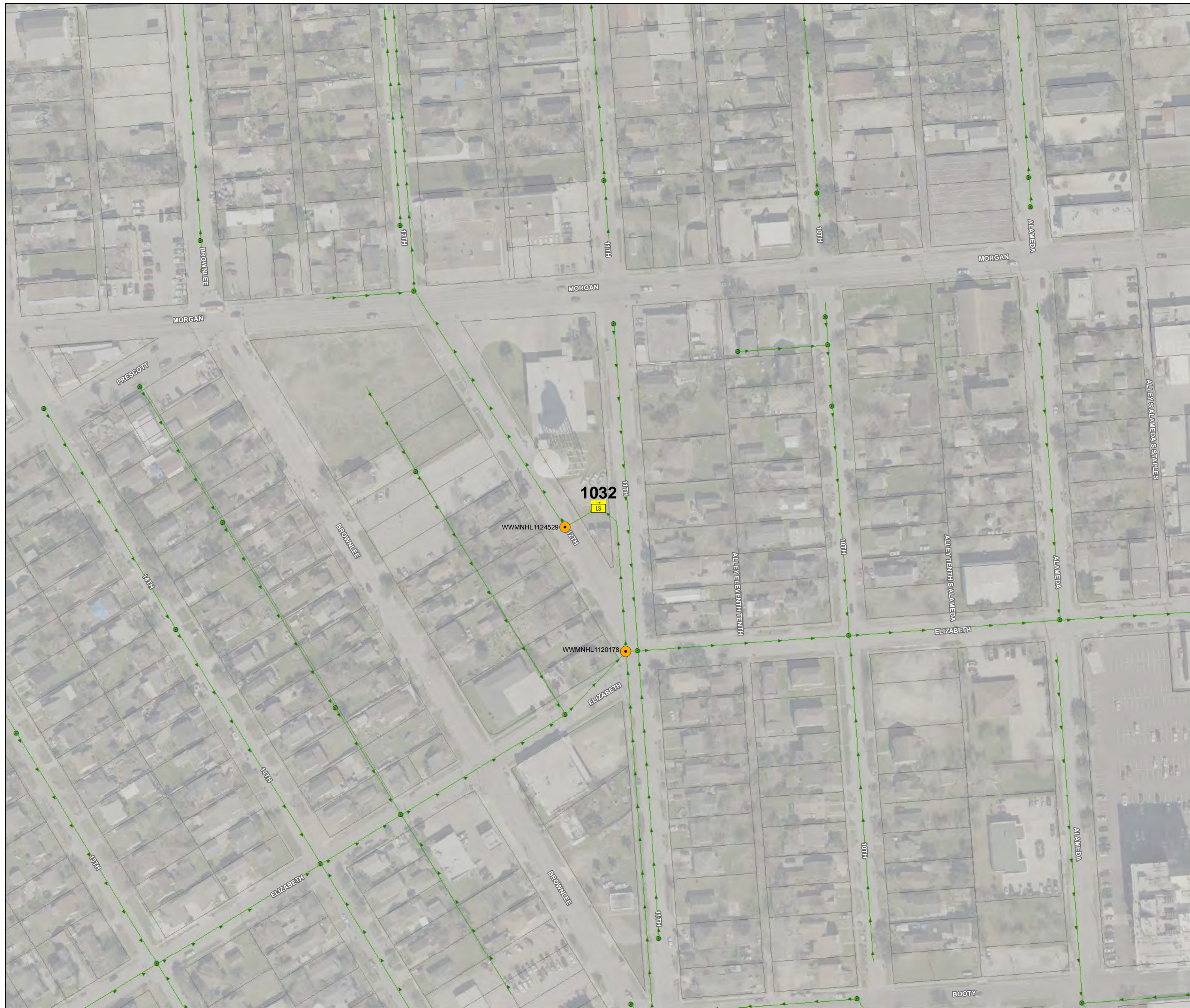
NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Highway Nine LS ID: 1031 LS#: 17





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	20
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

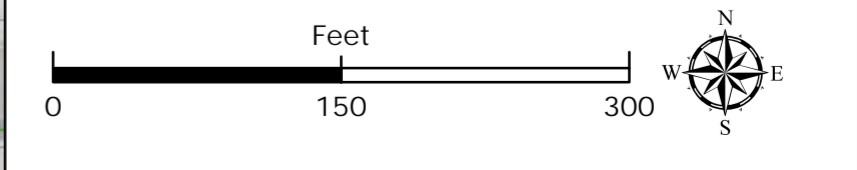
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124529 WWMNHL1120178

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

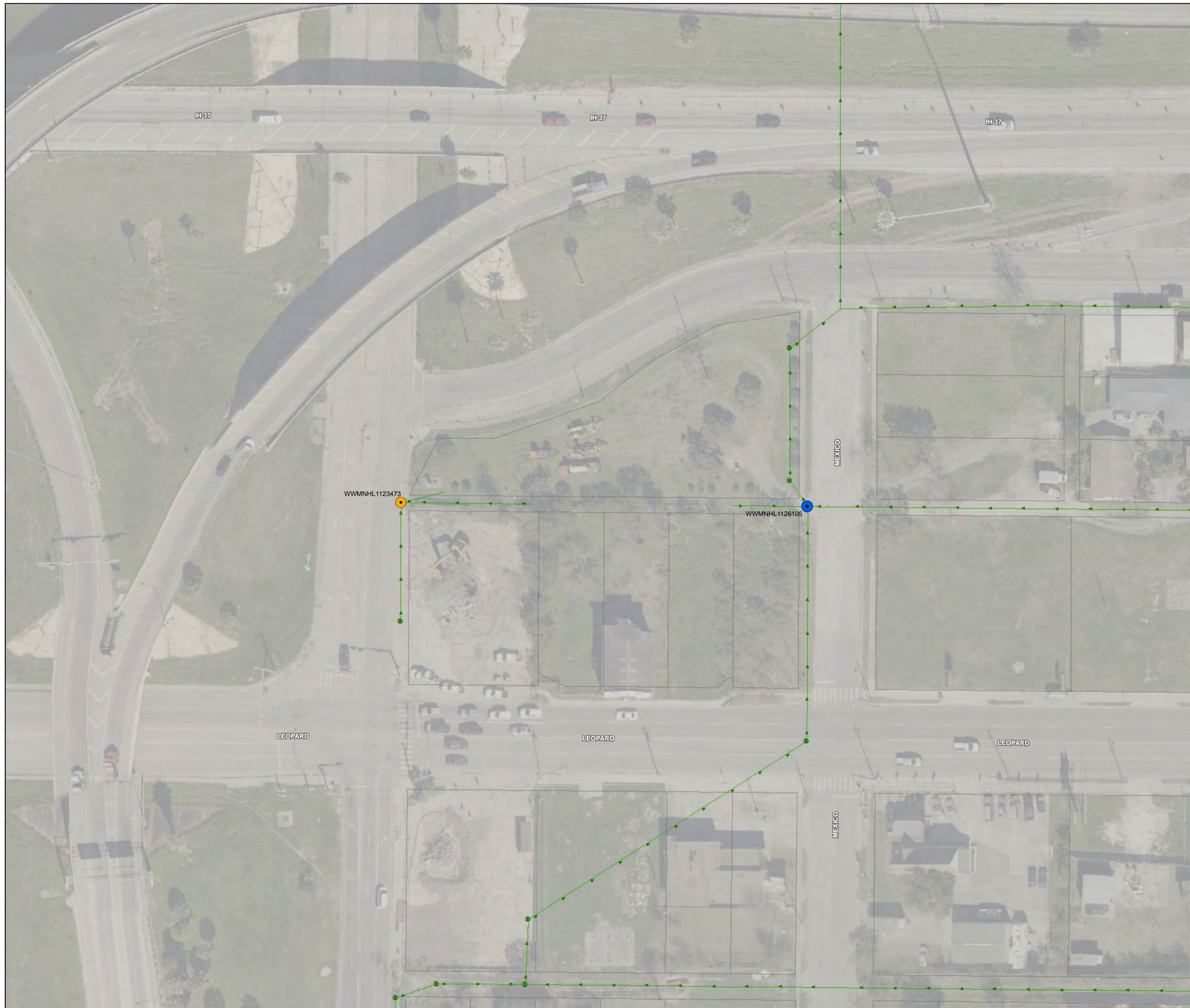
Suction flow from wetwell and decant into discharge manhole.



WW-LS1032

LIFT STATION RESPONSE PLAN
 LS NAME: Morgan LS ID: 1032 LS #: 39





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

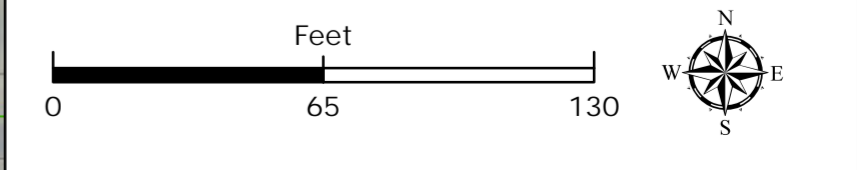
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123473

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	1
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1126105

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

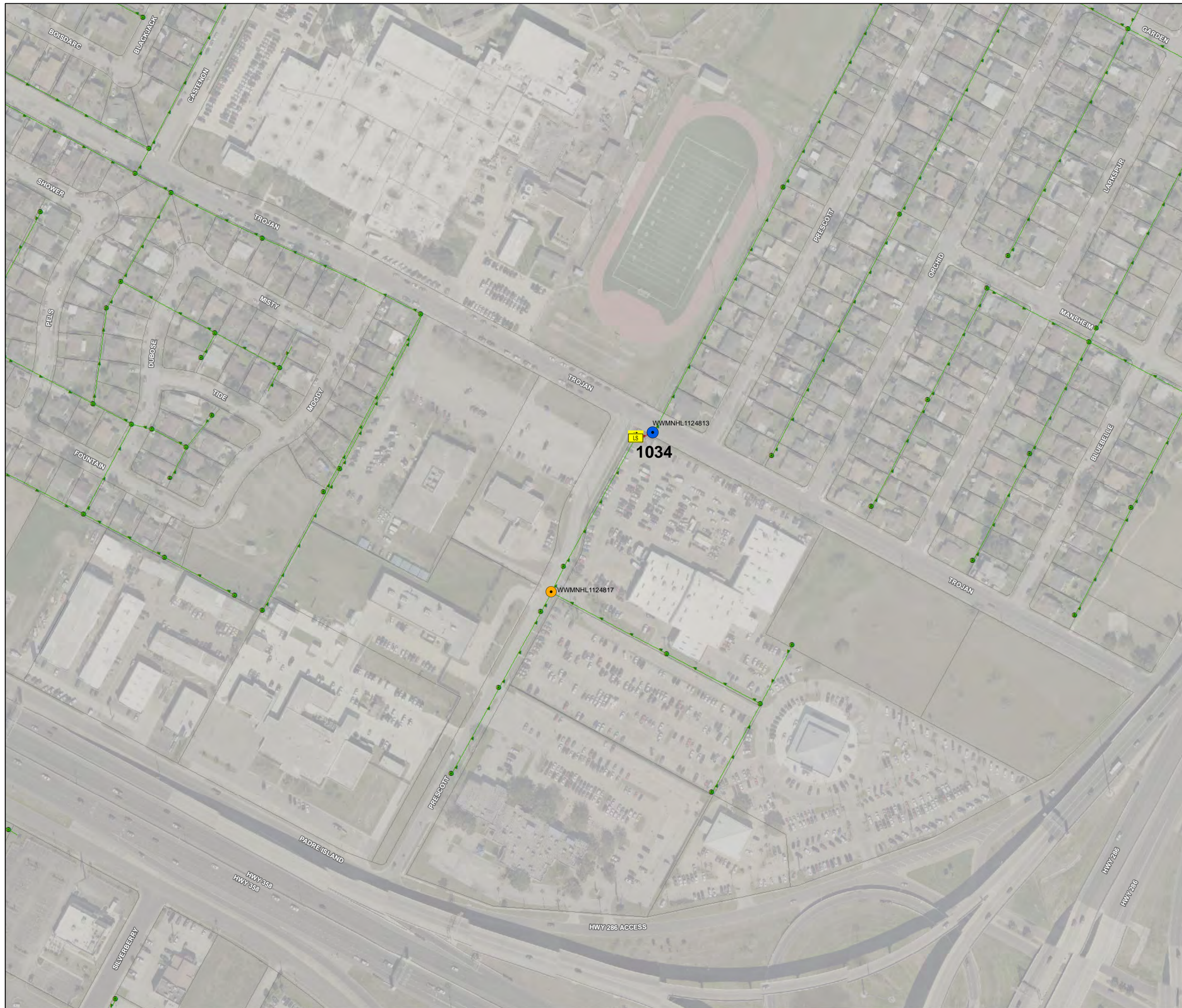
Suction flow from wetwell and decant into discharge manhole.



WW-LS1033

LIFT STATION RESPONSE PLAN
 LS NAME: Brownlee LS ID: 1033 LS#: 38





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	2.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

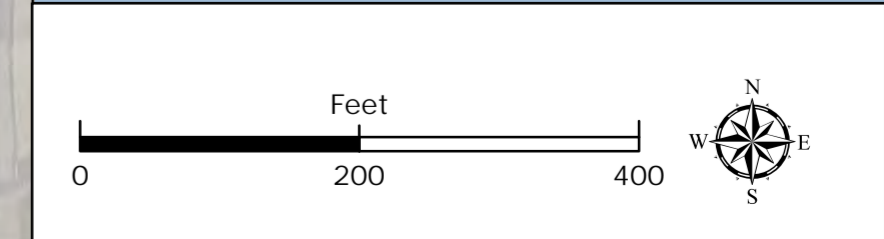
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	22 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124817

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1124813

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

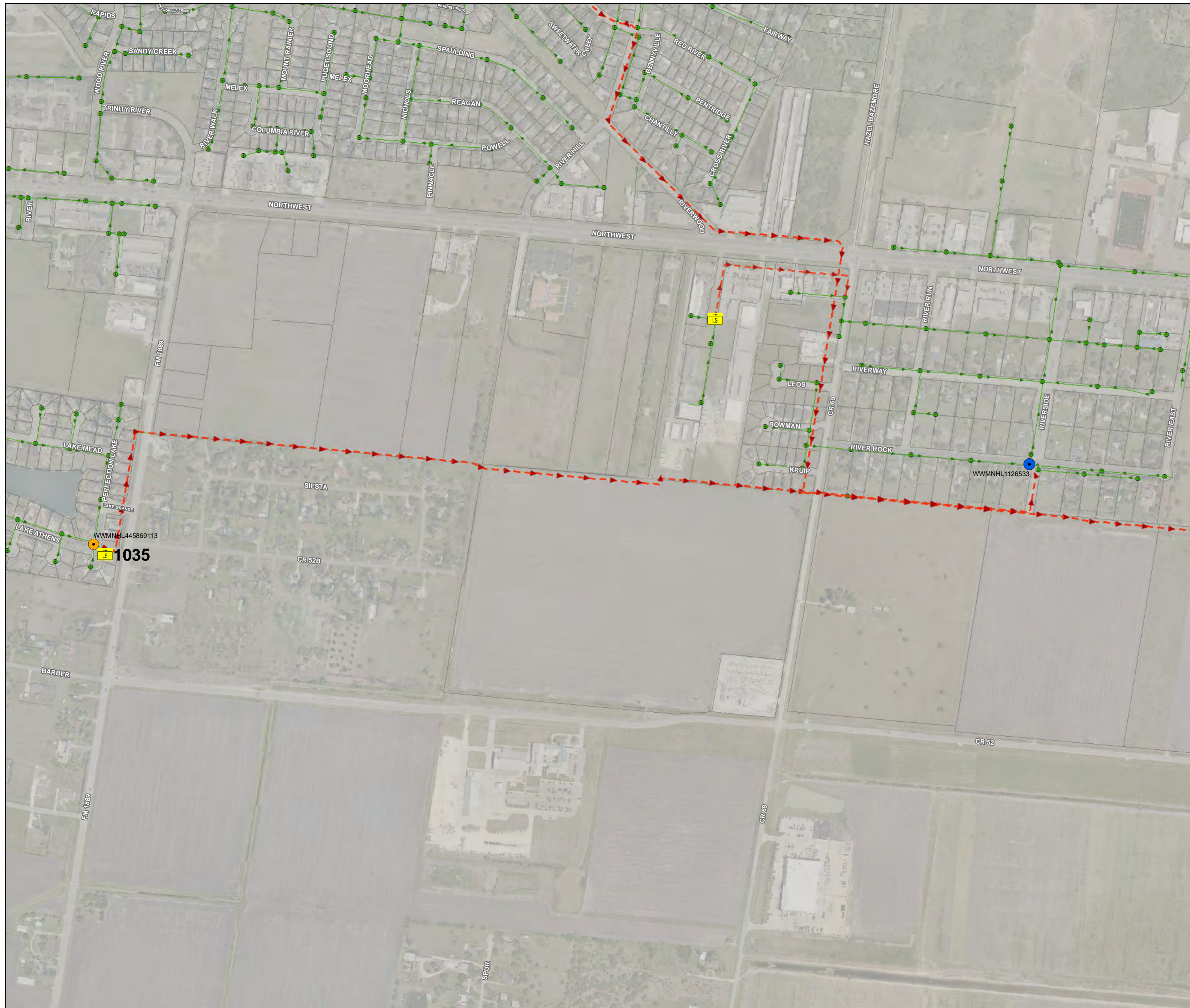
Suction flow from wetwell and decant into discharge manhole.



WW-LS1034

LIFT STATION RESPONSE PLAN
 LS NAME: Trojan LS ID: 1034 LS#: 24





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL445869113

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1126533

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

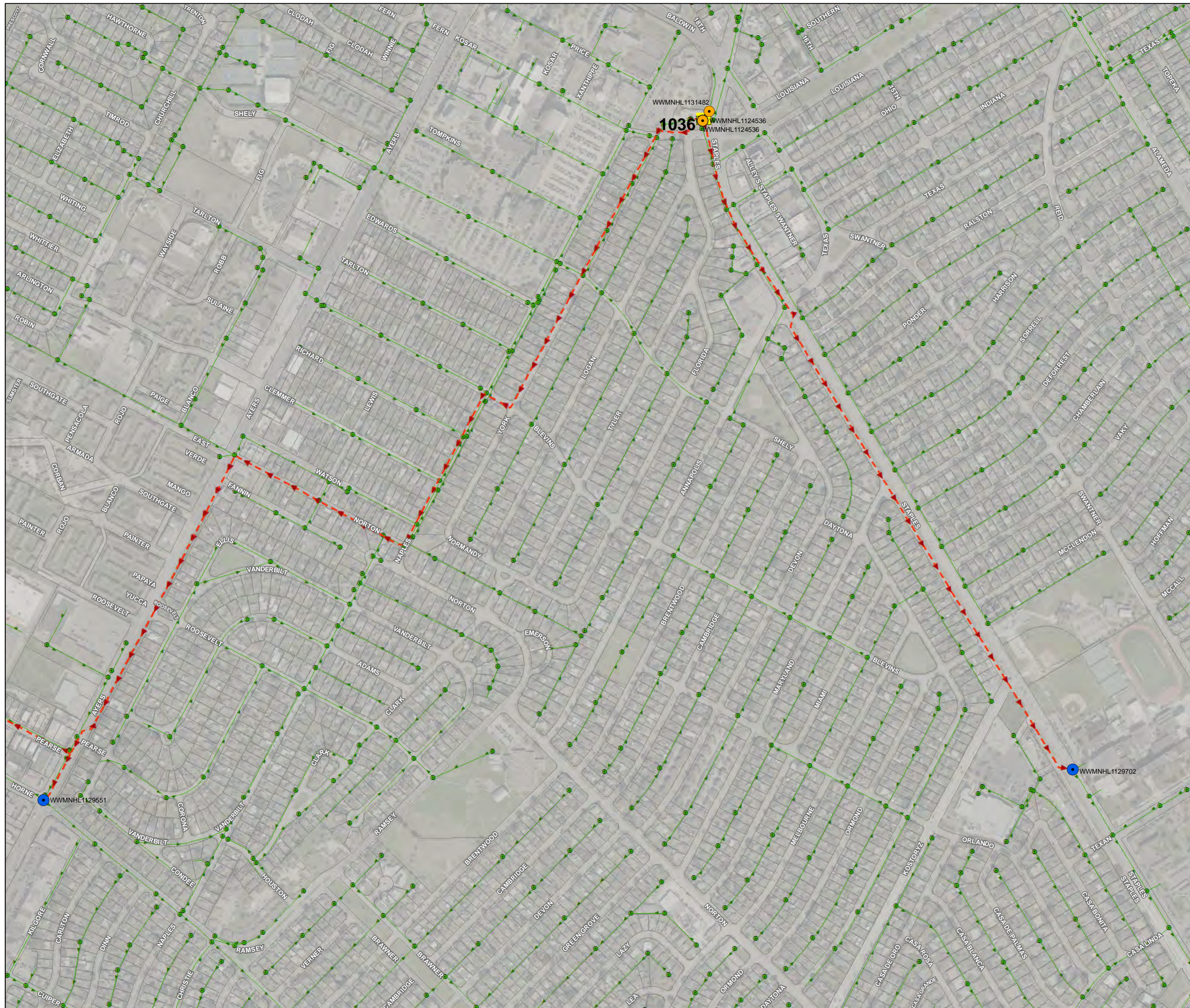


WW-LS1035

LIFT STATION RESPONSE PLAN

LS NAME: Lakes Northwest LS ID: 1035 LS#: 16





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	1-25 HP, 4-47 HP
NUMBER OF PUMPS	5
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

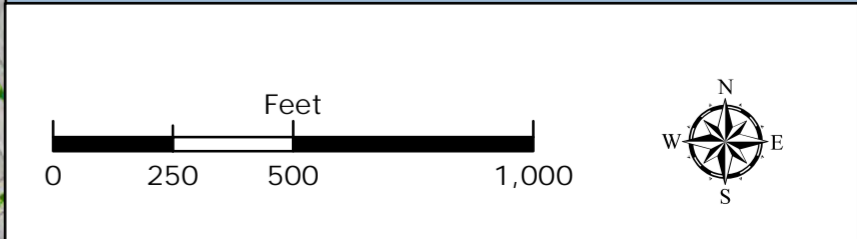
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1129633 WWMNHL1131482

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129551 WWMNHL1129702

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

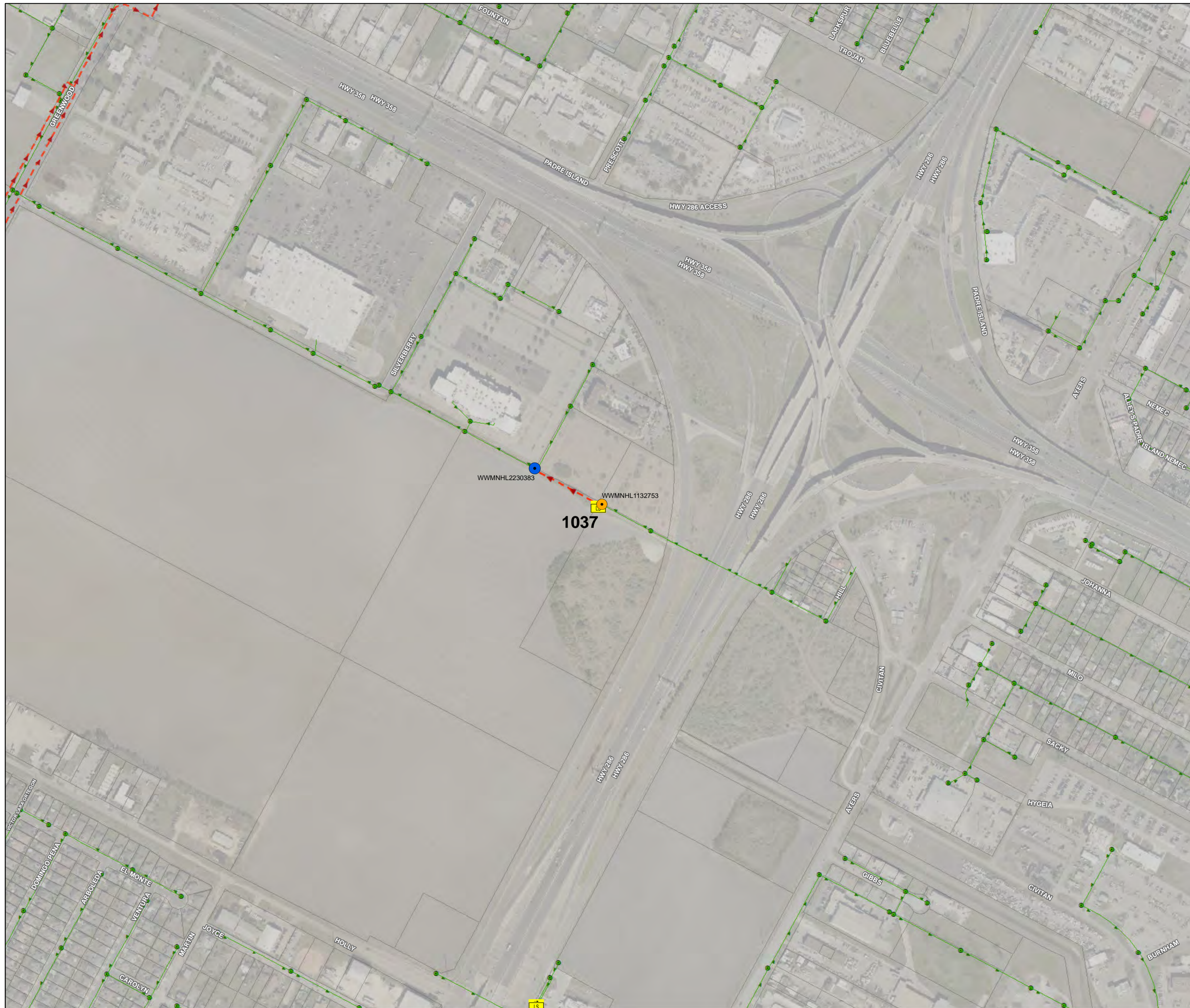
1. Can be diverted to Broadway and Oso WWTP.
2. In normal conditions pumps to Port/Pierce L.S.



WW-LS1036

LIFT STATION RESPONSE PLAN
LS NAME: Arcadia LS ID: 1036 LS#: 22





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

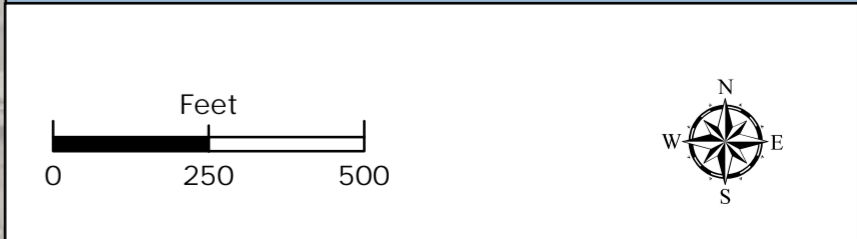
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1132753

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	1
DISCHARGE MANHOLE MAXIMO ID	WWMNHL2230383

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

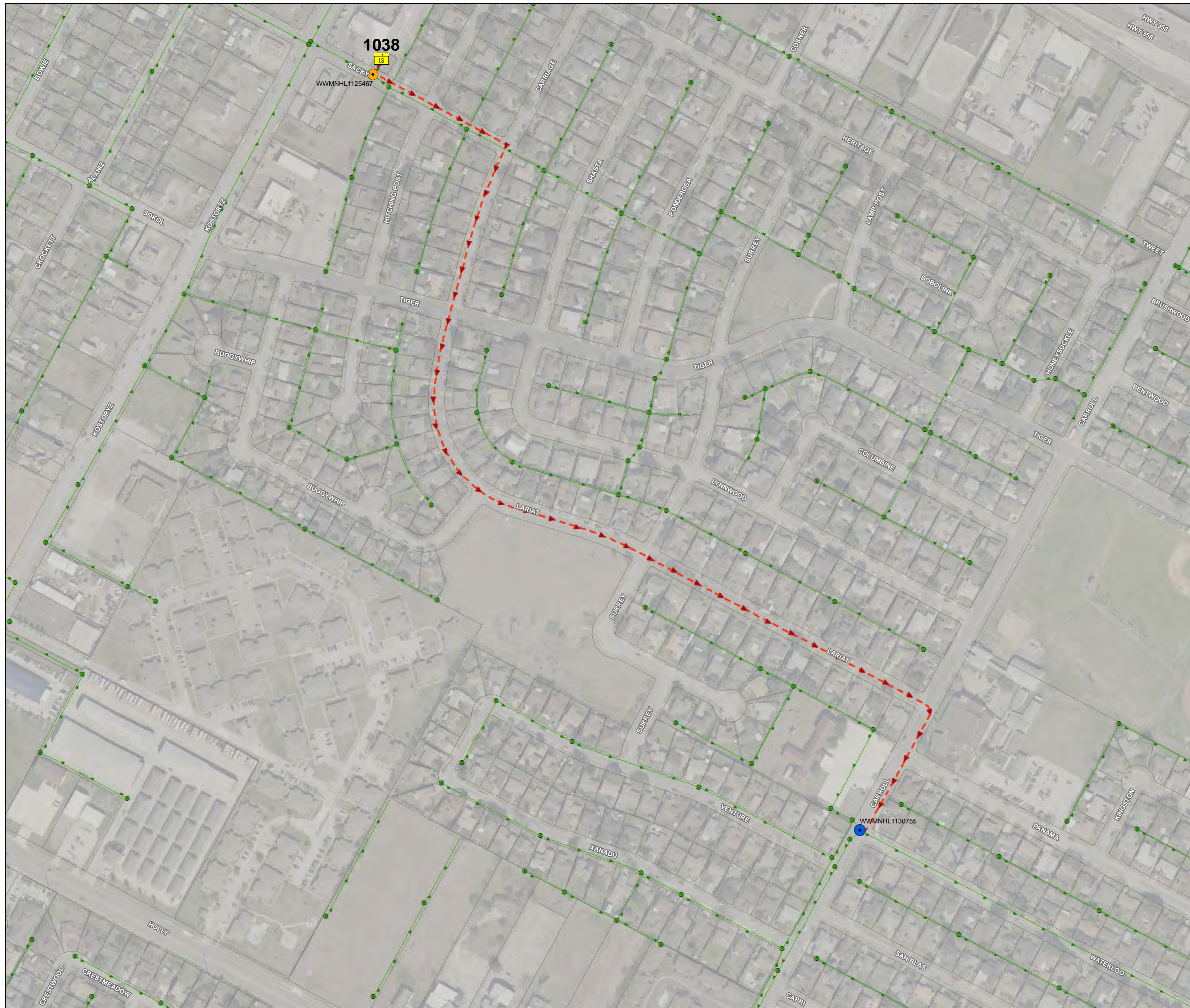
Suction flow from inlet manhole and decant at discharge manhole



WW-LS1037

LIFT STATION RESPONSE PLAN
 LS NAME: Lexington LS ID: 1037 LS#: 25





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	25
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

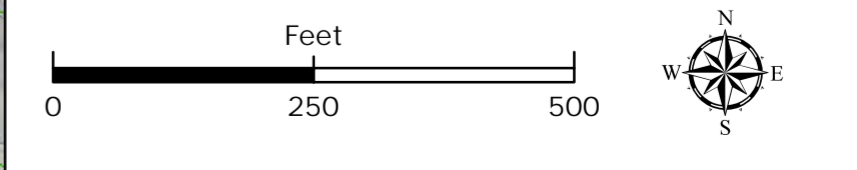
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1125467

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1130755

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

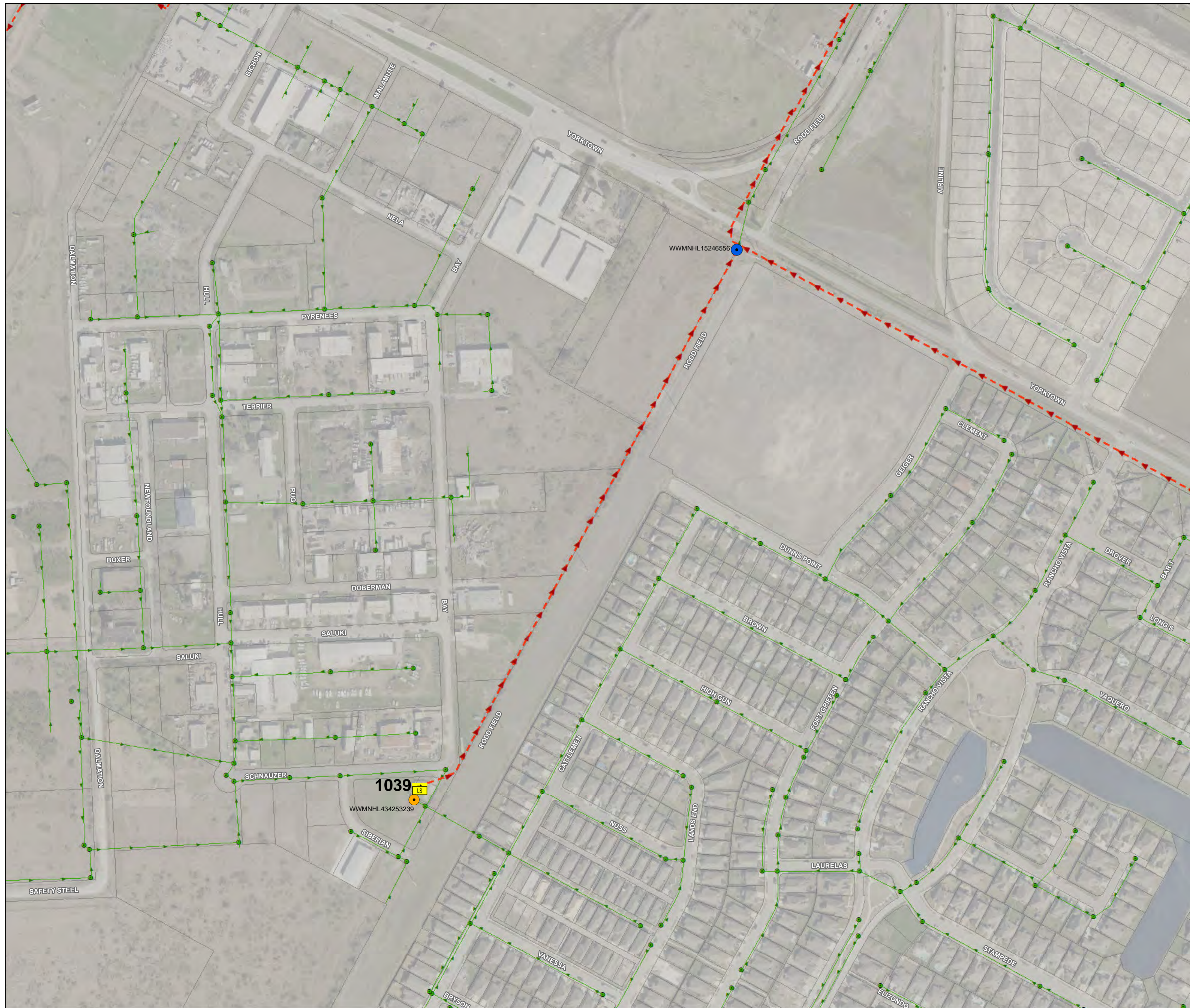
Discharge to Kostoryz L.S.



WW-LS1038

LIFT STATION RESPONSE PLAN
 LS NAME: Sacky LS ID: 1038 LS #: 27





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	10
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

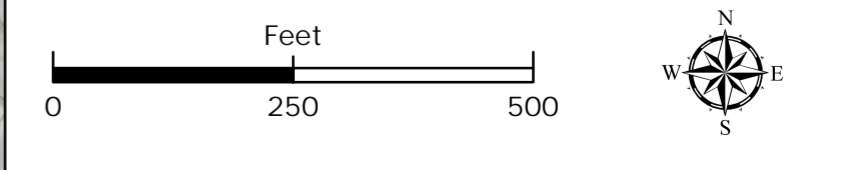
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	14.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL434253239

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL15246556

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

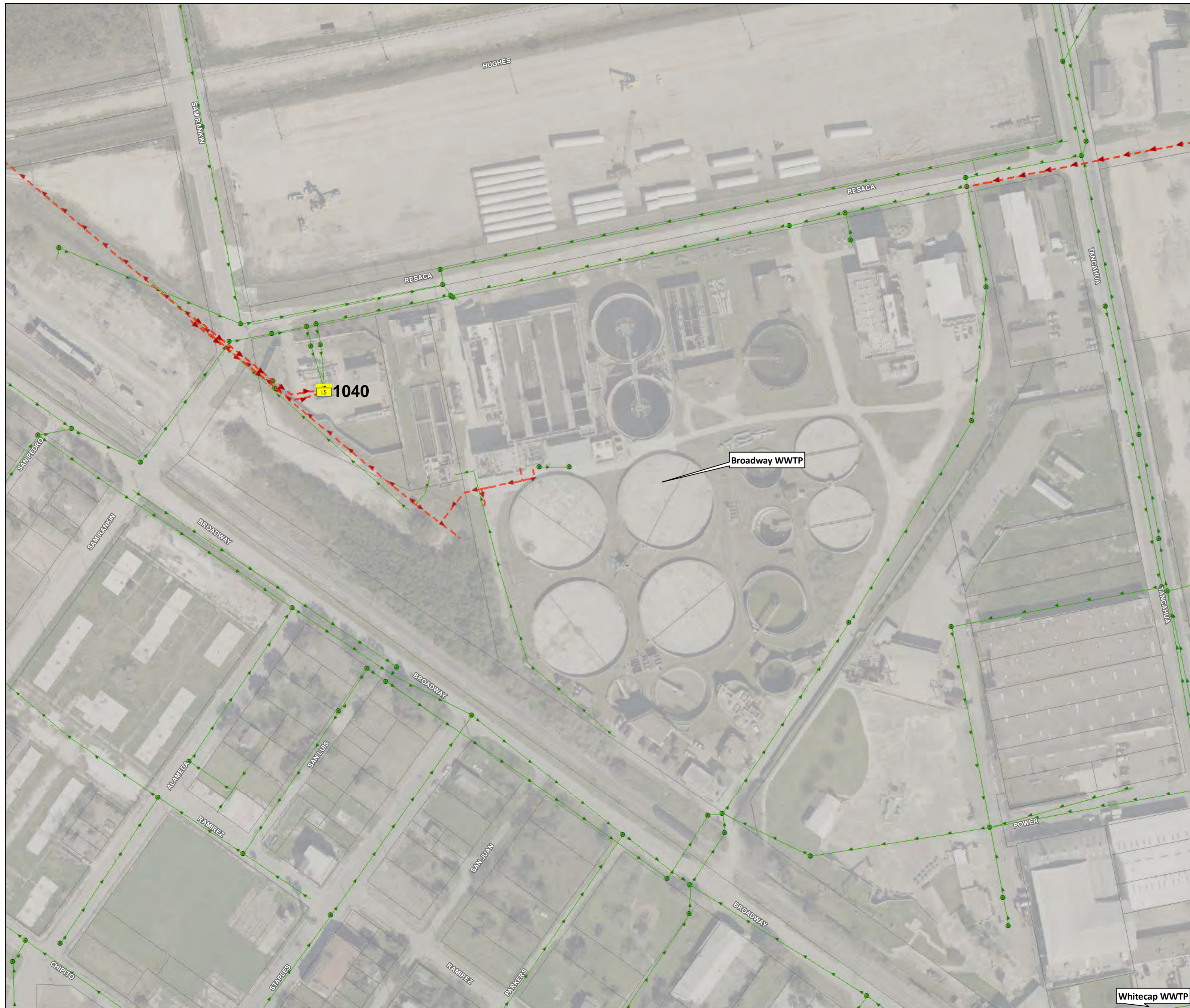
Suction flow from wetwell and decant into discharge manhole.



WW-LS1039

LIFT STATION RESPONSE PLAN
 LS NAME: Bay Drive LS ID: 1039 LS#: 46





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	215
NUMBER OF PUMPS	6
ALTERNATE SERVICE?	YES
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	YES

WW-LS1040

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

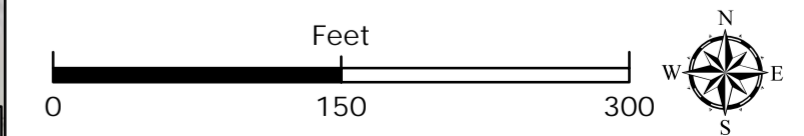
VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	BROADWAY WWTP

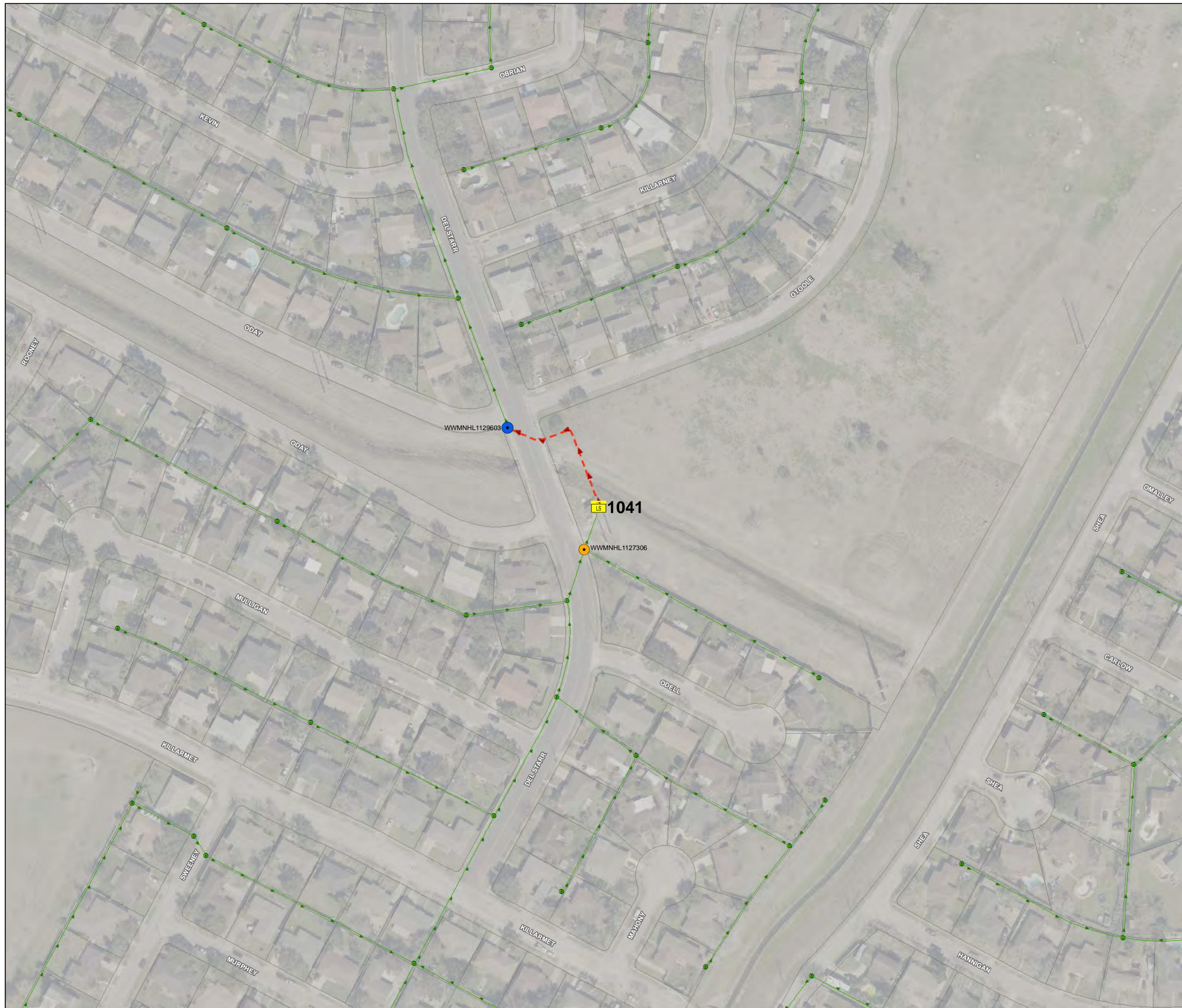
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Flows suctioned from manhole will be decanted at the Broadway WWTP headworks.
2. Verify all redundant power supply transfers have occurred.
3. Permanent generators installed at Lift station.

LIFT STATION RESPONSE PLAN
 LS NAME: Resaca LS ID: 1040 LS#: 37





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1041

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.6 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1127306

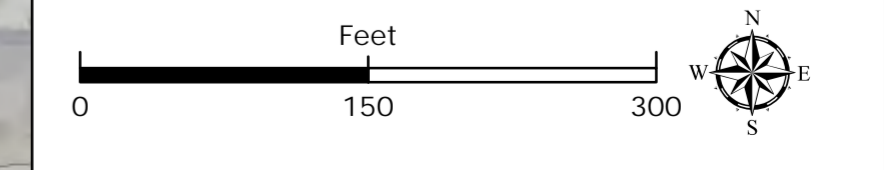
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129603

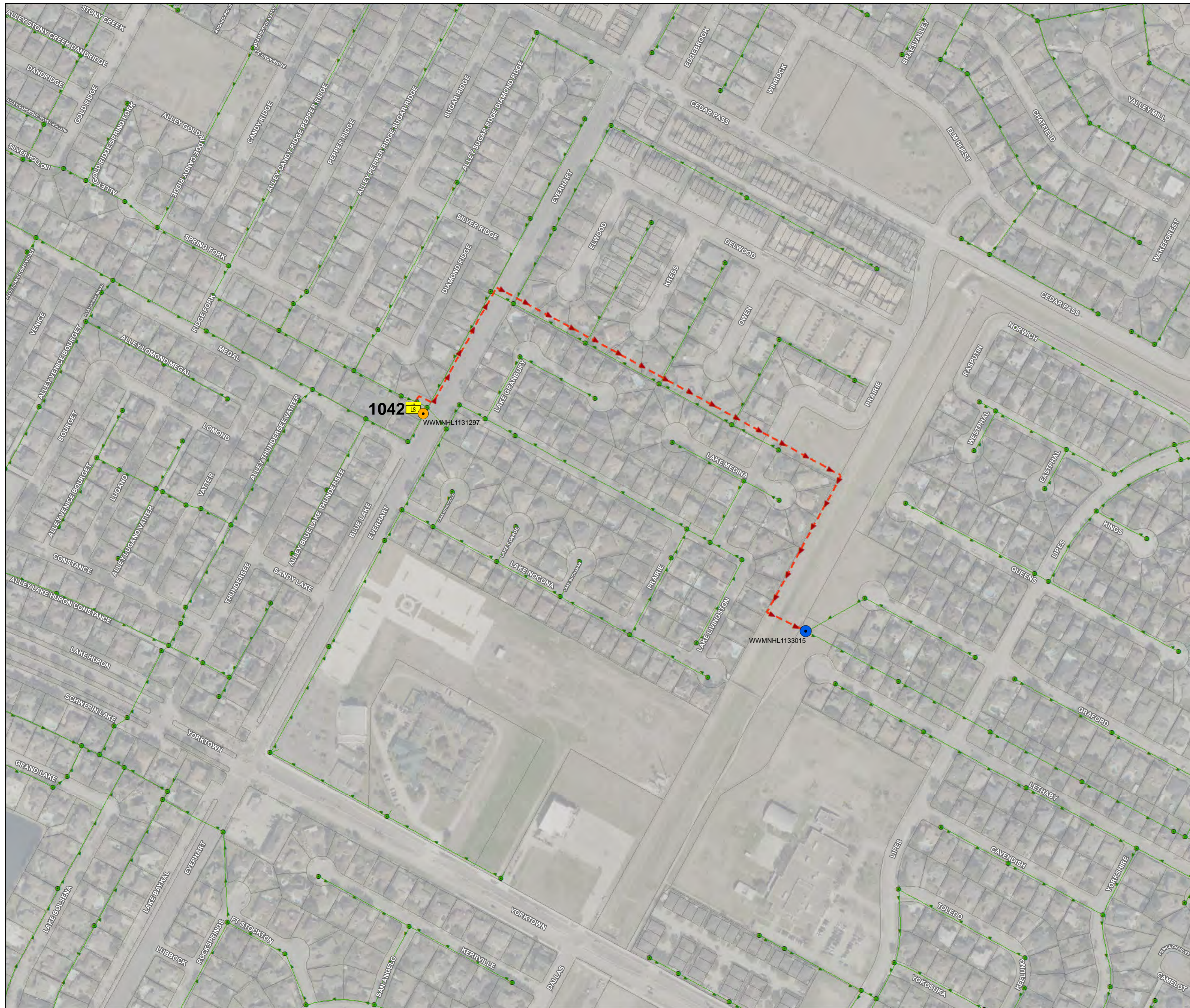
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Schanen LS ID: 1041 LS#: 52





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

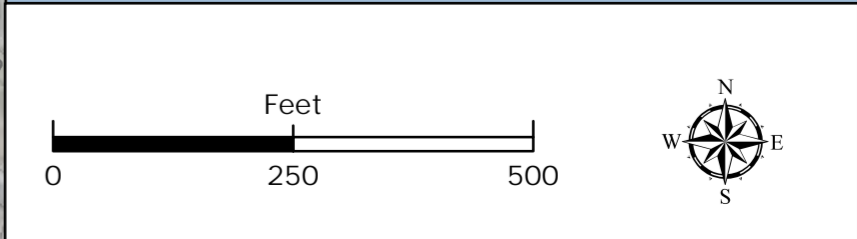
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.85 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1133748 WWMNHL1131297

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1133015

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1042

LIFT STATION RESPONSE PLAN
 LS NAME: The Lakes LS ID: 1042 LS#: 55





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	11 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL289555907

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1131690

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

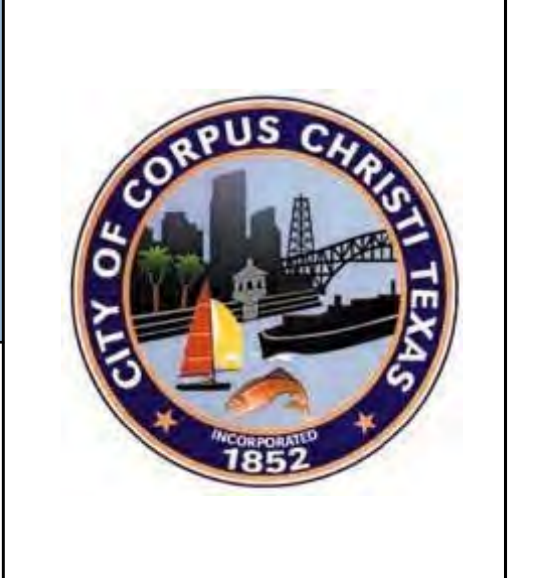
Suction flow from wetwell and decant into discharge manhole.

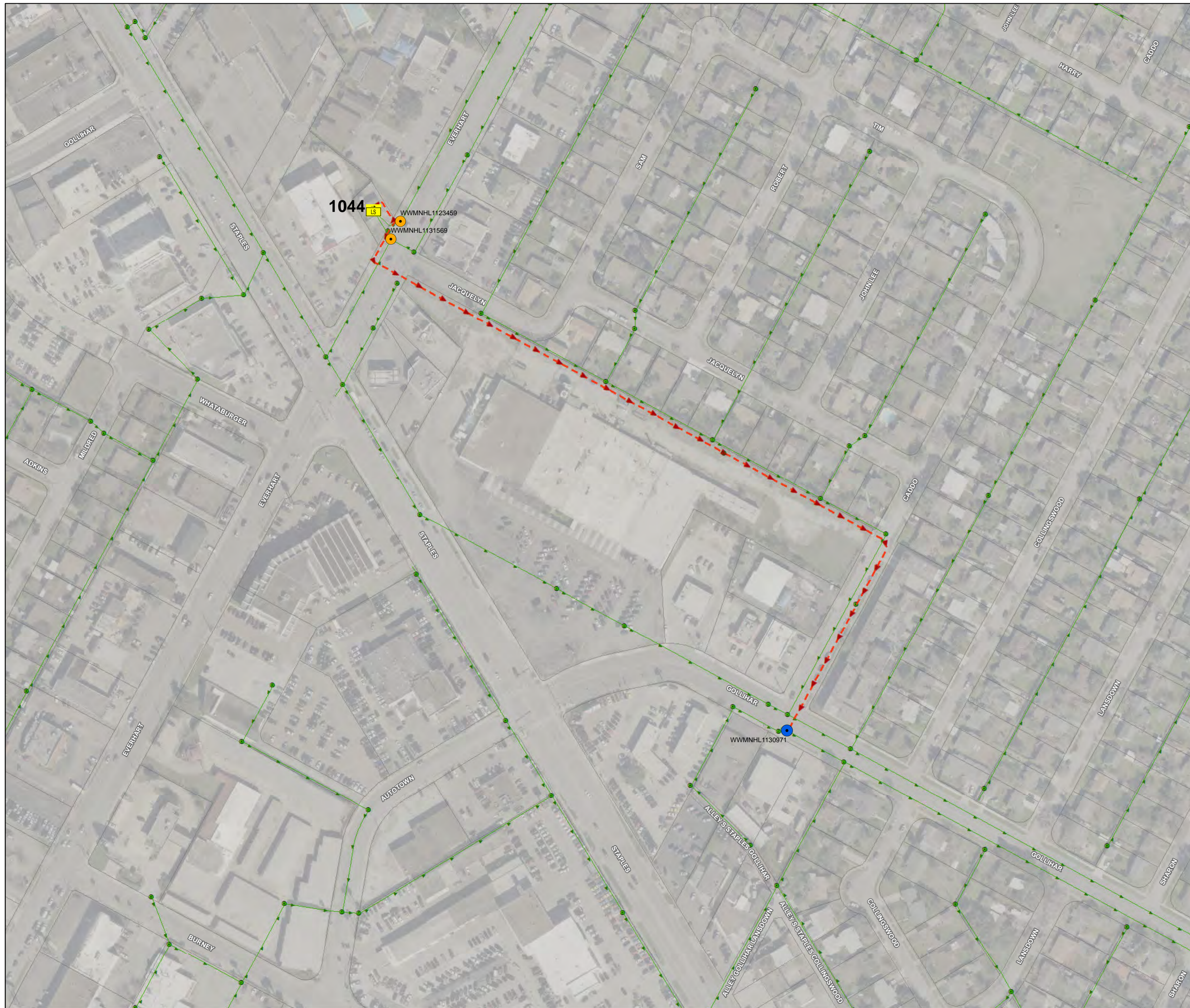
Scale: 0 250 500 Feet

WW-LS1043

LIFT STATION RESPONSE PLAN

LS NAME: Wooldridge II LS ID: 1043 LS#: 48





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	1-25 HP, 2-150 HP
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1044

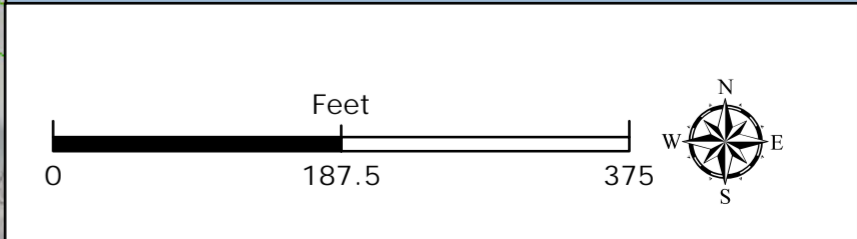
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.35 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131569 WWMNHL1123459

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1130971

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

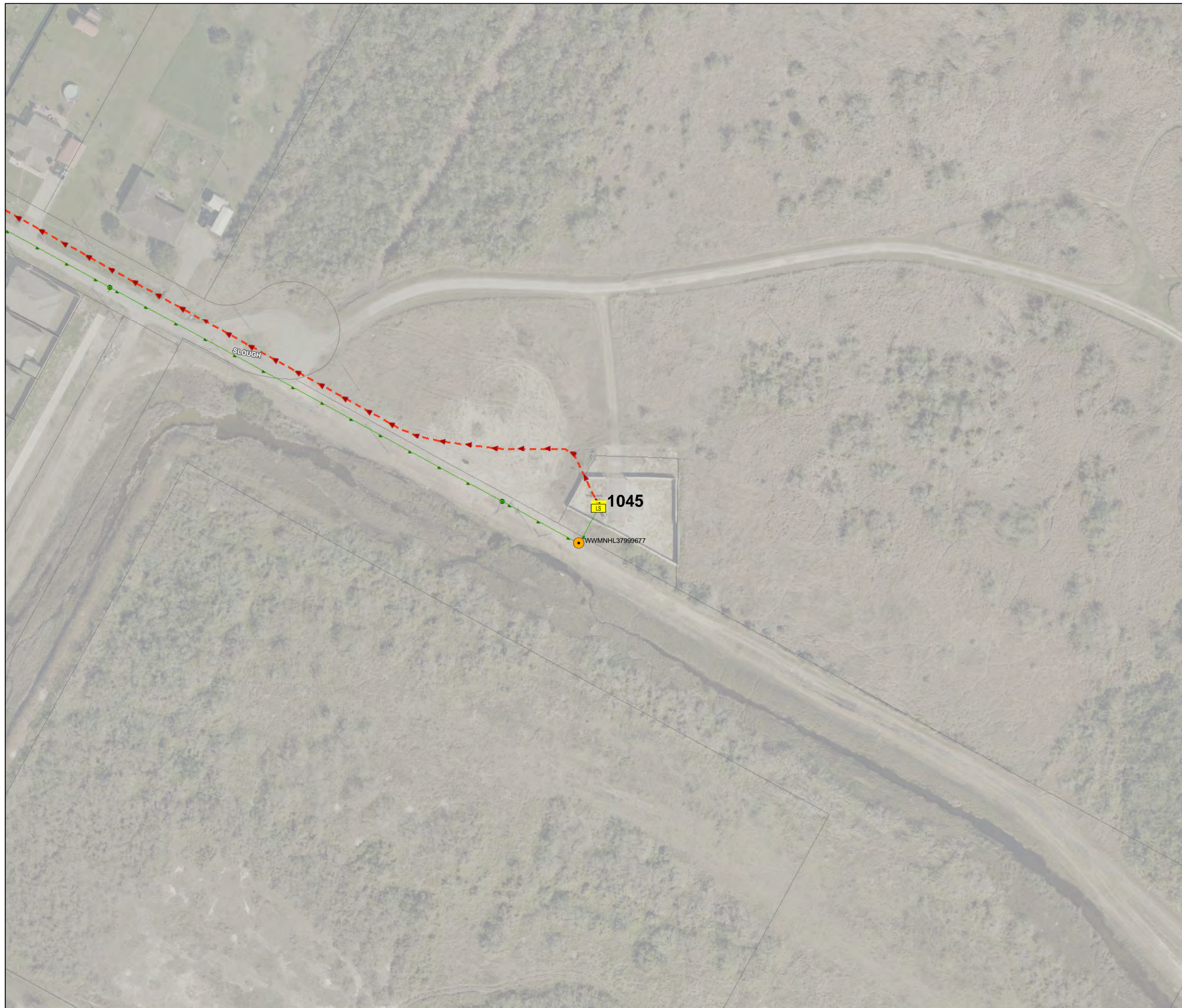
NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
LS NAME: Everhart/Staples LS ID: 1044 LS#: 49





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1045

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL37999677

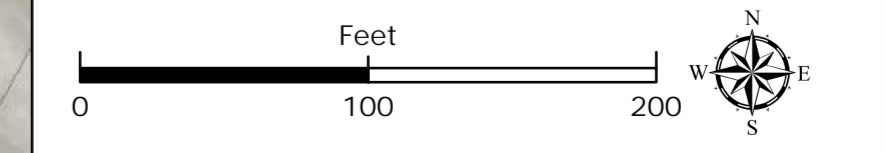
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL15373420

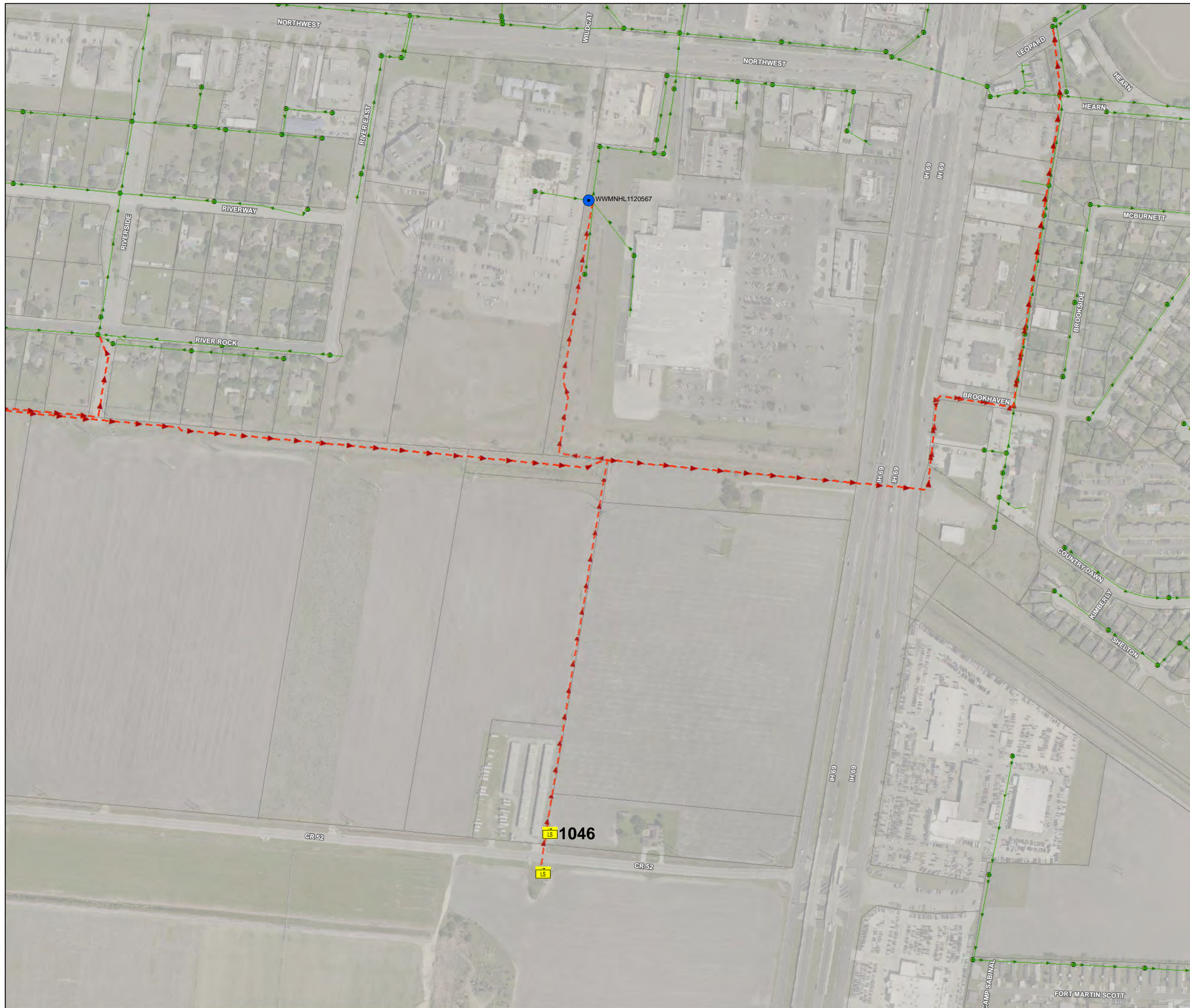
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Slough LS ID: 1045 LS#: 51





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120567

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

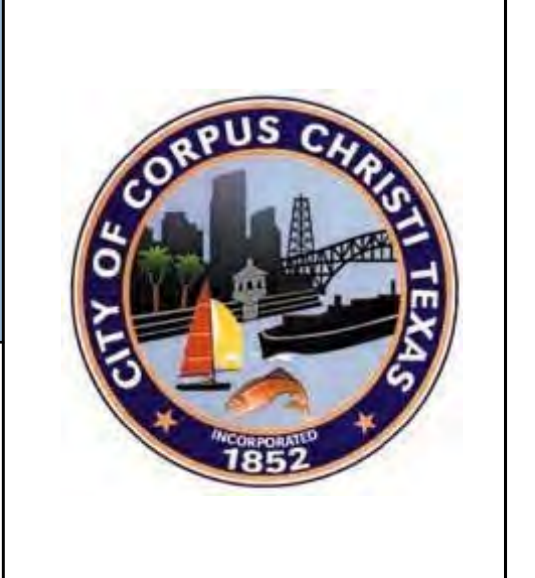
NOTES

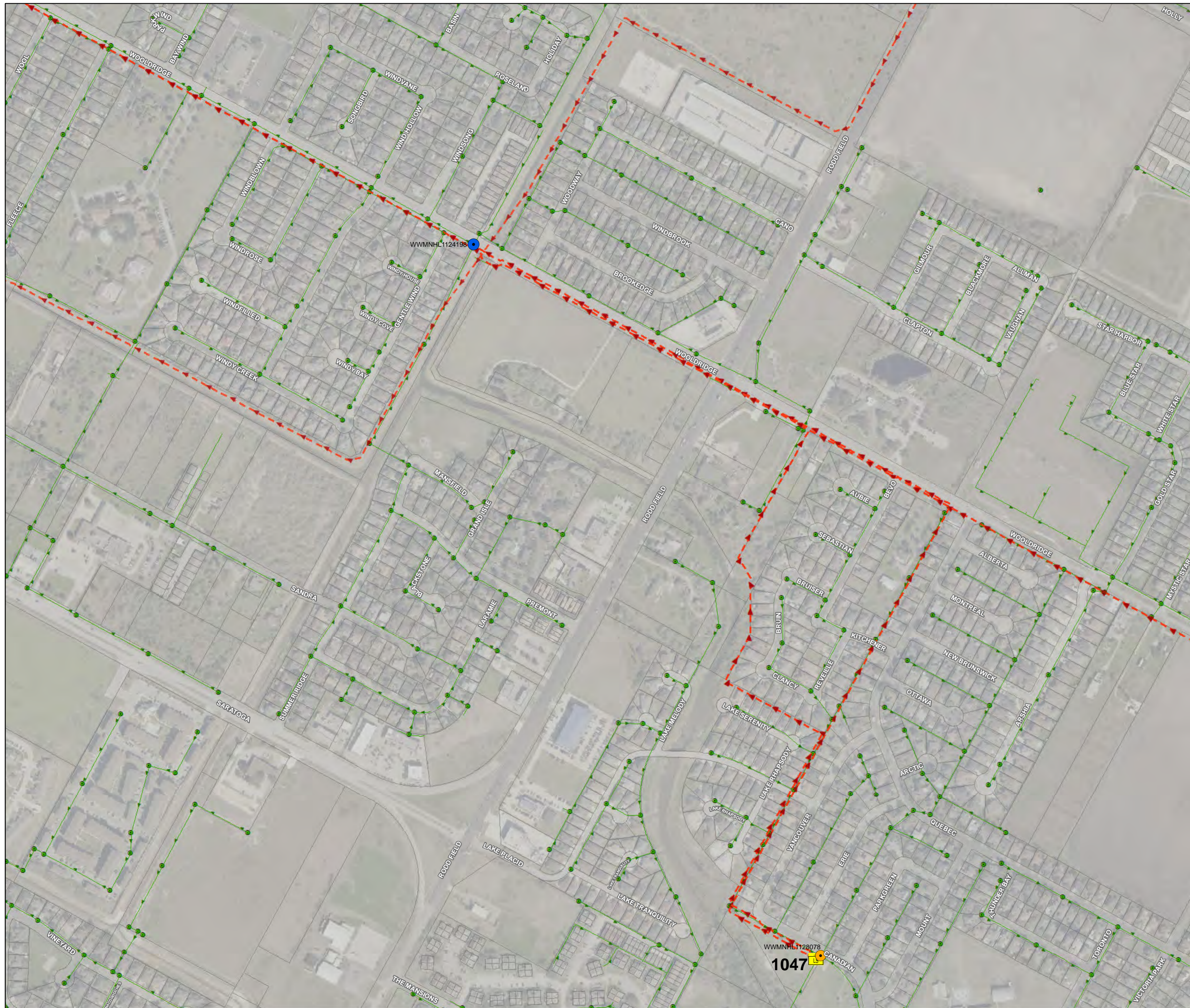
Suction flow from wetwell and decant at manhole on North West Blvd.

0 250 500 Feet

WW-LS1046

LIFT STATION RESPONSE PLAN
 LS NAME: Highway 77 LS ID: 1046 LS#: 7





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	30
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

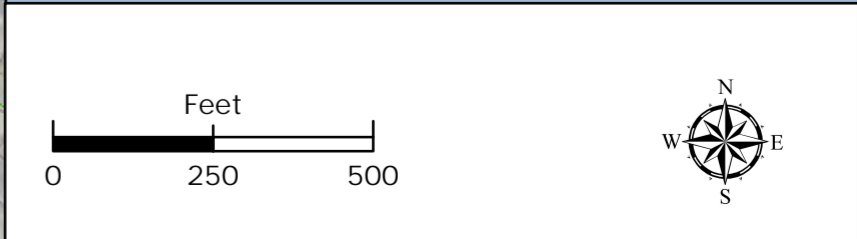
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1128078 WWMNHL1130933

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1124198

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

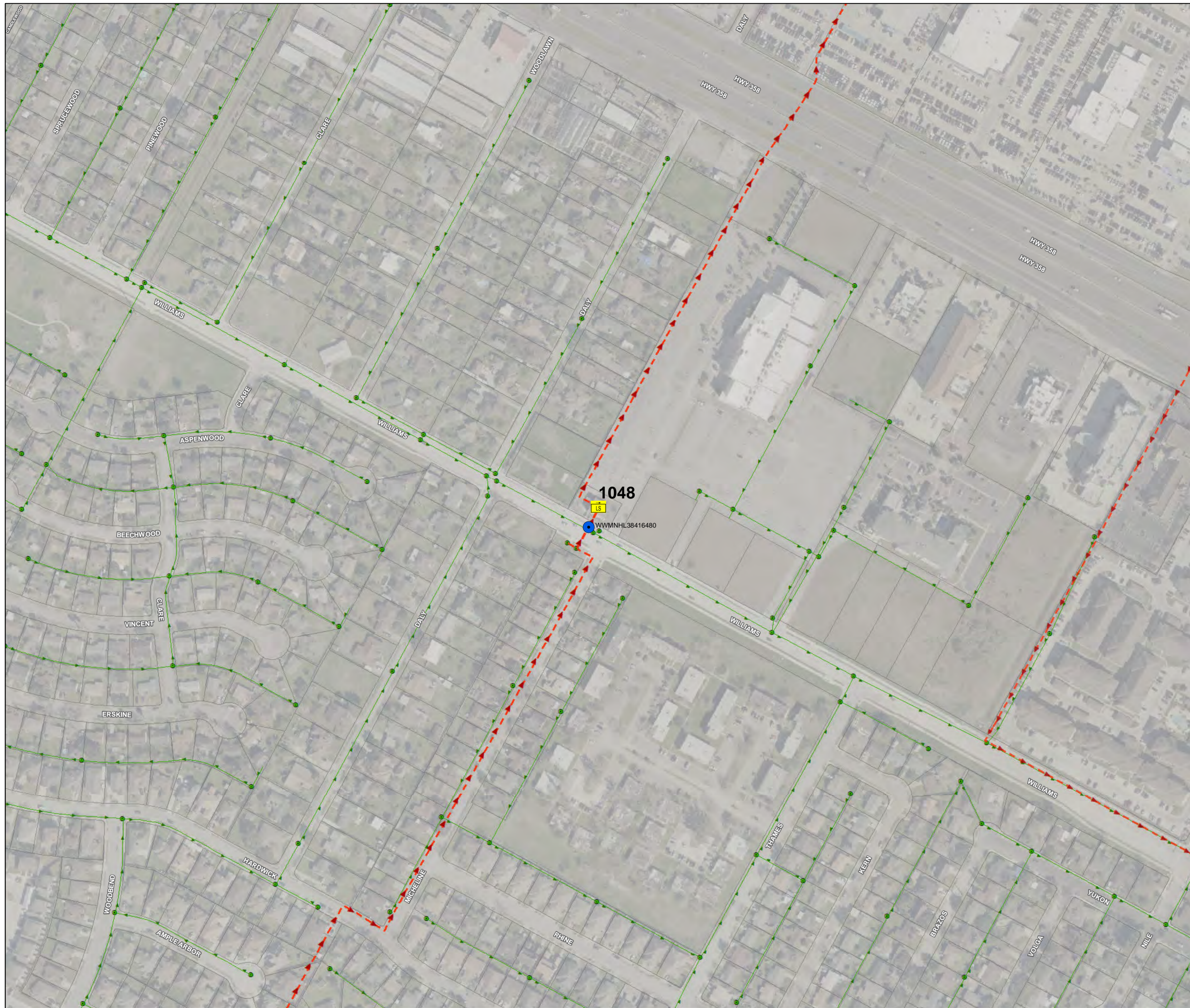
Discharge to Woolldridge L.S.



WW-LS1047

LIFT STATION RESPONSE PLAN
 LS NAME: Greenfields By The Bay LS ID: 1047 LS#: 68





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	1-60 HP, 4-500 HP
NUMBER OF PUMPS	5
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

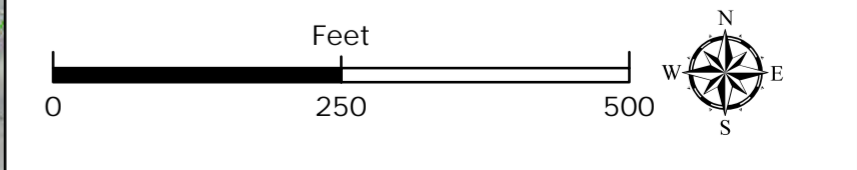
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL38416480

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

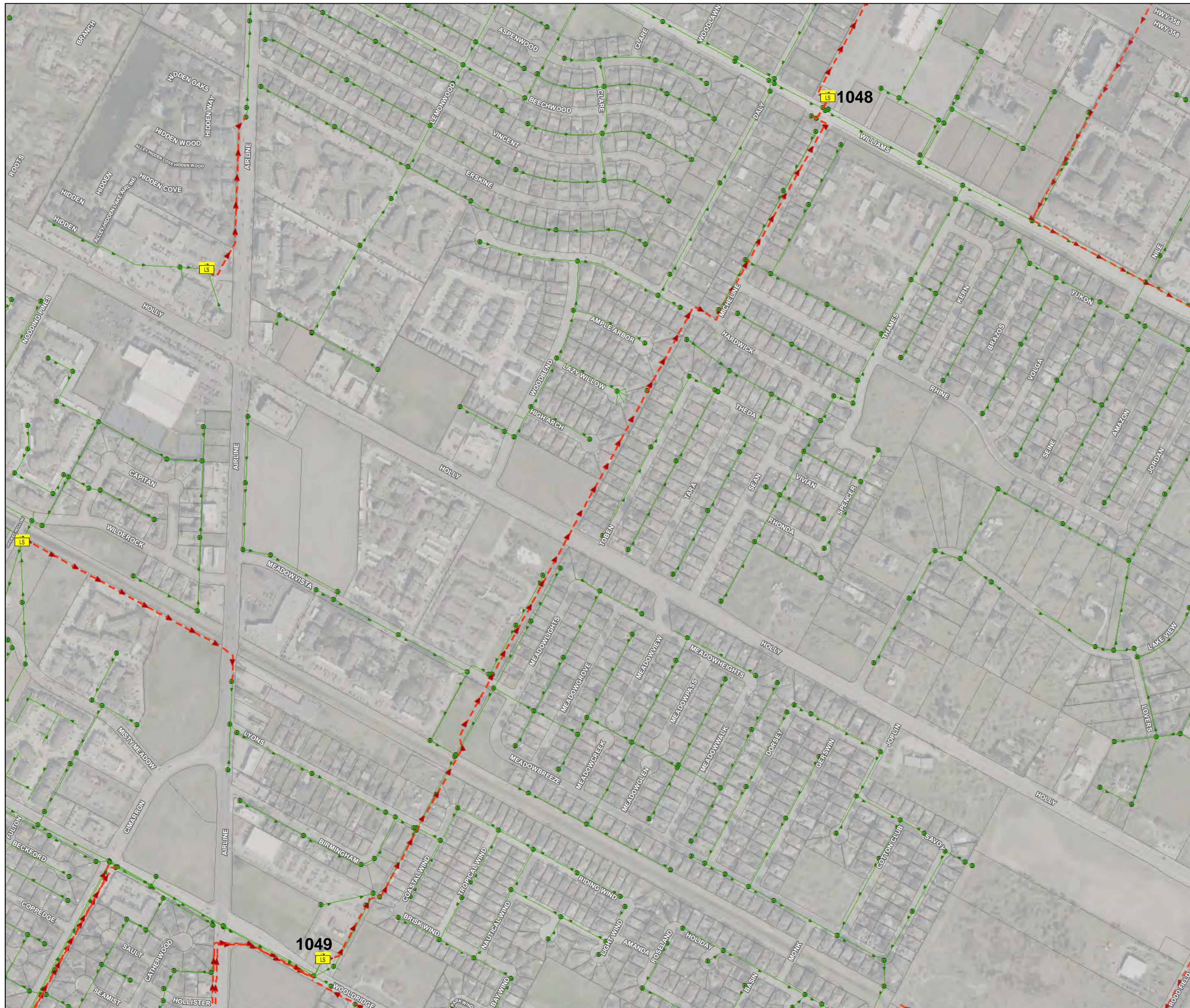
Bypasses itself into Oso WWTP.



WW-LS1048

LIFT STATION RESPONSE PLAN
 LS NAME: Williams LS ID: 1048 LS#: 62





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	1-75 HP, 3-250 HP
NUMBER OF PUMPS	4
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	YES

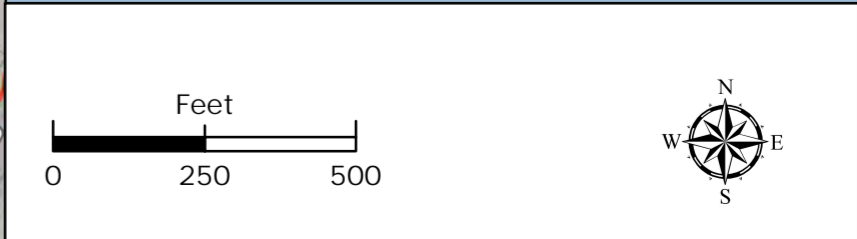
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131690

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1048

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

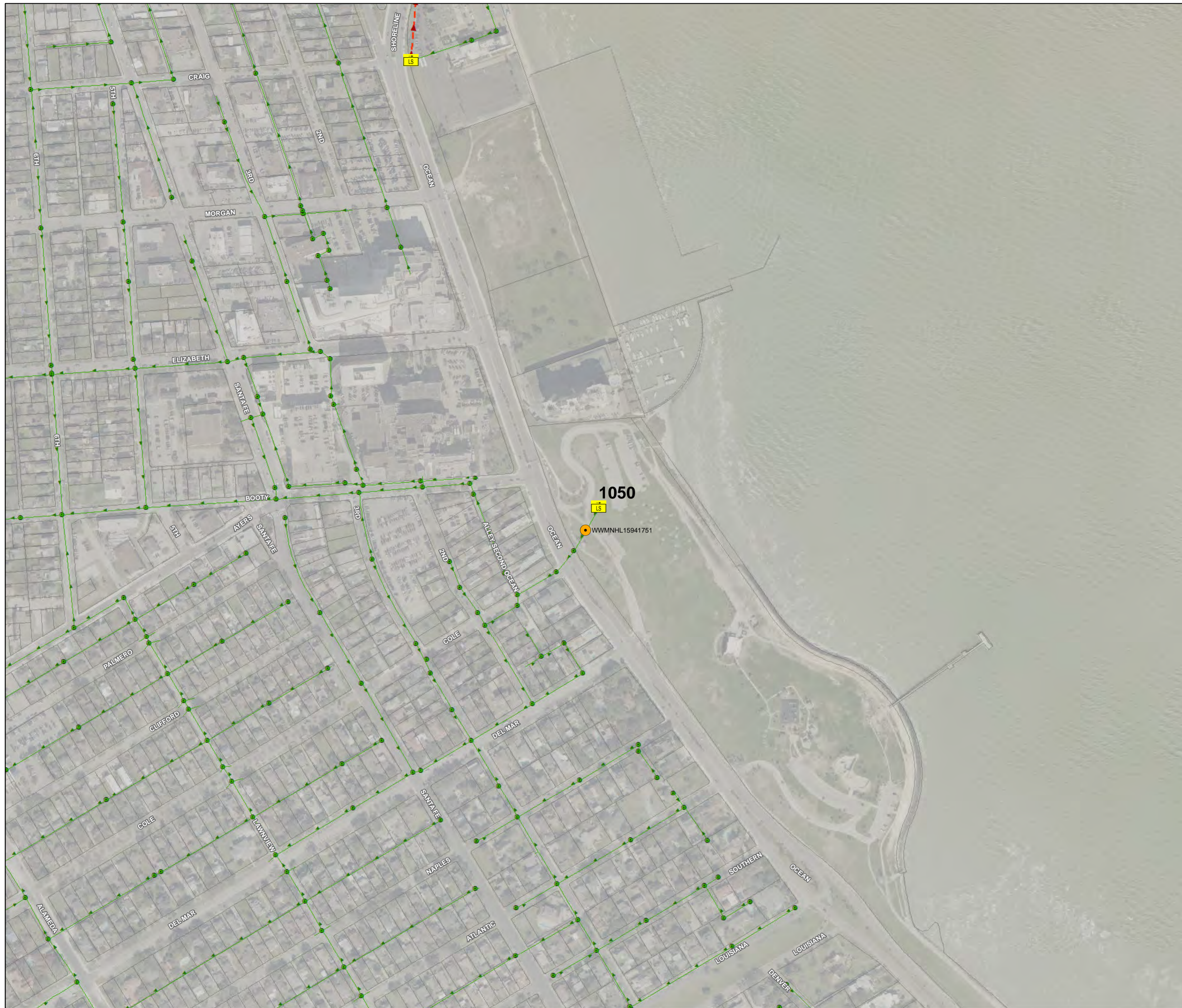
Permanent bypass pump in place.



WW-LS1049

LIFT STATION RESPONSE PLAN
 LS NAME: Wooldridge LS ID: 1049 LS#: 61





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

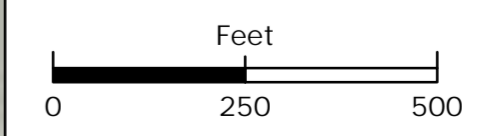
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL15941751

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

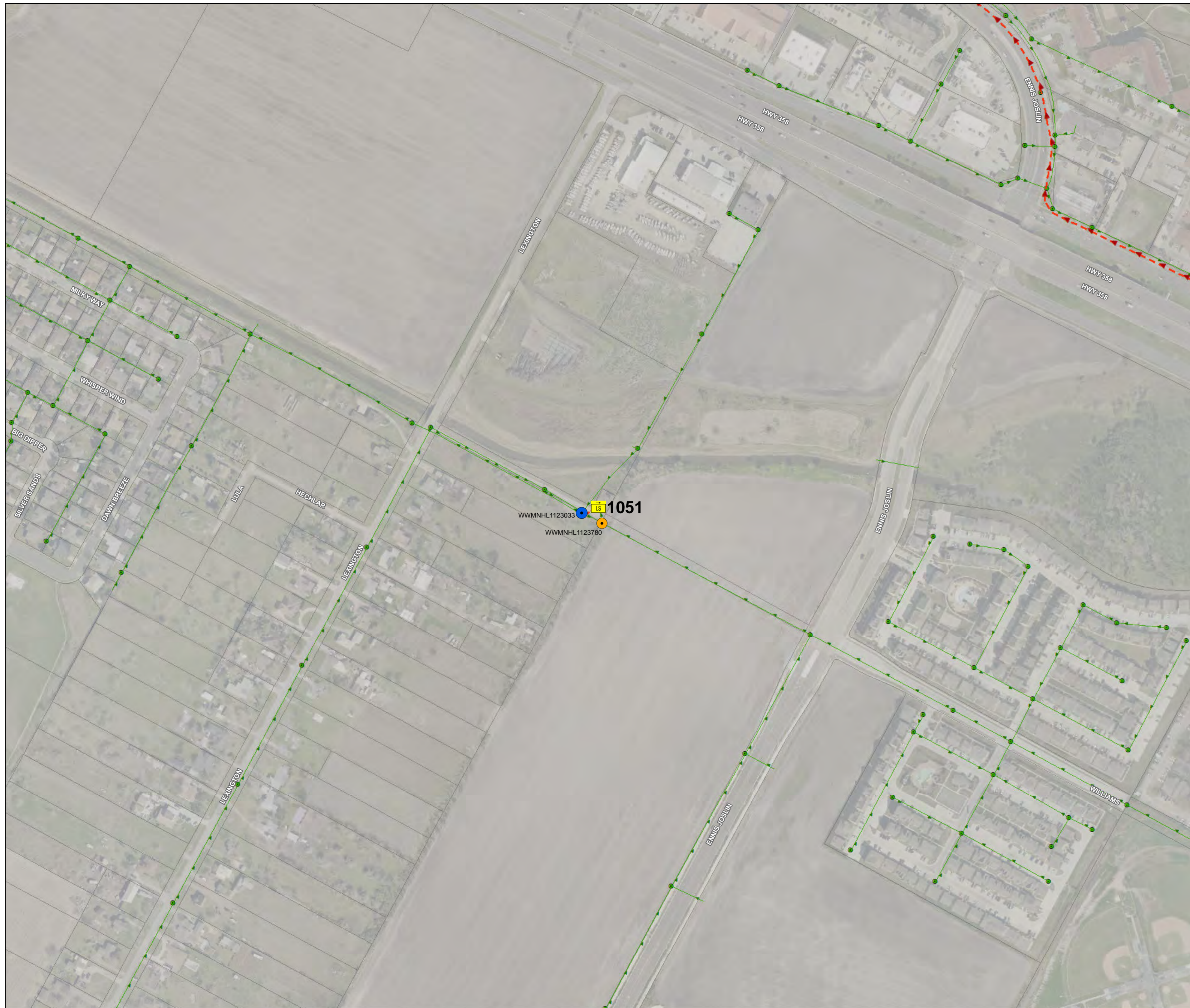
Suction flow from wetwell and decant into discharge manhole.



WW-LS1050

LIFT STATION RESPONSE PLAN
 LS NAME: Cole Park LS ID: 1050 LS#: 45





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

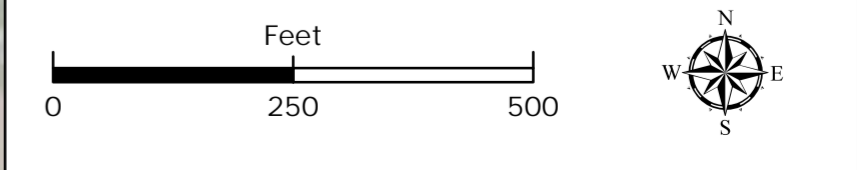
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123780

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1123033

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1051

LIFT STATION RESPONSE PLAN
 LS NAME: Perry Place LS ID: 1051 LS#: 67





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	45
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

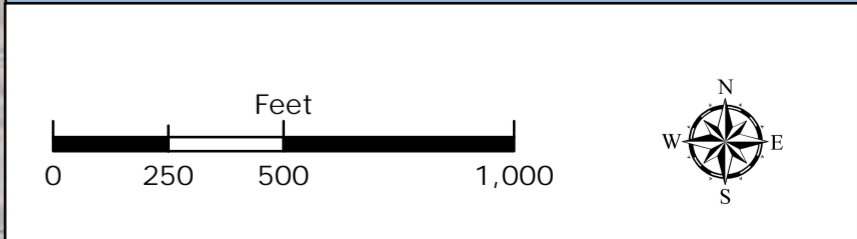
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.7 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1132896 WWMNHL1134082

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1121044

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

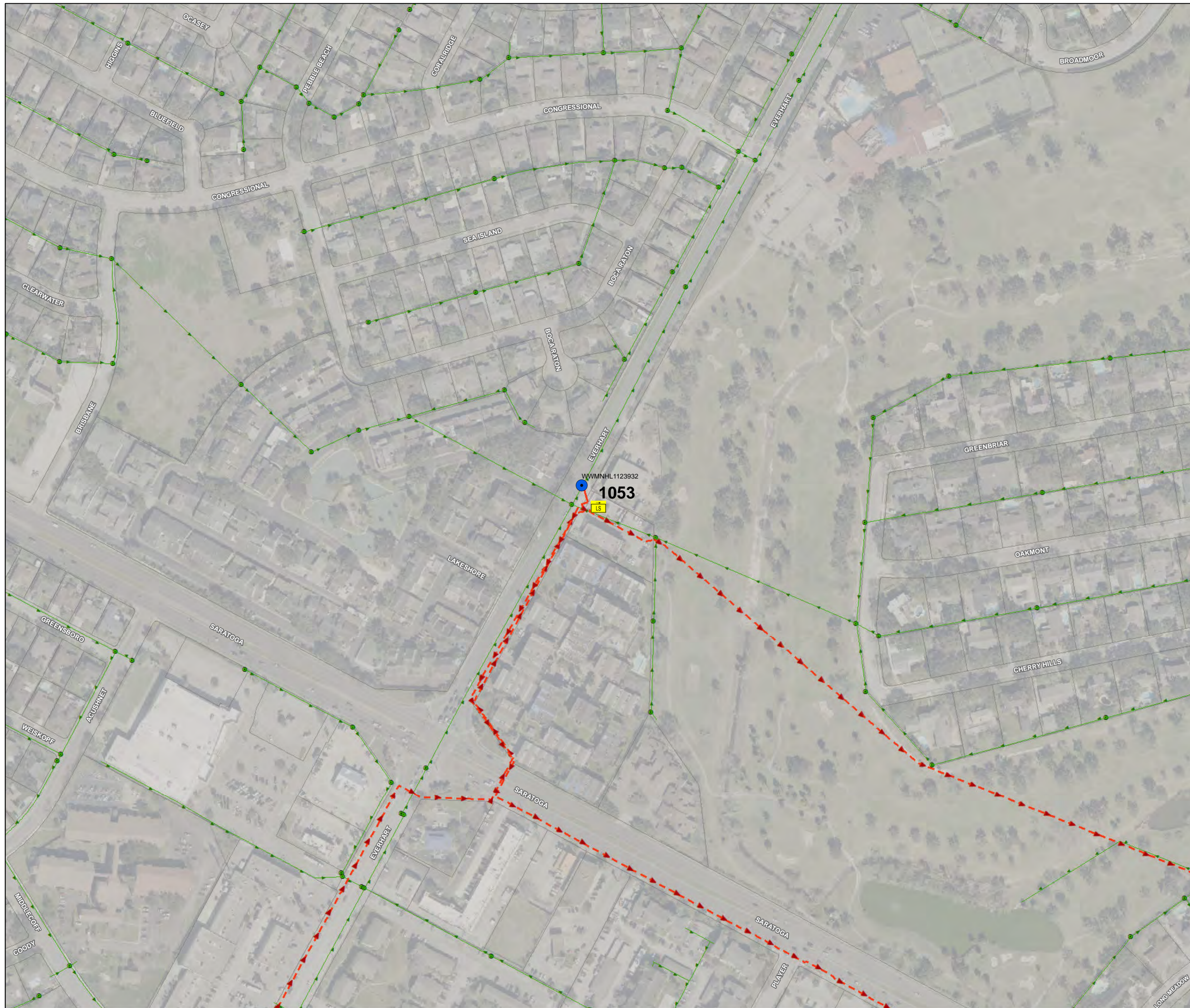
- Suction flow from wetwell and decant into discharge manhole.
- Under normal operation discharges into Wooldrige L.S.



WW-LS1052

LIFT STATION RESPONSE PLAN
 LS NAME: Station #5 LS ID: 1052 LS#: 56





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	75
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

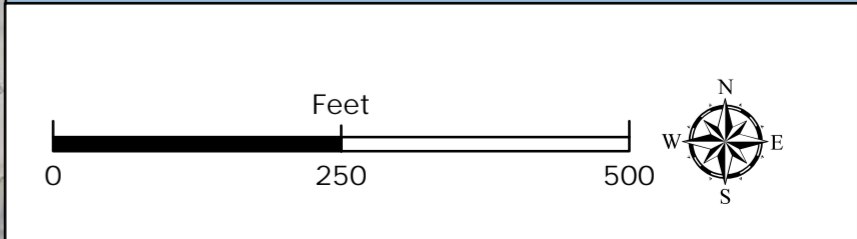
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.15 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1123932

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Verify Generator is started and transfer load.



WW-LS1053

LIFT STATION RESPONSE PLAN

LS NAME: Country Club Estates LS ID: 1053 LS#: 54





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1054

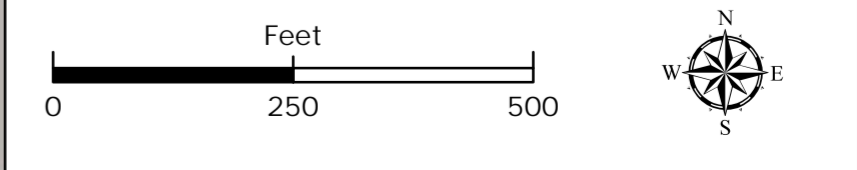
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.85 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1134896

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132954

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

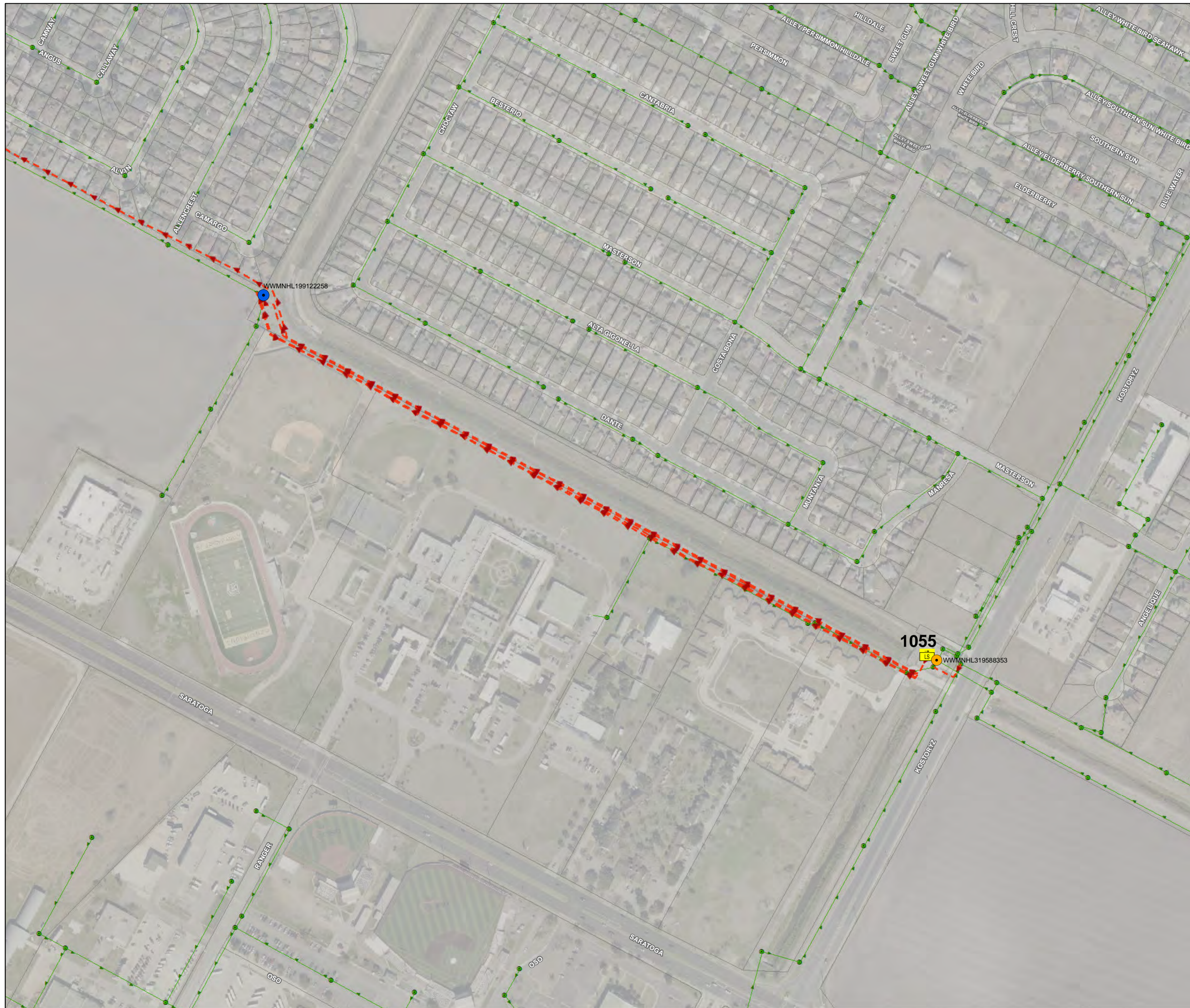
NOTES

1. Permanent generator on site.
2. Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Buckingham LS ID: 1054 LS#: 57





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	35
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

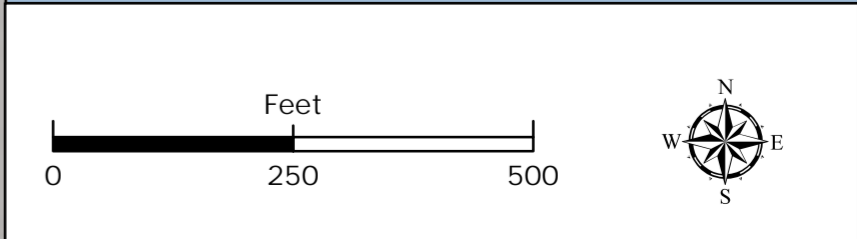
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL319588353

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL199122258

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Permanent generator on site.
 2. Verify Generator is started and transfer load.



WW-LS1055

LIFT STATION RESPONSE PLAN
 LS NAME: Kostoryz LS ID: 1055 LS#: 28





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1056

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1130506

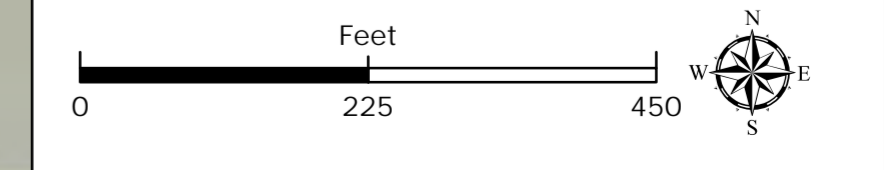
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1130513

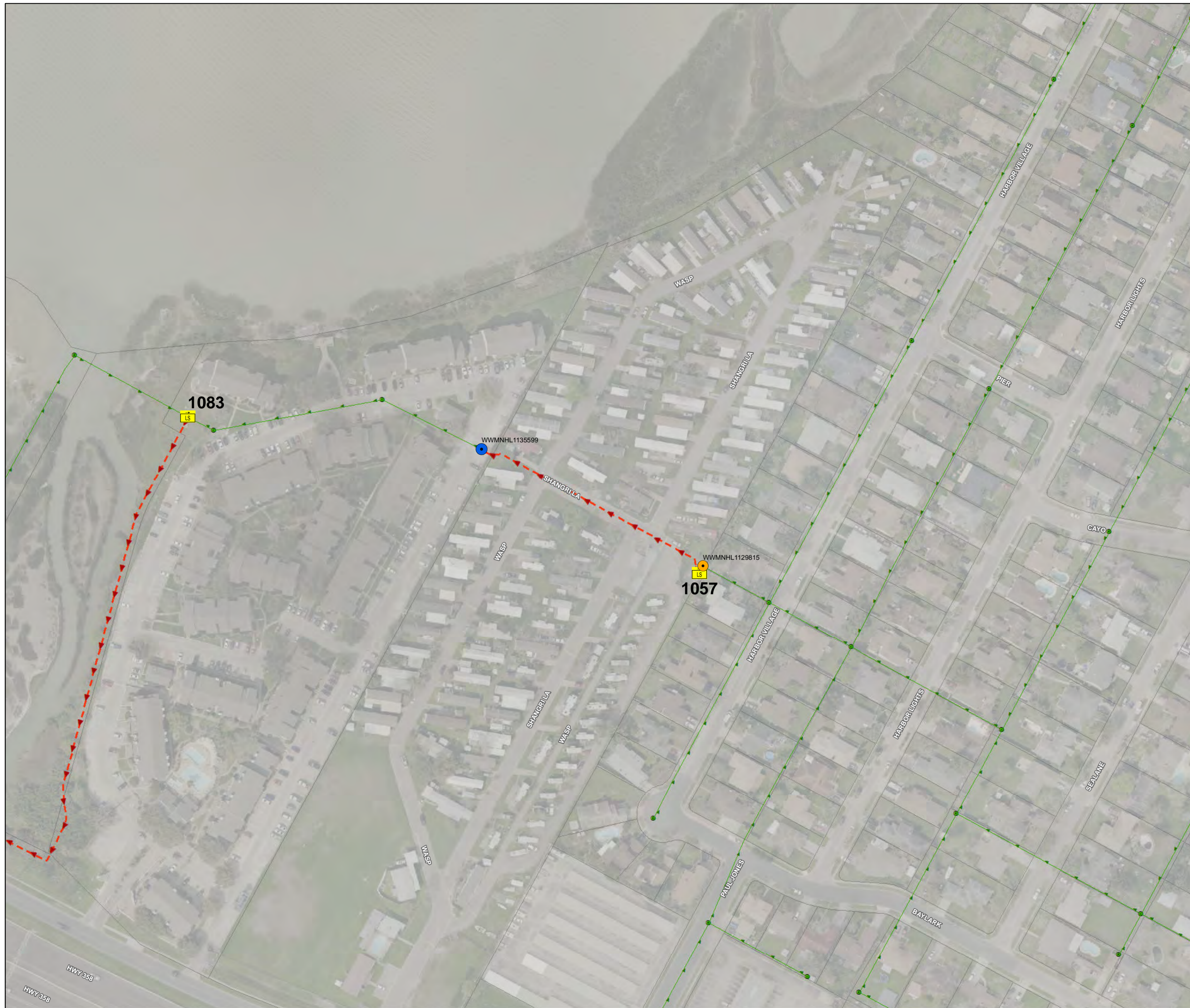
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant at Oso WWTP.

LIFT STATION RESPONSE PLAN
 LS NAME: Pelican Bay LS ID: 1056 LS#: 66





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1057

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1129815

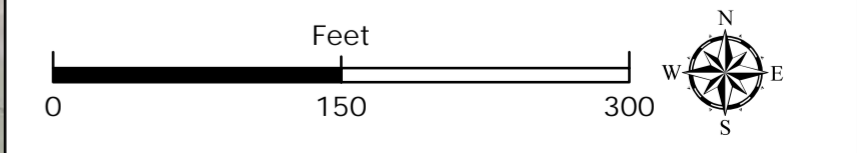
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1135599

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and discharge into Sugar Tree L.S.

LIFT STATION RESPONSE PLAN
 LS NAME: Anchor Harbor LS ID: 1057 LS#: 70





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

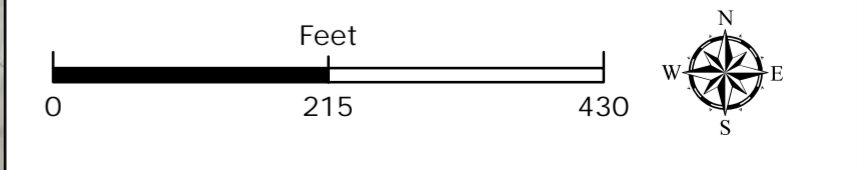
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	18.45 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL18747181

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1131839

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1058

LIFT STATION RESPONSE PLAN
 LS NAME: Walmart LS ID: 1058 LS#: 73





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.35 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123725 WWMNHL1132461

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WW-LS1060

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

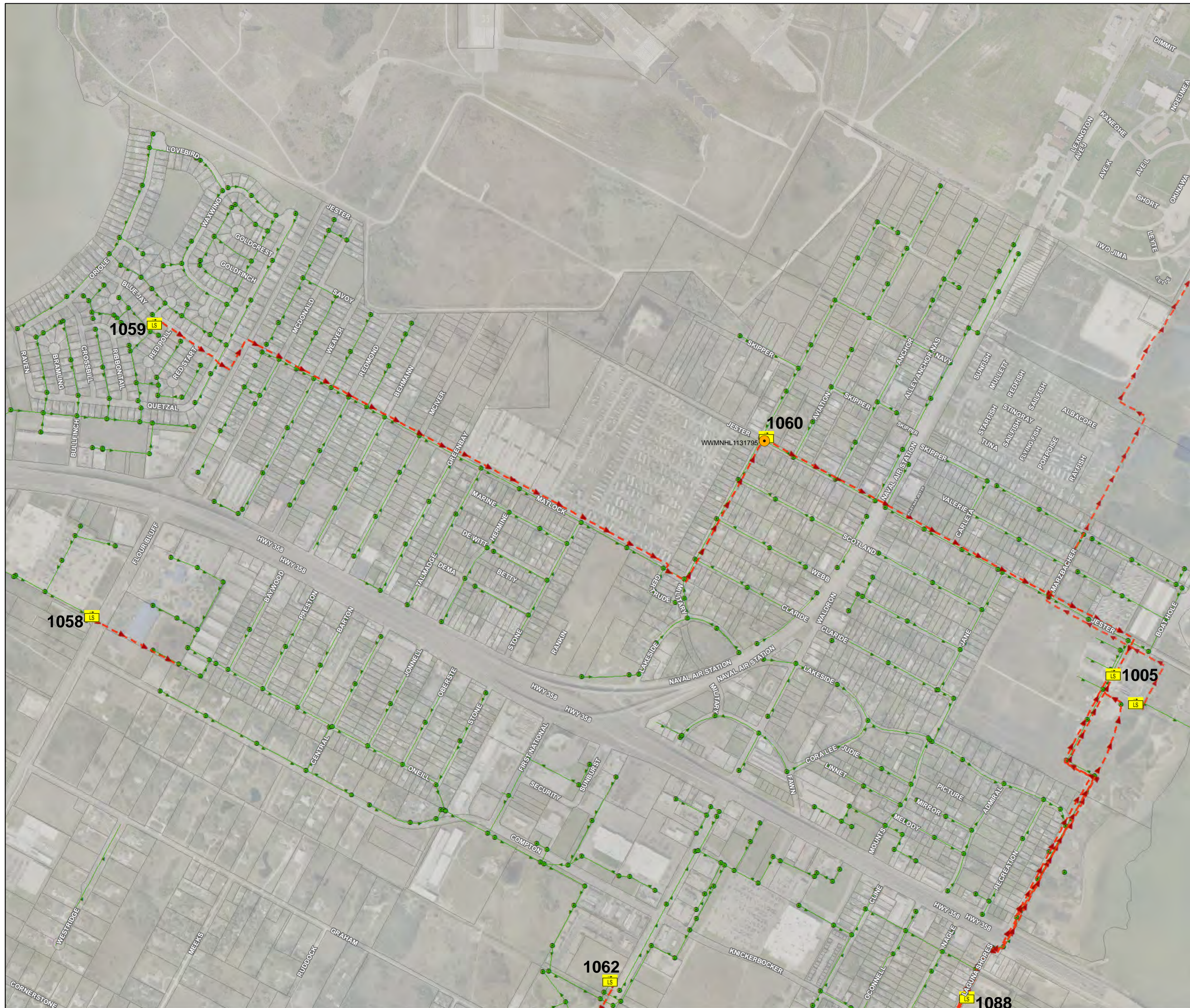
Suction flow from inlet manhole and decant at Military/Jester L.S.



WW-LS1059

LIFT STATION RESPONSE PLAN
 LS NAME: Turtle Cove LS ID: 1059 LS#: 72





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	50
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

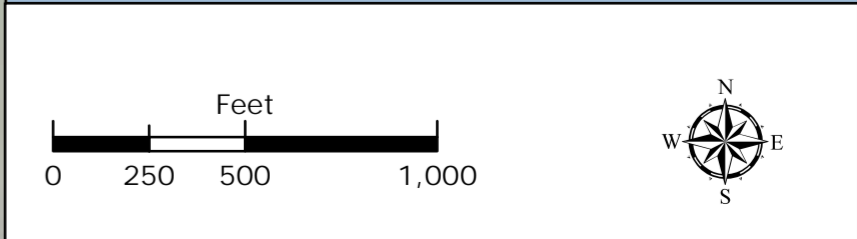
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131795

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWTP1005 WWLS1059

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

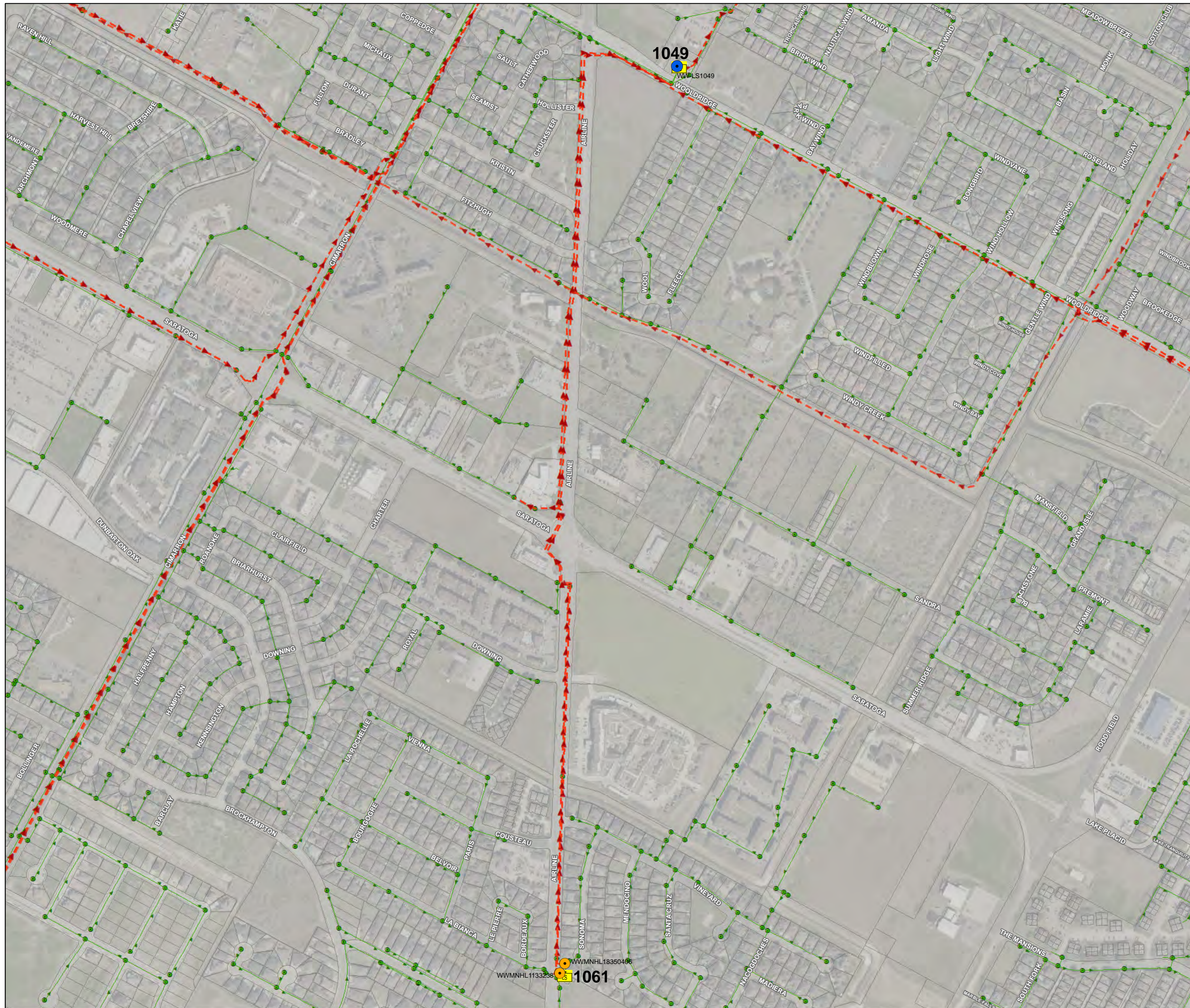
1. Reduce flow from Turtle Cove L.S. or turn off one pump.
2. or Suction flow from wetwell and decant at Laguna Madre WWTP.



WW-LS1060

LIFT STATION RESPONSE PLAN
 LS NAME: Military/Jester LS ID: 1060 LS#: 78





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	10.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL18350406 WWMNHL1133238

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WW-LS1049

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Discharge to Woodlodge L.S.



WW-LS1061

LIFT STATION RESPONSE PLAN
LS NAME: Airline LS ID: 1061 LS#: 60





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	35
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

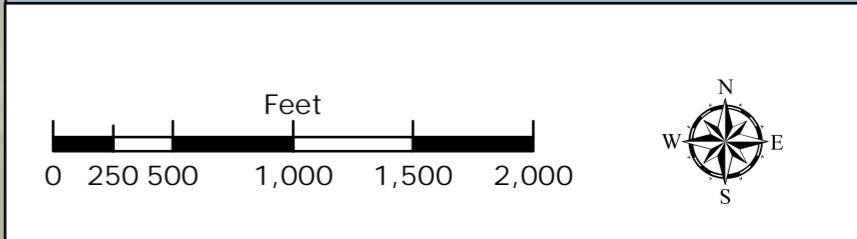
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL445863133

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1007

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant at Laguna Madre WWTP.



WW-LS1062

LIFT STATION RESPONSE PLAN
 LS NAME: Waldron Road LS ID: 1062 LS#: 76





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1063

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	3 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL14100473

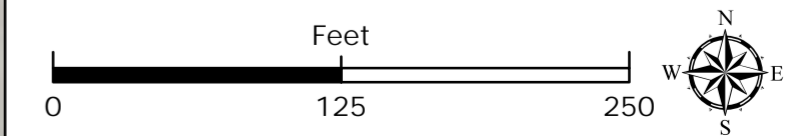
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129959

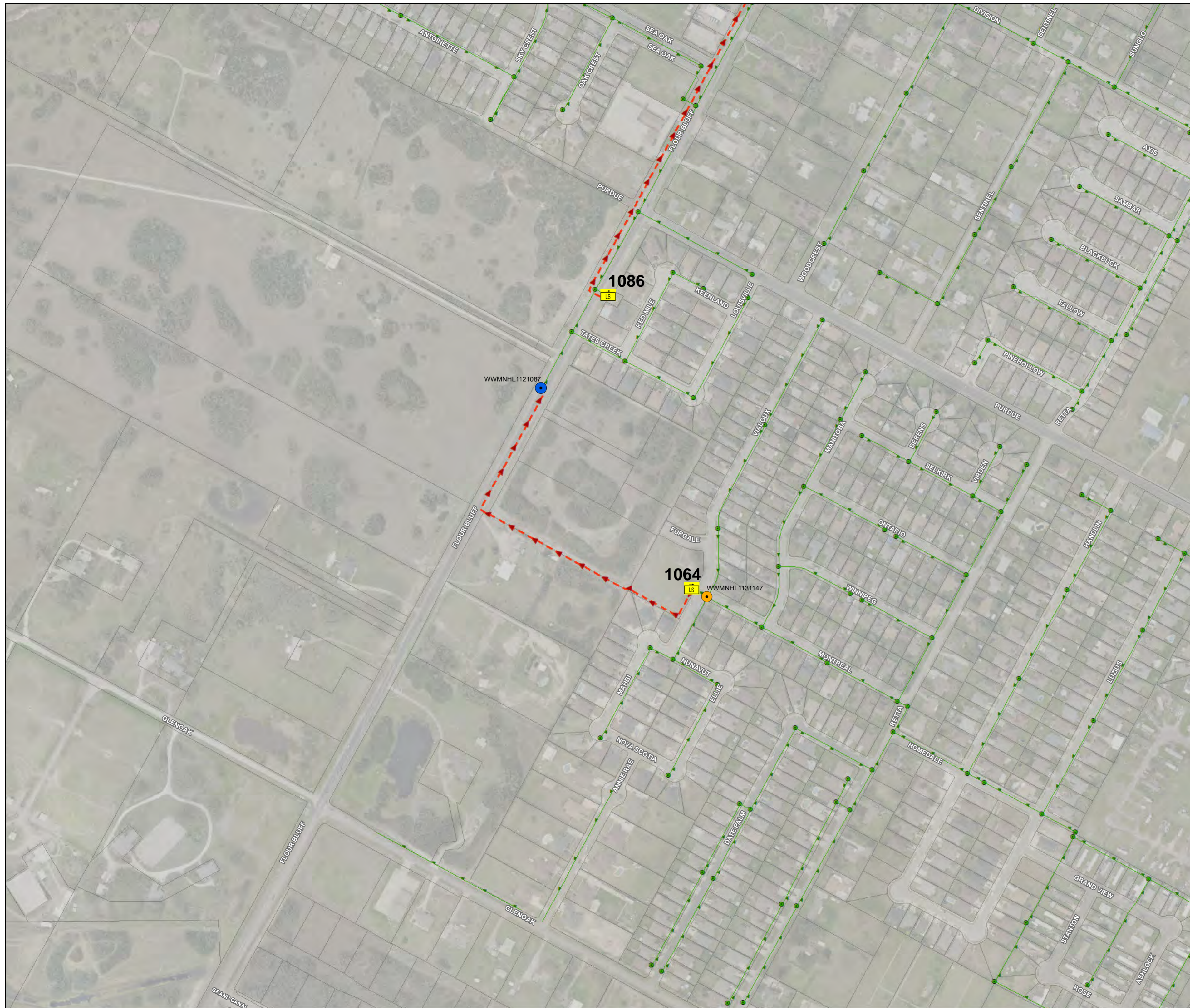
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Purdue LS ID: 1063 LS#: 77





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

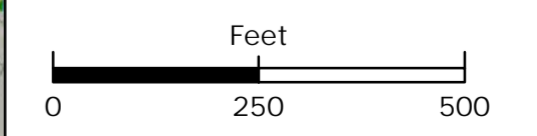
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131147

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1121087

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1064

LIFT STATION RESPONSE PLAN
 LS NAME: Rhetta Place LS ID: 1064 LS#: 75





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	18
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	3.5 Hrs
OVERFLOW MANHOLE MAXIMO I D	WWMNHL1132801

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO I D	WW-LS1007

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

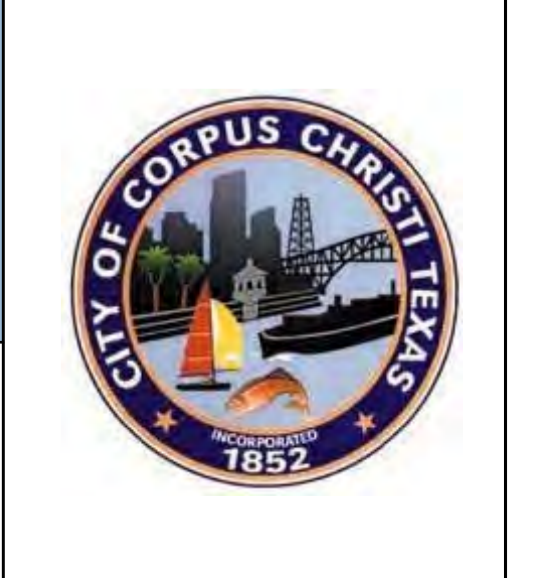
NOTES

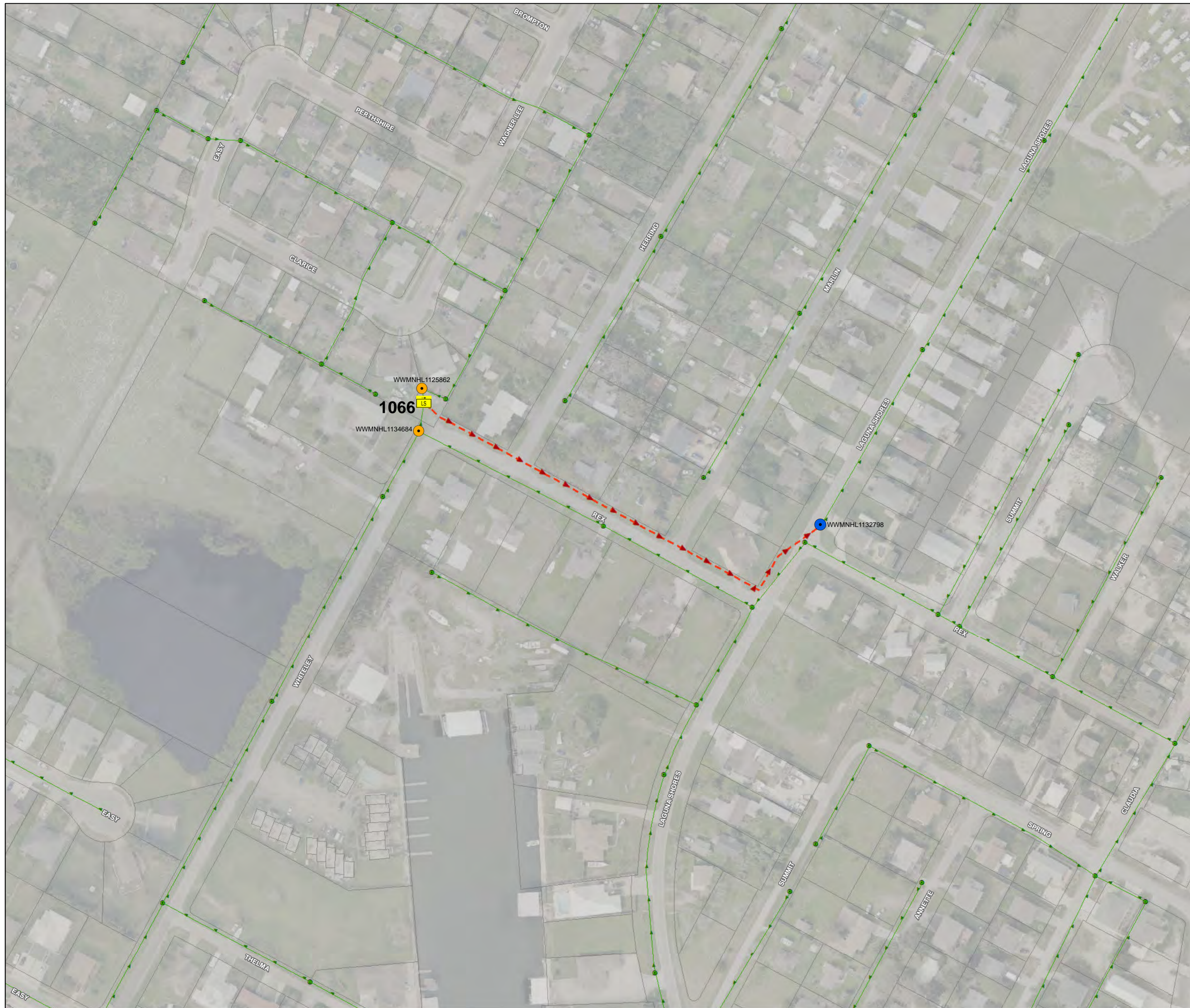
Discharge to Laguna Shores L.S.

0 250 500 Feet

WW-LS1065

LIFT STATION RESPONSE PLAN
 LS NAME: Riviera LS ID: 1065 LS#: 82





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

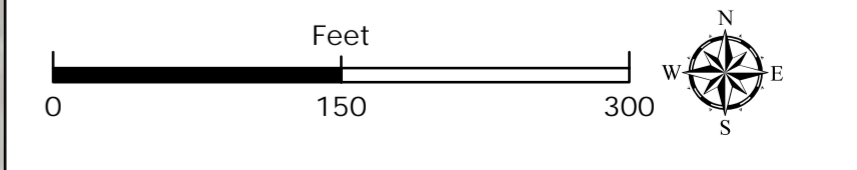
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1125862 WWMNHL1134684

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132798

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1066

LIFT STATION RESPONSE PLAN
 LS NAME: Rex LS ID: 1066 LS#: 83





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1067

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	3.65 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1126825

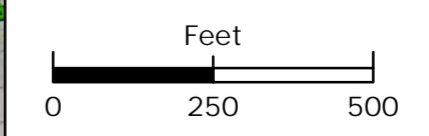
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132112

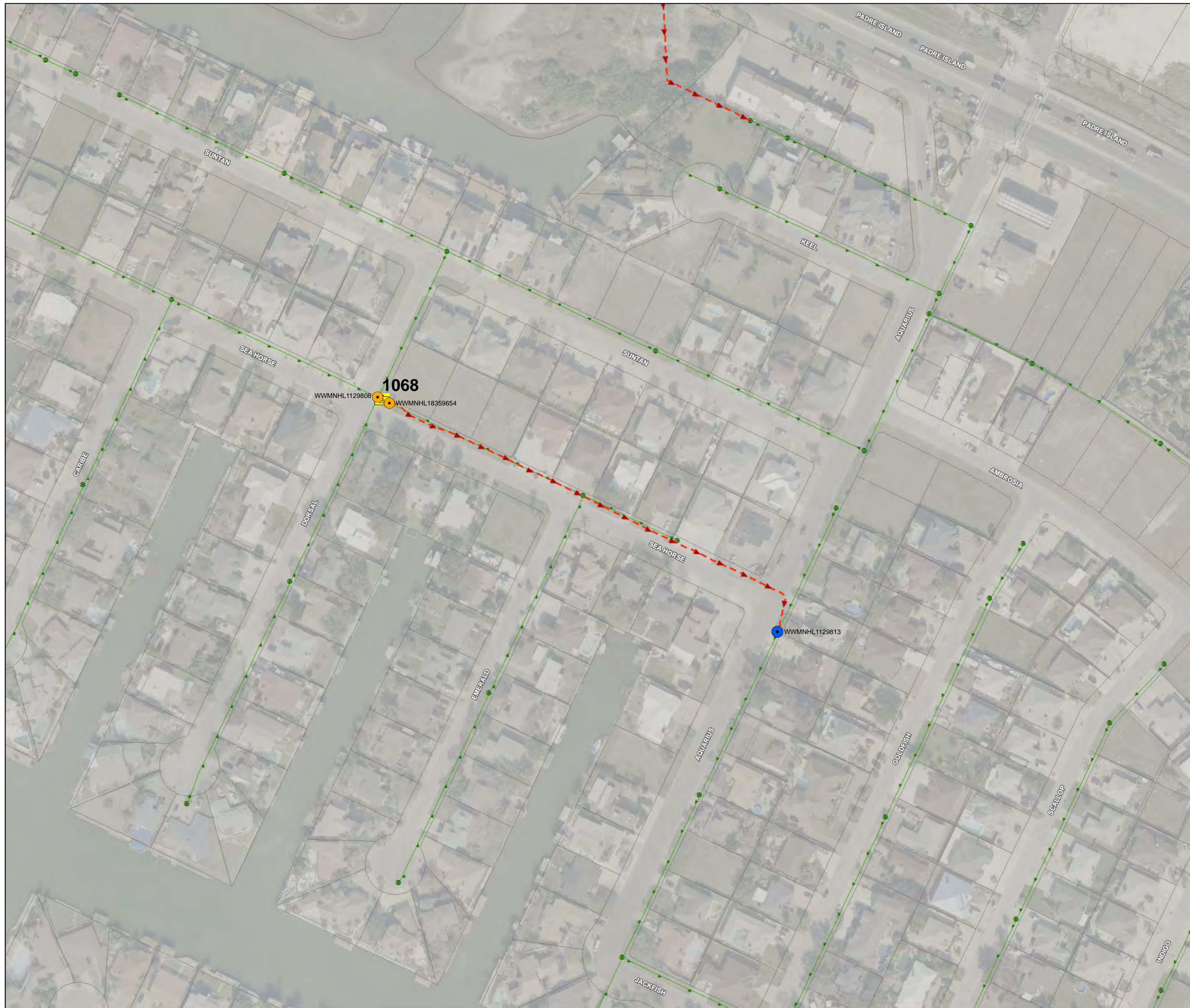
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Kennedy Causeway LS ID: 1067 LS#: 84





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

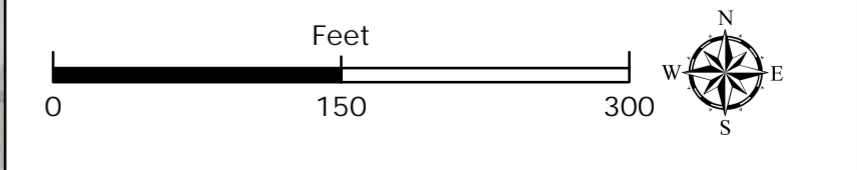
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4-6 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1129808 WWMNHL18359654

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1129813

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None



WW-LS1068

LIFT STATION RESPONSE PLAN
LS NAME: Seahorse LS ID: 1068 LS #: 85





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

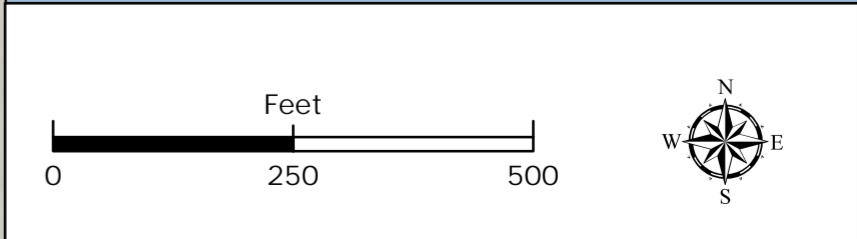
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.85 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1133122

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1126387

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

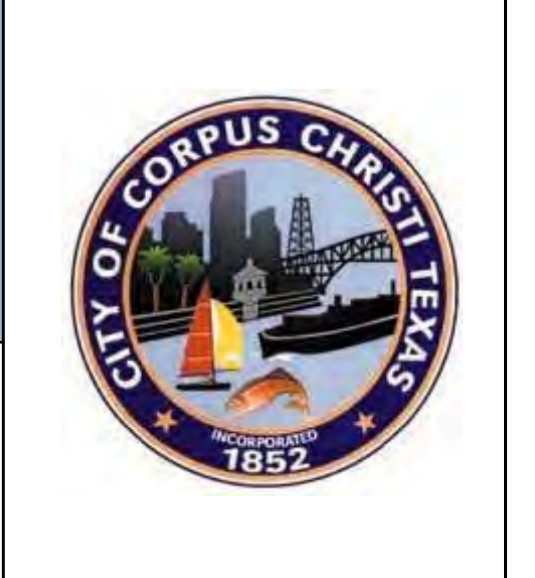
NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1069

LIFT STATION RESPONSE PLAN
 LS NAME: Jackfish LS ID: 1069 LS#: 87





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1070

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1121811

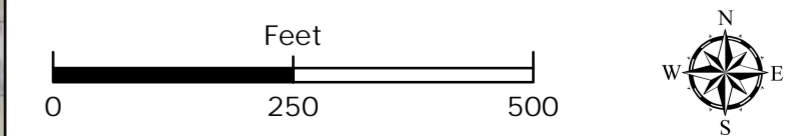
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1130886

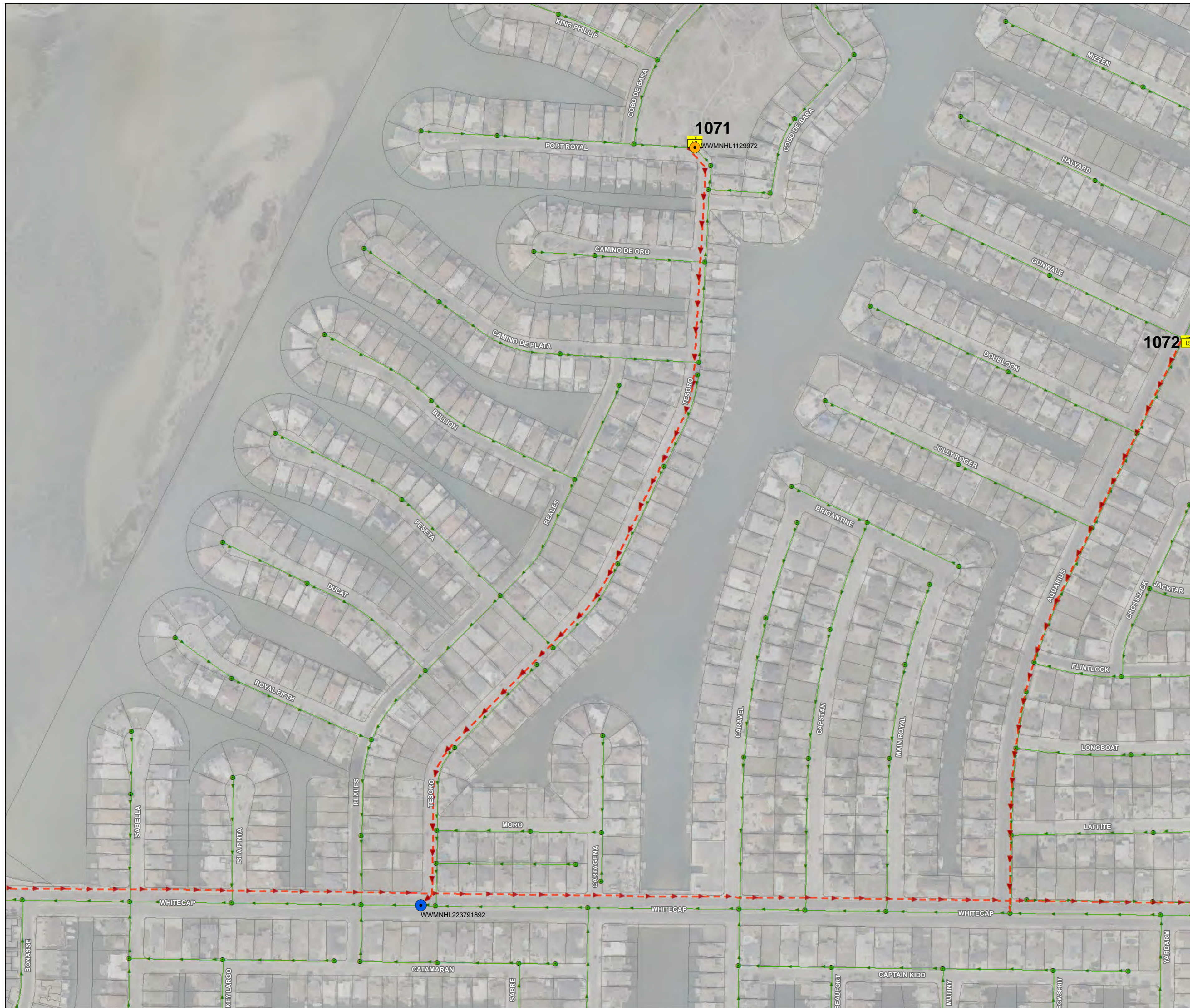
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Swordfish LS ID: 1070 LS#: 86





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1071

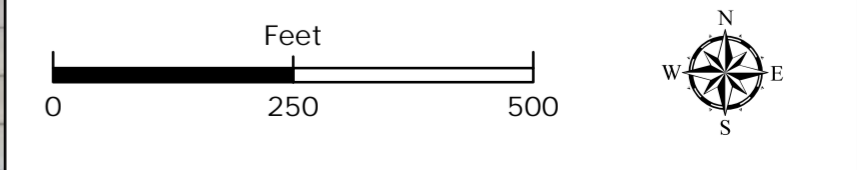
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1129972

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL223791892

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

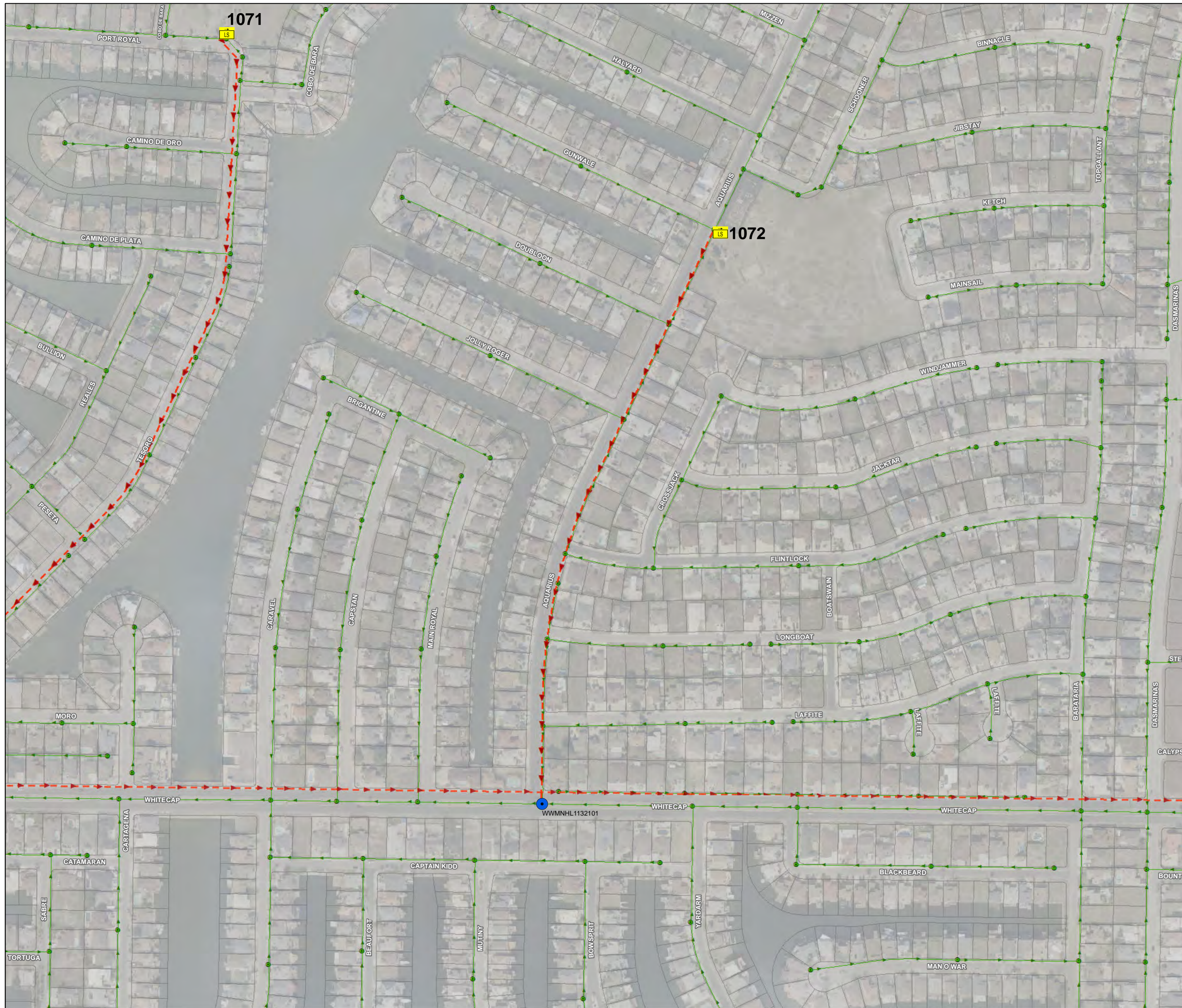
NOTES

Suction flow from wetwell and decant at Whitecap WWTP.



LIFT STATION RESPONSE PLAN
 LS NAME: Tesoro LS ID: 1071 LS#: 90





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	30
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

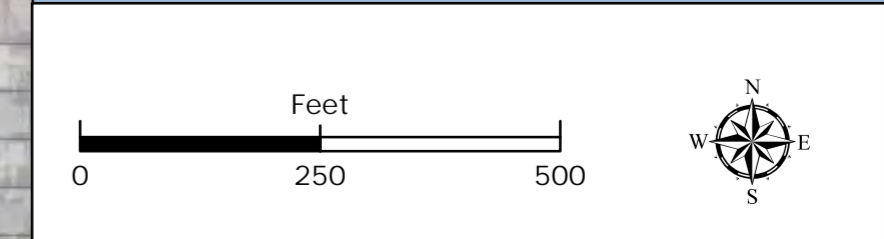
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132101

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1072

LIFT STATION RESPONSE PLAN
 LS NAME: Aquarius LS ID: 1072 LS#: 92





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1073

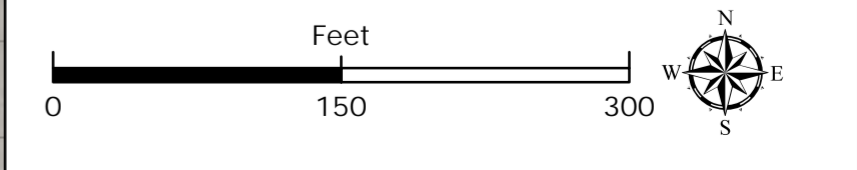
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120148

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1128525

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

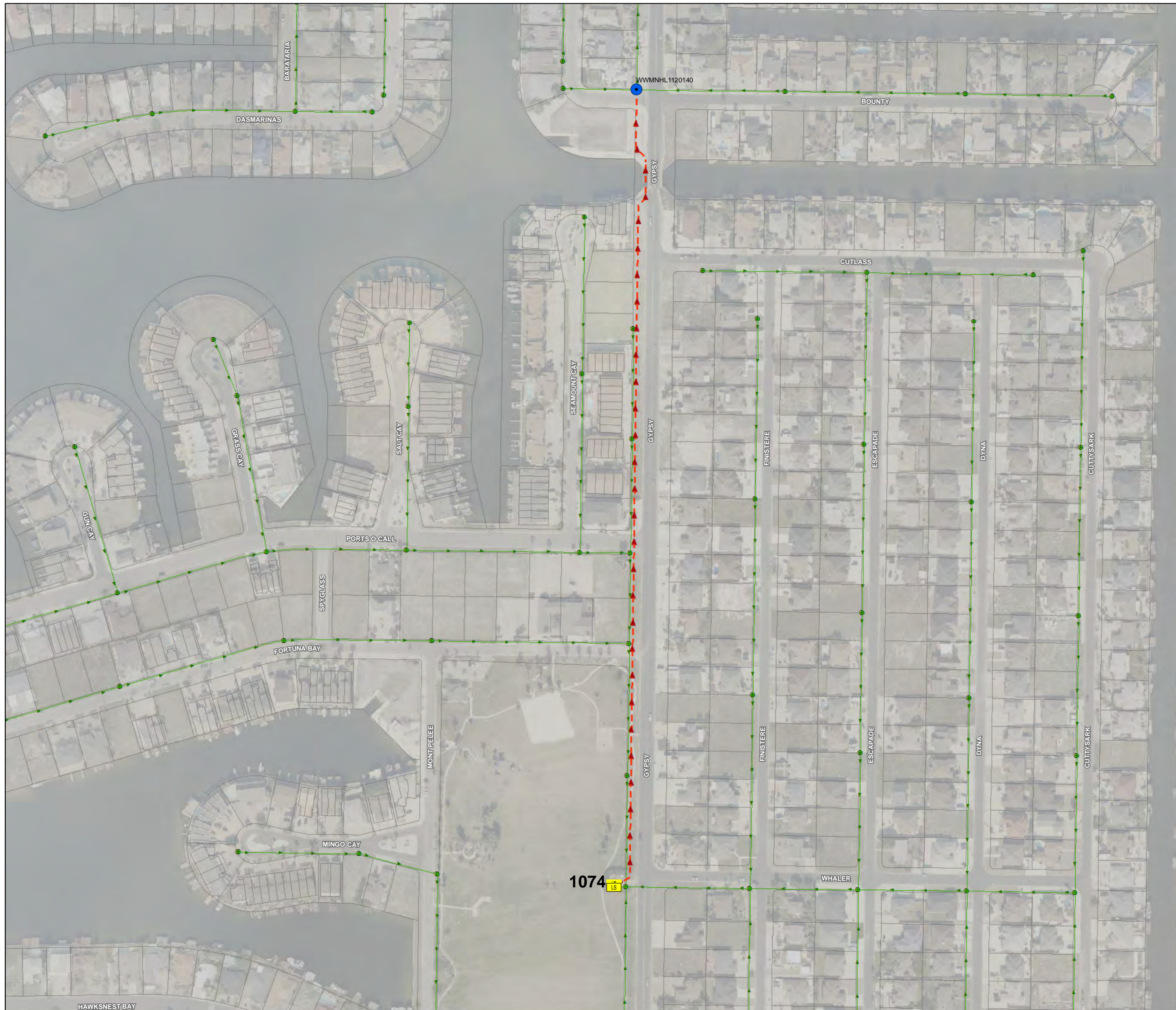
NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Padre Island Section 4 LS ID: 1073 LS#: 97





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

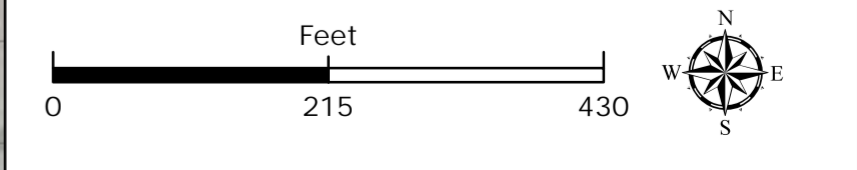
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	4.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120140

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

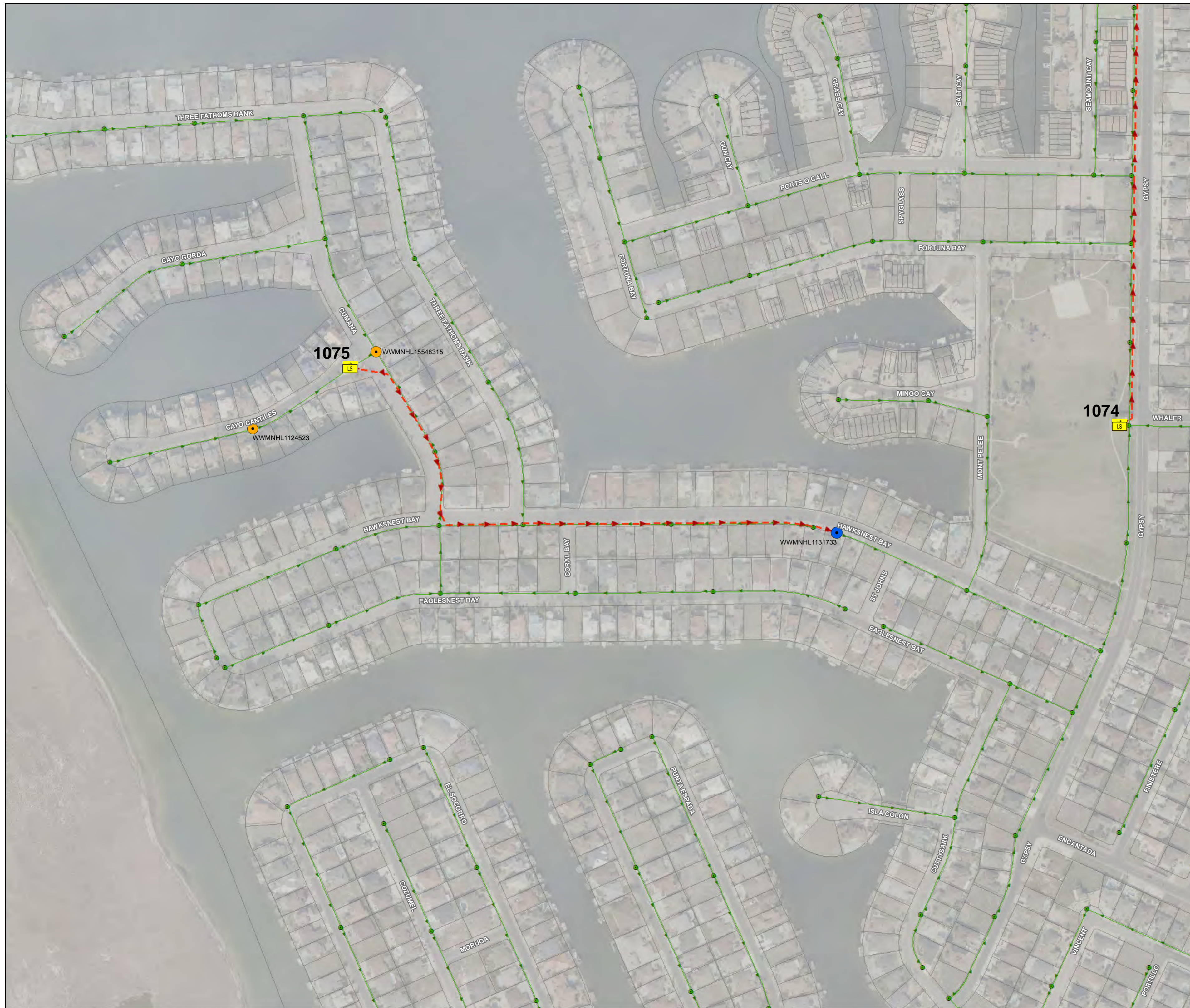
Suction flow from wetwell and decant into discharge manhole.



WW-LS1074

LIFT STATION RESPONSE PLAN
 LS NAME: Gypsy LS ID: 1074 LS#: 96





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

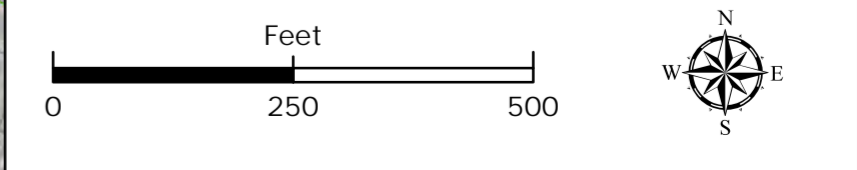
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL15548315 WWMNHL1124523

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1131733

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

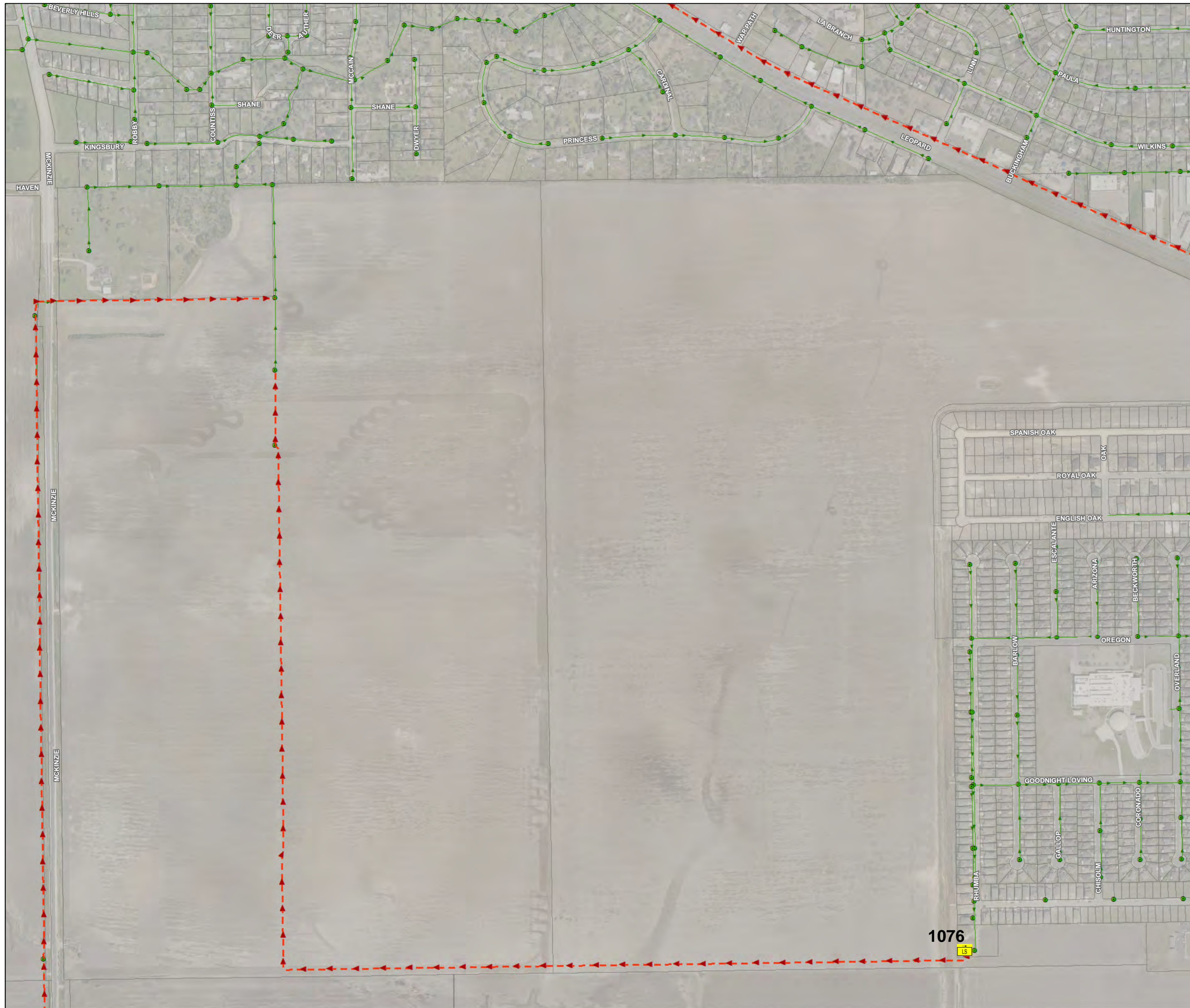
Suction flow from wetwell and decant into discharge manhole.



WW-LS1075

LIFT STATION RESPONSE PLAN
 LS NAME: Cumana LS ID: 1075 LS#: 93





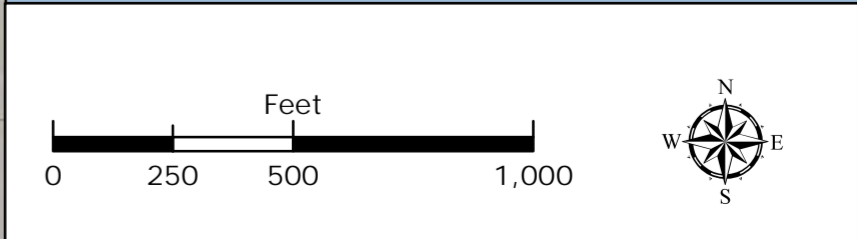
LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	
NUMBER OF PUMPS	0
ALTERNATE SERVICE?	
PERMANENT GENERATOR?	
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	Hrs
OVERFLOW MANHOLE MAXIMO ID	

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	0
DISCHARGE MANHOLE MAXIMO ID	WWMNHL435448789

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES



WW-LS1076

LIFT STATION RESPONSE PLAN
 LS NAME: LS ID: 1076 LS#: 14





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	44
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1077

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1133978

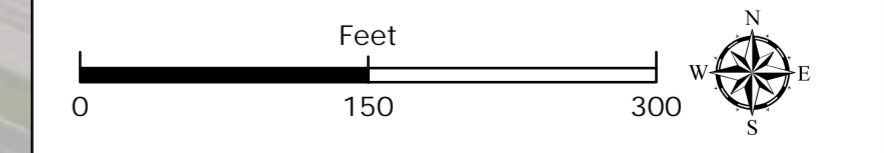
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.

LIFT STATION RESPONSE PLAN
 LS NAME: Sharpsburg LS ID: 1077 LS#: 5





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1078

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	16.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120267

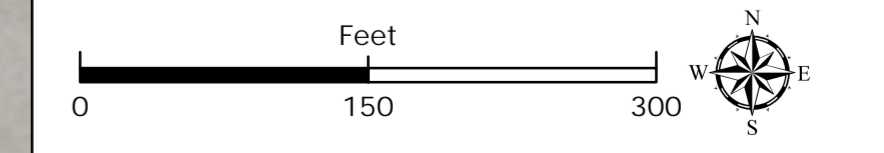
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	1
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1127831

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. If both Cynthia L.S. and Ramos L.S. are out, decant at Sharpburg L.S.
2. Flows suctioned from wetwell will be decanted at Sharpburg L.S.

LIFT STATION RESPONSE PLAN
 LS NAME: Ramos LS ID: 1078 LS#: 4





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	3
NUMBER OF PUMPS	1
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

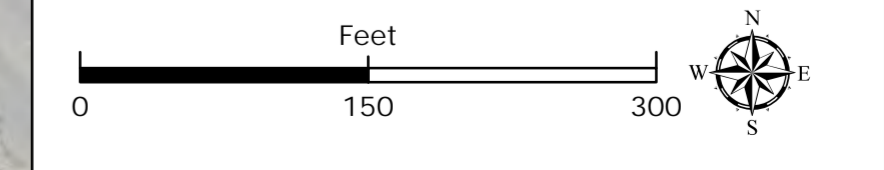
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1130006

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1125602

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1079

LIFT STATION RESPONSE PLAN
 LS NAME: Oleander LS ID: 1079 LS #: 47





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	47
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL29833684

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL434253211

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1080

LIFT STATION RESPONSE PLAN
 LS NAME: Stary LS ID: 1080 LS#: 50





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

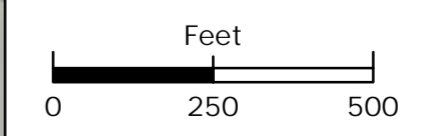
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	1.1 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	None

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

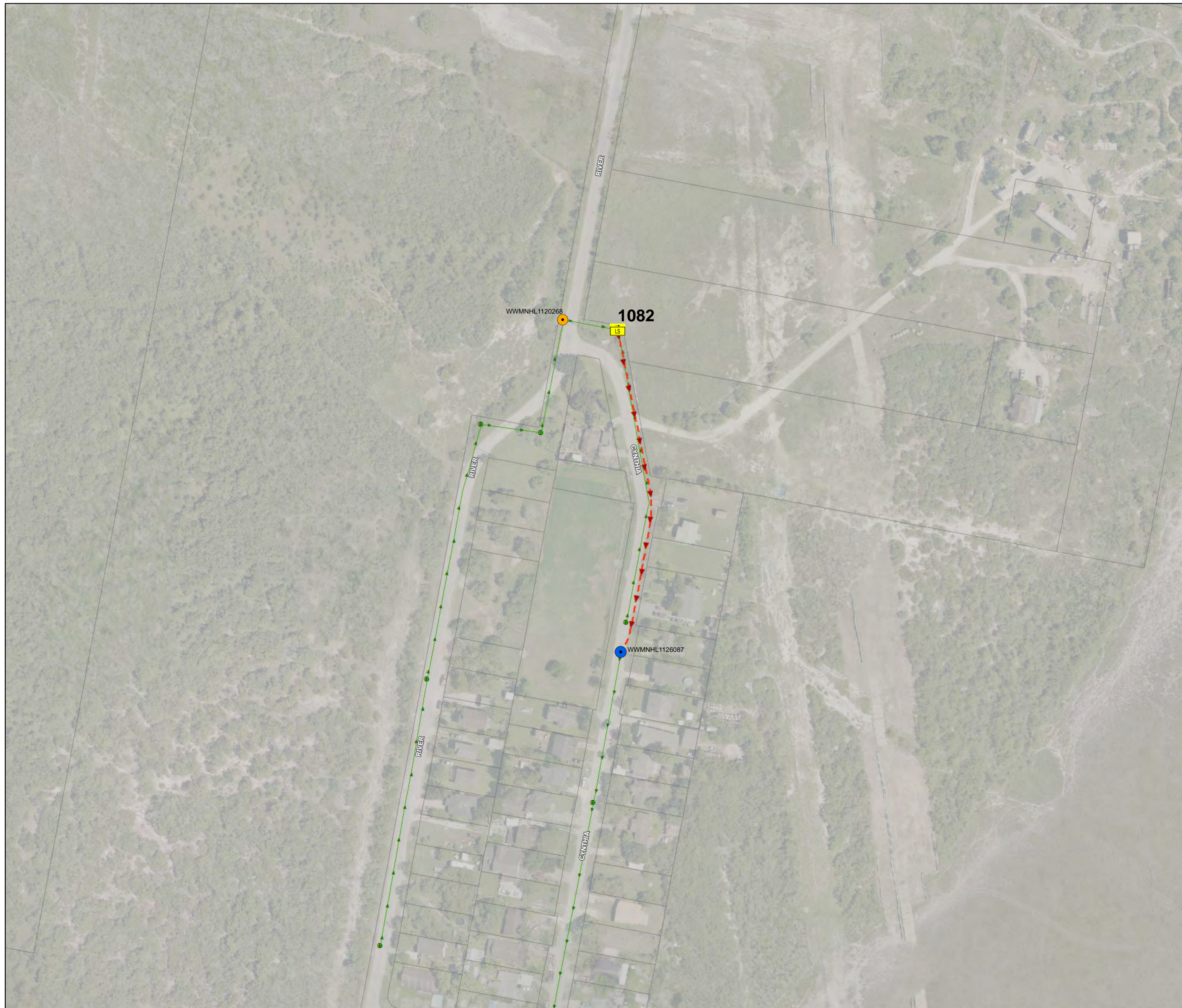
Suction flow from wetwell and decant at Oso WWTP.



WW-LS1081

LIFT STATION RESPONSE PLAN
 LS NAME: TAMUCC LS ID: 1081 LS#: 65





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1082

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	12.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120268 WWMNHL1121814

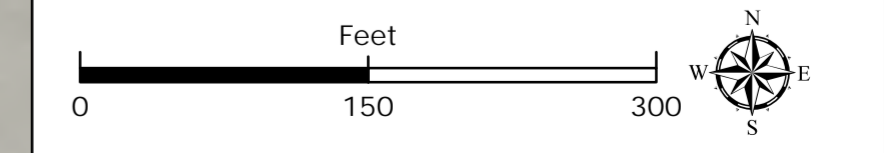
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	1
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1126087

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. If both Cynthia L.S. and Ramos L.S. are out, decant at Sharpsburg L.S.
2. Flows suctioned from wetwell will be decanted at Sharpsburg L.S.

LIFT STATION RESPONSE PLAN
LS NAME: Cynthia LS ID: 1082 LS#: 3





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1083

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1121814 WWMNHL1130990

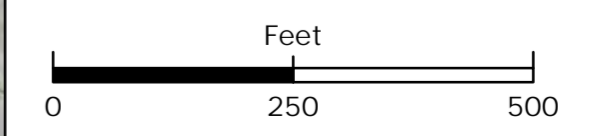
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	4
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1130513

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from inlet manhole and decant at discharge manhole.

LIFT STATION RESPONSE PLAN
LS NAME: Sugar Tree LS ID: 1083 LS#: 69





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	30
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	5.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123328 WWMNHL1132901

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WMLS1095 WWMNHL15943741

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

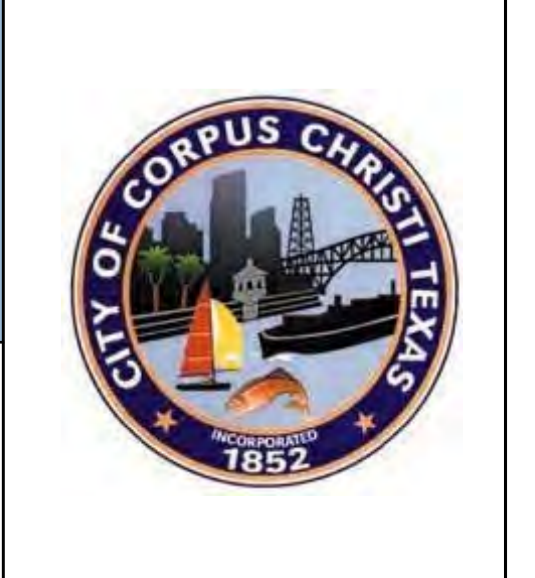
NOTES

Suction flow from wetwell and decant into discharge manhole.

Scale: 0 250 500 Feet

WW-LS1084

LIFT STATION RESPONSE PLAN
 LS NAME: Park Road 53 LS ID: 1084 LS#: 14





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1085

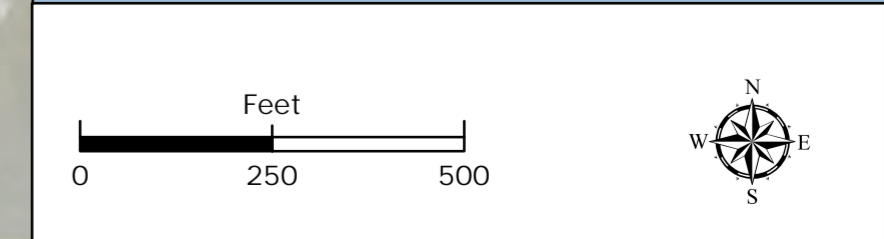
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.6 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1122893

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120148

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Leeward LS ID: 1085 LS#: 99





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

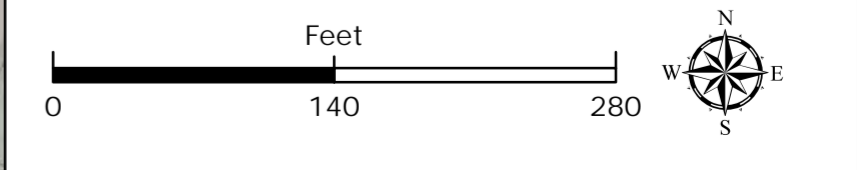
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1128265

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	Verification needed

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



WW-LS1086

LIFT STATION RESPONSE PLAN
 LS NAME: Flour Bluff LS ID: 1086 LS#: 74





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	2.6
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

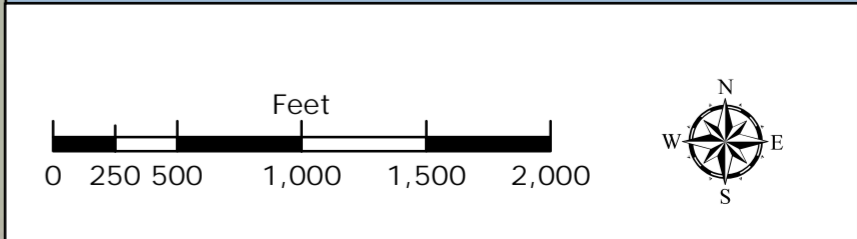
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1128703

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WW-LS1007

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

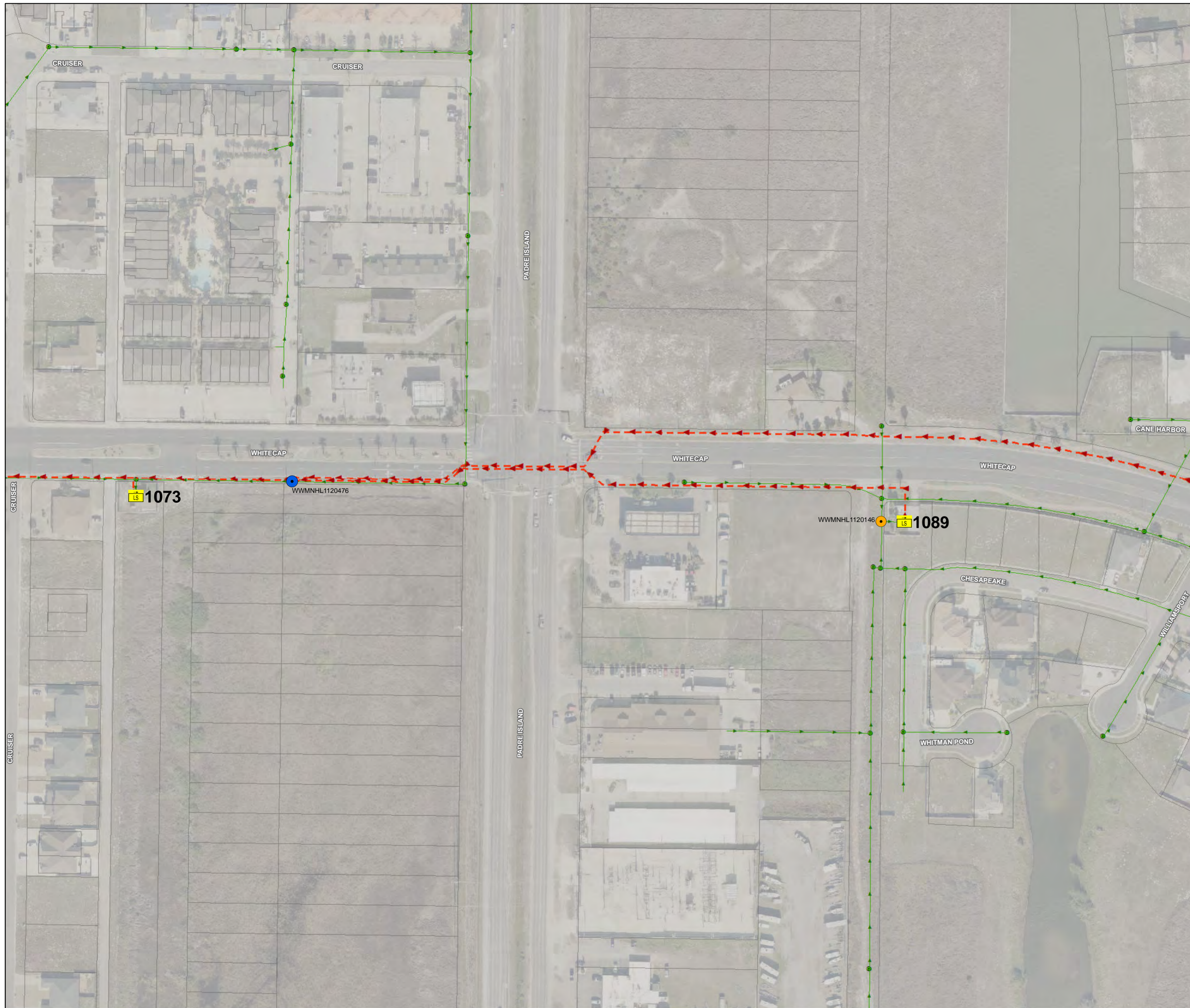
Suction flow from wetwell and decant at Laguna Madre WWTP.



WW-LS1088

LIFT STATION RESPONSE PLAN
 LS NAME: Gateway Park LS ID: 1088 LS#: 80





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1089

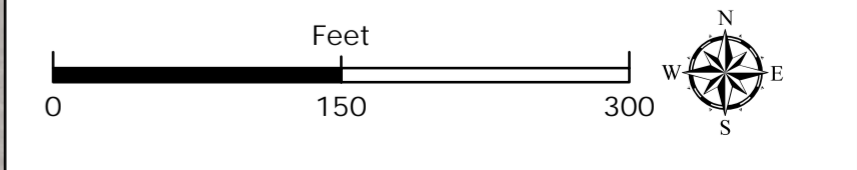
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	3.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1120146

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120476

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

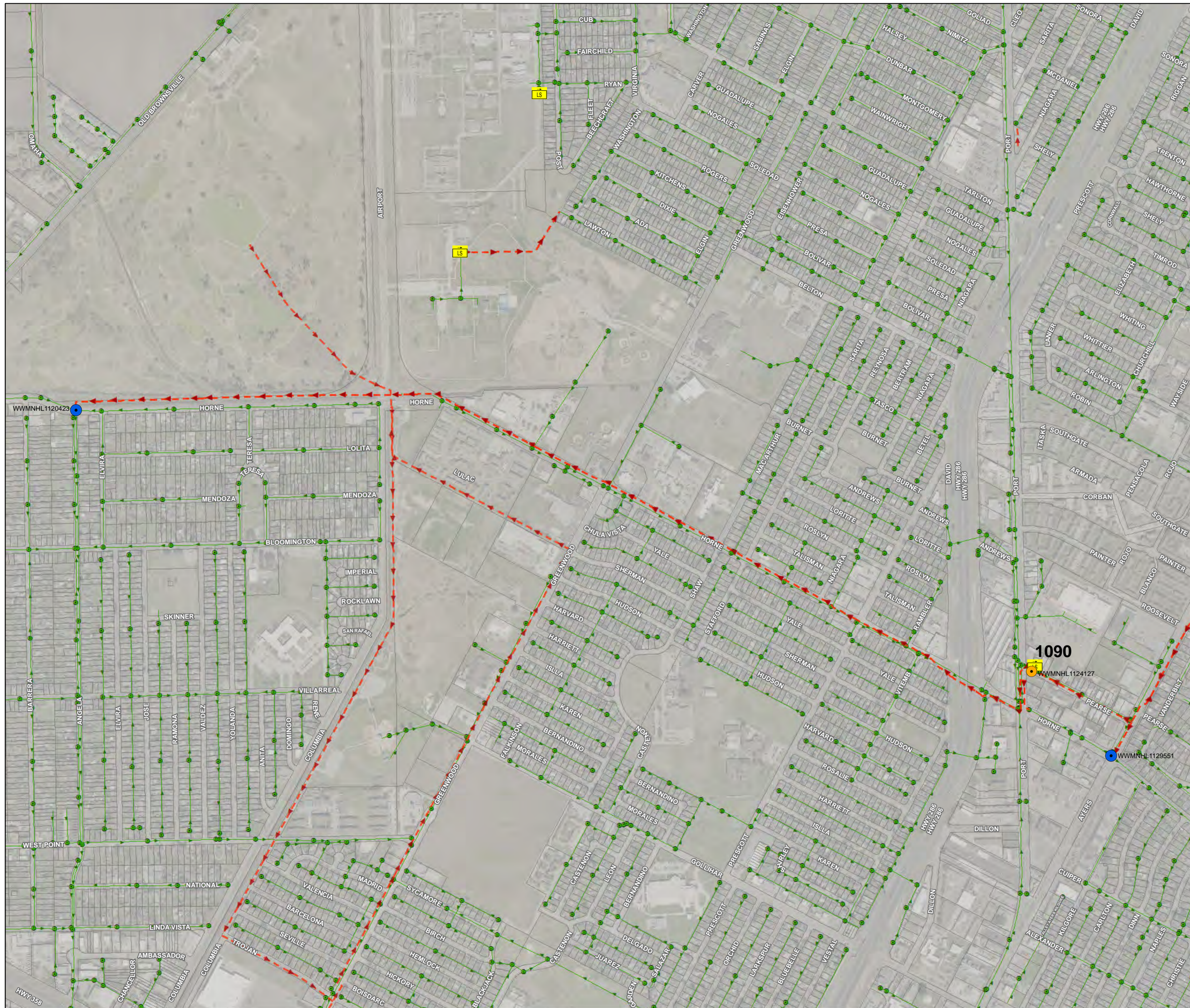
NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Lake Padre South LS ID: 1089 LS#: 98





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	4-77 HP, 2-25 HP
NUMBER OF PUMPS	6
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.75 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124127

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1120423 WWMNHL1129551

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Divert by gravity to Kostoryz L.S.
2. Or divert back to Arcadia L.S.

0 250 500 1,000 1,500 Feet

WW-LS1090

LIFT STATION RESPONSE PLAN
LS NAME: Port/Pearse LS ID: 1090 LS#: 23





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

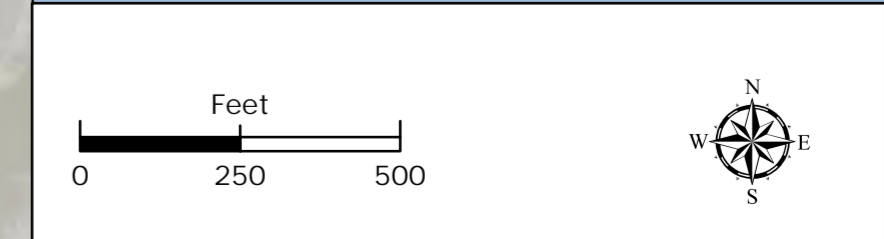
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1129248

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1128368

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

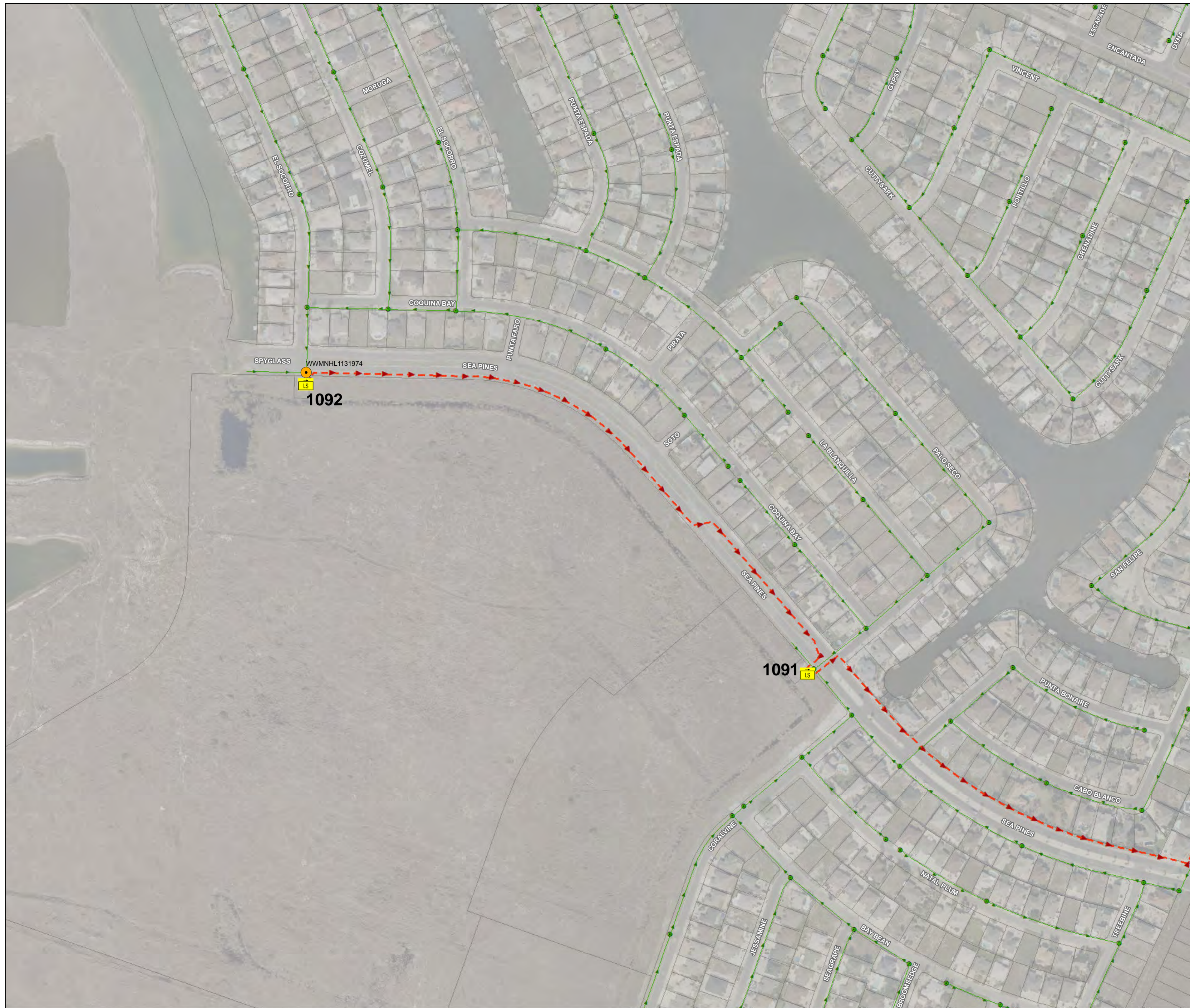
Suction flow from wetwell and decant into discharge manhole.



WW-LS1091

LIFT STATION RESPONSE PLAN
 LS NAME: Sea Pines LS ID: 1091 LS#: 95





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

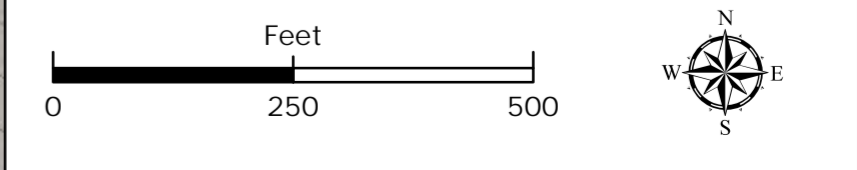
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	15.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131974

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WW-LS1091

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None



WW-LS1092

LIFT STATION RESPONSE PLAN

LS NAME: Coquina Bay LS ID: 1092 LS#: 94





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1093

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL14376078

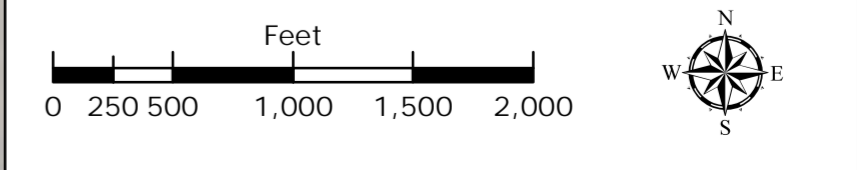
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WW-LS1003

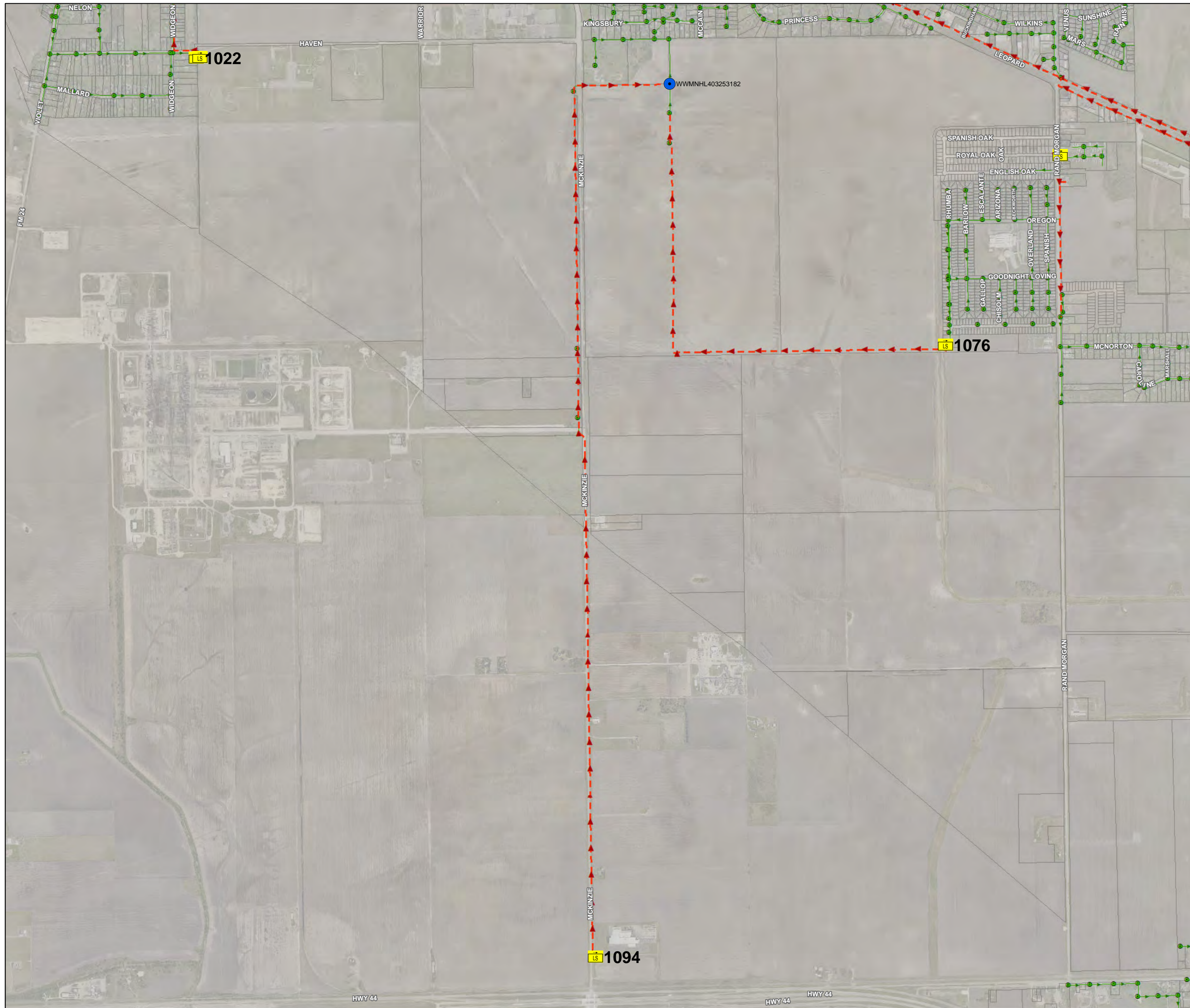
LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Discharge to Greenwood WWTP P.S.

LIFT STATION RESPONSE PLAN
 LS NAME: Coastal Meadows LS ID: 1093 LS#: 21





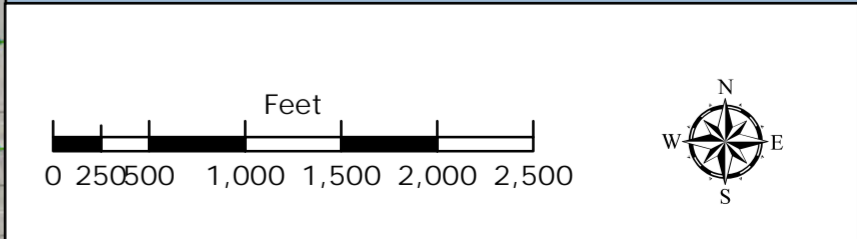
LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	10
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL403253182

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES	
Suction flow from wetwell and decant into discharge manhole.	



WW-LS1094

LIFT STATION RESPONSE PLAN

LS NAME: Dietrich LSID: 1094 LS#: 13





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	7.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

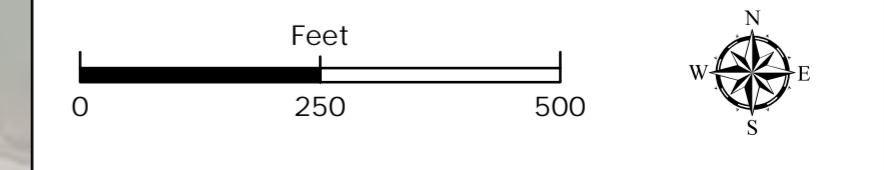
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	6.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1131432

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WW-LS1084

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

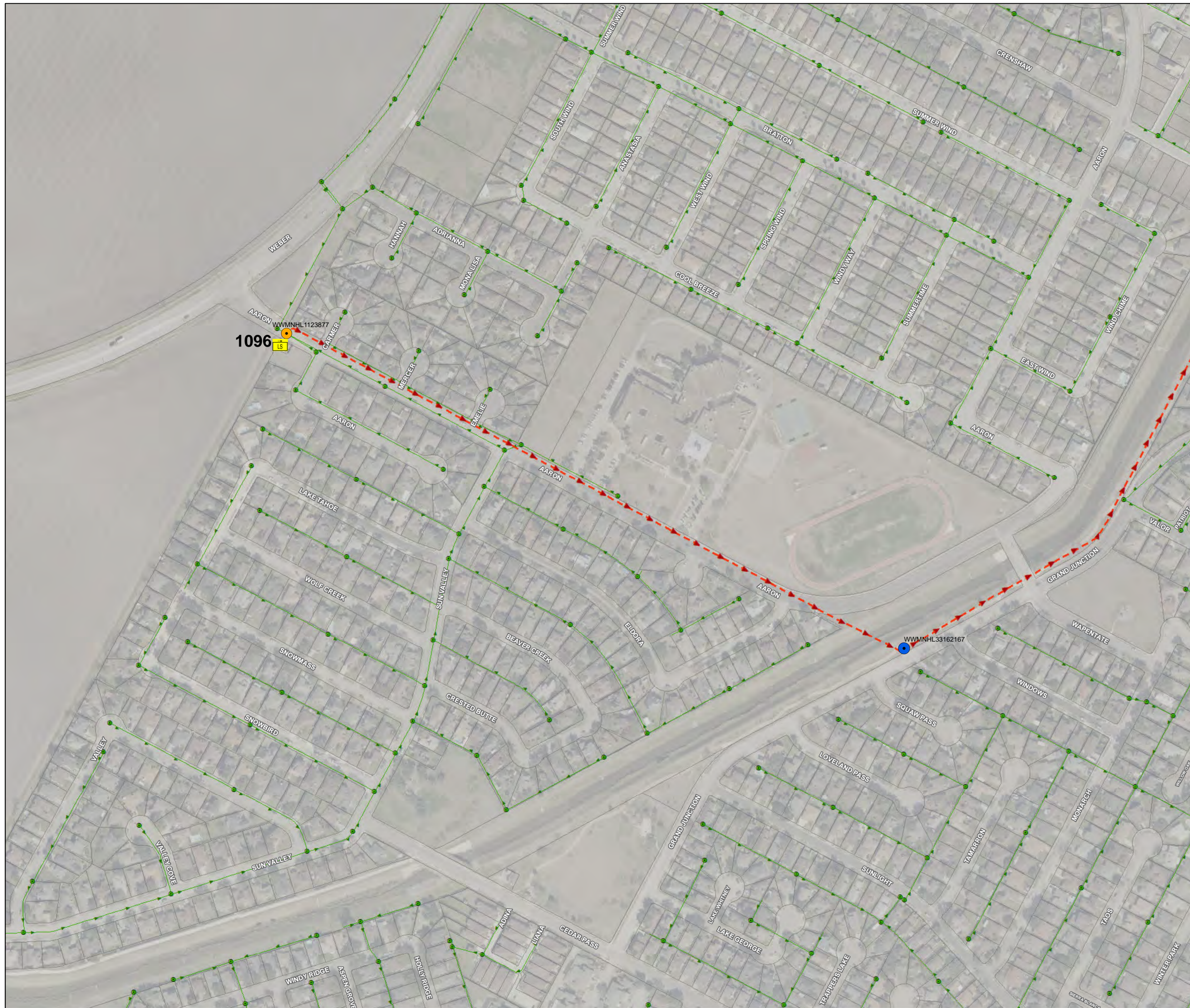
Suction flow from wetwell and decant into discharge manhole.



WW-LS1095

LIFT STATION RESPONSE PLAN
 LS NAME: Verde Mar LS ID: 1095 LS#: 88





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1096

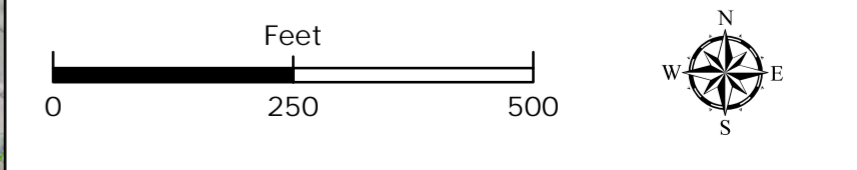
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.25 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123877

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL33162167

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwell and decant into discharge manhole.



LIFT STATION RESPONSE PLAN
 LS NAME: Webers Glen LS ID: 1096 LS #: 53





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1097

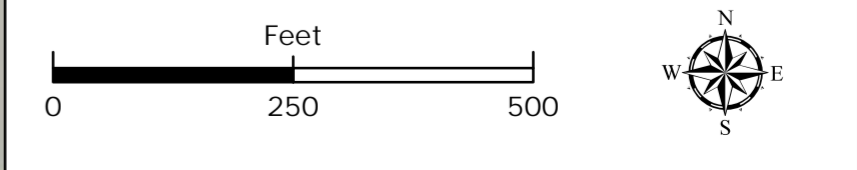
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1124314

VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132864

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

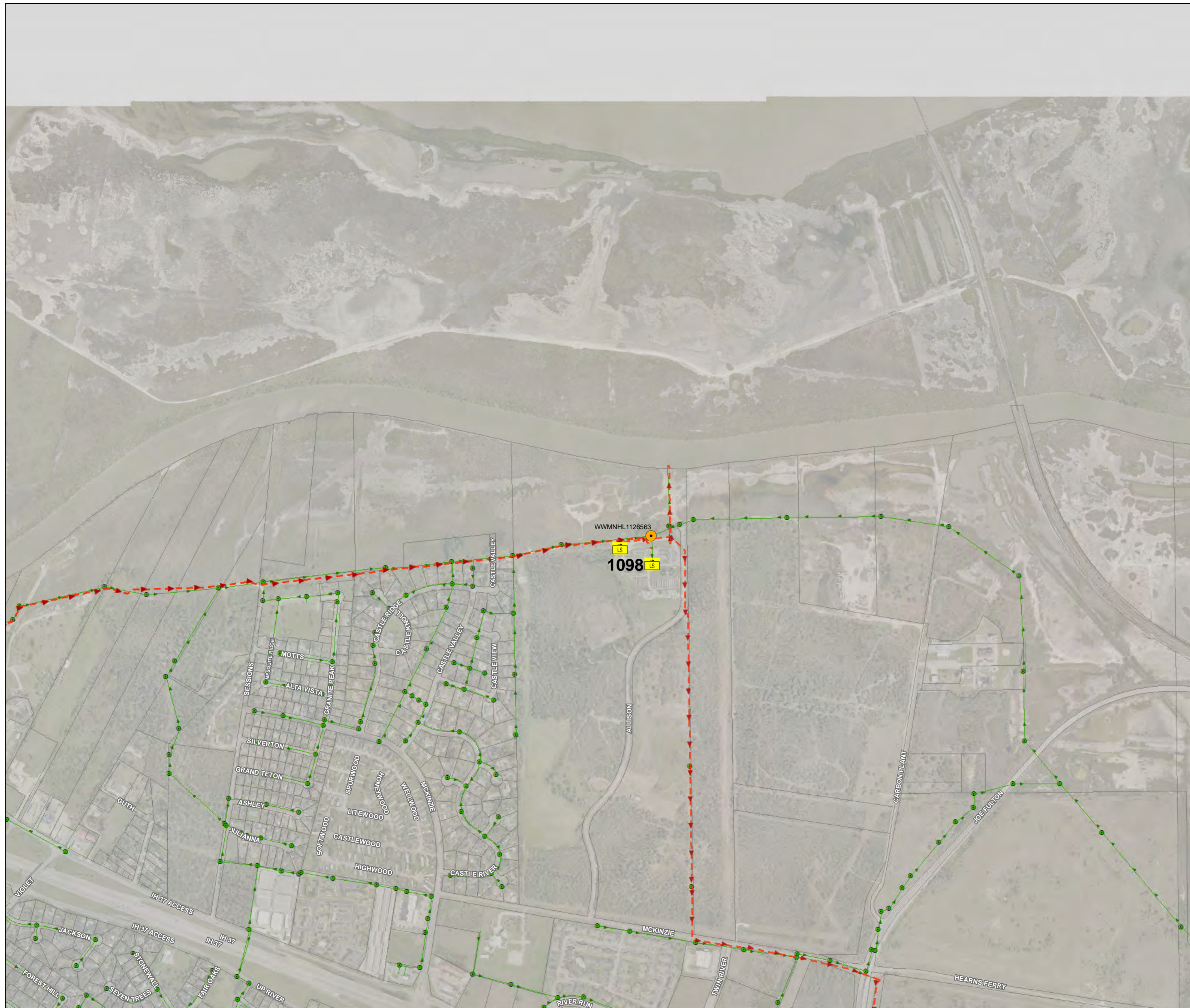
NOTES

None



LIFT STATION RESPONSE PLAN
 LS NAME: Rincon North "B" LS ID: 1097 LS#: 31





LIFT STATION DATA	
BASIN	ALLISON WWTP
PUMP HP	150
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1098

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	0.5 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1126563

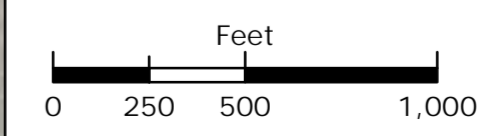
VECTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1098

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Bypass into Allison WWTP headworks.
2. Verify second power source started and transfer load.

LIFT STATION RESPONSE PLAN
 LS NAME: Allison WWTP LS ID: 1098 LS#: 9





LIFT STATION DATA	
BASIN	BROADWAY WWTP
PUMP HP	3
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

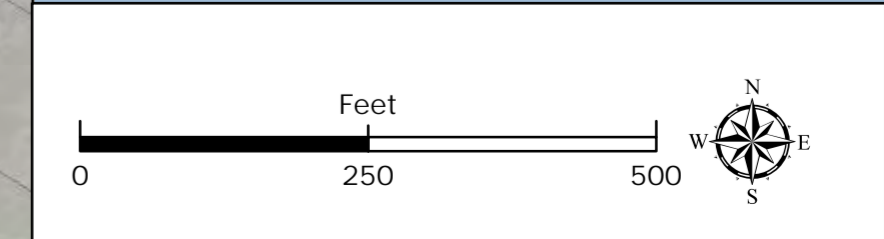
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1125253

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1134698

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None

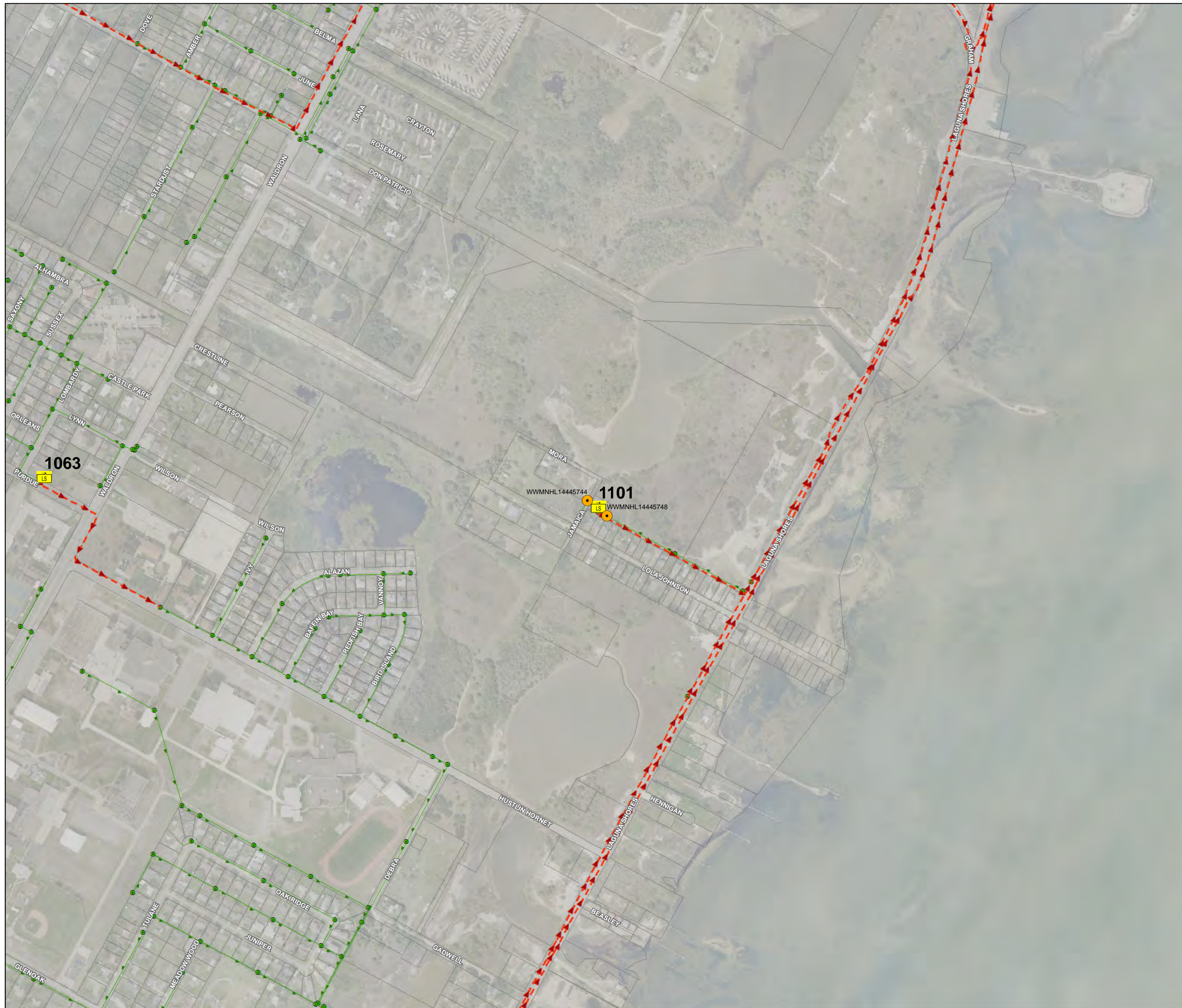


WW-LS1099

LIFT STATION RESPONSE PLAN

LS NAME: Rincon North "A" LS ID: 1099 LS#: 32





LIFT STATION DATA	
BASIN	LAGUNA MADRE WWTP
PUMP HP	30
NUMBER OF PUMPS	3
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	YES
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	>24 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL14445744 WWMNHL14445748

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	Verification needed

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

1. Verify generator is started and transfer load.
2. Suction flow from wetwell and decant at Waldron Road L.S.



WW-LS1101

LIFT STATION RESPONSE PLAN
LS NAME: Jamaica LS ID: 1101 LS#: 71





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1102

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	12 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL18746477

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL14376078

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

None



LIFT STATION RESPONSE PLAN
 LS NAME: Rose Acres LS ID: 1102 LS#: 29





LIFT STATION DATA	
BASIN	WHITECAP WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

WW-LS1103

ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	3 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL43614921

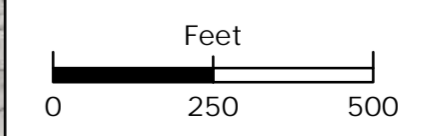
VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1132112

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

No Notes

LIFT STATION RESPONSE PLAN
 LS NAME: Kennedy Causeway II LS ID: 1103 LS#: 102





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	2.5
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

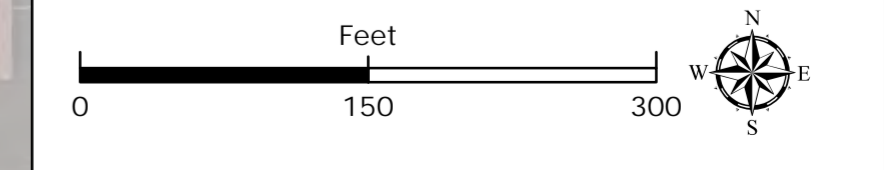
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2.4 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1121482

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	2
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1133030

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

No Notes



WW-LS1104

LIFT STATION RESPONSE PLAN
 LS NAME: Charlie's Place LS ID: 1104 LS#: 101





LIFT STATION DATA	
BASIN	GREENWOOD WWTP
PUMP HP	20
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	NO
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	NO

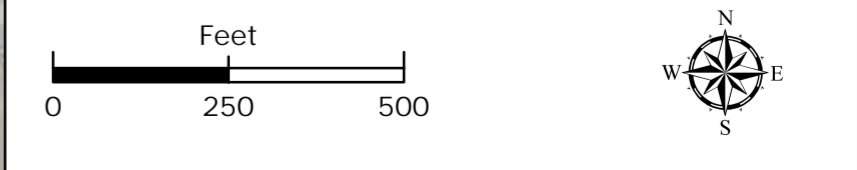
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	6 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL39174824

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	3
DISCHARGE MANHOLE MAXIMO ID	WWMNHL1127641

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

No Notes



WW-LS1106

LIFT STATION RESPONSE PLAN
 LS NAME: Westpoint Crossing LS ID: 1106 LS#: 103





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	1-75 HP, 1-125 HP
NUMBER OF PUMPS	2
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	YES

WW-LS1201

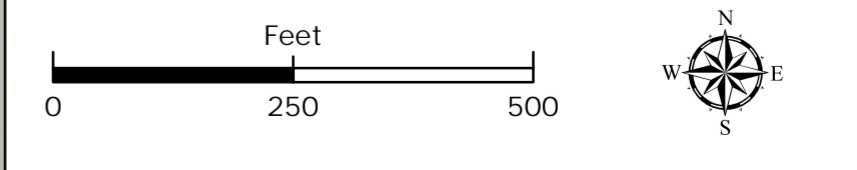
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	WWMNHL1123134

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1202

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwells to headworks.



LIFT STATION RESPONSE PLAN
 LS NAME: Oso WWTP #1 LS ID: 1201 LS #: 63





LIFT STATION DATA	
BASIN	OSO WWTP
PUMP HP	2-50 HP, 2-125 HP
NUMBER OF PUMPS	4
ALTERNATE SERVICE?	YES (SEE NOTES)
PERMANENT GENERATOR?	NO
CONNECTION POINT FOR PORTABLE GENERATOR AND/OR PORTABLE PUMP	YES

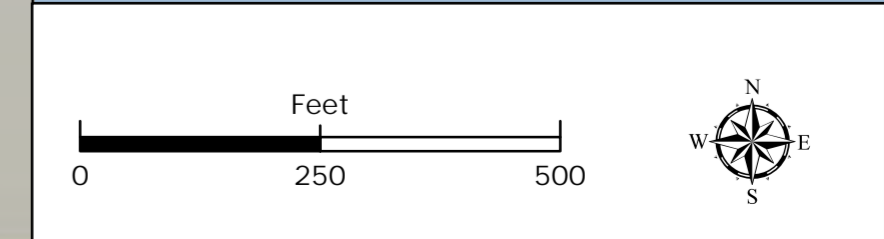
ESTIMATED TIME TO OVERFLOW	
ESTIMATED TIME	2 Hrs
OVERFLOW MANHOLE MAXIMO ID	None

VACTOR/VACUUM VEHICLE RESPONSE	
NUMBER OF VEHICLES NEEDED	5
DISCHARGE MANHOLE MAXIMO ID	WW-LS1201

LEGEND	
	Discharge Manhole
	Overflow Manhole
	Lift Station
	Force Main
	Gravity Main

NOTES

Suction flow from wetwells to headworks.



WW-LS1202

LIFT STATION RESPONSE PLAN

LS NAME: Oso WWTP #2 LS ID: 1202 LS #: 64

