



CITY OF HAVELOCK

Post Office Box 368
Havelock, NC 28532

INVITATION TO BID

Pursuant to North Carolina General Statutes §143-131, the City of Havelock invites informal bids on the following:

Bids must be submitted in accordance with the attached specifications. Bids must include an itemized schedule (including quantity, unit price and total) for each work element. Bids can be submitted through the United States Postal Service to P.O. Box 368 Havelock, NC 28532 or emailed to bids@havelocknc.us. Cover sheets, envelopes, etc. should be clearly marked with the words:

***“City of Havelock,
Pineview Lift Station Repair”***

Address Bids to: **Lee Tillman, Director of Finance**
 City of Havelock
 P.O. Box 368
 1 Governmental Ave.
 Havelock, NC 28532
 Fax: 252-447-0126
 Email: Bids@havelocknc.us

Bids will be accepted until **2:00 PM (EST) on Friday, July 10, 2020** at which time they will be reviewed in the office of the City Finance Director. Informal bid openings are not subject to public inspection until the contract is awarded. Quotes are not subject to public inspection until the contract is awarded. The bids are good for 75 days after opening. The winning bidder will be issued a Notice To Proceed (NTP) along with a Purchase Order. The performance period is 120 calendar days from the NTP.

Bidders are cautioned not to submit bids until the proposed requirements and specifications have been carefully examined. It will be considered that bidders will have satisfied themselves as to the accuracy of the specifications. No proposal will be considered unless prices are submitted for all items requested in any section. The City reserves the right to change the amount of quantities.

The names of certain brands or makes denote quality standard in the article desired, but do not restrict bidders to the specific brand, make or manufacturer named. They are meant to convey to prospective bidders the general style, type, character and quality of the article desired.

The successful bidder on all construction contracts will be required to conduct the operation in accordance with all Federal, State, and Municipal health and safety rules, regulations and laws applicable to the operation. The successful bidder may be asked to provide the City with a copy of the company's safety plan prior to commencing work. For all projects over \$30,000, a general contractor's license must be furnished to the City if applicable.



CITY OF HAVELOCK

Post Office Box 368
Havelock, NC 28532

The City will not sell bid packages. Plans, specifications, and addenda may be viewed and obtained online at www.havelocknc.us. Click on: "Bid on a Contract"; "Current Bids". The Bidder's List is maintained by Vendor Registry. Registration for the Bidder's List is made online at www.havelocknc.us. Click on: "Bid on a Contract"; "Vendor login/Registration".

N.C.G.S. (North Carolina General Statutes), specifically §160A-20.1(b), prohibit the City from entering into contracts with contractors and subcontractors who have not complied with the requirement of Article 2 or Chapter 64. The Contractor shall submit the E-Verify Affidavit, located in the Bid Proposal section, with their bid. Bids that do not include this Affidavit will be considered non-responsive.

N.C.G.S 147-86.42-84 requires that contractors with a North Carolina Local Government must not utilize any subcontractor found on the State Treasurer's Iran Divestment list or Companies Boycotting Israel list. The referenced lists can be found on the State Treasurer's website at the address www.nctreasurers.com and will be updated every 180 days.

The City of Havelock reserves the right to reject any or all proposals and to purchase items from the state contract in the efforts to award the contract to the bidder it deems to be for the best interest of the City.

This institution is an equal opportunity provider, and employer.

Contact person(s) for information on this bid:

For questions in regards to the bid specifications, the City requires and only responds to questions submitted in writing and sent via email to: Bids@havelocknc.us

Questions must be received by **2:00 PM (EST) on Friday, June 26, 2020**. If questions are received, the City will respond no later than **12:00 PM (EST) on Tuesday, June 30, 2020**.

This is the 12th day of June 2020

Published: Vendor Registry June 12, 2020

CITY OF HAVELOCK

Lee W. Tillman
Director of Finance



**STATE OF NORTH CAROLINA
AFFIDAVIT
CITY OF HAVELOCK**

I, _____ (the individual attesting below), being duly authorized by and
on behalf of _____ (the entity hereinafter "Employer") after first
being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of employee through E-Verify in accordance with NCGS §64-26(a).
3. Employer is a person, business entity, or other organization that transacts business in the State and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES_____, or
 - b. NO_____
4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project, Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This _____ day of _____, 20_____.

Signature of Affiant: _____

Print or Type Name: _____

State of North Carolina County of _____

Signed and sworn to (or affirmed) before me, this the

Bid Sheet

Base Bid: _____

NC Sales Tax: _____

Delivery Cost (if applicable): _____

Total Cost to City: _____

Bids must include an itemized schedule by quantity, unit price and total for each work element.

Company Name: _____

Company Address: _____

Contact Person: _____

Telephone Number: _____

NC Contractor's License Type and Number: _____

Number of Addendums Acknowledged (circle one): N/A 1 2 3 4

As of the date listed below, the vendor or bidder listed above is compliant with N.C.G.S. 147-86.42-84, the Iran Divestment Act and the Companies Boycotting Israel Act.

Authorized Signature: _____

Print Name of Authorized Signature: _____

Title: _____

Address Bid to: Lee Tillman, Director of Finance
 City of Havelock
 P.O. Drawer 368
 1 Governmental Avenue
 Havelock, NC 28532
 Bids@Havelocknc.us

Please indicate the Bid name on the outside of the envelope.

City of Havelock
Pineview Pump Station Repairs

Scope of Work

1. Summary of Work

- A. Pineview pump station is located 0.25 miles west of the intersection of Main Street and Pineview Street, perpendicular to Joe's Branch.

Work at this site shall include:

1. Set-up by-passing effort.
2. Removal and replacement of suction and discharge isolation valves within drywell vault.
3. Removal and replacement of check valves within drywell vault.
4. Drywell floor rehabilitation.
5. Removal and replacement of pumps (2 each).
6. Removal and installation of pump control panel to include associated power and float control wiring and conduits out of vault, at grade under enclosure.
7. Removal and replacement of all piping in drywell, except manifold.
8. By-pass pumping during the work will be required from two upstream manholes. By-pass pump discharge will be connected to existing by-pass connection on the force main. Confirm location by-pass pumping.

2. General Information

- A. The existing pump station consist of a wet well/dry well arrangement. The wet well is 8-foot diameter precast concrete manhole, approximately 18 feet deep. The dry well is an approximately 48" diameter steel structure with a 3feet high entrance tube three (3) feet above grade. Pumps are located at bottom of dry well vault.
- B. The existing pumps are a 10hp-840gpm and a 5hp-376gpm.
- C. The site shall be secured at the end of each work day and when no personnel are on site.

3. By-pass Pumping

- A. By-pass pumping will be required to allow for replacement of valves, pumps, and associated piping within the dry well, from isolation valve to downstream manifold. By-pass system will require one duty and one standby pump capable of delivering 1000gpm at a total dynamic head of 100 feet. Contractor shall coordinate with the owner prior to installing and start-up of by-pass systems.

- B. The contractor is required to furnish all materials, labor, equipment, power, fuels, fuel storage, maintenance, etc. to implement a temporary pumping system for the purpose of diverting the existing flow around work area on a daily basis for the duration of the project. The bypass system shall meet the requirements of all codes and regulatory agencies having jurisdiction. Contractor shall also be responsible for any and all fines imposed by local, state, and/or federal agencies for failure to maintain flows or contain spills and/or overflows. By-pass pumps shall be of silent dry-prime pump nature, or equivalent.
- C. By-pass pumping operation must be manned or be set up with floats and automatic on/off mode at all times that pumps are operating. Contractor shall provide auto dialer alarm system for by-pass pumping system.

4. Materials

A. General

- 1. Contractor shall field verify all sizes, diameters, and dimensions of isolation valves, gate valves, piping, etc. to be replaced prior to ordering new materials. Owner shall not be held liable for omissions or errors.

B. Gate Valves

- 1. Gate valves shall be of non-rising stem design, shall fully comply with the requirements of AWWA C509 for resilient-seated gate valves. Gate valves shall be designed for a minimum working pressure of 250psi and a test pressure of 500psi.

C. Check Valves

- 1. Existing check valves are Clow-Kennedy 10334 spring assisted closure. Provide new valves of same brand or equal.

5. Pumps

A. Dry Well Houses Two (2) Pumps

- 1. Remove pump #2 complete assembly. Replace with Fairbanks 4" B5433 vertical Bilttogether pump, 10hp marathon motor, 1200rpm, 3/60/230-240 volt, conditions of service 300gpm at 55' tdh.
- 2. Pump #1 replace with Fairbanks 4" B5433 vertical Bilttogether pump rotation assembly, CCW rotation to fit existing Fairbanks 4" B5433 10hp marathon motor, 1200rpm 3/60/230-240 volt conditions of 300gpm at 55 feet tdh. The rotation assembly includes all pump parts, (except volute, existing volute to be reused), suction cover, vertical stand and elbow and includes motor.

Note: See attachment "A" for pump location and orientation.

"Photograph for reference only".

6. Piping

- A. Remove and replace all existing piping and fittings associated with drywell pumping assembly from valves to manifold. Contractor shall field verify all sizes and dimensions of existing system prior to ordering new materials.
- B. Existing piping to remain.
 - 1. Piping from wet well to inside dry well.
 - 2. Vertical discharge piping from flange at "T" fitting to force main. This piping will be reused, except manifold.

7. Water Service

- A. Install 1" yard hydrant.

8. Dry Well Floor Structure Repair

- A. Existing floor has fiber glass surface.
 - 1. Clean existing floor by pressure washing, abrasive blasting, mechanical wire brushing, etc. to remove all flaking and loose material(s). Remove all preparation debris. Prepare floor surface to receive new fiberglass coating. Entire floor surface shall be coated.
 - 2. Pressure grout below floor surface to fill any voids that may exist between subsoil and floor structure.

9. Electrical Wiring and Pump Control Panel

- A. Contractor shall supply and install new pump control panel complete with wet well float switch system. See attached diagram. Control panel shall be located in a wooden enclosure. Wooden enclosure to have 3 open sides with backside as backer board, one-foot clearance on all other sides, four 4" x 4" wooden posts, cover (roof) to be one-half inch plywood, and shingles. Post embedment's depth equal to one-third height. Eave height to be two feet above top of panel.
- B. Control panel to include NEMA 4X type 304 stainless steel mounted above grade adjacent to existing electrical rack. See attached photograph. Contractor shall provide training for owner representatives upon completed installation and start-up of new pumps and controls.
- C. Conduit and wiring for new control panel
 - 1. Contractor shall remove existing junction box located on exterior of dry well access enclosure (see attached photograph) and replace with new NEMA 4X type 304 stainless steel with hinged front. Provide new conduits from new junction box to new control panel. All above ground conduits shall be galvanized rigid steel

PVC coated. PVC conduit can be used below grade. Provide two (2) hole straps where necessary to secure conduits.

10. Site Restoration

- A. Contractor shall repair all areas affected by construction activities to pre-construction condition or better. Provide top soil, seeding, and mulch at a minimum. Seeded areas shall be smooth and level suitable for mowing upon establishment of turf. Remove all rocks and debris that could damage mowers or be discharged from mower deck causing damage or injury to surrounding areas.

11. Photographs

- A. Photographs are for reference only. Contractor shall be responsible for conducting on site investigation to determine existing conditions above ground and inside dry well.

12. Dry Well Access

- A. Dry well shall be treated as a “permit required confined space” at all times. Contractor's operation shall conform to the current OSHA standards for conducting work in confined spaces, including permit.

13. General Provisions

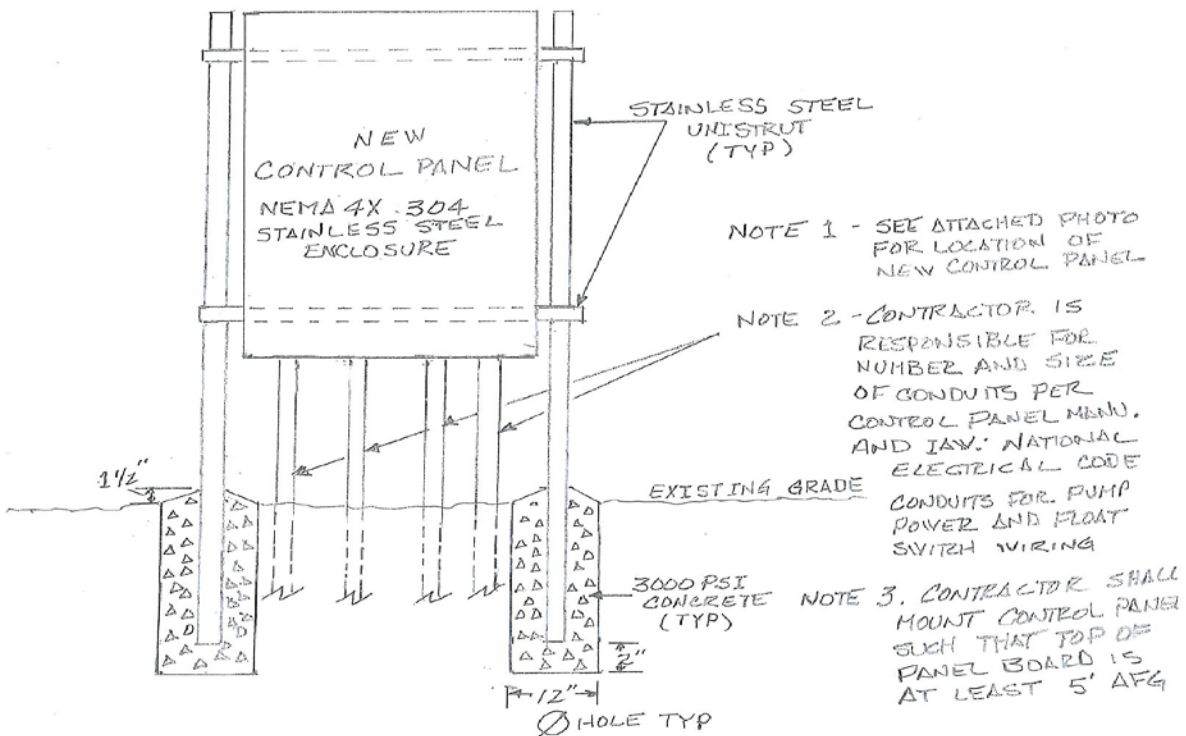
- A. Contractor shall comply with all requirements of OSHA 1926.
- B. Work shall commence no later than twenty-one (21) days from the Notice to Proceed.
- C. Work hours shall be 8am to 5pm, Monday through Friday. No work shall be performed on City holidays. All work to be conducted outside established work hours must be scheduled with the City 48 hours in advance and is subject to approval.
- D. Contractor will obtain all necessary permits. Permits required by City of Havelock are provided free of charge.
- E. Roadway repair is the responsibility of the contractor.
- F. All necessary efforts shall be made to control erosion and sediment release while this project is under construction.
- G. The Contractor is to clean and remove all debris at the end of each work day.
- H. All underground utilities are to be 811 located, prior to work being started.
- I. Contractor is responsible for all damage to existing roads, driveways, drainage, or utilities that occur as a result of the construction of the project.
- J. Contractor is responsible for all damage to City property that occur as a result of the construction of the project.

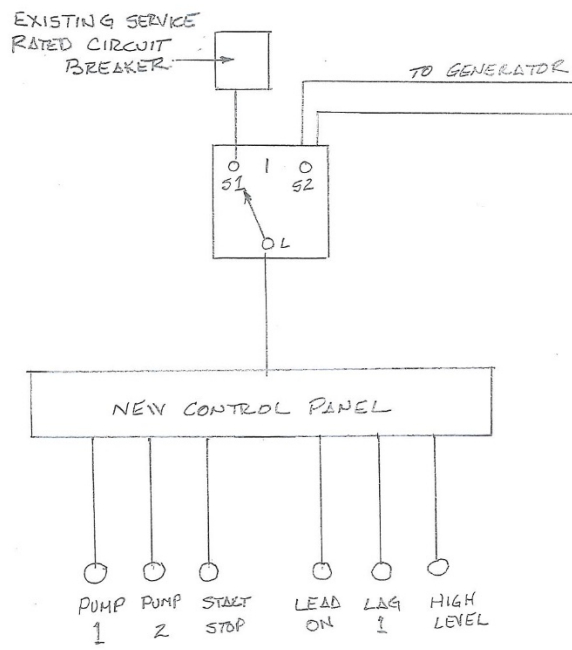
- K. Contractor shall provide safety measures during entire length of the project.
- L. Contractor is responsible for the storage and safety of all materials and equipment on jobsite.

14. Liquidated Damages

The Contractor agrees to pay the owner \$1000 per day in liquidated damages for each day beyond the duration described below for the period of performance.

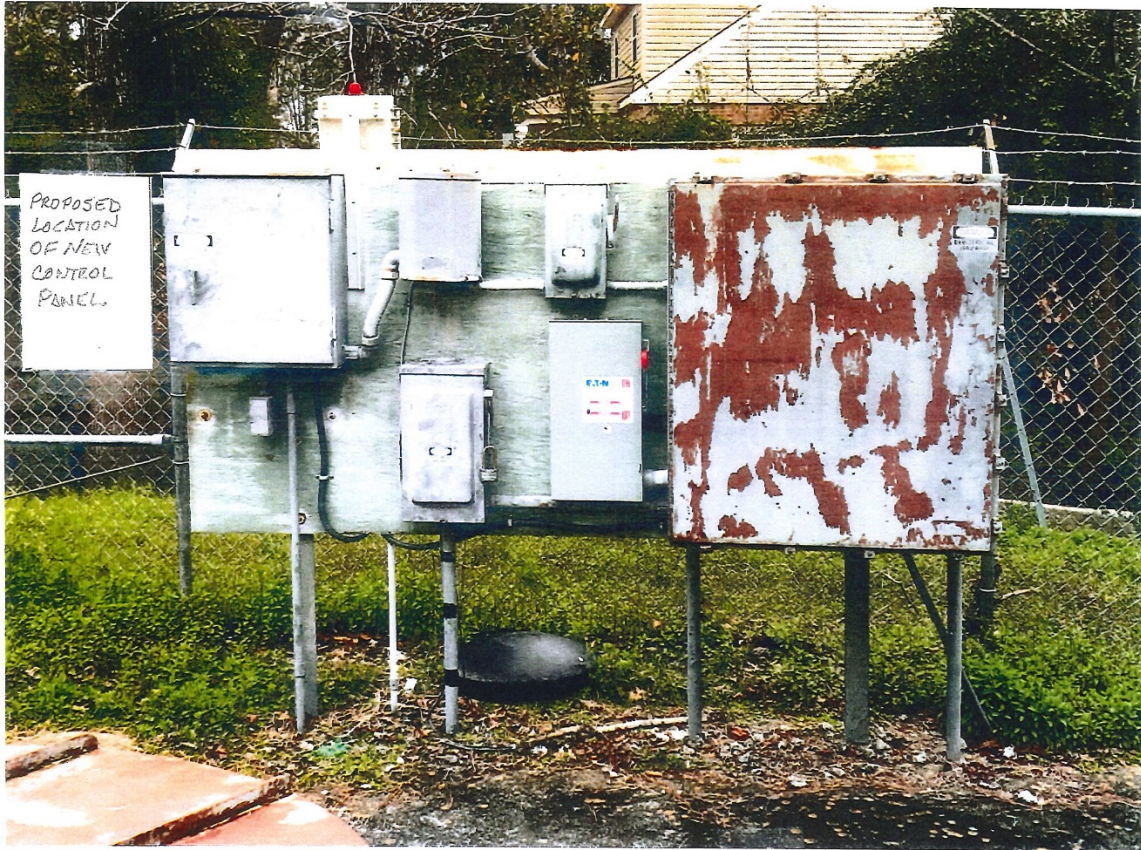
15. Drawings and Photographs



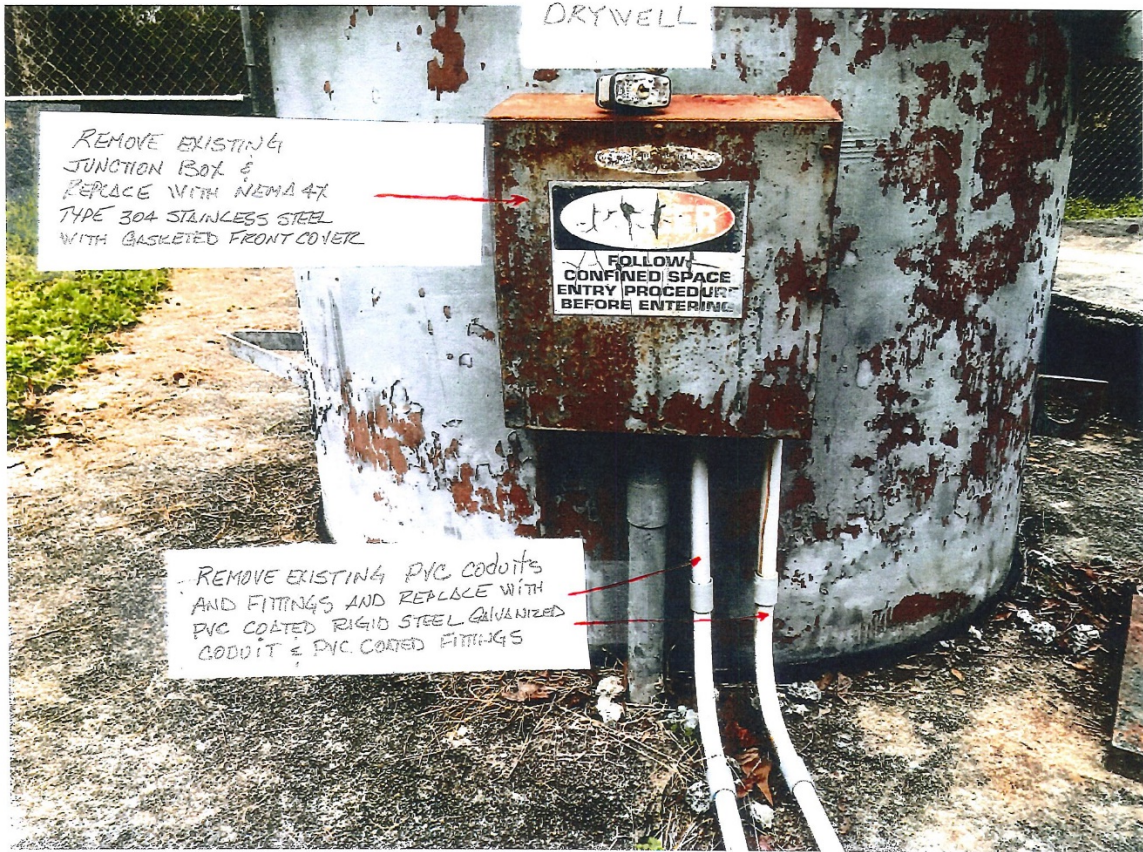


SINGLE LINE
DIAGRAM
PINEVIEW PUMP STATION

EXISTING ELECTRICAL RACK



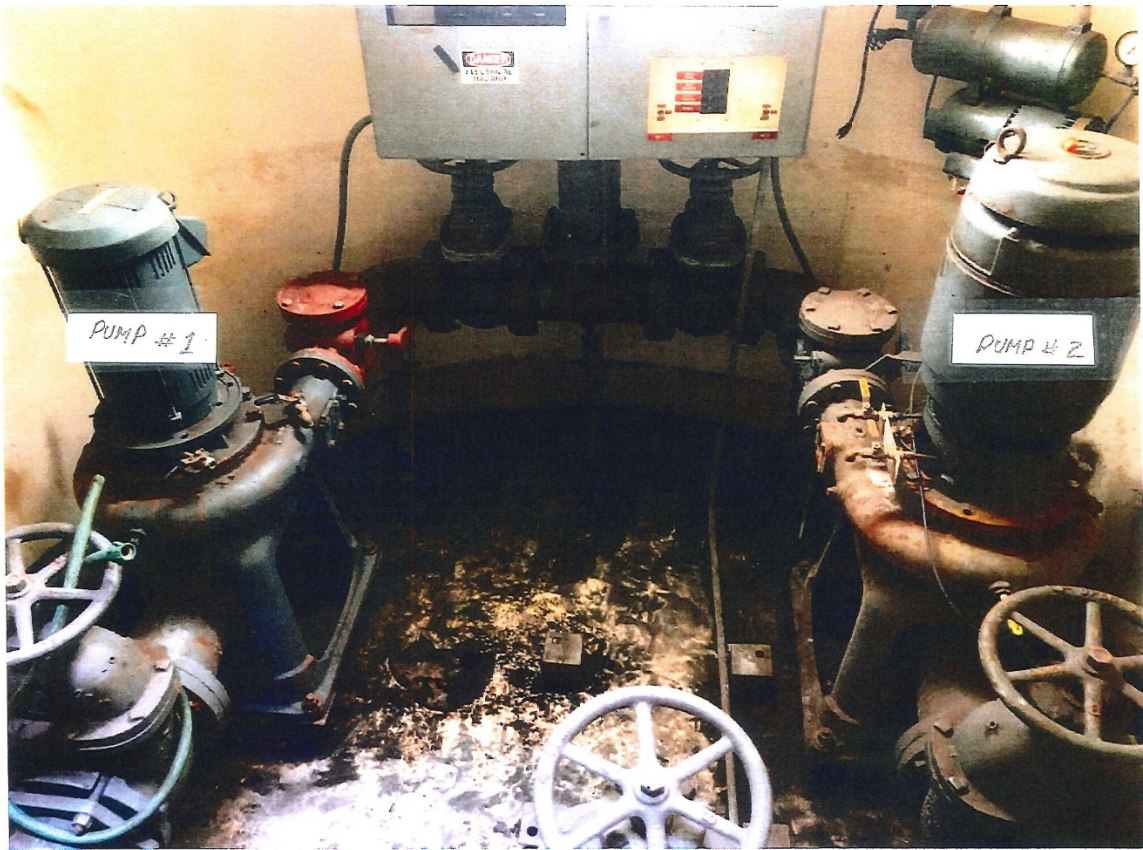
FOR REFERENCE ONLY



FOR REFERENCE ONLY



ATTACHMENT 'A' FOR REFERENCE ONLY



FOR REFERENCE ONLY

