



January 14, 2025

**INVITATION TO BID  
BL011-25**

The Gwinnett County Board of Commissioners is soliciting competitive sealed bids from qualified contractors for the **Provision of Instrumentation Calibration, Maintenance, Repair and Replacement on a Multi-Year Contract.**

**Bid Submittal Date and Location:**

Bids should be typed or submitted in ink and returned in a sealed container marked on the outside with the BL# and Company Name. Bids will be received until 2:50 P.M. local time on **January 31, 2025** at the Gwinnett County Financial Services - Purchasing Division – 2<sup>nd</sup> Floor, 75 Langley Drive, Lawrenceville, Georgia 30046. Any bid received after this date and time will not be accepted. Bids will be publicly opened and read at 3:00 P.M. Apparent bid results will be available the following business day on our website [www.gwinnettcounty.com](http://www.gwinnettcounty.com).

**Instruction on Submitting Questions:**

Questions regarding bids should be directed to Brittany Bryant, CPPB, Purchasing Associate III, at [Brittany.Bryant@GwinnettCounty.com](mailto:Brittany.Bryant@GwinnettCounty.com) or by calling 770-822-7759, no later than **3:00PM on January 23, 2025**. Bids are legal and binding upon the vendor when submitted. All bids should be submitted in duplicate.

Successful contractors will be required to meet insurance requirements. The Insurance Company should be authorized to do business in Georgia by the Georgia Insurance Department and must have an A.M. Best rating of A-7 or higher.

Gwinnett County does not discriminate on the basis of disability in the admission or access to its programs or activities. Any requests for reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County Government should be directed to the ADA Coordinator at the Gwinnett County Justice and Administration Center, 770-822-8165.

The written bid documents supersede any verbal or written prior communications between the parties.

Award will be made to the contractor(s) submitting the lowest responsive and responsible bid. Gwinnett County reserves the right to reject any or all bids to waive technicalities and to make an award deemed in its best interest. Bids may be split or awarded in entirety. Gwinnett County reserves the option to negotiate terms, conditions and pricing with the lowest responsive, responsible vendor(s) at its discretion.

Award notification will be posted after award on the County website, [www.gwinnettcounty.com](http://www.gwinnettcounty.com) and companies submitting a bid will be notified via email.

We look forward to your bid and appreciate your interest in Gwinnett County.

Brittany Bryant, CPPB  
Purchasing Associate III

**The following pages should be returned in duplicate as your bid:**

**Bid Schedule, Pages 8-9**

**References, Page 10**

**Code of Ethics Affidavit, Page 11**

**Contractor Affidavit and Agreement, Page 12**

### **STATEMENT OF WORK**

Contractor shall furnish all insurance, transportation, materials, supplies, parts, test equipment, calibration equipment, repair equipment, instrumentation, services, tools, supervision, labor, engineering, technical knowledge, skills, and all things necessary to provide a Multi-year Contract to assess, calibrate, perform repairs and replacements, perform regular inspections, and perform service requests for instrumentation at Gwinnett County Department of Water Resources (DWR) Sites. Instrumentation under an existing or future Gwinnett County Sole Source or Annual Contract may not be included as part of this Work.

Gwinnett County Department of Water Resources sites include all Gwinnett County Water Treatment Facilities, Water Reclamation Facilities, Water Pump Stations, Water Tanks, Water Pressure Stations, Water Diversion Structures, and Sewage Pump Stations. Gwinnett County reserves the right to add or delete any Gwinnett County owned site throughout the contract term. **(see Appendix A for Location List).**

Scheduled regular inspections to include instrument calibration (when required) and any Department of Water Resources preapproved preventative maintenance services. Any recommended repairs, replacements, or additional maintenance services must be submitted as Proposed Work and requires approval before implementation.

Proposed Work shall be written out and presented as a detailed Work Order prior to the start of Work. All costs shall be included and involve the use of specific materials, labor and equipment used to complete the Work.

The Department of Water Resources may at any time make an emergency service request to perform an inspection, preventative maintenance, calibration, repair, or replacement. The contractor shall address issues discovered during the emergency site visits with approval from the Department of Water Resources.

## SPECIFICATIONS

### 1. **GENERAL CONDITIONS**

#### 1.1. **Scope Clarifications**

- A. Each facility will define support provided by Department of Water Resources staff based on need and Department of Water Resources work force resources.
- B. The expectation is that the Contractor is using technicians, subcontractors and/or manufacturers at their discretion to do servicing or repairs on equipment that the Contractor is not certified to perform work.

#### 1.2. **Work Schedule**

- A. Coordinate all Work with Department of Water Resources site representative so that the site's functionality is not adversely impacted. Work shall not interfere with the receiving of critical shipments of operating materials and supplies nor hinder the day-to-day operation of the site.
- B. Access hours may vary between sites. Contractors may be allowed access during off hours at Department of Water Resources option.
- C. For purposes of invoicing, regular operating hours are from 7:30 AM to 3 PM on weekdays. Overtime includes weekday hours outside of Contractor's regular operating hours, weekends, and holidays.

#### 1.3. **Site Conditions**

- A. Contractor shall be responsible for obeying each site's policies regarding use of parking spaces.
- B. Contractor shall be responsible for maintaining a hazard-free work area. All tools, equipment, materials, apparatus, supplies and parts shall be neatly stored in a designated area near the work site in full compliance with OSHA regulations.
- C. Contractor may have limited use of 120-volt single phase, 208-volt 3-phase or 230-volt 3-phase electric power, and water taps, where available.
- D. Record drawings may be available upon request, but there is no guarantee to their availability or accuracy. Contractor to confirm field conditions with a site visit.

#### 1.4. **Materials and Material Storage**

- A. The Department of Water Resources reserves the right to purchase and furnish the Contractor with supplies, materials, instruments, and any other items needed to complete a project. The contractor shall then furnish only services and shall provide estimate less any such items furnished by Department of Water Resources.
  - a) When performing repairs or replacements, Contractor to ask Department of Water Resources site representative if there are spare instruments or parts that are available for Contractor use. If none are available, Contractor to furnish instrument or part.
  - b) Instruments or parts which are furnished by the Department of Water Resources will be provided on a timely basis if possible, so as not to delay Work.

- B. When replacing the existing instrument, the furnished instruments must achieve fit and function with system left in place. Unless otherwise directed by Department of Water Resources, replacement instruments to be the same make and model of the existing instrument. If the make and model is no longer available, the Contractor works with manufacturers of the existing instrument to select a comparable model to the existing and submit the results to Department of Water Resources. If no suitable replacement is available for that manufacturer, Contractor to submit recommendation for replacement from another manufacturer. Department of Water Resources approval of instrument required before installation.
- C. The contractor shall provide Department of Water Resources with a fully functional and working system upon completion of the Work.
- D. If material storage space is desired, the Contractor is to coordinate with Department of Water Resources site representative. There is no guarantee that space will be available.
- E. If the Contractor wishes to have materials delivered directly to the site, this must receive approval from Department of Water Resources site representative, and a contractor representative must be present for the delivery. There is no guarantee that direct site delivery will be permitted. If approved materials are delivered to the site, materials shall be delivered to site in manufacturer's original container with labels intact.

#### **1.5. Quality Requirements**

- A. Supplies, materials, devices, apparatus, components, and parts supplied and installed by Contractor shall conform to both the manufacturers and industry standards. Only parts meeting or exceeding that the original instrument will be used for repair work. Materials shall be new, free of defects and suitable for the intended use.
- B. Contractor shall comply with manufacturer's recommendations on product handling, storage, and protection.
- C. Contractor shall be in accordance with the methods and procedures of the instrument manufacturer's schematics, operational, maintenance and repair manuals, unless otherwise stated in the price schedule or purchase order. If manufacturer certified technicians are required for instruments, the contractor will be asked to notify Department of Water Resources prior to work being initiated.
- D. All work shall comply with the most recent applicable standards and regulations, including but not limited to OSHA, NESHAP, NEC, NEMA, IEC, SSPC, AWWA, ANSI, ACI, and ASTM.
- E. Contractor to test instruments associated with the approved Work, and correct any deficiencies found. Contractor to leave all components and systems in safe, perfect working order.
- F. Contractor is required to maintain a complete set of records including all supporting documentation and written correspondence for all Work performed under this contract for the life of the contract plus one full year thereafter. The County reserves the right to access and to review any such records during this time period.

**1.6. Work Orders**

- A. Work Orders to include an estimated completion time and a detailed cost estimate of labor and materials in accordance with the contract Bid. The cost estimate will be binding.
- B. Work exceeding the scope of the original binding estimate must be approved in writing by Department of Water Resources on a case-by-case basis before the fact, and only after Contractor has submitted a detailed written explanation for the need, a firm not-to-exceed cost to complete the project, and a firm project completion date. Verbal agreements between the County and Service provider are not binding.
- C. Assessments, Regular Inspections, and Proposed Work cannot commence without Department of Water Resources written approval of the Work Order.
- D. Assessment and Investigation Reports may be used as supplements to a Work Order for Proposed Work.
- E. At the request of Department of Water Resources, Contractor may be required to furnish a comprehensive bill of materials before authorization to begin is given.

**1.7. Invoice Documentation**

- A. Invoices shall include the Purchase Order number and the contract number.
- B. Invoices shall be based on actual labor and materials used to perform Work, not the estimate. Materials provided by Department of Water Resources are not to be included on the invoice.
- C. All labor costs must be tied to the rates in the Bid Schedule. Contractor travel time may be included with the labor hours. Compensation for mileage will not be given.
- D. All Contractor furnished materials used must be listed on the original invoice submitted for payment. Department of Water Resources reserves the right to audit the Contractor's invoices for parts, as it deems necessary.

**1.8. Standards, Permits and Licenses**

- A. The contractor shall be financially responsible for obtaining all licenses and permits required to comply with any regulatory agency in order to perform work under these specifications.
- B. Contractor shall be responsible for obtaining any permits or licenses required by the Federal Government, State of Georgia, or Gwinnett County to perform work under these specifications. Safety regulations shall conform to the current Occupational Health and Safety Act (OSHA) and National Institute for Occupational Safety and Health (NIOSH) requirements. Inspections and maintenance for electrical repairs shall conform to the 1999 National Electrical Testing Association (NETA) Standards and to the 1999 National Electrical Code (NEC). National Electrical Manufacturers Association (NEMA) Standards shall be used in lieu of European standards with regards to equipment and apparatus replacement.

### 1.9. Experience

To be considered for this contract, Contractors should have a **minimum of five (5) years'** experience in the maintenance and repair of water and wastewater instrumentation including incidental electrical apparatus and shall furnish references and proof of competency from past jobs.

Individual technicians must be able to perform resident technical field support in data collection, assessments, inspections, repairs, replacements, and calibration of equipment. Decide on appropriate procedures and perform necessary field work to get instrumentation operable and vendor certified when required. Capable of developing alternative methods for the solution of specific problems for both short-term/immediate needs and long-term Department of Water Resources -manufacturer approved needs. Collect, gather and maintain specified records of key instrumentation data, perform analysis and computations necessary to effectively assess, inspect and calibrate water and wastewater facilities treatment, monitoring, reporting and control components. **Qualifications: 5 years of field instrumentation assessment, inspection and/or calibration or equivalent experience. The Department of Water Resources may request documentation of Technician's experience at any time during the contract term.**

## 2. REGULAR INSPECTIONS

### 2.1. Inspection Requirements

- A. Contractor to provide inspection at regular intervals as directed by Department of Water Resources. Interval may be based on the results of an assessment, or at the discretion of Department of Water Resources.
- B. A Work Order must be provided for approval that provides the cost to perform the regular inspection. Approval must be received prior to commencing with the inspection.
- C. Contractor to adhere inspection schedule agreed upon with Department of Water Resources.
- D. Inspection services to include:
  - a) Calibration of the instruments (as needed)
  - b) Previously approved preventative maintenance as directed by Department of Water Resources.
  - c) Inspection of instruments and submission of an associated Inspection Report
- E. Inspection services will not include repairs or replacements. Repairs and replacements to follow when Proposed Work is approved.

### 2.2. Inspection Report

- A. Inspection Report to include the following information for each inspected instrument in Excel format:
  - a) Site Name
  - b) Facility Name or Number, for sites with multiple facilities
  - c) Instrument Tag Number
  - d) Instrument Type
  - e) Instrument Manufacturer/Make Instrument Model
  - f) Instrument Serial Number
  - g) Results of calibration or preventative maintenance activities performed
  - h) (when applicable)

- i) Proposed Work to perform (repair, replace, etc.)
  - j) Cost associated with Proposed Work
- B. Inspection Report inputs that are common to multiple instruments are to be consistent across common instruments and used consistently across all sites. It shall also be consistent with inputs used on Assessment Reports. Intent is to be able to filter the Excel report by different criteria, which is done so by using consistent inputs.
- a) Example: An input "Manufacturer A" is being used, it should always be written as such. There should not be variations like "Manu. A" and "Manufacturer A, Inc."
- C. The Department of Water Resources may request multiple sites be included on a single Inspection Report.
- D. The Inspection Report is to be submitted to the Department of Water Resources for review.
- a) Department of Water Resources to provide Contractor with approval of Proposed Work prior to Contractor implementing Work.
- E. Inspection Report may be used as a supplement for a Work Order.
3. **INSTRUMENTATION PURCHASE AND REPLACEMENT (see Appendix B for Itemized Instrumentation List)**
- The Department of Water Resources may procure new or replacement instrumentation during the contract term. Some of the instrumentation may be covered under other contract agreements, such as annual contracts or sole sources. Therefore, Gwinnett County reserves the right to purchase applicable instrumentation through other contracts.
4. **EMERGENCY SERVICE REQUIREMENTS**
- The Department of Water Resources may contact Contractor at any time to schedule emergency service. The contractor shall be on site to address the request within 48 hours unless otherwise allowed by the Department of Water Resources. Contractors will not be required to provide an estimate of the cost of the service prior to implementation.
5. **WARRANTY**
- All installed systems to be under warranty, including all parts, labor, and workmanship, for at least one (1) year from date of acceptance by the Department of Water Resources against manufacturing defects, defective materials and/or workmanship. See also General Terms and Conditions.
6. **DISAGREEMENTS**
- Should any disagreement of difference arise as to the estimate, quantities or classifications or as to the meaning of the specifications, or any point concerning the character, acceptability and nature of the several kinds of work, any materials and construction thereof, the decisions of each using Department's Director or his designated Department of Water Resources representative shall be final and conclusive and binding upon all parties to the contract. Payment will be made after completion of all Work under this contract and final acceptance by Department of Water Resources. Any invoices showing discrepancies will be withheld from payment until full documentation is provided. Such documentation shall verify Contractor costs of repair parts, labor or replacement motors upon request of Department of Water Resources.

End Specifications

FAILURE TO RETURN THIS PAGE AS PART OF YOUR BID DOCUMENT MAY RESULT IN REJECTION OF BID.

**FEE SCHEDULE**

Delivery will be F.O.B. Destination, freight pre-paid and allowed to: Gwinnett County Department of Water Resources (Various locations)

ITEM #	DESCRIPTION	ESTIMATED ANNUAL QUANTITY (A)	YEAR ONE UNIT PRICE (B)	YEAR TWO UNIT PRICE (C)	YEAR THREE UNIT PRICE (D)	YEAR FOUR UNIT PRICE (E)	YEAR FIVE UNIT PRICE (F)	TOTAL PRICE [(B + C + D + E + F) * A]
1.	Technician (Regular Hours M-F 7:00 a.m. to 5:00 p.m.)	800 HRS	\$	\$	\$	\$	\$	\$
2.	Technician (After Hours and Holidays)	100 HRS	\$	\$	\$	\$	\$	\$
ITEM #	DESCRIPTION	ESTIMATED QUANTITY (A)	PERCENT MARK-UP (B)		TOTAL PRICE (A * B) + A			
3.	Parts, Supplies and Materials will be billed at Invoice, cost plus (Not to exceed 10%)	\$80,000.00	%		\$			
4.	DWR Authorized Sub-Contractors will be billed at Invoice, cost plus (Not to exceed 10%)	\$15,000.00	%		\$			
5.	DWR Authorized Rental Equipment will be billed at Invoice, cost plus (Not to exceed 10%)	\$5,000.00	%		\$			
<b>TOTAL (LINE ITEMS 1-5)</b>								<b>\$</b>

NOTE: FREIGHT SHALL BE INCLUDED IN THE COST FOR REPAIR PARTS, REPLACEMENT MOTORS, ETC. UNLESS AN EMERGENCY SITUATION IS APPROVED BY THE DEPARTMENT REPRESENTATIVE AND REQUIRES VENDOR TO HAVE PARTS SHIPPED OVER-NIGHT OR EXPRESS DELIVERED.

The services to be performed under this Agreement shall commence on March 09, 2025, or upon award. The initial term of this Agreement shall be through December 31, 2025. This Agreement shall terminate absolutely and without further obligation on the part of the County at the close of the calendar year of execution and at the close of each succeeding calendar year of renewal, if renewed. This Agreement shall be automatically renewed upon the same terms and conditions unless the County terminates the Agreement on the day of the close of the calendar year in which it was executed or within sixty (60) days after the day of the close of the calendar year of execution or of each succeeding calendar year for which it may be renewed, for a total lifetime obligation of five (5) years. If applicable, title to any supplies, materials, equipment or other personal property shall remain in the vendor until fully paid for by the County. In addition, this Agreement will terminate immediately and absolutely when appropriated and otherwise unobligated funds are no longer available to satisfy the obligations of the County under the Agreement. Any obligation of the County hereunder is only for such sums payable during the calendar year of execution or each calendar year of renewal, if renewed.

COMPANY NAME \_\_\_\_\_

FAILURE TO RETURN THIS PAGE AS PART OF YOUR BID DOCUMENT MAY RESULT IN REJECTION OF BID.

**FEE SCHEDULE CONTINUED**

**Termination for Cause:** The County may terminate this agreement for cause upon ten days prior written notice to the contractor of the contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the County's rights or remedies by law.

**Termination for Convenience:** The County may terminate this agreement for its convenience at any time upon 30 days written notice to the contractor. In the event of the County's termination of this agreement for convenience, the contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the contractor, which shall itemize each element of performance.

**Termination for Fund Appropriation:** The County may unilaterally terminate this Agreement due to a lack of funding at any time by written notice to the Contractor. In the event of the County's termination of this Agreement for fund appropriation, the Contractor will be paid for those services actually performed. Partially completed performance of the Agreement will be compensated based upon a signed statement of completion to be submitted by the Service Provider which shall itemize each element of performance.

Bidder has examined Bid Document Package and following addenda:

No. _____ Dated _____	No. _____ Dated _____
No. _____ Dated _____	No. _____ Dated _____

Certification Of Non-Collusion In Bid Preparation \_\_\_\_\_  
Signature Date

In compliance with the attached specifications, the undersigned acknowledges all requirements outlined in the "Instructions to Vendors" and all documents referred to therein, if this bid is accepted by the Board of Commissioners within ninety (90) days of the date of bid opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, delivered to the designated point(s) within the time specified in the fee schedule. By submission of this bid, I understand that Gwinnett County uses Electronic Payments for remittance of goods and services. Vendors should select their preferred method of electronic payment upon notice of award. For more information on electronic payments, please refer to the [Electronic Payment](#) information in the instructions to vendors.

Legal Business Name \_\_\_\_\_

Address \_\_\_\_\_

Does your company currently have a location within Gwinnett County? Yes  No

Representative Signature \_\_\_\_\_ Printed Name \_\_\_\_\_

Telephone Number \_\_\_\_\_ E-mail Address \_\_\_\_\_

Contact Person (if someone other than the authorized representative listed above) \_\_\_\_\_

Telephone Number \_\_\_\_\_ E-mail Address \_\_\_\_\_

*FAILURE TO RETURN THIS PAGE AS PART OF YOUR BID DOCUMENT MAY RESULT IN REJECTION OF BID.*

**REFERENCES**

Gwinnett County requests a minimum of three (3) references where work of a similar size and scope has been completed.

Note: References should be customized for each project, rather than submitting the same set of references for every project bid. The references listed should be of similar size and scope of the project being bid on. Do not submit a project list in lieu of this form.

- 1. Company Name \_\_\_\_\_  
Brief Description of Project \_\_\_\_\_  
Completion Date \_\_\_\_\_  
Contract Amount \$ \_\_\_\_\_ Start Dates \_\_\_\_\_  
Contact Person \_\_\_\_\_ Telephone \_\_\_\_\_  
E-Mail Address \_\_\_\_\_
- 2. Company Name \_\_\_\_\_  
Brief Description of Project \_\_\_\_\_  
Completion Date \_\_\_\_\_  
Contract Amount \$ \_\_\_\_\_ Start Date \_\_\_\_\_  
Contact Person \_\_\_\_\_ Telephone \_\_\_\_\_  
E-Mail Address \_\_\_\_\_
- 3. Company Name \_\_\_\_\_  
Brief Description of Project \_\_\_\_\_  
Completion Date \_\_\_\_\_  
Contract Amount \$ \_\_\_\_\_ Start Date \_\_\_\_\_  
Contact Person \_\_\_\_\_ Telephone \_\_\_\_\_  
E-Mail Address \_\_\_\_\_

Company Name \_\_\_\_\_



**Bid # & Description:** BL011-25, Provision of Instrumentation Calibration, Maintenance, Repair and Replacement on a Multi-Year Contract

### CODE OF ETHICS AFFIDAVIT

**PLEASE RETURN THIS FORM COMPLETED WITH YOUR SUBMITTAL. SUBMITTED FORMS ARE REQUIRED PRIOR TO EVALUATION.**

In accordance with Section 54-33 of the Gwinnett County Code of Ordinances the undersigned bidder/proposer makes the following full and complete disclosure under oath, to the best of their knowledge, of the name(s) of all elected officials whom it employs or who have a direct or indirect pecuniary interest in or with the vendor, its affiliates or its subcontractors:

1. \_\_\_\_\_  
Company Submitting Bid/Proposal

2. Please select one of the following:
- No information to disclose (*complete only section 4 below*)
  - Disclosed information below (*complete section 3 & section 4 below*)

3. If additional space is required, please attach list:

\_\_\_\_\_  
Gwinnett County Elected Official Name

\_\_\_\_\_  
Gwinnett County Elected Official Name

\_\_\_\_\_  
Gwinnett County Elected Official Name

\_\_\_\_\_  
Gwinnett County Elected Official Name

4. BY: \_\_\_\_\_  
Authorized Officer or Agent Signature

Sworn to and subscribed before me this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

(seal)

Note: See Gwinnett County Code of Ethics Ordinance E02011, Sec. 54-33. The ordinance will be available to view in its' entirety at **GwinnettCounty.com**



**Solicitation Name & No.:** BL011-25, Provision of Instrumentation Calibration, Maintenance, Repair and Replacement on a Multi-Year Contract

**CONTRACTOR AFFIDAVIT AND AGREEMENT  
(THIS FORM SHOULD BE FULLY COMPLETED AND RETURNED WITH YOUR SUBMITTAL)**

By executing this affidavit, the undersigned contractor verifies its compliance with The Illegal Immigration Reform Enhancements for 2013, stating affirmatively that the individual, firm, or corporation which is contracting with the Gwinnett County Board of Commissioners has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security] to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act, in accordance with the applicability provisions and deadlines established therein.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services or the performance of labor pursuant to this contract with the Gwinnett County Board of Commissioners, contractor will secure from such subcontractor(s) similar verification of compliance with the Illegal Immigration Reform and Enforcement Act on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the Gwinnett County Board of Commissioners at the time the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
E-Verify \* User Identification Number

\_\_\_\_\_  
Date Registered

\_\_\_\_\_  
Legal Company Name

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City/State/Zip Code

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Contractor Signature)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE  
\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

<b>For Gwinnett County Use Only:</b> <b>Document ID #</b> _____ <b>Issue Date:</b> _____ <b>Initials:</b> _____
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\* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is "E-Verify" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).



**Insurance:**

Contractor shall provide evidence of insurance for at least the coverage and amounts set forth below. All insurance shall be maintained in the form and with a company (or companies) satisfactory to the Gwinnett County Board of Commissioners. The Contractor and their Subcontractor’s/vendor’s Certificates of Insurance shall require that the County be notified in writing thirty (30) days prior to cancellation, modification, or non-renewal of any insurance policy listed on the certificate(s). Upon request, the County will be provided certified copies of all required insurance policies.

**A. Minimum Coverage**

Commercial General Liability (Occurrence Form):

General Aggregate (other than Prod/Comp Ops Liability)	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal & Advertising Injury Liability	\$1,000,000
Each Occurrence	\$1,000,000

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsement CG 20 10 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) and CG 2037 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) must be provided with your Certificate of Insurance.
- Primary and Non-Contributory Endorsement to be specified in writing
- Contractual Liability
- Broad Form Property Damage
- Severability of Interest
- Underground, explosion, and collapse coverage
- Personal Injury (deleting both contractual and employee exclusions)
- Incidental Medical Malpractice
- Hostile Fire Pollution Wording
- Include Waiver of Subrogation in favor of Gwinnett County Board of Commissioners
- If project or operations are within 50 ft of a railroad, Contractor is required to name the specific Railroad as an Additional Insured and provide a copy of the Additional Insured Endorsement CG2417 or its equivalent.
- In the event the General Liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained, or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.

Automobile Liability to include:

Combined Single Limit – Each Accident	\$1,000,000
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- Comprehensive form providing coverage for bodily injury, death of any person, and property damage arising out of the ownership, maintenance, and use of all owned, non-owned, leased, hired, borrowed vehicles, and any other statutorily required automobile coverage.

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsements must be provided with the Certificate of Insurance
- Coverage to include loading and unloading
- Contractual Liability

Worker's Compensation & Employer's Liability Coverage to include:

Workers Compensation Employers Liability	Georgia State Statutory Limits
Bodily Injury by Accident – Each Accident	\$ 500,000
Bodily Injury by Disease – Policy Limit	\$ 500,000
Bodily Injury by Disease – Each Employee	\$ 500,000

- Waiver of Subrogation in favor of Gwinnett County Board of Commissioners

Umbrella/Excess Liability Insurance with policy limits as determined by Contract Sums (higher limits may be required depending on the extent of contract):

Contract Sums:

Contracts up to \$999,999 Each Occurrence and Aggregate Limit	\$1,000,000
Contracts from \$1,000,000 to \$1,999,999 Each Occurrence and Aggregate Limit	\$3,000,000
Contracts from \$2,000,000 to \$4,999,999 Each Occurrence and Aggregate Limit	\$5,000,000
Contracts Over \$5,000,000 Each Occurrence and Aggregate Limit	\$10,000,000

- Concurrency of Effective Dates with Primary
- Blanket Contractual Liability
- Drop Down Feature
- Umbrella Policy must be as broad as the primary policy.
- Coverage excess over General Liability, Business Auto Liability, and Employers Liability
- In the event the Umbrella/Excess Liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.
- Evidence of coverage in the form of a Certificate of Insurance shall be provided to the County prior to start of work.
- Gwinnett County Board of Commissioners shall be Additional Insureds.
- Contractor shall be liable for money, securities, or other property of the County.
- Such coverage shall include an owner coverage endorsement for County and County shall be included as a loss payee.
- Additional Insured Endorsements must be provided with the Certificate of Insurance

Cyber Liability Insurance: Applies if scope of work includes the storage or transfer of any County data or sensitive data (including but not limited to personally identifiable, health, or payment card data) or the related hosting of database(s) or internet site(s):

Limit of Insurance per Claim	\$1,000,000
Aggregate Limit	\$1,000,000

The Contractor shall maintain insurance coverage for network security and privacy risks, including, but not limited to, insurance for data breach or introduction of virus or malicious codes, consumer notification, whether or not required by law, forensic investigation, public relations and crisis management and credit or identity monitoring or similar remediation services, unauthorized access, failure of security information theft, damage to destruction of or alteration of electronic information, breach of privacy perils, wrongful disclosure and release of private information, collection, or other negligence in the handling of confidential information, and including coverage for related regulatory fines, defenses, and penalties allowed by law.

Property Insurance:

The Contractor is fully and solely responsible for any physical loss or damage to all tools, equipment, construction office trailers and their contents, vehicles or any other personal property utilized in the performance of the Contractor's work. Contractor agrees to waive its rights of recovery and cause its insurers, if any, to waive their rights of subrogation against Owner and Company for any such damage or loss, however caused.

Riggers Liability Insurance:

If any work to be performed involves the rigging, lifting, lowering or moving of property or equipment, then those parties performing such work shall carry Rigger's Liability Insurance in an amount adequate to insure against the physical loss or damage to the property or equipment in its care

Aviation Insurance: Applies if scope of work requires the use of aircraft, including helicopters, unmanned aircraft systems (e.g., drones) and/or fixed-wing aircraft:

Maintain (or require aircraft owner or operator to maintain), and Contractor shall furnish proof of, Aircraft Liability insurance with minimum limits of \$10,000,000 per occurrence for bodily injury and property damage of all aircraft.

Unmanned aircraft systems, minimum limits of \$2,000,000 for bodily injury, property damage, and personal injury (including invasion of privacy) for unmanned aircraft systems, and guest voluntary settlement bodily injury coverage (for any aircraft except unmanned aircraft systems)

- Such policy shall include contractual liability covering all owned and non-owned aircraft
- If the party providing the Aircraft Liability insurance is not Contractor, then Contractor shall require such party to (a) waive any subrogation rights of recovery they and/or their insurance carriers may have against County and any other indemnified parties and (b) name County and such other parties as Additional Insureds
- The Contractor shall (or shall require aircraft owner or operator) to hire, employ, and utilize pilots certified by the Federal Aviation Administration to operate any such aircraft.

- B. Gwinnett County Board of Commissioners (and any applicable Authority) must be specified in writing as an Additional Insured on General Liability, Auto Liability and Umbrella Liability policies.
- C. The cancellation should provide 10 days' notice for nonpayment and 30 days' notice of cancellation.
- D. Certificate Holder should read:

Gwinnett County Board of Commissioners  
75 Langley Drive  
Lawrenceville, GA 30046-6935

- E. Insurance Company, except Worker' Compensation carrier, must have an A.M. Best Rating of A-7 or higher. Certain Workers' Comp funds may be accepted subject to the approval of the Gwinnett County Insurance Unit. European markets including those based in London and domestic surplus lines markets that operate on a non-admitted basis are exempt from this requirement provided that the Contractor's broker/agent can provide financial data to establish that a market is equal to or exceeds the financial strengths associated with the A.M. Best's rating of A-7 or better.
- F. Insurance companies providing coverage should be licensed, and authorized to do business by the Office of the Insurance and Safety Fire Commissioner of Georgia ("Insurance Commissioner"), with the exception of non-admitted carriers, in which case the broker placing coverage should be licensed by the Insurance Commissioner. All agents placing coverage should be licensed by the Insurance Commissioner, either as a resident or non-resident.
- G. Certificates of Insurance, and any subsequent renewals, must reference each corresponding bid/contract by project name and project/bid number, if applicable.
- H. The Contractor shall agree to provide complete certified copies of current insurance policy(ies) or a certified letter from the insurance company(ies) if requested by the County to verify compliance with these insurance requirements.
- I. All insurance coverage required to be provided by the Contractor shall state that it is primary over any insurance program carried by the County.
- J. Contractor shall incorporate a copy of the insurance requirements as herein provided in each and every subcontract with each and every subcontractor in any tier and shall require each and every subcontractor of any tier to comply with all such requirements. The Contractor agrees that if for any reason a subcontractor fails to procure and maintain insurance as required, all such required Insurance shall be procured and maintained by Contractor at Contractor's expense.
- K. No Contractor or Subcontractor shall commence any work of any kind under this Contract until all insurance requirements contained in this Contract have been complied with and until evidence of such compliance satisfactory to Gwinnett County as a to form and content has been filed with Gwinnett County. The ACORD Certificate of Insurance or a preapproved substitute is the required form in all cases where reference is made to a Certificate of Insurance or an approved substitute.
- L. The Contractor and its insurer(s) shall agree to waive all rights of subrogation against the County, the Board of Commissioners, its officers, officials, employees, and volunteers from losses arising from work performed by the Contractor for the County.
- M. Special Form Contractors' Equipment and Contents Insurance covering owned, used, and leased equipment, tools, supplies, and contents is required to perform the services called for in the Contract. The coverage must be on a replacement cost basis. The County will be included as a Loss Payee in this coverage for County owned equipment, tools, supplies, and contents.
- N. The Contractor shall make available to the County, through its records or the records of its insurer, information regarding any claim related to a County project. Any loss run information relating to a County project will be made available to the County upon its request.
- O. Compliance by the Contractor and Subcontractors with the foregoing insurance requirements shall not relieve the Contractor and Subcontractors of liability under the Contract and any applicable law.
- P. The Contractor and all Subcontractors are to comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, and any other laws that may apply to this Contract.
- Q. The Contractor shall at a minimum apply risk management practices accepted by the Contractors' industry.
- R. The Contractor shall advise the County if required limits of insurance become eroded or impaired.

Surety Bonds (if required)

All of the surety requirements will stay the same except the Surety Company must have the same rating as set forth in item E above.

FAILURE TO RETURN THIS PAGE MAY RESULT IN REMOVAL OF YOUR COMPANY FROM COMMODITY LISTING.

# BL011-25

**Buyer Initials: BB**

IF YOU DESIRE TO SUBMIT A "NO BID" IN RESPONSE TO THIS PACKAGE, PLEASE INDICATE BY CHECKING ONE OR MORE OF THE REASONS LISTED BELOW AND EXPLAIN.

- Do not offer this product or service; remove us from your bidder's list for this item only.
- Specifications too "tight"; geared toward one brand or manufacturer only.
- Specifications are unclear.
- Unable to meet specifications
- Unable to meet bond requirements
- Unable to meet insurance requirements
- Our schedule would not permit us to perform.
- Insufficient time to respond.
- Other

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COMPANY NAME \_\_\_\_\_

AUTHORIZED REPRESENTATIVE \_\_\_\_\_

SIGNATURE

**GWINNETT COUNTY  
DEPARTMENT OF FINANCIAL SERVICES – PURCHASING DIVISION  
GENERAL INSTRUCTIONS FOR VENDORS, TERMS AND CONDITIONS**

**\*\*\*ATTENTION\*\*\***

FAILURE TO RETURN THE FOLLOWING DOCUMENTS MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. THE COUNTY SHALL BE THE SOLE DETERMINANT OF TECHNICALITY VS. NON-RESPONSIVE SUBMITTAL:

1. FAILURE TO USE COUNTY FEE SCHEDULE.
2. FAILURE TO RETURN OR ACKNOWLEDGE APPLICABLE COMPLIANCE/SPECIFICATION SHEETS.
3. FAILURE TO RETURN OR ACKNOWLEDGE APPLICABLE ADDENDA.
4. FAILURE TO PROVIDE INFORMATION ON ALTERNATES OR EQUIVALENTS.
5. FAILURE TO PROVIDE BID BOND, WHEN REQUIRED, WILL RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. BID BONDS ARE NOT REQUIRED ON ALL SOLICITATIONS. BOND REQUIREMENTS ARE CLEARLY STATED ON THE INVITATION PAGE. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION. **IF BONDS ARE REQUIRED, FORMS WILL BE PROVIDED IN THIS SOLICITATION DOCUMENT.**
6. FAILURE TO PROVIDE CONTRACTOR AFFIDAVIT AND AGREEMENT, WHEN REQUIRED, MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND REJECTED. THE CONTRACTOR AFFIDAVIT AND AGREEMENT IS NOT REQUIRED ON ALL SOLICITATIONS. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION.
7. FAILURE TO PROVIDE AN ETHICS AFFIDAVIT WHEN REQUIRED, MAY RESULT IN SUBMITTAL BEING DEEMED NON-RESPONSIVE AND REJECTED. THE ETHICS AFFIDAVIT IS REQUIRED ON ALL FORMAL SOLICITATIONS OVER \$100,000.00. IF CLARIFICATION IS NEEDED, CONTACT THE PURCHASING ASSOCIATE LISTED IN THE INVITATION.

**I. PREPARATION OF SUBMITTAL**

- A. Each vendor shall examine the drawings, specifications, schedule, and all instructions. Failure to do so will be at the vendor's risk, as the vendor will be held accountable for their submittal.
- B. Each vendor shall furnish all information required by the solicitation form or document. Each vendor shall sign the submittal and print or type his or her name on the fee schedule. The person signing the submittal should initial erasures or other changes. An authorized agent of the vendor must sign the submittal.
- C. Fee schedule pricing should have only two decimal places unless otherwise stated. In the event of a calculation error in total price, the unit pricing prevails.
- D. Except for solicitations for the sale of real property, individuals, firms, and businesses seeking an award of a Gwinnett County contract may not initiate or continue any verbal or written communications regarding a solicitation with any County officer, elected official, employee, or other County representative other than the Purchasing Associate named in the solicitation between the date of the issuance of the solicitation and the date of the final award. The Purchasing Director will review violations. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award. Solicitations for the sale of real property may allow for verbal or written communications with the appropriate Gwinnett County representative.
- E. Sample contracts (if pertinent) are attached. These do NOT have to be filled out with the submittal but are contained for informational purposes only. If awarded, the successful vendor(s) will be required to execute these documents prior to County execution.
- F. Effective July 1, 2013 and in accordance with the Georgia Illegal Immigration Reform Enhancements for 2013, an original signed, notarized and fully completed Contractor Affidavit and Agreement should be included with vendor's submittal, if the solicitation is for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia). Failure to provide the Contractor Affidavit and Agreement with your submittal may result in being deemed non-responsive and automatic rejection.

**II. DELIVERY**

- A. Each vendor should state time of proposed delivery of goods or services.
- B. Words such as "immediate," "as soon as possible," etc. should not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) should be stated. If calendar days are used, include Saturday, Sunday, and holidays in the number.

**III. EXPLANATION TO VENDORS**

Any explanation desired by a vendor regarding the meaning or interpretation of the solicitation, drawings, specifications, etc. must be requested by the question cutoff deadline stated in the solicitation for a reply to reach all vendors before the deadline of the solicitation. Any information given to a prospective vendor concerning a solicitation will be furnished to all prospective vendors as an addendum to the solicitation if such information is necessary or if the lack of such information would be prejudicial to uninformed vendors. The written solicitation documents supersede any verbal or written communications between the parties. Receipt of addenda should be acknowledged in the submittal. **It is the vendor's responsibility to ensure they have all applicable addenda prior to their**

**submittal.** This may be accomplished by contacting the assigned Purchasing Associate prior to the submittal or visiting the Gwinnett County website.

#### **IV. SUBMISSION OF FORMAL OFFERS/SUBMITTALS**

- A. Formal bid and proposal submittals shall be enclosed in a sealed package or envelope, addressed to the Gwinnett County Purchasing Division with the name of the vendor, the date and hour of opening and the solicitation number on the face of the package or envelope. Facsimile or emailed submittals will not be considered. Any addenda should be enclosed in the sealed envelopes as well.
- B. ADD/DEDUCT: Add or deduct amounts indicated on the outside of the envelope are allowed and will be applied to the lump sum amount. Amount shall be clearly stated and should be initialed by an authorized representative.
- C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the vendor's request and expense, if items are not destroyed by testing.
- D. Items offered must meet required specifications and must be of a quality that will adequately serve the use and purpose for which intended.
- E. Full identification of each item submitted, including brand name, model, catalog number, etc. must be furnished to identify exactly what the vendor is offering. Manufacturer's literature may be furnished but vendor should not submit excessive marketing material.
- F. The vendor must certify that items to be furnished are new and that the quality has not deteriorated to impair its usefulness.
- G. Unsigned submittals will not be considered except in cases where it is enclosed with other documents that have been signed. The County will determine acceptability in these cases.
- H. Gwinnett County is exempt from federal excise tax and Georgia sales tax regarding goods and services purchased directly by Gwinnett County. Vendors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in county construction projects. Vendors should contact the State of Georgia Sales Tax Division for additional information. Agreements were there is a cost-plus mark-up, mark-up will not be paid on taxes.
- I. Information submitted by a vendor in the solicitation process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act.

#### **V. WITHDRAWAL DUE TO ERRORS**

Vendors must give Gwinnett County Purchasing Division written notice within two (2) business days of completion of the opening stating that they wish to withdraw their submittal without penalty for an obvious clerical or calculation error. Submittal may be withdrawn from consideration if the price was substantially lower than the other submittals due solely to a mistake therein, provided pricing was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake and was due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the submittal. The unintentional arithmetic error or omission can be clearly proven through inspection of the original work papers, documents, and materials used in preparing the submittal sought to be withdrawn. The vendor's original work papers shall be the sole

acceptable evidence of error and mistake if a vendor elects to withdraw their submittal. If a quote or bid submittal is withdrawn under the authority of this provision, the lowest remaining responsive offer shall be deemed to be low bid.

No vendor who is permitted to withdraw their submittal shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid or proposal was submitted.

Vendors who fail to request withdrawal by the required forty-eight (48) hours may automatically forfeit bid bond if a bond was required. Bid may not be withdrawn otherwise.

Withdrawal is not automatically granted and will be allowed solely at Gwinnett County's discretion.

#### **VI. TESTING AND INSPECTION**

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of the tests are determined. Cost of inspections and tests of any item that fails to meet the specifications, shall be borne by the vendor.

#### **VII. F.O.B. POINT**

Unless otherwise stated in the request for invitation and any resulting contract, or unless qualified by the vendor, items shall be shipped F.O.B. Destination, Freight Prepaid and Allowed. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

#### **VIII. PATENT INDEMNITY**

The vendor guarantees to hold the County, its agents, officers, or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, for which the vendor is not the patentee, assignee, or licensee.

#### **IX. BID BONDS AND PAYMENT AND PERFORMANCE BONDS (IF REQUIRED, FORMS WILL BE PROVIDED IN THIS DOCUMENT)**

A five percent (5%) bid bond, a one hundred percent (100%) performance bond, and a one hundred percent (100%) payment bond must be furnished to Gwinnett County for any solicitation as required in the solicitation package or document. **Failure to submit a bid bond with the proper rating will result in submittal being deemed non-responsive.** Bonding company must be authorized to do business in Georgia by the Georgia Insurance Commission, listed in the Department of the Treasury's publication of companies holding certificates of authority as acceptable surety on Federal bonds and as acceptable reinsuring companies, and have an A.M. Best rating as stated in the insurance requirement of the solicitation. **The bid bond, payment bond, and performance bond must have the proper A.M. Best rating as stated in the solicitation document.**

#### **X. DISCOUNTS**

- A. Time payment discounts may be considered in arriving at net prices and in award of solicitations. Offers of discounts for payment within ten (10) days following the end of the month are preferred.

- B. In connection with any discount offered, time will be computed from the date of delivery and acceptance at destination, or from the date correct invoice or voucher is received, whichever is the later date. Payment is deemed to be made for the purpose of earning the discount on the date of the County check.

#### **XI. AWARD**

- A. Award will be made to either the highest scoring firm (for proposals) or the lowest responsive and responsible vendor (for quotes/bids). The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the vendor to perform, and the vendor shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any submittal if the evidence submitted by, or investigation of such vendor fails to satisfy the County that such vendor is properly qualified to carry out the obligations of the contract.
- B. The County reserves the right to reject or accept any or all offers and to waive technicalities, informalities and minor irregularities in the submittals received.
- C. The County reserves the right to make an award as deemed in its best interest, which may include awarding to a single vendor or multiple vendors; or to award the whole solicitation agreement, only part of the agreement, or none of the agreement, based on its sole discretion of its best interest.
- D. In the event of proposal scores rounded to the nearest whole number result in a tie score, the award will be based on lowest cost.
- E. If proposal negotiations with the highest ranked firm are unsuccessful, the County may then negotiate with the second ranked firm and so on until a satisfactory agreement has been reached.

#### **XII. DELIVERY FAILURES**

Failure of a vendor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Director, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Director, shall constitute authority for the Purchasing Director to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the vendor shall reimburse the County within a reasonable time specified by the Purchasing Director for any expense incurred in excess of the contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting vendor. Alternatively, the County may penalize the vendor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the County reserves the right to use or consume articles/services delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

#### **XIII. COUNTY FURNISHED PROPERTY**

No material, labor or facilities will be furnished by the County unless so provided in the solicitation package.

#### **XIV. REJECTION OF SUBMITTALS**

Failure to observe any of the instructions or conditions in this solicitation package may constitute grounds for rejection.

**XV. CONTRACT**

Each submittal is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all the commodities or services described therein shall constitute a contract between the vendor and the County which shall bind the vendor on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted submittal. The County, on its part, may order from such vendor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

Upon receipt of a solicitation package containing a Gwinnett County "Sample Contract" as part of the requirements, it is understood that the vendor has reviewed the documents with the understanding that Gwinnett County requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the vendor's submittal. If no exceptions are stated, it is assumed that the vendor fully agrees to the provisions contained in the "Sample Contract" in its entirety.

Any Consultant as defined in O.C.G.A. §36-80-28 that is engaged to develop or draft specifications/requirements or serve in a consultative role during the procurement process for any County procurement method, by entering into such an arrangement or executing a contract, the consultant agrees to abide by the current state law and: 1) Avoid any appearance of impropriety and shall follow all policies and procedures of the County, 2) Disclose to the County any material transaction or relationship pursuant to §36-80-28, that is considered a conflict of interest, any involvement in litigation or other dispute, relationship, or financial interest not disclosed in the ethics affidavit, and 3) Acknowledge that any violation or threatened violation of the agreement may cause irreparable injury to the County, entitling the County to seek injunctive relief in addition to all other legal remedies.

When the vendor has performed in accordance with the provisions of this agreement, Gwinnett County shall pay to the vendor, within thirty (30) days of receipt of any department approved payment request and based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any. If Gwinnett County fails to pay the vendor within sixty (60) days of receipt of a pay request based upon work completed or service provided pursuant to the contract, the County shall pay the vendor interest at the rate of ½% per month or pro rata fraction thereof, beginning the sixty-first (61<sup>st</sup>) day following receipt of pay requests. The vendor's acceptance of progress payments or final payment shall release all claims for interest on said payment.

The parties agree that this Contract shall be governed and construed in accordance with the laws of the State of Georgia.

**XVI. NON-COLLUSION**

Vendor declares that the submittal is not made in connection with any other vendor's submittal for the same commodity or commodities, and that the submittal is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each vendor. Collusion and fraud in submittal preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

**XVII. DEFAULT**

The contract may be canceled or annulled by the Purchasing Director in whole or in part by written notice of default to the vendor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible vendor, or the next highest scoring responsive and responsible proposer, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting vendor (or their surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the vendor shall

continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the vendor to deliver materials or services within the time stipulated on their offer, unless extended in writing by the Purchasing Director, shall constitute contract default.

**XVIII. TERMINATION FOR CAUSE**

The County may terminate this agreement for cause upon ten days prior written notice to the vendor of the vendor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the County's rights or remedies by law.

**XIX. TERMINATION FOR CONVENIENCE**

The County may terminate this agreement for its convenience at any time upon 30 days written notice to the vendor. In the event of the County's termination of this agreement for convenience, the vendor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the vendor, which shall itemize each element of performance.

**XX. SUBSTITUTIONS**

Vendors offering substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their offer. The absence of such a substitution list shall indicate that the vendor has taken no exception to the specifications contained herein.

**XXI. INELIGIBLE VENDORS**

The County may choose not to accept the offer by an individual, firm, or business who is in default on the payment of taxes, licenses, or other monies owed to the County. Additionally, vendors or persons placed on an Ineligible Source List for reasons listed in Part 6, Section II of the Gwinnett County Purchasing Ordinance shall not be eligible to provide any commodities or services to the County during the period such person remains on the Ineligible Source List.

**XXII. PENDING LITIGATION**

An individual, firm, or business that has litigation pending against the County, or anyone representing a firm or business in litigation against the County, not arising out of the procurement process, will be disqualified.

**XXIII. OCCUPATION TAX CERTIFICATE**

Each successful vendor must have a valid Gwinnett County occupation tax certificate if the vendor maintains an office within the unincorporated area of Gwinnett County. Incorporated, out of County, and out of State vendors are required to have any and all certificates necessary to do business in any town, County or municipality in the State of Georgia, or as otherwise required by County ordinance or resolution. Vendors may be required to provide evidence of valid certificates. Out of State vendors are required to have a certificate in the Georgia jurisdiction where they receive the most revenue.

**XXIV. PURCHASING POLICY AND REVIEW COMMITTEE**

The Purchasing Policy & Review Committee has been established to review purchasing procedures and make recommendations for changes; resolve problems regarding the purchasing process; make recommendations for standardization of commodities, schedule buying, qualified products list, annual contracts, supplier performance (Ineligible Source List), and other problems or requirements related to purchasing. The Purchasing Policy & Review Committee has authority to place vendors on the Ineligible Source List for reasons listed in Part 6, Section II of the Gwinnett County Purchasing Ordinance, for a period not to exceed three (3) years.

**XXV. AMERICANS WITH DISABILITIES ACT**

All vendors for Gwinnett County are required to comply with all applicable sections of the Americans with Disabilities Act (ADA) as an equal opportunity employer. In compliance with the Americans with Disabilities Act (ADA), Gwinnett County provides reasonable accommodations to permit a qualified applicant with a disability to enjoy the privileges of employment equal to those employees without disabilities. Disabled individuals must satisfy job requirements for education background, employment experience, and must be able to perform those tasks that are essential to the job with or without reasonable accommodations. Any requests for the reasonable accommodations required by individuals to fully participate in any open meeting, program or activity of Gwinnett County should be directed to the ADA Coordinator, 75 Langley Drive, Lawrenceville, Georgia 30046, 770-822-8165.

**XXVI. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS**

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the vendor's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

**XXVII. TAX LIABILITY**

Local and state governmental entities must notify vendors of their use tax liability on public works projects. Under Georgia law, private vendors are responsible for paying a use tax equal to the sales tax rate on material and equipment purchased under a governmental exemption that is incorporated into a government construction project: excluding material and equipment provided for the installation, repair, or expansion of a public water, gas, or sewer system when the property is installed for general distribution purposes. To the extent the tangible personal property maintains its character (for example, the installation of a kitchen stove), it remains tax-exempt. However, if the installation incorporates the tangible personal property into realty (for example, the installation of sheetrock), it becomes taxable to the private vendor. See O.C.G.A. §48-8-3(2) and O.C.G.A. §48-8-63.

**XXVIII. STATE AND FEDERAL LAW REGARDING WORKER VERIFICATION**

Effective July 1, 2013 State Law requires that all who enter into a contract for the physical performance of services for all labor or service contract(s) that exceed \$2,499.99 (except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia) and that all who enter into a contract for public works as defined by O.C.G.A. §36-91-2(12) for the County, must satisfy the Illegal Immigration Reform Enhancements for 2013 in conjunction with the Federal Immigration Reform and Control Act (IRCA) of 1986, in all manner, and such are conditions of the contract.

The Purchasing Division Director with the assistance of the Internal Audit Division shall be authorized to conduct random audits of a vendor's or subcontractors' compliance with the Illegal Immigration Reform Enhancements for 2013 and the rules and regulations of the Georgia Department of Labor. The vendor and subcontractors shall retain all documents and records of its compliance for a period of five (5) years following completion of the contract or shall abide by the current time requirements at the time of the contract. This requirement shall apply to all contracts for all public works, labor or service contracts that exceed \$2,499.99 except for services performed by an individual who is licensed pursuant to Title 26, Title 43, or the State Bar of Georgia.

Whenever it appears that a vendor's or subcontractor's records are not sufficient to verify the work eligibility of any individual in the employment of such vendor or subcontractor, the Purchasing Director shall report same to the Department of Homeland Security and may result in termination of the contract if it is determined at any time during the work that the vendor or subcontractor is no longer in compliance with worker verification.

By submitting an offer to the County, vendor agrees that, in the event the vendor employs or contracts with any subcontractor(s) in connection with the covered contract, the vendor will secure from the subcontractor(s) such subcontractor(s)' indication of the employee-number category applicable to the subcontractor, as well as attestation(s) from such subcontractor(s) that they follow the Illegal Immigration Reform Enhancements for 2013 in conjunction with all federal requirements. Original signed, notarized Subcontractor Affidavits and Agreements must be maintained by the vendor awarded the contract.

A vendor's or subcontractor's failure to participate in the federal work authorization program as defined above shall be subject to termination of the contract. A vendor's failure to follow Gwinnett County's instruction to terminate a subcontractor that is not participating in the federal work authorization program may be subject to termination of the contract.

**XXIX. SOLID WASTE ORDINANCE**

No individual, partnership, corporation, or other entity shall engage in solid waste handling except in such a manner as to conform to and comply with the current Gwinnett County Solid Waste Ordinance and all other applicable local, state and federal legislation, rules, regulation, and orders.

**XXX. GENERAL CONTRACTORS LICENSE**

Effective July 1, 2008: **All General Contractors must have a current valid license from the State Licensing Board for Residential and General Contractors, unless specifically exempted from holding such license pursuant to Georgia law (O.C.G.A. §43-41-17).**

**XXXI. PRODUCTS MANUFACTURED IN GEORGIA**

When contracting for or purchasing supplies, materials, equipment, or agricultural products that exceeds \$100,000.00, excluding beverages for immediate consumption, Gwinnett County shall give preference as far as may be reasonable and practicable to such supplies, materials, equipment, and agricultural products as may be manufactured or produced in this state. Such preference shall not sacrifice quality. Gwinnett County Board of Commissioners shall consider, among other factors, information submitted by the vendor which may include the vendor's estimate of the multiplier effect on gross state domestic product and the effect on public revenues of the state and the effect on public revenues of political subdivisions resulting from acceptance of an offer to sell Georgia manufactured or produced goods as opposed to out-of-state manufactured or produced goods. Any such estimates shall be in writing. **(O.C.G.A. §36-84-1).**

**XXXII. INDEMNIFICATION**

To the fullest extent permitted by law, the vendor shall, at his sole cost and expense, indemnify, defend, satisfy all judgments, and hold harmless the County, its commissioners, officers, agents, and employees from and against all claims, damages, actions, judgments, costs, penalties, liabilities, losses and expenses, including, but not limited to, attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, action, judgment, cost, penalty, liability, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by the negligent acts, errors by any act or omission of the vendor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless whether such claim is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or otherwise reduce any of the rights or obligations of indemnity which would otherwise exist as to any party or person described in this agreement. In any and all claims against the County, its commissioners, officers, agents, and employees by any employee of the vendor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation contained herein shall not be

limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the vendor or any subcontractor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts.

Vendor shall also indemnify, hold harmless, insure, and defend the County for damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the vendor or other persons employed or utilized by the vendor in the performance of a contract that utilizes survey services.

### **XXXIII. CODE OF ETHICS**

Vendors shall disclose under oath the name of all elected officials whom it employs or who have a direct or indirect pecuniary interest in the business entity, its affiliates, or its subcontractors. (This shall not apply to informal purchases as defined by the Purchasing Ordinance.) The vendor shall execute a Code of Ethics affidavit. Failure to submit the affidavit during the procurement process shall render the offer non-responsive.

Any business entity holding a contract with Gwinnett County that after execution of the contract or issuance of the purchase order employs, subcontracts with, or transfers a direct or indirect pecuniary interest in the business entity to an elected official shall within five (5) days disclose such fact in writing under oath to the Clerk of the Board of Commissioners. Failure to comply, or vendors submitting false information or omitting material information shall be referred to the Purchasing Policy & Review Committee for action pursuant to the Purchasing Ordinance or to the District Attorney for possible criminal prosecution. Note: See Gwinnett County Code of Ethics Ordinance EO2011, Sec. 54-33. The ordinance is available to view in its entirety at [www.gwinnettcounty.com](http://www.gwinnettcounty.com).

### **XXXIV. ELECTRONIC PAYMENT**

Vendors accepting procurements should select one of Gwinnett County's electronic payment options.

- A. A vendor may select ePayables payment process which allows acceptance of Gwinnett County's virtual credit card as payment for outstanding invoices. The authorized vendor representative must send an email to: [vendorelectronicpayment@gwinnettcounty.com](mailto:vendorelectronicpayment@gwinnettcounty.com) and indicate the desire to enroll in Gwinnett County's virtual credit card payment process.
- B. A vendor may select Direct Deposit payment process and the payment will be deposited directly into an account at their designated financial institution. To securely enroll in Direct Deposit, either access your online [Vendor Login and Registration](#) on the County's web site and update the requested information on the Direct Deposit tab or mail a [Direct Deposit Authorization Agreement](#) form.

The County will send a Payment Advice notification via email for both payment types. For more information about Electronic Payments, please visit the Gwinnett County Treasury Division page or click here -> [Gwinnett County Electronic Payments](#).

#### **DIRECTIONS TO GJAC BUILDING FROM I-85**

Take I-85 to Georgia Highway 316 (Lawrenceville/Athens exit). Exit Highway 120 (Lawrenceville/Duluth exit) and turn right. At seventh traffic light, turn right onto Langley Drive. Cross Highway 29 through the traffic light and proceed through the roundabout. Visitors can either proceed to the front parking area on the left or to the parking deck behind the building. Click [here](#) for additional information about parking. The Purchasing Division is located on the second floor, West Wing.

<b>APPENDIX A: Location List</b>	
<b>LOCATIONS</b>	<b>ADDRESS</b>
<b>SEWAGE PUMP STATIONS</b>	
Aberrone (Lock 16-30-12)	3248 Aberrone Plance, Buford
Abington Drive	2691 Abington Drive, Snellville
Alcovy River	1344 Highway 29, Dacula
Alcovy Booster	1344 Highway 29, Dacula
Ambercrest	6105 Ambercrest Court, Buford
Anderson Livsey	4521 Centerville Hwy, Stone Mountain
Appalachee Farms	1062 Fairview Club Drive, Dacula
Archer HS	2450 Callie Still Rd, Lawrenceville
Arden Ridge	3049 Arden Ridge Drive, Suwanee
Auburn Road (Dacula Bluff)	3522 Vern Way, Dacula
Avington (Park) Glenn	1451 Avington Glenn Chase, Lawrenceville
Bailey Farms	120 Hillside Bend Crossing, Lawrenceville
Bailey Road	3337 Bailey Road, Dacula
Bay Creek (Bay Creek Rec Park)	241 Ozora Road, Grayson
Beaver Ruin Diversion	3530 Cruse Road, Lawrenceville
Belhaven/Turnbury	3876 Ancroft Circle, Norcross
Bently Estates	2755 Clomer Cove, Dacula
Berkley Lake	877 Lakeshore Drive, Duluth
Bermuda rd	2808 BERMUDA ROAD, Stone Mnt
Blue Ridge	3055 Turman Drive, Norcross
Bogan Lake Estates	2861 Blake Towers Lane, Buford
Bogan Meadows	4639 Silver Meadow Dr, Buford
Bold Springs	3707 Equestrian Blvd, Dacula
Border Street	4804 Simmons Drive, Sugar Hill
Bradford Manor	3444 Lynley Mill Lake, Dacula
Bridle Point	4395 Bridle Point Parkway, SW, Lithonia
Brooks Crossing	1517 Brooks Pointe Court, Lawrenceville
Brooks Farm	3789 Corrol Way, Snellville
Brooks Road	1180 Brooks Road, Lawrenceville
Brooks Rd Booster	1180 Brooks Road, Lawrenceville
Brookwood Corners	3094 Royal Creek Way, Snellville
Brookwood H.S.	1330 Holly Brook Road, Snellville
Brookwood Plantation	1522 Holly Brook Road, Snellville
Brookwood Village	1928 Baywood Tree Lane, Snellville
Campbell Rd (Creekside Estates)	1245 Kristi Ridge Drive, Dacula
Carrington	1595 Dogwood Road, Snellville
Cascade Falls	2594 Spring Cast Drive, Buford
Castlewoods	325 Mountain Drive, Stone Mountain
Cedar Creek	981 Cedar Bluff Trail, Lilburn
Centerville	3495 Hwy 124, Centerville
Chaffin Fence (Yorkshire Est)	624 York View Drive, Dacula
Chandler Oaks (Chandler Woods)	578 Leaflet Ives Drive, SE, Lawrenceville
Chandler Ridge	1159 Chandler Ridge Drive, Lawrenceville

**APPENDIX A: Location List**

<b>LOCATIONS</b>	<b>ADDRESS</b>
Chattahoochee Station	4270 Holcomb Bridge Road, Norcross
Chestnut Lake	5180 Sunset Maple Trail, Lilburn
Collins Hill Bus. Park	310 Park Access Rd, Lawrenceville
Collins Hill Heights	189 Melody Lane, Lawrenceville
Country Club Gwinnett	2955 Gallery Grove, Snellville
Country Club Gwinnett II	3391 Sandwedge Court, Snellville
CSX	1851 Winder Hwy, Dacula
Dacula City Pump	225 Wilson Street, Dacula
Dacula Road	1183 Dacula Road, Dacula
Days Inn (Ramada Inn)	3107 L'ville Suwanee Road, Suwanee
Dixie Development (Wildflower)	850 Verbena Way/Farmland Drive, Auburn
Doc Hughes	2330 Doc Hughes Rd, Lawrenceville
Dogwood Farms	1208 Olde Hinge Way, Snellville
Dominion Walk	1061 Laurel Cove Drive, Snellville
Duluth Village	2750 Buford Hwy, Duluth
Duncan Creek Elementary	4520 Braselton Hwy, Hoschton
Duncan Lakes (Shadow Stone)	2680 Kelly Cove Drive, Buford
East Highlands	4120 Red Canoe Bend, Lilburn
East Park Place	5192 Corinth Drive, SW, Snellville
Eastgate Business Park	2422 Eastgate Place, Snellville
East Rock Quarry	2249 East Rock Quarry , Buford
Ellington Springs	4934 Michael Jay Street, Snellville
Embassy Walk	4065 Embassy Walk Way, Lilburn
Evergreen Crossing	1815 Pinetree Pass Lane, Lilburn
Evergreen Lakes	5203 Brownless Road, Snellville
F Wayne Hill PS	3320 C Financial Ctr Way, Buford
Fairmont	2505 Merrion Park Drive, Dacula
Farmers Court	725 Grayson Hwy, Lawrenceville
Flat Creek Landing	128 Hardy Water Dr, Lawrenceville
Flowery Branch (Willow Leaf)	2055 Flowery Branch Road, Buford
Garner Industrial	268 Peachtree Industrial Blvd, Norcross
Garner Rd	965 Garner Creek Dr
Gates of Ewing Chapel (#5500)	1382 Ewing Creek Drive, Dacula
Georgetown Commons	649 Madison Park Dr, Grayson
Glenn Jones Middle School	3575 Ridge Road, Buford
Grayson Hwy	950 Grayson Hwy, Lawrenceville
Great River	1602 Great Shoals Drive, Lawrenceville
Grove Place	599 Redds Circle, Lilburn
Hamilton Mill Crossing (Puckets)	3605 Top Court, Buford
Hampton Ridge	3212 Hampton Ridge Way, Snellville
Harbins Landing	1747 Rolling View Way, Dacula
Hebron Church	190 Hebron Church Road, Dacula
Herring Road	2232 Herring Woods, Grayson
Hickory Station (Lock #5060)	2325 Hickory Station Circle, Snellville

**APPENDIX A: Location List**

LOCATIONS	ADDRESS
Hidden Meadows	4307 Hidden Meadow Circle, Sugar Hill
Hightower Ridge	4894 Tower View Lane, Snellville
Highway 78/Lanier Mtn	3028 Hwy 78, Snellville
Hiram Davis Plantation	1323 Dodger Way, Lawrenceville
Hog Mountain	2910 Old Fountain Road, Lawrenceville
Hog Mountain Rd #1	3850 Hog Mtn Braselton Road, Lawrenceville
Hog Mountain Rd #2	3175 Hog Mtn Rd, Dacula
Holman Place	4210 Mulberry Ridge Lane, Hoschton
Huntcrest	1198 Satellite Blvd, Duluth
Hunter's Creek	1300 Hunters Creek Ct, Lawrenceville
Independence	88 Loganville Hwy, Loganville
Indian Shoals	2596 Foxy Drive SE, Dacula
Island Point	6920 Island Pointe Drive, Buford
Ivy Creek	3320-C Financial Ctr Way, Buford
Ivy Mill Plantation	4102 Plantation Mill Drive, Buford
Jack's Creek	2724 Brannan Road, Snellville
Jacobs Farm	446 Gail Pond Drive, Lawrenceville
Jim Moore Road (Lock #1957)	3501 Jim Moore Road, Hog Mountain
Kennedy Farms (Crofton)	4400 Crofton Overlook, Suwanee
Killian Woods	3824 Meamdering Way, Lilburn
Killian's Pond	4399 Pond Edge Road, Snellville
Lakeport	2734 Lakewater Way, Snellville
Lawrenceville/Suwanee	2416 Lawrenceville Suwanee Rd, Lawrenceville
Lee Plantation (Ashlyn Cove)	4655 Ashlyn Drive, Snellville
Legacy River	3011 Old Auburn Road, Dacula
Lenora Springs	2802 Lenora Springs Drive, Snellville
Level Creek	5209 Basingstoke Dr, Suwanee
Little Mill	5702 Grindstone Drive, Buford
Little Mill Estates	2155 Mina Lane, Buford
Lower Big Hanes	2680 Centerville Rosebud Road, Snellville
M & M Killian Hill	4051 Hwy 78, Snellville
Magnolia Walk	1132 Haven Brook Court, Suwanee
Magruder Plantation	774 Charles Hall Drive, Dacula
Maplecliff	1624 Maplecliff Way, Buford
Martins Chapel	790 Martins Chapel Way, Lawrenceville
McConnell Road (Wheatfield)	1717 Brackin Court, Grayson
Meadow Grove	990 Five Forks Trickum Road, Lawrenceville
Middleton	650 Middleton Place, Grayson
Miller Brook	310 Lee Miller Court, Suwanee
Mineral ridge	7306 Waters Edge Dr, Stone Mountain
Mineral Springs	800 Win West Points, Auburn
Mink Livsey (Willingham Manor)	4753 Bryant Drive, Snellville
Mountain Park	1296 Rockbridge Rd, Stone Mountain
Mountain Park Aquatic Center	1063 Rockbridge Rd, Stone Mountain

<b>APPENDIX A: Location List</b>	
<b>LOCATIONS</b>	<b>ADDRESS</b>
Mountain Park Park	5050 Five Forks Trickum, Lilburn
Mulberry	1186 Mount Moriah, Dacula
N. Chattahoochee (Gran River)	4858 River Hollow Run, Norcross
NBC	2735 Springdale Road, Snellville
Nesbitt Crossing	3585 Nesbit Crossing Circle, Duluth
New Fox Fire	759 Preservation Lane, Lilburn
New Hope	3021 Dolostone Way SE, Lawrenceville
Newtons Grove	1872 Brandie Elaine Ave, Snellville
Norris Lake	4298 McCord Livsey Rd, Lithonia
North Avenue #1	4985 Nelson Brogden Blvd, Sugar Hill
North Gwinnett (Cluster) Middle School	170 Peachtree Industrial Blvd
North Woodland	185 North Woodland, Doraville
Northbrook #1	1095 Northbrook Pkwy, Lawrenceville
Northbrook #2	941 Northbrook Pkwy, Lawrenceville
Northfork Peachtree Creek	6782 Cresent Drive, Norcross
Northforke Plantation	1359 Hillside Drive, Snellville
Old Athens Road	1041 Hwy 29, Lawrenceville
Old Friendship Community	3079 Society Trace, Buford
Old Rock House (Alcovy Falls)	270 Little Creek Road, Lawrenceville
Old Suwanee Rd	4550 Old Suwanee Road, Sugar Hill
Ozora Lakes	3829 Derringer Ridge, Loganville
Paradise Park	2191 Patato Patch Court, Loganville
Park Haven	1018 Nestling Drive, Lawrenceville
Parker Woods #1	1761 Pucketts Drive, Lilburn
Parker Woods #2	2124 Davis Road, Lilburn
Parkview East	4669 Gold Dust Trail, Sugar Hill
Parkview North	4802 Goldmine Drive, Sugar Hill
Patterson	152 Arnold Drive, Lawrenceville
Peachtree Station	4476 Stilson Circle, Norcross
Pharr Elem School	1500 North Road, Snellville
Phillips	2999 Jones Phillips Rd, Dacula
Pinecrest	4697 Pinecrest Drive, Sugar Hill
Presidential Commons	1708 Hwy 124, Snellville
Princeton Oaks	957 Oakley Lane, Sugar Hill
Prospect Road (Prospect Creek)	1735 Prospect Creek Drive, Lawrenceville
Providence Crossing	5409 Griggs Court, Buford
P'tree M.H.P (P'tree Village)	4912 Gold Creek Trail, Sugar Hill
Regency Park	3590 Regency Park Drive, Duluth
Richland Creek	6310 Grand Magnolia Drive, Sugar Hill
Ridge Road/Highway 20	1451 Hwy 20/ Buford Dr, Lawrenceville
Rivercliff Place	2310 Thorndale Drive, Lilburn
Riverfield	4490 Missendale Lane, Norcross
Rock Quarry	3801 Tuggle Road, Buford
Roselake	3453 Kenilworth Ct, Snellville

<b>APPENDIX A: Location List</b>	
<b>LOCATIONS</b>	<b>ADDRESS</b>
Ross Rd/Yellow River	2227 Ross Road, Snellville
Round Road (Wheatfield Reserve)	279 Stargrass Court, SE, Grayson
Rutledge Homestead	2902 Reason Court, Snellville
Sagemore Hills	1344 Norwalk Trace, Lawrenceville
Sardis Church (Duncan Preserve)	4338 Duncan Ives Drive, Buford
Sawmill Drive	3107 Lawrenceville-Suwanee Road, Suwanee
Sedgefield	2899 Suttonwood Way, Buford
Shadowbrooke	251 Shadow Brooke Circle, Loganville
Shannon Heights	1065 Shannon Road, Loganville
Shannon Road	972 Shannon Road, Grayson
Sherwood	3000 West Rock Quarry, Buford
Shorelake (Spring Meadow)	3440 Shore Lake Drive, Norcross
Southforke	3592 Prairie Drive, Snellville
Stancil Drive (Millside Manor)	2206 Stancil Pointe Drive, Dacula
Stanley Road	2143 Stanley Road, Dacula
Sugar Hill Plantation	5322 Connor Miles Drive, Sugar Hill
Suwanee Creek	1758 Peachtree Industrial Blvd, Suwanee
Tanglewood	1952 Tanglewood Drive, Snellville
Terrasol	1294 Terrasol Ridge, Lilburn
The Columns Apartments (#6002)	4305 Paxton Lane, Snellville
The Landing at Bay Creek	3806 Bald Easel Drive, Loganville
The Oaks	5309 Arbor View Way, Sugar Hill
The River Club	728 Crescent River Pass, Suwanee
The Springs	964 Springview Place, Sugar Hill
The Springs at Mill Creek	2532 Wellsprings Drive, Buford
The Village at Parkview	5286 Village View Lane, SW, Lilburn 30047
Thompson Mill (Duncan Park)	3067 Express Lane, Buford
Thorncrest	100 Pounds Drive, Tucker
Trotters Ridge	2888 Ross Road, Snellville
Twelve Oaks	439 Tara Oaks Trail, Lawrenceville
Two Thousand West (Millenium Pl)	4791 Score Court, Snellville
Walmart	1825 Rockbridge Road, Stone Mtn.
Wellington Walk	1475 Mt McKinnley Drive, Grayson
Wheeler Road	5806 Wheeler Road, Braselton
Windsor at Lanier	5971 Lake Windsor Parkway, Buford
Windsor Creek	928 Natchez Valley Trace, Grayson
Wolf Creek/Chatt (Simpsonwood)	4511 Jones Bridge Road, Norcross
Woodberry (Access Code 2003)	1931 Woodberr Run Drive, Snellville
Woodbridge	2898 Hwy 120, Duluth
Yellow River Diversion	858 Tom Smith Road, Lilburn

<b>APPENDIX A: Location List</b>	
<b>LOCATIONS</b>	<b>ADDRESS</b>
<b>RAW WATER PUMP STATIONS</b>	
Lanier Raw Water Pump Station	6340 Woodlake Drive, Buford
Shoal Creek Raw Water Pump Station	1620 Buford Dam Road, Buford
<b>WATER BOOSTER PUMP STATIONS &amp; TANK SITES</b>	
Bogan Tank/Booster	2868 North Bogan Road
Grayson Tank/Booster	300 Grayson New Hope Road
Knollwood Booster	2673 Knollwood Drive
Lanier Mnt. Tanks/Booster	2270 Highpoint Road
Nob Hill Tank	Club Drive (No Number)
Norcross Tank/Booster	278 Langford Dr/800 West Peachtree Street
Rock Quarry Tank/Booster	2710 West Rock Quarry Road, Buford
Rockbridge Tank/Booster	303 Rockbridge Road
Sunny Hill Booster	2109 Sunny Hill Rd, Lawrenceville
Walton Court Booster	Walton Court, Snellville
<b>WATER PLANTS</b>	
Lanier Filter Plant	2601 Buford Dam Road
Shoal Creek Filter Plant	1755 Buford Dam Road
<b>WATER RECLAMATION FACILITIES</b>	
Crooked Creek Water Reclamation Facility	6557 Plant Drive, Norcross
Yellow River/Sweetwater Creek Water Reclamation Facility	858 Tom Smith Road, Lilburn
F Wayne Hill Water Resources Center	1510 One Water Way

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
CC	FLW-MTR-C-001	FLOWMETERS, THERMAL MASS KURZ	FLOW METER		MASSEYCOM
CC	TETRA-GAS-015	PORTABLE MULTIGAS MONITOR CROWCON TETRA -015	GAS DETECTOR		
CC	TETRA-GAS-017	PORTABLE MULTIGAS MONITOR CROWCON TETRA -017	GAS DETECTOR		
CC	RAS-MTR-03	FLOWMETER, MAGNETIC, A19031439	MTR-FLOW		
CC	RAS-MTR-04	FLOWMETER, MAGNETIC, A19031932	MTR-FLOW		
CC	RAS-MTR-C-004	RAS FLOW METER No2 (5)	FLOW METER		
CC	SC01-TDR	TRANSDUCER, LEVEL	INSTRUMENTATION		TEMPLETNASSO
CC	SC02-TDR	TRANSDUCER, LEVEL	INSTRUMENTATION		TEMPLETNASSO
CC	SHB-OC-TRN	TRANSMITTER, DIFFERENTIAL PRESSURE, GREASE FILTER/MIST ELIM, COPLANAR 25-in WC,	INSTRUMENTATION		
CC	SHB-STK-01-INST-MTR	FLOWMETER	FLOW METER		MRSYS
CC	SHB-STK-02-INST-LDO	PROBE, LDO MODEL 2 - SLUDGE STORAGE TANK, NO2	INSTRUMENTATION		HACH
CC	SHB-STK-02-INST-MTR	FLOWMETER	FLOW METER		MRSYS
CC	DPS-SWC-C-001	SWITCH, PRESSURE LOW - PUMP No1	INSTRUMENTATION	ASHCROFT	MRSYS
CC	DPS-SWC-C-002	SWITCH, PRESSURE LOW - PUMP No2	INSTRUMENTATION	ASHCROFT	MRSYS
CC	DS-SW-INT-SWC-C-004	PRESSURE SWITCH HIGH PUMP No1, 1805310068	INSTRUMENTATION	ASHCROFT	MRSYS
CC	DS-SW-INT-SWC-C-005	PRESSURE SWITCH HIGH PUMP No2, 1805310066	INSTRUMENTATION	ASHCROFT	MRSYS
CC	DS-SW-INT-SWC-C-006	PRESSURE SWITCH HIGH PUMP No3, 1805310067	INSTRUMENTATION	ASHCROFT	MRSYS
CC	DS-SW-INT-SWC-C-007	PRESSURE SWITCH HIGH PUMP No4, 1805310069	INSTRUMENTATION	ASHCROFT	MRSYS
CC	HWS-GRT-VCP-GUA-C-001	VORTEX GRIT REMOVAL SYSTEM No1 PUMP PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
CC	HWS-GRT-VCP-GUA-C-002	VORTEX GRIT REMOVAL SYSTEM No2 PUMP PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
CC	SHB-BFP-HYT-01	HYDRAULIC TENSIONING SYSTEM NO1, 11610563	INSTRUMENTATION	BDP	BDP
CC	SHB-BFP-HYT-02	HYDRAULIC TENSIONING SYSTEM NO2, 11610563	INSTRUMENTATION	BDP	BDP
CC	SHB-BFP-HYT-03	HYDRAULIC TENSIONING SYSTEM NO3, 11610563	INSTRUMENTATION	BDP	BDP
CC	SHB-BFP-HYT-04	HYDRAULIC TENSIONING SYSTEM NO4, 11610563	INSTRUMENTATION	BDP	BDP
CC	FEF-MTR-TB-001	FWHILL VENTURI METER TUBE	MTR-FLOW	BIFWATER	
CC	FEF-MTR-TB-002	FWHILL VENTURI METER TUBE	MTR-FLOW	BIFWATER	
CC	SHB-STK-01-INST-SEN-01	SENSOR, LEVEL, 254289	INSTRUMENTATION	BLUERIBBON	MRSYS
CC	SHB-STK-01-INST-SEN-02	SENSOR, LEVEL	INSTRUMENTATION	BLUERIBBON	MRSYS
CC	SHB-STK-02-INST-SEN-01	SENSOR, LEVEL, 254290	INSTRUMENTATION	BLUERIBBON	MRSYS
CC	SHB-STK-02-INST-SEN-02	SENSOR, LEVEL	INSTRUMENTATION	BLUERIBBON	MRSYS
CC	DEW-MTR-C-002	CENTRIFUGE No2 SLUDGE FLOW METER	MTR-FLOW	BROOKSINSTRU	
CC	PFS-MTR-C-001	CENTRIFUGE POLYMER FLOW METER No1	MTR-FLOW	BROOKSINSTRU	
CC	PFS-MTR-C-002	CENTRIFUGE POLYMER FLOW METER No2	MTR-FLOW	BROOKSINSTRU	
CC	OCB-CMV-C-001	CEM MICROWAVE	INSTRUMENTATION	CEMCORP	NYCOM
CC	FEF-MTR-001	FINAL EFFLUENT FLOW METER	MTR-FLOW	FISHRPORTR	
CC	FEF-ANL-C-001	COMBINED EFFLUENT FLOW RECORDER	FLOW METER	FISHRPORTR	
CC	SCL-CNL-PRB-C-005	SECONDARY CLARIFIER SYSTEM No5- SECONDARY CLARIFIER TANK No5 -MULTITRODE LEVEL SENSING AND CONTROL PROBE	LEVEL	FLYGTITT	FLYGTITT
CC	SCL-CNL-PRB-C-006	SECONDARY CLARIFIER SYSTEM No4 - SECONDARY CLARIFIER TANK No6 -MULTITRODE LEVEL SENSING AND CONTROL PROBE	LEVEL	FLYGTITT	FLYGTITT
CC	SHB-SEP-SMP	SAMPLER, SEPTAGE, 1604051481	INSTRUMENTATION	ISCO	
CC	OCB-ACU-INT-C-001	AIR CONDITIONER AIR MEASURING PROBE	INSTRUMENTATION	MCQUAYINTR	
CC	CAU-TNK-MTR-001	CAUSTIC TANK LEVEL METER	MTR-LEVL(ULTRA)	MILLTRONICS	
CC	FEF-MTR-002	FWHILL VENTURI METER No1	MTR-FLOW	MOOREIND	
CC	FEF-MTR-003	FWHILL VENTURI METER No2	MTR-FLOW	MOOREIND	
CC	MBW-COM-ALR-C-001	AIR COMPRESSOR TANK ALARM	INSTRUMENTATION	MORRIS	
CC	HWS-SCR-GSM-C-001	BAND SCREENS GAS MONITOR No1	GAS DETECTOR	MSA	
CC	HWS-SCR-GSM-C-002	BAND SCREENS GAS MONITOR No2	GAS DETECTOR	MSA	
CC	HWS-SCR-GSM-C-003	BAND SCREENS GAS MONITOR No3	GAS DETECTOR	MSA	
CC	IPS-GSM-C-004	GAS MONITOR	GAS DETECTOR	MSA	
CC	IPS-GSM-C-01	GAS DETECTOR	GAS DETECTOR	MSA	
CC	IPS-GSM-C-02	GAS DETECTOR	GAS DETECTOR	MSA	
CC	IPS-GSM-C-03	GAS DETECTOR	GAS DETECTOR	MSA	
CC	SHB-SEP-GDT-01	GAS, MONITOR, DETECTOR, ULTIMA X5000, COMBUSTIBLE IR (LEL), SN 00010020017A0382	GAS DETECTOR	MSA	PREMIERSAFE
CC	SHB-TG-INST-SEN-05	SENSOR, ODOR CONTROL AIR TEMPARATURE, PC00003556	INSTRUMENTATION	OMEGAENG	MRSYS
CC	IPS-WEL-TRM-C-001	IPS WET WELL No1 FLOW TRANSMITTER No1	INSTRUMENTATION	PRECIDIGI	
CC	IPS-WEL-TRM-C-002	IPS WET WELL No1 LEVEL TRANSMITTER No1	INSTRUMENTATION	PRECIDIGI	
CC	IPS-WEL-TRM-C-003	IPS WET WELL No1 LEVEL TRANSMITTER No2	INSTRUMENTATION	PRECIDIGI	
CC	IPS-WEL-TRM-C-004	IPS WET WELL No2 FLOW TRANSMITTER No1	INSTRUMENTATION	PRECIDIGI	
CC	IPS-WEL-TRM-C-005	IPS WET WELL No2 LEVEL TRANSMITTER No1	INSTRUMENTATION	PRECIDIGI	
CC	IPS-WEL-TRM-C-006	IPS WET WELL No2 LEVEL TRANSMITTER No2	INSTRUMENTATION	PRECIDIGI	
CC	OCB-MTR-C-002	HOT WATER LINE METER	INSTRUMENTATION	SEAMETRICS	
CC	DS-EFF-FLW-MTR-C-001	EFFLUENT ULTRASONIC FLOW METER AT FLUME, OCA121DAO	INSTRUMENTATION	SIEMENSIND	MRSYS
CC	BRB-DRN-TDR	TRANSDUCER,XPS-15F, PBD/M5146632	LEVEL	SIEMENSUSA	MRSYS
CC	BRB-ML-CHNL-TDR	TRANSDUCER, ECHOMAX, PBD/M5076619	LEVEL	SIEMENSUSA	MRSYS

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
CC	BRB-1-NRCY-SEN	SENSOR, AIR, TEMPARATURE, PBD/M1130109	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	BRB1-NRCY-TDR	TRANSDUCER, ECHOMAX, PBD/M1146529	LEVEL	SIEMENSUSA	MRSYS
CC	BRB-2-NRCY-SEN	SENSOR, AIR, TEMPARATURE, PBD/M1130106	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	BRB2-NRCY-TDR	TRANSDUCER, ECHOMAX, PBD/M1216604	LEVEL	SIEMENSUSA	MRSYS
CC	BRB-3-NRCY-SEN	SENSOR, AIR, TEMPARATURE, PBD/M1240206	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	BRB3-NRCY-TDR	TRANSDUCER, ECHOMAX, PBD/M1096548	LEVEL	SIEMENSUSA	MRSYS
CC	BRB-4-NRCY-SEN	SENSOR, AIR, TEMPARATURE, PBD/M1240204	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	BRB4-NRCY-TDR	TRANSDUCER, ECHOMAX, PBD/M1206509	LEVEL	SIEMENSUSA	MRSYS
CC	HWS-SCR-TRM-C-001	BAND SCREEN No1 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
CC	HWS-SCR-TRM-C-002	BAND SCREEN No2 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
CC	HWS-SCR-TRM-C-03	BAND SCREEN No3 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
CC	PB-ALM-TNK01-TDR	TRANSDUCER, FLANGED, ECHOMAX XPS-10, PBD/LD036518	INSTRUMENTATION	SIEMENSUSA	
CC	PB-ALM-TNK01-TRM	TRANSMITTER, LEVEL, SITRANS LUT 420, PBD/M1280106	INSTRUMENTATION	SIEMENSUSA	
CC	PB-ALM-TNK02-TDR	TRANSDUCER, FLANGED, ECHOMAX XPS-10, PBD/LD036517	INSTRUMENTATION	SIEMENSUSA	
CC	PB-ALM-TNK02-TRM	TRANSMITTER, LEVEL, SITRANS LUT 420, PBD/M1280094	INSTRUMENTATION	SIEMENSUSA	
CC	DEW-MTR-C-001	CENTRIFUGE No1 SLUDGE FLOW METER	MTR-FLOW	SIEMENSUSA	
CC	SHB-FIL-STK-TDR	TRANSDUCER, ECHOMAX, PBD/LD036520	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-FIL-STK-TRN	TRANSMITTER, SITRANS, PBD/M1280096	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-PS-TDR-01	TRANSDUCER, PBD/LD036519	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-PS-TRN-01	TRANSMITTER, LEVEL, SITRANS, PBD/M1280100	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-PS-TRN-02	TRANSMITTER, LEVEL, SITRANS, PBD/M1280097	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-PS-TDR-02	TRANSDUCER, PBD/LD036521	INSTRUMENTATION	SIEMENSUSA	MRSYS
CC	SHB-TG-INST-SEN-01	SENSOR, SPEED ZERO, A5E33988889	INSTRUMENTATION	SIEMENSUSA	JMS
CC	SHB-TG-INST-SEN-02	SENSOR, SPEED ZERO, A5E33988890	INSTRUMENTATION	SIEMENSUSA	JMS
CC	SHB-TG-INST-SEN-03	SENSOR, SPEED ZERO, A5E33988893	INSTRUMENTATION	SIEMENSUSA	JMS
CC	SHB-TG-INST-SEN-04	SENSOR, SPEED ZERO, A5E33988891	INSTRUMENTATION	SIEMENSUSA	JMS
CC	SHB-STK-01-INST-GDT	DETECTOR, GAS SOLIDS HANDLING - SLUDGE STORAGE TANK, NO1, INSTRUMENTATION	GAS DETECTOR	SIERRA	MRSYS
CC	SHB-STK-02-INST-GDT	DETECTOR, GAS	GAS DETECTOR	SIERRA	MRSYS
CC	DPS-GSA-C-001	GAS ANALYZER	INSTRUMENTATION	SMC	MRSYS
CC	OCB-MTR-C-001	ELECTRICAL ROOM ENERGY METER	INSTRUMENTATION	VERIESIND	
CC	DS-UV-INT-TRN-C-001	TRANSMITTANCE, 18160613 / 22431361	INSTRUMENTATION	YSI	WEDECOTECH
FWH	265300	[340A/B] - EAST INFLUENT CHANNEL - PH No1005	MTR-PH (GLI)		
FWH	266000	[340A/B] - EAST INFLUENT CHANNEL - PH No1006	MTR-PH (GLI)		
FWH	1750	[340A/B] - GAC ADSORBER (SPARE) - FLOW No4309A (EFFLUENT) TRANSMITTER	INSTRUMENTATION		
FWH	1731	[340A/B] - GAC ADSORBER No10B - FLOW No0509A (EFFLUENT) TRANSMITTER	INSTRUMENTATION		
FWH	311600	[340A/B] - GAC ADSORBER No13B - LEVEL No3512	MTR-LEVL(ULTRA)		
FWH	4804	[340A/B] - GAC ADSORBER No15A - FLOW No5409A (EFFLUENT) TRANSMITTER	FLOW METER		
FWH	1748	[340A/B] - GAC ADSORBER No2B - FLOW No2209A (EFFLUENT) TRANSMITTER	INSTRUMENTATION		
FWH	1749	[340A/B] - GAC ADSORBER No8A - FLOW No8109A (EFFLUENT) TRANSMITTER	INSTRUMENTATION		
FWH	504100	[38] - EFFLUENT PIPE - PRESSURE No0002	MTR-PRESS		
FWH	508400	[402A/C] - SOLIDS STORAGE TANK No1 - PRESSURE No2721	MTR-PRESS		
FWH	508700	[402A/C] - SOLIDS STORAGE TANK No2 - PRESSURE No2742A	MTR-PRESS		
FWH	542102	[404A/406A] - FOG UNLOAD PIPE - FLOW No5004	MTR-FLOW		
FWH	517400	[404A/406A] - METHANE GAS No2635 - METHANE GAS	GAS MONTR-METH		
FWH	566550	[405A] - POLYMER FEED PUMP No43 - PUMP - ROTOMETER	MTR-FLOW		
FWH	569100	[407A] - CENTRATE PUMP STATION - LEVEL No8000	MTR-LEVL(ULTRA)		
FWH	569600	[501A] - OFF-SPEC TANK No1 - LEVEL No1133	MTR-LEVL(ULTRA)		
FWH	569800	[501A] - OFF-SPEC TANK No2 - LEVEL No1131	MTR-LEVL(ULTRA)		
FWH	570000	[501A] - OFF-SPEC TANK No3 - LEVEL No1132	MTR-LEVL(ULTRA)		
FWH	4497	[504A] - AIR HANDLING UNIT No1 - THERMOSTAT	INSTRUMENTATION		
FWH	4498	[504A] - AIR HANDLING UNIT No2 - THERMOSTAT	INSTRUMENTATION		
FWH	585300	[505A] - EQ DISTRIBUTION BOX - LEVEL No5031	MTR-LEVL(ULTRA)		
FWH	585400	[505A] - EQ DISTRIBUTION BOX - LEVEL No5032	MTR-LEVL(ULTRA)		
FWH	585500	[505A] - EQ DISTRIBUTION BOX - LEVEL No5033	MTR-LEVL(ULTRA)		
FWH	585600	[505A] - EQ DISTRIBUTION BOX - LEVEL No5034	MTR-LEVL(ULTRA)		
FWH	585700	[505A] - EQ DISTRIBUTION BOX - LEVEL No5035	MTR-LEVL(ULTRA)		
FWH	587400	[513A] - EQUALIZATION TANK No1 - LEVEL No1134	MTR-LEVL(ULTRA)		
FWH	588200	[513A] - EQUALIZATION TANK No3 - LEVEL No1136	MTR-LEVL(ULTRA)		
FWH	587800	[513A] - EQUALIZATION TANK No2 - LEVEL No1135	MTR-LEVL(ULTRA)		
FWH	588600	[513A] - EQUALIZATION TANK No4 - LEVEL No1137	MTR-LEVL(ULTRA)		
FWH	589000	[513A] - EQUALIZATION TANK No5 - LEVEL No1138	MTR-LEVL(ULTRA)		
FWH	3598	[630B] - GENERATOR - MODULE CONTROL	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	169900	[232B] - AIR PRESSURE No7401C - PRESSURE	MTR-PRESS (AIR)		
FWH	170000	[232B] - AIR PRESSURE No7401D - PRESSURE	MTR-PRESS (AIR)		
FWH	054450	[211A/B/C] - BAND SCREEN No1 - ELECTRICAL SWITCH	INSTRUMENTATION		
FWH	054650	[211A/B/C] - BAND SCREEN No2 - ELECTRICAL SWITCH	INSTRUMENTATION		
FWH	054850	[211A/B/C] - BAND SCREEN No3 - ELECTRICAL SWITCH	INSTRUMENTATION		
FWH	127300	[231A/B/C] - BIOREACTOR No7 - FLOW No7100A	MTR-FLOW		
FWH	1424	[321A] - BLOWER No1 - PRESSURE INDICATOR	INSTRUMENTATION		
FWH	1425	[321A] - BLOWER No2 - PRESSURE INDICATOR	INSTRUMENTATION		
FWH	165800	[232B] - BLOWER No4 - TEMPERATURE No7024A (INLET)	MTR-TEMP		
FWH	165900	[232B] - BLOWER No4 - TEMPERATURE No7024B (DISCHARGE)	MTR-TEMP		
FWH	166400	[232B] - BLOWER No4 - TEMPERATURE No7004A	MTR-TEMP		
FWH	167100	[232B] - BLOWER No5 - TEMPERATURE No7025A (INLET)	MTR-TEMP		
FWH	167200	[232B] - BLOWER No5 - TEMPERATURE No7025B (DISCHARGE)	MTR-TEMP		
FWH	167700	[232B] - BLOWER No5 - TEMPERATURE No7005A (MOTOR)	MTR-TEMP		
FWH	168400	[232B] - BLOWER No6 - TEMPERATURE No7026A (INLET)	MTR-TEMP		
FWH	168500	[232B] - BLOWER No6 - TEMPERATURE No7026B (DISCHARGE)	MTR-TEMP		
FWH	169000	[232B] - BLOWER No6 - TEMPERATURE No7006A (MOTOR)	MTR-TEMP		
FWH	169450	[232B] - BLOWER No6 - TEMPERATURE INDICATOR TRANSMITTER - No7036	MTR-TEMP		
FWH	4352	[360B] - BLOWER AIR HEADER A - FLOW METER No8521A	MTR-FLOW		
FWH	4351	[360B] - BLOWER AIR HEADER A - FLOW METER No8520A	MTR-FLOW		
FWH	4353	[360B] - BLOWER AIR HEADER A - FLOW METER No8522A	MTR-FLOW		
FWH	4354	[360B] - BLOWER AIR HEADER B - FLOW METER No8520B	MTR-FLOW		
FWH	4355	[360B] - BLOWER AIR HEADER B - FLOW METER No8521B	MTR-FLOW		
FWH	4356	[360B] - BLOWER AIR HEADER B - FLOW METER No8522B	MTR-FLOW		
FWH	4864	[630B] - ELECTRICAL CABINET - CABINET	INSTRUMENTATION		
FWH	4607	[504A] - FOXBORO CABINETS - CABINETS 50TBC1	INSTRUMENTATION		
FWH	4608	[504A] - FOXBORO CABINETS - CABINETS 50IOC1	INSTRUMENTATION		
FWH	4609	[504A] - FOXBORO CABINETS - CABINETS 50IOC1	INSTRUMENTATION		
FWH	4392	[404A/406A] - FOXBORO CABINET - CABINET 40IOC004	INSTRUMENTATION		
FWH	4393	[404A/406A] - FOXBORO CABINET - CABINET 40TBC004	INSTRUMENTATION		
FWH	4394	[404A/406A] - FOXBORO CABINET - CABINET 40IOC005	INSTRUMENTATION		
FWH	4395	[404A/406A] - FOXBORO CABINET - CABINET 40IOC006	INSTRUMENTATION		
FWH	4396	[404A/406A] - FOXBORO CABINET - CABINET 40TBC005	INSTRUMENTATION		
FWH	4397	[404A/406A] - FOXBORO CABINET - CABINET 40TBC006	INSTRUMENTATION		
FWH	4406	[404A/406A] - HOFFMAN CABINET - CABINET 40DCH003	INSTRUMENTATION		
FWH	4407	[404A/406A] - HOFFMAN CABINET - CABINET 4010C007	INSTRUMENTATION		
FWH	038660	INFLUENT DISTRIBUTION BOX - COMPOSITE SAMPLER	INSTRUMENTATION		
FWH	915742	KHRONE FLOW METER, C22502665	MTR-FLOW		
FWH	4545	[404A/406A] - FOG - pH SENSOR	INSTRUMENTATION		
FWH	4360	[402B] - DIGESTER GAS - COMPRESSOR PRESSURE METER No3001	INSTRUMENTATION		
FWH	4366	[402B] - DIGESTER GAS - MASS FLOW METER	MTR-FLOW		
FWH	033350	INFLUENT - INFLUENT METERING STATION - FM AIR VENT CARBON CANISTER	INSTRUMENTATION		CONSOLIDPIPE
FWH	4258	[350A/351] - OZONE CONTACTOR No5 - OZONE MONITOR	INSTRUMENTATION		
FWH	242070	EFFLUENT FLOWMETER - GMF CELL 8	FLOW METER		
FWH	242060	EFFLUENT FLOWMETER - GMF CELL 7	FLOW METER		
FWH	242050	EFFLUENT FLOWMETER - GMF CELL 6	FLOW METER		
FWH	242040	EFFLUENT FLOWMETER - GMF CELL 5	FLOW METER		
FWH	242030	EFFLUENT FLOWMETER - GMF CELL 4	FLOW METER		
FWH	242020	EFFLUENT FLOWMETER - GMF CELL 3	FLOW METER		
FWH	242010	EFFLUENT FLOWMETER - GMF CELL 2	FLOW METER		
FWH	915275	CHEMSCAN CHEMICAL ANALYZER, 10013423	MTR-(CHEMSCAN)		CHEMSCAN
FWH	915276	CHEMSCAN CHEMICAL ANALYZER - MINI, 10013437	MTR-(CHEMSCAN)		CHEMSCAN
FWH	104060	[211A/B/C] - GRIT SEPARATOR 6 PRESSURE SWITCH LOW - 6005	INSTRUMENTATION		
FWH	104030	[211A/B/C] - GRIT SEPARATOR 3 PRESSURE SWITCH LOW - 3005	INSTRUMENTATION		
FWH	897449	[41] - ODOR CONTROL CARBON UNIT DIFFERENTIAL PRESSURE TRANSMITTER	INSTRUMENTATION		INVENSYS
FWH	897448	[41] - ODOR CONTROL GREASE FILTER DIFFERENTIAL PRESSURE TRANSMITTER	INSTRUMENTATION		INVENSYS
FWH	890580	[250B] - PAKSCAN	INSTRUMENTATION		
FWH	915529	TRANSMITTER, PRESSURE	INSTRUMENTATION		GLOBALCON
FWH	915741	[231A/B/C] - PUMP STATION No2 - FLOW No2707	MTR-FLOW		
FWH	4931	[404A/406A] - NATURAL GAS - MASS FLOW METER	MTR-FLOW		
FWH	174710	[240A/B/C] - CLARIFIER No10 - LEVEL SWITCH HIGH No1002	INSTRUMENTATION		
FWH	174745	[240A/B/C] - CLARIFIER No5 - LEVEL SWITCH HIGH No1502	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	174790	[240A/B/C] - CLARIFIER No6 - LEVEL SWITCH HIGH No1602	INSTRUMENTATION		
FWH	174840	[240A/B/C] - CLARIFIER No7 - LEVEL SWITCH HIGH No1702	INSTRUMENTATION		
FWH	174880	[240A/B/C] - CLARIFIER No8 - LEVEL SWITCH HIGH No1802	INSTRUMENTATION		
FWH	174930	[240A/B/C] - CLARIFIER No9 - LEVEL SWITCH HIGH No1902	INSTRUMENTATION		
FWH	913544	[201B] - SUMP PUMPS LEVEL ELEMENT - 7011	LEVEL		
FWH	157900	[231A/B/C] - TANK DRAIN PUMP STATION - METHANE GAS MONITOR No9915B INSTR	GAS MONTR-METH		
FWH	157710	[231A/B/C] - TANK DRAIN PUMP - LEVEL INDICATOR TRANSMITTER - No9901	LEVEL		
FWH	890550	[250B] - TRANSFER SWITCH	INSTRUMENTATION		
FWH	192250	[250C] - UNINTERRUPTABLE POWER SOURCE No2 - BYPASS SWITCH	INSTRUMENTATION		
FWH	063850	[211A/B/C] - UNINTERRUPTABLE POWER SOURCE No1 - BYPASS SWITCH	INSTRUMENTATION		
FWH	063950	[211A/B/C] - UNINTERRUPTABLE POWER SOURCE No2 - BYPASS SWITCH	INSTRUMENTATION		
FWH	890670	[211A/B/C] - PAKSCAN (ELECTRICAL ROOM No2)	INSTRUMENTATION		
FWH	915596	PARKSON SCREENINGS DRUM SCREEN No1 - EMERGENCY STOP SWITCH	INSTRUMENTATION	ADALET	TDHCOM
FWH	594650	[520A] - SUMP PUMP No1 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	594750	[520A] - SUMP PUMP No2 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	594850	[520A] - SUMP PUMP No3 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	594950	[520A] - SUMP PUMP No4 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	595050	[520A] - SUMP PUMP No5 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	595150	[520A] - SUMP PUMP No6 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	595250	[520A] - SUMP PUMP No7 - PUMP LEVEL INDICATOR	LEVEL	AMETEK	
FWH	048100	[211A/B/C] - CHANNEL No1 - LEVEL No1004	MTR-LEVL(ULTRA)	AMETEK	
FWH	049000	[211A/B/C] - CHANNEL No2 - LEVEL No2004	MTR-LEVL(ULTRA)	AMETEK	
FWH	049900	[211A/B/C] - CHANNEL No3 - LEVEL No3004	MTR-LEVL(ULTRA)	AMETEK	
FWH	4558	[404A/406A] - HOT WATER - LEVEL METER No6722	MTR-LEVL(ULTRA)	AMETEK	
FWH	4557	[404A/406A] - HOT WATER - LEVEL METER No6712	MTR-LEVL(ULTRA)	AMETEK	
FWH	023300	NORTH CHEMICAL SCRUBBER No1 - LEVEL METER No2100	INSTRUMENTATION	AMETEK	
FWH	024700	NORTH CHEMICAL SCRUBBER No2 - LEVEL METER No 2200	INSTRUMENTATION	AMETEK	
FWH	026100	NORTH CHEMICAL SCRUBBER No3 - LEVEL METER No2300	INSTRUMENTATION	AMETEK	
FWH	027500	NORTH CHEMICAL SCRUBBER No4 - LEVEL METER No2400	INSTRUMENTATION	AMETEK	
FWH	028900	NORTH CHEMICAL SCRUBBER No5 - LEVEL METER No2500	INSTRUMENTATION	AMETEK	
FWH	3603	[405A] - THICKENED WASTE ACTIVATED SLUDGE No1 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	3604	[405A] - THICKENED WASTE ACTIVATED SLUDGE No2 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	3605	[405A] - THICKENED WASTE ACTIVATED SLUDGE No3 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	3606	[405A] - THICKENED WASTE ACTIVATED SLUDGE No4 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	3607	[405A] - THICKENED WASTE ACTIVATED SLUDGE No5 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	3608	[405A] - THICKENED WASTE ACTIVATED SLUDGE No6 - LEVEL SENSING HEAD	LEVEL	AMETEK	
FWH	913032	[402B] - GAS COMPRESSOR No2 - PRESSURE INDICATOR	INSTRUMENTATION	ASHCROFT	
FWH	913033	[402B] - GAS COMPRESSOR No3 - PRESSURE INDICATOR	INSTRUMENTATION	ASHCROFT	
FWH	591250	[516] - SCRUBBER No 4 - PRESSURE SENSOR	INSTRUMENTATION	ASHCROFT	
FWH	055070	[211A/B/C] - BAND SCREEN No4 - PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
FWH	055270	[211A/B/C] - BAND SCREEN No5 - PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
FWH	055470	[211A/B/C] - BAND SCREEN No6 - PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
FWH	055670	[211A/B/C] - BAND SCREEN No7 - PRESSURE GAUGE	INSTRUMENTATION	ASHCROFT	
FWH	104050	[211A/B/C] - GRIT SEPARATOR 5 PRESSURE SWITCH LOW - 5005	INSTRUMENTATION	ASHCROFT	
FWH	104070	[211A/B/C] - GRIT SEPARATOR 7 PRESSURE SWITCH LOW - 7005	INSTRUMENTATION	ASHCROFT	
FWH	104040	[211A/B/C] - GRIT SEPARATOR 4 PRESSURE SWITCH LOW - 4005	INSTRUMENTATION	ASHCROFT	
FWH	104020	[211A/B/C] - GRIT SEPARATOR 2 PRESSURE SWITCH LOW - 2005	INSTRUMENTATION	ASHCROFT	
FWH	104010	[211A/B/C] - GRIT SEPARATOR 1 PRESSURE SWITCH LOW - 1005	INSTRUMENTATION	ASHCROFT	
FWH	4954	[404A/406A] - SCUM CONCENTRATOR No1 - PRESSURE METER	MTR-PRESS	ASHCROFT	
FWH	4956	[404A/406A] - SCUM CONCENTRATOR No2 - PRESSURE METER	MTR-PRESS	ASHCROFT	
FWH	3135	[405A] THICKENED WASTE ACTIVATED SLUDGE No1 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	3134	[405A] THICKENED WASTE ACTIVATED SLUDGE No2 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	3133	[405A] THICKENED WASTE ACTIVATED SLUDGE No3 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	3592	[405A] THICKENED WASTE ACTIVATED SLUDGE No4 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	3132	[405A] THICKENED WASTE ACTIVATED SLUDGE No5 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	3131	[405A] THICKENED WASTE ACTIVATED SLUDGE No6 - PRESSURE SWITCH	INSTRUMENTATION	ASHCROFT	
FWH	4882	[640B] - OUTDOOR VERTICAL RESISTIVE LOAD BANK - RESISTIVE LOAD BANK	INSTRUMENTATION	AVTRON	
FWH	018460	NORTH CHEMICAL - METAL SALTS PUMP No10 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	017860	NORTH CHEMICAL - METAL SALTS PUMP No8 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	018160	NORTH CHEMICAL - METAL SALTS PUMP No9 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	013960	NORTH CHEMICAL BUILDING - CAUSTIC SODA PUMP No1 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	014260	NORTH CHEMICAL BUILDING - CAUSTIC SODA PUMP No2 - SPEED SENSOR	INSTRUMENTATION	BALDOR	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	010960	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No1 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	013660	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No10 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	011260	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No2 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	011560	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No3 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	011860	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No4 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	012160	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No5 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	012460	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No6 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	012760	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No7 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	013060	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No8 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	013360	NORTH CHEMICAL BUILDING - MAGNESIUM HYDROXIDE PUMP No9 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	014560	NORTH CHEMICAL BUILDING - CAUSTIC SODA PUMP No3 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	014860	NORTH CHEMICAL BUILDING - CAUSTIC SODA PUMP No4 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	015160	NORTH CHEMICAL BUILDING - CAUSTIC SODA PUMP No5 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	015760	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No1 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	016060	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No2 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	016360	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No3 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	016650	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No4 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	016960	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No5 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	017260	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No6 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	017560	NORTH CHEMICAL BUILDING - METAL SALTS PUMP No7 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	018760	NORTH CHEMICAL - POLYMER PUMP No1 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	021460	NORTH CHEMICAL BUILDING - POLYMER PUMP No10 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	019060	NORTH CHEMICAL - POLYMER PUMP No2 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	019360	NORTH CHEMICAL BUILDING - POLYMER PUMP No3 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	019660	NORTH CHEMICAL BUILDING - POLYMER PUMP No4 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	019950	NORTH CHEMICAL BUILDING - POLYMER PUMP No5 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	020260	NORTH CHEMICAL BUILDING - POLYMER PUMP No6 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	020560	NORTH CHEMICAL BUILDING - POLYMER PUMP No7 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	020860	NORTH CHEMICAL BUILDING - POLYMER PUMP No8 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	021160	NORTH CHEMICAL BUILDING - POLYMER PUMP No9 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	021760	NORTH CHEMICAL BUILDING - SODIUM HYPOCHLORITE PUMP No1 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	022060	NORTH CHEMICAL BUILDING - SODIUM HYPOCHLORITE PUMP No2 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	022360	NORTH CHEMICAL BUILDING - SODIUM HYPOCHLORITE PUMP No3 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	022660	NORTH CHEMICAL BUILDING - SODIUM HYPOCHLORITE PUMP No4 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	022960	NORTH CHEMICAL BUILDING - SODIUM HYPOCHLORITE PUMP No5 - SPEED SENSOR	INSTRUMENTATION	BALDOR	
FWH	913338	[630B] - TRANSDUCER MSA - SECTION 1 (DA5LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913339	[630B] - TRANSDUCER MSA - SECTION 2 (DA6LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913340	[630B] - TRANSDUCER MSA - SECTION 2 (DA3LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913341	[630B] - TRANSDUCER MSA - SECTION 2 (DA4LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913342	[630B] - TRANSDUCER MSA - SECTION 3 (DA2LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913343	[630B] - TRANSDUCER MSA - SECTION 3 (DA1LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913344	[630B] - TRANSDUCER MSA - SECTION 4 (NALYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913345	[630B] - TRANSDUCER MSA - SECTION 5 (NTABLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913363	[630B] - TRANSDUCER MSAA - SECTION 1 (DAA4LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913364	[630B] - TRANSDUCER MSAA - SECTION 1 (DAA3LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913367	[630B] - TRANSDUCER MSAA - SECTION 2 (DAA2LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913368	[630B] - TRANSDUCER MSAA - SECTION 2 (DAA1LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913375	[630B] - TRANSDUCER MSAA - SECTION 5 (ETAALYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913378	[630B] - TRANSDUCER MSAA - SECTION 6 (NTAALYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913373	[630B] - TRANSDUCER MSAA - SECTION 3 (NAALYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913346	[630B] - TRANSDUCER MSB - SECTION 1 (DB5LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913347	[630B] - TRANSDUCER MSB - SECTION 2 (DB6LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913348	[630B] - TRANSDUCER MSB - SECTION 2 (DB3LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913349	[630B] - TRANSDUCER MSB - SECTION 2 (DB4LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913350	[630B] - TRANSDUCER MSB - SECTION 3 (DB2LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913351	[630B] - TRANSDUCER MSB - SECTION 3 (DB1LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913357	[630B] - TRANSDUCER MSB - SECTION 10 (NTBALYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913358	[630B] - TRANSDUCER MSB - SECTION 11 (NBLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913399	[630B] - TRANSDUCER MSBB - SECTION 3 (NBBLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913404	[630B] - TRANSDUCER MSBB - SECTION 6 (NTBBLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913401	[630B] - TRANSDUCER MSBB - SECTION 5 (ETBBLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913388	[630B] - TRANSDUCER MSBB - SECTION 1 (DBB4LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	913389	[630B] - TRANSDUCER MSBB - SECTION 1 (DBB3LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913393	[630B] - TRANSDUCER MSBB - SECTION 2 (DBB2LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913394	[630B] - TRANSDUCER MSBB - SECTION 2 (DBB1LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913434	[640A] - TRANSDUCER GPSA - SECTION 2 (G1LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913441	[640A] - TRANSDUCER GPSA - SECTION 4 (G3LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913444	[640A] - TRANSDUCER GPSA - SECTION 5 (G4LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913447	[640A] - TRANSDUCER GPSA - SECTION 6 (G5LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913450	[640A] - TRANSDUCER GPSA - SECTION 7 (G6LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913456	[640A] - TRANSDUCER GPSA - SECTION 9 (G8LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913457	[640A] - TRANSDUCER GPSA - SECTION 10 (LBLEYX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913453	[640A] - TRANSDUCER GPSA - SECTION 8 (G7LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913437	[640A] - TRANSDUCER GPSA - SECTION 3 (G2LYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913460	[640A] - TRANSDUCER GPSA - SECTION 11 (DEBLYNX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	913429	[640A] - TRANSDUCER GPSA - SECTION 1 (DEALYX)	INSTRUMENTATION	BITRONICS	CAT SWITCHGEAR
FWH	4439	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No29 - PULSATION DAMPER (LARGE)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3034	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No29 - PULSATION DAMPER (SOUTH)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3035	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No29 - PULSATION DAMPER (NORTH)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3036	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No30 - PULSATION DAMPER (SOUTH)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3037	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No30 - PULSATION DAMPER (NORTH)	INSTRUMENTATION	BREDEL-WATSON	
FWH	4440	[404A/406A] - CHEMICAL SLUDGE TRANSFER PUMP No30 - PULSATION DAMPER (LARGE)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2970	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No25 - PULSATION DAMPER (EAST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2971	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No25 - PULSATION DAMPER (WEST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2972	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No26 - PULSATION DAMPER (EAST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2973	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No26 - PULSATION DAMPER (WEST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2974	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No27 - PULSATION DAMPER (EAST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	2975	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No27 - PULSATION DAMPER (WEST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3017	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No28 - PULSATION DAMPER (EAST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3018	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No28 - PULSATION DAMPER (WEST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3019	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No29 - PULSATION DAMPER (EAST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3020	[404A/406A] - DIGESTED SLUDGE TRANSFER PUMP No29 - PULSATION DAMPER (WEST)	INSTRUMENTATION	BREDEL-WATSON	
FWH	3154	[405A] - POLYMER FEED PUMP No43 - EFFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3102	[405A] - POLYMER FEED PUMP No43 - INFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3103	[405A] - POLYMER FEED PUMP No44 - INFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3155	[405A] - POLYMER FEED PUMP No44 - EFFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3156	[405A] - POLYMER FEED PUMP No45 - EFFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3104	[405A] - POLYMER FEED PUMP No45 - INFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3105	[405A] - POLYMER FEED PUMP No46 - INFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3157	[405A] - POLYMER FEED PUMP No46 - EFFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3158	[405A] - POLYMER FEED PUMP No47 - EFFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	3106	[405A] - POLYMER FEED PUMP No47 - INFLUENT PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	4553	[404A/406A] - FOG/HSW FEED PUMP No1/No3 - PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	4554	[404A/406A] - FOG/HSW FEED PUMP No2/No4 - PULSATION DAMPER	INSTRUMENTATION	BREDEL-WATSON	
FWH	2148	[352] - OXYGEN TANK No1 - LEVEL/PRESSURE METER	MTR-LEVL(ULTRA)	CAMERONINSTRU	
FWH	915239	ANALYZER/EQUIPMENT, PORTABLE, NO1	INSTRUMENTATION	CEMCORP	CEMCORP
FWH	915240	ANALYZER/EQUIPMENT, PORTABLE, NO2	INSTRUMENTATION	CEMCORP	CEMCORP
FWH	915241	ANALYZER/EQUIPMENT, PORTABLE, NO3	INSTRUMENTATION	CEMCORP	CEMCORP
FWH	503100-1	[350A/351] - CHEMSCAN No1503- CHEMSCAN ANALYSER	MTR-(CHEMSCAN)	CHEMSCAN	ASACHEMSCAN
FWH	503200-1	[350A/351] - CHEMSCAN No1506 - CHEMSCAN ANALYSER	MTR-(CHEMSCAN)	CHEMSCAN	ASACHEMSCAN
FWH	914900	CHEMSCAN ANALYSER, [370A/371A] EFFLUENT, 10013176	MTR-(CHEMSCAN)	CHEMSCAN	ASACHEMSCAN
FWH	4766	[331A/B] - EDU No7 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4767	[331A/B] - EDU No7 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4768	[331A/B] - EDU No8 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4769	[331A/B] - EDU No8 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4770	[331A/B] - EDU No9 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4771	[331A/B] - EDU No9 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4773	[331A/B] - EDU No10 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4775	[331A/B] - EDU No12 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4776	[331A/B] - EDU No13 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4777	[331A/B] - EDU No13 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4778	[350A/351] - EDUCTOR No13 - ROTOMETER (EAST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4779	[350A/351] - EDUCTOR No13 - ROTOMETER (WEST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4780	[331A/B] - EDU No14 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	4781	[331A/B] - EDU No14 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4782	[350A/351] - EDUCTOR No14 - ROTOMETER (WEST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4783	[350A/351] - EDUCTOR No14 - ROTOMETER (EAST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4784	[331A/B] - EDU No15 - ROTOMETER (SOUTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4785	[331A/B] - EDU No15 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4786	[350A/351] - EDUCTOR No15 - ROTOMETER (EAST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4787	[350A/351] - EDUCTOR No15 - ROTOMETER (WEST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4789	[331A/B] - EDU No16 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4791	[350A/351] - EDUCTOR No16 - ROTOMETER (WEST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4793	[331A/B] - EDU No17 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	4794	[350A/351] - EDUCTOR No17 - ROTOMETER (EAST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4799	[350A/351] - EDUCTOR No18 - ROTOMETER (WEST)	MTR-FLOW	CLEAVERBROOKS	
FWH	4797	[331A/B] - EDU No18 - ROTOMETER (NORTH)	MTR-FLOW	CLEAVERBROOKS	
FWH	3352	[350A/351] - NITROGEN GENERATOR No1 - FLOW METER	MTR-FLOW	CLEAVERBROOKS	
FWH	2116	[350A/351] - NITROGEN GENERATOR No2 - MASS FLOW METER	MTR-FLOW	CLEAVERBROOKS	
FWH	4244	[350A/351] - EDUCTOR No19 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4245	[350A/351] - EDUCTOR No19 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4246	[350A/351] - EDUCTOR No20 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4247	[350A/351] - EDUCTOR No20 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4248	[350A/351] - EDUCTOR No21 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4249	[350A/351] - EDUCTOR No21 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4252	[350A/351] - EDUCTOR No22 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4253	[350A/351] - EDUCTOR No22 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4254	[350A/351] - EDUCTOR No23 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4255	[350A/351] - EDUCTOR No23 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4256	[350A/351] - EDUCTOR No24 - ROTOMETER (EAST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	4257	[350A/351] - EDUCTOR No24 - ROTOMETER (WEST)	INSTRUMENTATION	CLEAVERBROOKS	
FWH	3049	[404A/406A] - BOILER No3 - PILOT LIGHT CONTROL	INSTRUMENTATION	CLEAVERBROOKS	
FWH	3050	[404A/406A] - BOILER No4 - PILOT LIGHT CONTROL	INSTRUMENTATION	CLEAVERBROOKS	
FWH	516200	[404A/406A] - H2S GAS No2036 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516300	[404A/406A] - H2S GAS No2136 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516400	[404A/406A] - H2S GAS No2236 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516500	[404A/406A] - H2S GAS No2336 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516600	[404A/406A] - H2S GAS No2436 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516700	[404A/406A] - H2S GAS No2636 - H2S GAS	GAS-H2S	DRAEGER	
FWH	516800	[404A/406A] - H2S GAS No2646 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043200	[211A/B/C] - H2S GAS No2037 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043250	[211A/B/C] - H2S GAS No2037 (WEST) - SENSING HEAD	INSTRUMENTATION	DRAEGER	
FWH	043350	[211A/B/C] - H2S GAS No2039 (WEST) - SENSING HEAD	INSTRUMENTATION	DRAEGER	
FWH	043400	[211A/B/C] - H2S GAS No2041 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043450	[211A/B/C] - H2S GAS No2041 (WEST) - SENSING HEAD	INSTRUMENTATION	DRAEGER	
FWH	043500	[211A/B/C] - H2S GAS No2047 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043550	[211A/B/C] - H2S GAS No2047 (EAST) - SENSING HEAD	INSTRUMENTATION	DRAEGER	
FWH	043600	[211A/B/C] - H2S GAS No2049 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043700	[211A/B/C] - H2S GAS No2051 - H2S GAS	GAS-H2S	DRAEGER	
FWH	065300	[221A/B/C] - H2S GAS No2602 - H2S GAS	GAS-H2S	DRAEGER	
FWH	065400	[221A/B/C] - H2S GAS No2604 - H2S GAS	GAS-H2S	DRAEGER	
FWH	043800	[211A/B/C] - METHANE GAS No2036 - METHANE GAS	GAS MONTR-METH	DRAEGER	
FWH	044000	[211A/B/C] - METHANE GAS No2040 - METHANE GAS	GAS MONTR-METH	DRAEGER	
FWH	895575	[221A/B/C] - METHANE GAS No2604 - METHANE GAS	GAS-H2S	DRAEGER	
FWH	158000	[231A/B/C] - TANK DRAIN PUMP STATION - LEVEL No9001A	MTR-LEV(ULTRA)	DRAEGER	
FWH	4876	[630B] - BIO - BIO SYSTEM	INSTRUMENTATION	DUNGS	
FWH	4877	[630B] - BIO - GAS SYSTEM	INSTRUMENTATION	DUNGS	
FWH	4878	[630B] - NATURAL GAS - GAS SYSTEM	INSTRUMENTATION	DUNGS	
FWH	913416	[640A] - REMOTE TSP GEN BLDG ENTRY (REMOTE CLIENT)	INSTRUMENTATION	DYNICS	CAT SWITCHGEAR
FWH	913420	[640A] - REMOTE TSP UTILITY BLDG ENTRY (REMOTE CLIENT)	INSTRUMENTATION	DYNICS	CAT SWITCHGEAR
FWH	913465	[640A] - TSP GPSA - CP3 (FACTORY TALK SERVER)	INSTRUMENTATION	DYNICS	CAT SWITCHGEAR
FWH	913385	[630B] - TSP MSAA - CP3 (FACTORY TALK SERVER)	INSTRUMENTATION	DYNICS	CAT SWITCHGEAR
FWH	913412	[630B] - REMOTE TSP MSBB - CP4 (REMOTE CLIENT)	INSTRUMENTATION	DYNICS	CAT SWITCHGEAR
FWH	913463	[640A] - TOUCH SCREEN GPSA - CP3 (POWERLYNX TOUCH SCREEN)	INSTRUMENTATION	ELO	CAT SWITCHGEAR
FWH	913464	[640A] - TOUCH SCREEN GPSA - CP3 (TOUCHSCREEN BEZEL)	INSTRUMENTATION	ELO	CAT SWITCHGEAR
FWH	913383	[630B] - TOUCH SCREEN MSAA - CP3 (POWERLYNX TOUCH SCREEN)	INSTRUMENTATION	ELO	CAT SWITCHGEAR

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	913384	[630B] - TOUCH SCREEN MSAA - CP3 (TOUCHSCREEN BEZEL)	INSTRUMENTATION	ELO	CAT SWITCHGEAR
FWH	913410	[630B] - TOUCH SCREEN MSBB - CP4 (POWERLYNX TOUCH SCREEN)	INSTRUMENTATION	ELO	CAT SWITCHGEAR
FWH	913411	[630B] - TOUCH SCREEN BEZEL MSBB - CP4 (TOUCHSCREEN BEZEL)	INSTRUMENTATION	ELO	CAT SWITCHGEAR
FWH	4671	[640B] - SWITCHGEAR - SWITCHGEAR No61 TOUCHSCREEN	INSTRUMENTATION	ELO TOUCH	
FWH	3013	[404A/406A] - BOILER No1 - PRESSURE REGULATOR	INSTRUMENTATION	FISHRCON	
FWH	3014	[404A/406A] - BOILER No2 - PRESSURE REGULATOR	INSTRUMENTATION	FISHRCON	
FWH	3015	[404A/406A] - BOILER No3 - PRESSURE REGULATOR	INSTRUMENTATION	FISHRCON	
FWH	3016	[404A/406A] - BOILER No4 - PRESSURE REGULATOR	INSTRUMENTATION	FISHRCON	
FWH	4367	[402B] - DIGESTER GAS - PRESSURE REGULATOR	INSTRUMENTATION	FISHRCON	
FWH	065670	[210A/C] - FLUXUS FLOW METER - BEAVER RUIN INFLUENT LINE	MTR-FLOW	FLEXIM	PREMIERSAFE
FWH	32341	[405A] - FLEXIM PORTABLE FLOW METER	INSTRUMENTATION	FLEXIM	
FWH	915703	ULTRASONIC FLOWMETER, 60112245	FLOW METER	FLEXIM	FLEXIM
FWH	915704	FLOW TRANSDUCER, CDM1NZ-125047	INSTRUMENTATION	FLEXIM	FLEXIM
FWH	915705	FLOW TRANSDUCER, CDK1NZ-126205	INSTRUMENTATION	FLEXIM	FLEXIM
FWH	915706	ULTRASONIC FLOWMETER, 60112042	FLOW METER	FLEXIM	FLEXIM
FWH	915707	FLOW TRANSDUCER, CDM1NZ-122369	INSTRUMENTATION	FLEXIM	FLEXIM
FWH	915708	FLOW TRANSDUCER, CDK1NZ7-122698	INSTRUMENTATION	FLEXIM	FLEXIM
FWH	1843	[232A] - BLOWER No1 - PRESSURE METER	MTR-PRESS	FLUIDCOMPO	
FWH	1844	[232A] - BLOWER No2 - PRESSURE METER	MTR-PRESS	FLUIDCOMPO	
FWH	1845	[232A] - BLOWER No3 - PRESSURE METER	MTR-PRESS	FLUIDCOMPO	
FWH	170600	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	170100	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	170200	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	170300	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	170400	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	170500	[240A/B/C] - H2S GAS No0000 - H2S GAS	GAS-H2S	FLUIDCOMPO	
FWH	915526	SWITCH, LEVEL	INSTRUMENTATION	FLYGTITT	FLYGTITT
FWH	915525	SWITCH, LEVEL	INSTRUMENTATION	FLYGTITT	FLYGTITT
FWH	915531	SWITCH, LEVEL	INSTRUMENTATION	FLYGTITT	FLYGTITT
FWH	915530	SWITCH, LEVEL	INSTRUMENTATION	FLYGTITT	FLYGTITT
FWH	3599	[630B] - GENERATOR - MODULE CONTROL TOUCHSCREEN	INSTRUMENTATION	GENELEC	
FWH	4399	[404A/406A] - FOXBORO CABINETS - CABINET 40FOPP002	INSTRUMENTATION	GENELEC	
FWH	4400	[404A/406A] - FOXBORO CABINETS - CABINET 40TBC002	INSTRUMENTATION	GENELEC	
FWH	4401	[404A/406A] - FOXBORO CABINETS - CABINET 40TBC001	INSTRUMENTATION	GENELEC	
FWH	4403	[404A/406A] - FOXBORO CABINETS - CABINET 4010C001	INSTRUMENTATION	GENELEC	
FWH	4404	[404A/406A] - FOXBORO CABINETS - CABINET 4010C002	INSTRUMENTATION	GENELEC	
FWH	4405	[404A/406A] - FOXBORO CABINETS - CABINET 4010C003	INSTRUMENTATION	GENELEC	
FWH	4265	[350A/351] - OXYGEN SYSTEM NoA - MOISTURE TARGET TRANSMITTER	INSTRUMENTATION	GENELEC	
FWH	4266	[350A/351] - OXYGEN SYSTEM NoA - MOISTURE TARGET TRANSMITTER	INSTRUMENTATION	GENELEC	
FWH	223000	[319A] - DISTRIBUTION BOX - PH No1537	MTR-PH (GLI)	GLIINC	
FWH	222900	[319A] - DISTRIBUTION BOX - PH No1536	MTR-PH (GLI)	GLIINC	
FWH	199100	[311A] - SOLIDS CONTACT CLARIFIER No1 - PH No2101	MTR-PH (GLI)	GLIINC	
FWH	199300	[311A] - SOLIDS CONTACT CLARIFIER No2 - PH No2201	MTR-PH (GLI)	GLIINC	
FWH	199500	[311A] - SOLIDS CONTACT CLARIFIER No3 - PH No2301	MTR-PH (GLI)	GLIINC	
FWH	199700	[311A] - SOLIDS CONTACT CLARIFIER No4 - PH No2401	MTR-PH (GLI)	GLIINC	
FWH	023800	NORTH CHEMICAL SCRUBBER RECIRCULATION PUMP No1 - PH METER No2123A	MTR-PH (GLI)	GREATLAKES	
FWH	025200	NORTH CHEMICAL SCRUBBER RECIRCULATION PUMP No2 - PH METER No2223A	MTR-PH (GLI)	GREATLAKES	
FWH	913417	[610A] - REMOTE PC OPS CENTER (POWER LYNX REMOTE PC)	INSTRUMENTATION	HEWPACK	CAT SWITCHGEAR
FWH	913418	[610A] - REMOTE MONITOR OPS CENTER (HP ELITE DISPLAY E23LI #F9Z10AA#ABA)	INSTRUMENTATION	HEWPACK	CAT SWITCHGEAR
FWH	890239	[610A] - PRIMARY DOMAIN CONTROL 61PDC1	INSTRUMENTATION	HEWPACK	SQUARED
FWH	890240	[610A] - HISTORIAN SERVER 61HT01	INSTRUMENTATION	HEWPACK	SQUARED
FWH	890241	[610A] - WORK STATION GALAXY 61AW07	INSTRUMENTATION	HEWPACK	SQUARED
FWH	890242	[610A] - TERMINAL SERVER 61AW08	INSTRUMENTATION	HEWPACK	SQUARED
FWH	890244	[610A] - DATA COLLECTOR 1 61DC01	INSTRUMENTATION	HEWPACK	SQUARED
FWH	900855	[41] - HISTORIAN SERVER 40HT01	INSTRUMENTATION	HEWPACK	SQUARED
FWH	900860	[41] - TERMINAL SERVER 40AW01	INSTRUMENTATION	HEWPACK	SQUARED
FWH	900865	[41] - DATA COLLECTOR 1 40DC01	INSTRUMENTATION	HEWPACK	SQUARED
FWH	900870	[41] - DATA COLLECTOR 2 40DC02	INSTRUMENTATION	HEWPACK	SQUARED
FWH	913387	[630B] - FIBER OPTIC REPEATER MSAA - CP3 (FOR335)	INSTRUMENTATION	HIRSCHMAN	CAT SWITCHGEAR
FWH	3047	[404A/406A] - BOILER No1 - PILOT LIGHT CONTROL	INSTRUMENTATION	HONEYWELL	
FWH	2934	[404A/406A] - BOILER No1 - PILOT LIGHT SENSOR	INSTRUMENTATION	HONEYWELL	
FWH	4458	[404A/406A] - BOILER No1 - PILOT LIGHT SENSOR	INSTRUMENTATION	HONEYWELL	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	4459	[404A/406A] - BOILER No2 - PILOT LIGHT SENSOR	INSTRUMENTATION	HONEYWELL	
FWH	3048	[404A/406A] - BOILER No2 - PILOT LIGHT CONTROL	INSTRUMENTATION	HONEYWELL	
FWH	2935	[404A/406A] - BOILER No3 - PILOT LIGHT SENSOR	INSTRUMENTATION	HONEYWELL	
FWH	4460	[404A/406A] - BOILER No4 - PILOT LIGHT SENSOR	INSTRUMENTATION	HONEYWELL	
FWH	916745	[221A/B/C] - PRIMARY CLARIFIER No10 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916746	[221A/B/C] - PRIMARY CLARIFIER No10 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916749	[221A/B/C] - PRIMARY CLARIFIER No10 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916924	[221A/B/C] - PRIMARY CLARIFIER No9 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916925	[221A/B/C] - PRIMARY CLARIFIER No9 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916928	[221A/B/C] - PRIMARY CLARIFIER No9 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916902	[221A/B/C] - PRIMARY CLARIFIER No8 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916903	[221A/B/C] - PRIMARY CLARIFIER No8 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916906	[221A/B/C] - PRIMARY CLARIFIER No8 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916880	[221A/B/C] - PRIMARY CLARIFIER No7 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916881	[221A/B/C] - PRIMARY CLARIFIER No7 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916884	[221A/B/C] - PRIMARY CLARIFIER No7 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916857	[221A/B/C] - PRIMARY CLARIFIER No6 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916858	[221A/B/C] - PRIMARY CLARIFIER No6 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916861	[221A/B/C] - PRIMARY CLARIFIER No6 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916834	[221A/B/C] - PRIMARY CLARIFIER No5 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916835	[221A/B/C] - PRIMARY CLARIFIER No5 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916838	[221A/B/C] - PRIMARY CLARIFIER No5 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916812	[221A/B/C] - PRIMARY CLARIFIER No4 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916813	[221A/B/C] - PRIMARY CLARIFIER No4 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916816	[221A/B/C] - PRIMARY CLARIFIER No4 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916789	[221A/B/C] - PRIMARY CLARIFIER No3 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916790	[221A/B/C] - PRIMARY CLARIFIER No3 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916794	[221A/B/C] - PRIMARY CLARIFIER No3 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916767	[221A/B/C] - PRIMARY CLARIFIER No2 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916768	[221A/B/C] - PRIMARY CLARIFIER No2 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916771	[221A/B/C] - PRIMARY CLARIFIER No2 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916724	[221A/B/C] - PRIMARY CLARIFIER No1 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916725	[221A/B/C] - PRIMARY CLARIFIER No1 - SLUDGE COLLECTOR (EAST) - FLIGHT SENSOR 2	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	916728	[221A/B/C] - PRIMARY CLARIFIER No1 - SLUDGE COLLECTOR (WEST) - FLIGHT SENSOR 1	INSTRUMENTATION	HONEYWELL	EVOQUATECH
FWH	046250	[211A/B/C] - FAN No17 - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	046550	[211A/B/C] - FAN No20 - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	046850	[211A/B/C] - FAN No23 - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	040450	PRELIMINARY - HOIST No2 - DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	040850	PRELIMINARY - HOIST No6 - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	041050	[211A/B/C] - HOIST No8 - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	039750	PRELIMINARY - OVERHEAD DOOR No104B - FUSIBLE DISCONNECT	INSTRUMENTATION	HUBBELL	
FWH	1996	[350A/351] - OZONE GENERATOR No5 - OZONE MONITOR	INSTRUMENTATION	INUSA	
FWH	1995	[350A/351] - OZONE GENERATOR No4 - OZONE MONITOR	INSTRUMENTATION	INUSA	
FWH	3562	[331A/B] - OZONE PIPE - FLOW INDICATOR No1101	INSTRUMENTATION	INVENSYS	
FWH	3563	[331A/B] - PRESSURE INDICATOR No1101	INSTRUMENTATION	INVENSYS	
FWH	3564	[331A/B] - FLOW INDICATOR No1201	INSTRUMENTATION	INVENSYS	
FWH	3565	[331A/B] - PRESSURE INDICATOR No1201	INSTRUMENTATION	INVENSYS	
FWH	3567	[331A/B] - PRESSURE INDICATOR No1301	INSTRUMENTATION	INVENSYS	
FWH	3568	[331A/B] - PRESSURE INDICATOR No4032	INSTRUMENTATION	INVENSYS	
FWH	3566	[331A/B] - FLOW INDICATOR No1301	INSTRUMENTATION	INVENSYS	
FWH	3569	[331A/B] - FLOW INDICATOR No1401	INSTRUMENTATION	INVENSYS	
FWH	3570	[331A/B] - PRESSURE INDICATOR No1401	INSTRUMENTATION	INVENSYS	
FWH	3571	[331A/B] - PRESSURE INDICATOR No4042	INSTRUMENTATION	INVENSYS	
FWH	1992	[350A/351] - HEAT EXCHANGER No1 - FLOW METER	MTR-FLOW	INVENSYS	
FWH	3573	[350A/351] - OZONE DESTRUCTOR No1 - PRESSURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3574	[350A/351] - OZONE DESTRUCTOR No2 - PRESSURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3575	[350A/351] - OZONE DESTRUCTOR No3 - PRESSURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3576	[350A/351] - OZONE DESTRUCTOR No4 - PRESSURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3577	[350A/351] - OZONE GENERATOR No1 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3578	[350A/351] - OZONE GENERATOR No1 - PRESSURE INDICATOR No113A	INSTRUMENTATION	INVENSYS	
FWH	3579	[350A/351] - OZONE GENERATOR No1 - PRESSURE INDICATOR No113B	INSTRUMENTATION	INVENSYS	
FWH	3580	[350A/351] - OZONE GENERATOR No1 - TEMPERATURE TRANSMITTER	INSTRUMENTATION	INVENSYS	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	3633	[350A/351] - OZONE GENERATOR No1 - (CWS)TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3634	[350A/351] - OZONE GENERATOR No2 - (CWS)TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3581	[350A/351] - OZONE GENERATOR No2 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3582	[350A/351] - OZONE GENERATOR No2 - TEMPERATURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3635	[350A/351] - OZONE GENERATOR No3 - (CWS)TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	4705	[350A/351] - OZONE GENERATOR No3 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	4706	[350A/351] - OZONE GENERATOR No3 - TEMPERATURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	2011	[350A/351] - OZONE GENERATOR No4 - PRESSURE METER	MTR-PRESS	INVENSYS	
FWH	2012	[350A/351] - OZONE GENERATOR No4 - PRESSURE METER	MTR-PRESS	INVENSYS	
FWH	4707	[350A/351] - OZONE GENERATOR No4 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	4708	[350A/351] - OZONE GENERATOR No4 - TEMPERATURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	3636	[350A/351] - OZONE GENERATOR No4 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3637	[350A/351] - OZONE GENERATOR No4 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3638	[350A/351] - OZONE GENERATOR No4 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3639	[350A/351] - OZONE GENERATOR No4 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	2004	[350A/351] - OZONE GENERATOR No5 - FLOW METER	MTR-FLOW	INVENSYS	
FWH	2005	[350A/351] - OZONE GENERATOR No5 - FLOW METER	MTR-FLOW	INVENSYS	
FWH	2007	[350A/351] - OZONE GENERATOR No5 - PRESSURE METER	MTR-PRESS	INVENSYS	
FWH	2008	[350A/351] - OZONE GENERATOR No5 - PRESSURE METER	MTR-PRESS	INVENSYS	
FWH	3640	[350A/351] - OZONE GENERATOR No5 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3641	[350A/351] - OZONE GENERATOR No5 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3642	[350A/351] - OZONE GENERATOR No5 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	3643	[350A/351] - OZONE GENERATOR No5 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	4709	[350A/351] - OZONE GENERATOR No5 - TEMPERATURE TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	506100	[401A/B] - DIGESTER No2 - LEVEL No2101	MTR-LEVL(ULTRA)	INVENSYS	
FWH	506300	[401A/B] - DIGESTER No2 - TEMPERATURE No2101	MTR-TEMP	INVENSYS	
FWH	506700	[401A/B] - DIGESTER No3 - LEVEL No2210	MTR-LEVL(ULTRA)	INVENSYS	
FWH	506900	[401A/B] - DIGESTER No3 - TEMPERATURE No2209	MTR-TEMP	INVENSYS	
FWH	507300	[401A/B] - DIGESTER No4 - LEVEL No2310	MTR-LEVL(ULTRA)	INVENSYS	
FWH	507500	[401A/B] - DIGESTER No4 - TEMPERATURE No2309	MTR-TEMP	INVENSYS	
FWH	507900	[401A/B] - DIGESTER No5 - LEVEL No2410	MTR-LEVL(ULTRA)	INVENSYS	
FWH	508100	[401A/B] - DIGESTER No5 - TEMPERATURE No2401	MTR-TEMP	INVENSYS	
FWH	508600	[402A/C] - SOLIDS STORAGE TANK No2 - LEVEL No2742B	MTR-LEVL(ULTRA)	INVENSYS	
FWH	2699	[402B] - GAS STORAGE TANK No1 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	510700	[402B] - GAS STORAGE TANK No1 - TEMPERATURE No2621	MTR-TEMP	INVENSYS	
FWH	2700	[402B] - GAS STORAGE TANK No2 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	511300	[402B] - GAS STORAGE TANK No2 - TEMPERATURE No2622	MTR-TEMP	INVENSYS	
FWH	2701	[402B] - GAS STORAGE TANK No3 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	511900	[402B] - GAS STORAGE TANK No3 - TEMPERATURE No2623	MTR-TEMP	INVENSYS	
FWH	2702	[402B] - GAS STORAGE TANK No4 - TEMPERATURE METER	MTR-TEMP	INVENSYS	
FWH	512500	[402B] - GAS STORAGE TANK No4 - TEMPERATURE No2624	MTR-TEMP	INVENSYS	
FWH	534600	[404A/406A] - BOILER (OTHER) - FLOW No2802	MTR-FLOW	INVENSYS	
FWH	2870	[404A/406A] - BOILER (OTHER) - FLOW No2802 (W3 INFLUENT No1&2) TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	2874	[404A/406A] - BOILER (OTHER) - FLOW No2803 (W3 INFLUENT No3&4) TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	534700	[404A/406A] - BOILER (OTHER) - FLOW No2803	MTR-FLOW	INVENSYS	
FWH	534900	[404A/406A] - HEAT EXCHANGER No1 - TEMPERATURE No2041A	MTR-TEMP	INVENSYS	
FWH	535000	[404A/406A] - HEAT EXCHANGER No1 - TEMPERATURE No2041B	MTR-TEMP	INVENSYS	
FWH	535100	[404A/406A] - HEAT EXCHANGER No1 - TEMPERATURE No2041C	MTR-TEMP	INVENSYS	
FWH	535200	[404A/406A] - HEAT EXCHANGER No1 - TEMPERATURE No2041D	MTR-TEMP	INVENSYS	
FWH	535800	[404A/406A] - HEAT EXCHANGER No2 - TEMPERATURE No2141A	MTR-TEMP	INVENSYS	
FWH	535900	[404A/406A] - HEAT EXCHANGER No2 - TEMPERATURE No2141B	MTR-TEMP	INVENSYS	
FWH	536000	[404A/406A] - HEAT EXCHANGER No2 - TEMPERATURE No2141C	MTR-TEMP	INVENSYS	
FWH	536100	[404A/406A] - HEAT EXCHANGER No2 - TEMPERATURE No2141D	MTR-TEMP	INVENSYS	
FWH	536700	[404A/406A] - HEAT EXCHANGER No3 - TEMPERATURE No2060A	MTR-TEMP	INVENSYS	
FWH	536800	[404A/406A] - HEAT EXCHANGER No3 - TEMPERATURE No2060B	MTR-TEMP	INVENSYS	
FWH	536900	[404A/406A] - HEAT EXCHANGER No3 - TEMPERATURE No2060C	MTR-TEMP	INVENSYS	
FWH	537000	[404A/406A] - HEAT EXCHANGER No3 - TEMPERATURE No2060D	MTR-TEMP	INVENSYS	
FWH	537600	[404A/406A] - HEAT EXCHANGER No4 - TEMPERATURE No2150A	MTR-TEMP	INVENSYS	
FWH	537800	[404A/406A] - HEAT EXCHANGER No4 - TEMPERATURE No2150C	MTR-TEMP	INVENSYS	
FWH	537900	[404A/406A] - HEAT EXCHANGER No4 - TEMPERATURE No2150D	MTR-TEMP	INVENSYS	
FWH	537700	[404A/406A] - HEAT EXCHANGER No4 - TEMPERATURE No22150B	MTR-TEMP	INVENSYS	
FWH	538500	[404A/406A] - HEAT EXCHANGER No5 - TEMPERATURE No2050A	MTR-TEMP	INVENSYS	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	538600	[404A/406A] - HEAT EXCHANGER No5 - TEMPERATURE No2050B	MTR-TEMP	INVENSYS	
FWH	538700	[404A/406A] - HEAT EXCHANGER No5 - TEMPERATURE No2050C	MTR-TEMP	INVENSYS	
FWH	538800	[404A/406A] - HEAT EXCHANGER No5 - TEMPERATURE No2050D	MTR-TEMP	INVENSYS	
FWH	541500	[404A/406A] - HOT WATER PUMPS - TEMPERATURE No2801 (DISCHARGE)	MTR-TEMP	INVENSYS	
FWH	890400	[516] - FOXBORO CABINETS	INSTRUMENTATION	INVENSYS	
FWH	3557	[232A] - BLOWER No1 - PRESSURE SENSOR	INSTRUMENTATION	INVENSYS	
FWH	159700	[232A] - BLOWER No1 - TEMPERATURE No7021A (INLET)	MTR-TEMP	INVENSYS	
FWH	159800	[232A] - BLOWER No1 - TEMPERATURE No7021B (DISCHARGE)	MTR-TEMP	INVENSYS	
FWH	160300	[232A] - BLOWER No1 - TEMPERATURE No7001A (MOTOR)	MTR-TEMP	INVENSYS	
FWH	1855	[232A] - BLOWER No1 - PRESSURE GAUGE	INSTRUMENTATION	INVENSYS	
FWH	1858	[232A] - BLOWER No1 - INLET PRESSURE GAUGE	INSTRUMENTATION	INVENSYS	
FWH	1856	[232A] - BLOWER No2 - PRESSURE GAUGE	INSTRUMENTATION	INVENSYS	
FWH	161000	[232A] - BLOWER No2 - TEMPERATURE No7022A (INLET)	MTR-TEMP	INVENSYS	
FWH	161100	[232A] - BLOWER No2 - TEMPERATURE No7022B (DISCHARGE)	MTR-TEMP	INVENSYS	
FWH	161600	[232A] - BLOWER No2 - TEMPERATURE No7002A	MTR-TEMP	INVENSYS	
FWH	3558	[232A] - BLOWER No2 - PRESSURE SENSOR	INSTRUMENTATION	INVENSYS	
FWH	3559	[232A] - BLOWER No3 - PRESSURE SENSOR	INSTRUMENTATION	INVENSYS	
FWH	162300	[232A] - BLOWER No3 - TEMPERATURE No7023A (INLET)	MTR-TEMP	INVENSYS	
FWH	162400	[232A] - BLOWER No3 - TEMPERATURE No7023B (DISCHARGE)	MTR-TEMP	INVENSYS	
FWH	162900	[232A] - BLOWER No3 - TEMPERATURE No7003A	MTR-TEMP	INVENSYS	
FWH	1857	[232A] - BLOWER No3 - GAUGE	INSTRUMENTATION	INVENSYS	
FWH	168110	[232B] - BLOWER No5 - DIFFERENTIAL PRESSURE INDICATOR TRANSMITTER - No7035	INSTRUMENTATION	INVENSYS	
FWH	169410	[232B] - BLOWER No6 - PRESSURE DIFFERENTIAL INDICATOR TRANSMITTER - No7036	INSTRUMENTATION	INVENSYS	
FWH	505500	[401A/B] - DIGESTER No1 - LEVEL No2001	MTR-LEVL(ULTRA)	INVENSYS	
FWH	505700	[401A/B] - DIGESTER No1 - TEMPERATURE No2001	MTR-TEMP	INVENSYS	
FWH	4364	[402B] - DIGESTER GAS - FLOW METER	MTR-FLOW	INVENSYS	
FWH	4365	[402B] - DIGESTER GAS - FLOW TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	1999	[350A/351] - OZONE GENERATOR No3 - FLOW METER (COOLING WATER)	MTR-FLOW	INVENSYS	
FWH	1987	[350A/351] - OZONE GENERATOR No3 - FLOW METER No3 (O2 INLET)	MTR-FLOW	INVENSYS	
FWH	225601	[320A] - GMF No1 - LEVEL No1107 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	227000	[320A] - GMF No2 - LEVEL No1207 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	228400	[320A] - GMF No3 - LEVEL No1307 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	229800	[320A] - GMF No4 - LEVEL No1407 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	231200	[320A] - GMF No5 - LEVEL No1507 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	232600	[320A] - GMF No6 - LEVEL No1607 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	234000	[320A] - GMF No7 - LEVEL No1707 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	234001	[320A] - GMF No7 - LEVEL No1707 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	235400	[320A] - GMF No8 - LEVEL No1807 HEADLOSS METER	MTR-LEVL(ULTRA)	INVENSYS	
FWH	4901	[350A/351] - LOOP COOLING SUPPLY - FLOW METER	MTR-FLOW	INVENSYS	
FWH	661560	[401A/B] - DIGESTER No2 - PRESSURE INDICATING TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	660560	[401A/B] - DIGESTER No1 - PRESSURE INDICATING TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	2009	[350A/351] - OZONE GENERATOR No4 - FLOW METER	MTR-FLOW	INVENSYS	
FWH	2010	[350A/351] - OZONE GENERATOR No4 - FLOW METER	MTR-FLOW	INVENSYS	
FWH	2115	[350A/351] - OZONE GENERATOR No3 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	2002	[350A/351] - OZONE GENERATOR No3 - PRESSURE SENSOR (COOLING WATER)	INSTRUMENTATION	INVENSYS	
FWH	2003	[350A/351] - OZONE GENERATOR No3 - PRESSURE SENSOR TRANSMITTER(O2 INLET)	INSTRUMENTATION	INVENSYS	
FWH	2001	[350A/351] - OZONE GENERATOR No2 - PRESSURE SENSOR TRANSMITTER(COOLING WATER)	INSTRUMENTATION	INVENSYS	
FWH	1990	[350A/351] - OZONE GENERATOR No2 - PRESSURE SENSOR No2 (O2 INLET)	INSTRUMENTATION	INVENSYS	
FWH	1988	[350A/351] - OZONE GENERATOR No2 - FLOW METER No2 (O2 INLET)	MTR-FLOW	INVENSYS	
FWH	2114	[350A/351] - OZONE GENERATOR No2 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	1998	[350A/351] - OZONE GENERATOR No2 - FLOW METER (COOLING WATER)	MTR-FLOW	INVENSYS	
FWH	1997	[350A/351] - OZONE GENERATOR No1 - FLOW METER (COOLING WATER)	MTR-FLOW	INVENSYS	
FWH	2018	[350A/351] - OZONE GENERATOR No1 - FLOW METER TRANSMITTER	INSTRUMENTATION	INVENSYS	
FWH	1991	[350A/351] - OZONE GENERATOR No1 - PRESSURE SENSOR No1 (O2 INLET)	INSTRUMENTATION	INVENSYS	
FWH	1989	[350A/351] - OZONE GENERATOR No1 - FLOW METER No1 (O2 INLET)	MTR-FLOW	INVENSYS	
FWH	2000	[350A/351] - OZONE GENERATOR No1 - PRESSURE SENSOR (COOLING WATER)	INSTRUMENTATION	INVENSYS	
FWH	4196	[340A/B] - GAC ADSORBER (SPARE) - HEADLOSS METER No4311	INSTRUMENTATION	INVENSYS	
FWH	4163	[340A/B] - GAC ADSORBER No8B - HEADLOSS METER No8211	INSTRUMENTATION	INVENSYS	
FWH	4161	[340A/B] - GAC ADSORBER No8A - HEADLOSS METER No8111	INSTRUMENTATION	INVENSYS	
FWH	4159	[340A/B] - GAC ADSORBER No7B - HEADLOSS METER No7211	INSTRUMENTATION	INVENSYS	
FWH	4156	[340A/B] - GAC ADSORBER No7A - HEADLOSS METER No7111	INSTRUMENTATION	INVENSYS	
FWH	4155	[340A/B] - GAC ADSORBER No6B - HEADLOSS METER No6211 - INSTR SEMI-ANNUAL	INSTRUMENTATION	INVENSYS	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	4152	[340A/B] - GAC ADSORBER No6A - HEADLOSS METER No6111	INSTRUMENTATION	INVENSYS	
FWH	4150	[340A/B] - GAC ADSORBER No5B - HEADLOSS METER No5211	INSTRUMENTATION	INVENSYS	
FWH	4148	[340A/B] - GAC ADSORBER No5A - HEADLOSS METER No5111	INSTRUMENTATION	INVENSYS	
FWH	4146	[340A/B] - GAC ADSORBER No4B - HEADLOSS METER No4211	INSTRUMENTATION	INVENSYS	
FWH	4144	[340A/B] - GAC ADSORBER No4A - HEADLOSS METER No4111	INSTRUMENTATION	INVENSYS	
FWH	4142	[340A/B] - GAC ADSORBER No3B - HEADLOSS METER No3211	INSTRUMENTATION	INVENSYS	
FWH	4140	[340A/B] - GAC ADSORBER No3A - HEADLOSS METER No3111	INSTRUMENTATION	INVENSYS	
FWH	4138	[340A/B] - GAC ADSORBER No2B - HEADLOSS METER No2211	INSTRUMENTATION	INVENSYS	
FWH	4135	[340A/B] - GAC ADSORBER No2A - HEADLOSS METER No2111	INSTRUMENTATION	INVENSYS	
FWH	4133	[340A/B] - GAC ADSORBER No1B - HEADLOSS METER No1211	INSTRUMENTATION	INVENSYS	
FWH	4127	[340A/B] - GAC ADSORBER No1A - HEADLOSS METER No1111	INSTRUMENTATION	INVENSYS	
FWH	4084	[331A/B] - OZONE CONTACTOR No1- PRESSURE INDICATOR No046A	INSTRUMENTATION	INVENSYS	
FWH	4085	[331A/B] - OZONE CONTACTOR No1- PRESSURE INDICATOR No046B	INSTRUMENTATION	INVENSYS	
FWH	164100	[232A] - AIR PRESSURE No7401A - PRESSURE	MTR-PRESS (AIR)	INVENSYS	
FWH	164200	[232A] - AIR PRESSURE No7401B - PRESSURE	MTR-PRESS (AIR)	INVENSYS	
FWH	097600	PRIMARY - PRIMARY INFLUENT COMPOSITE SAMPLER	INSTRUMENTATION	ISCO	
FWH	097700	PRIMARY EFFLUENT COMPOSITE SAMPLER	INSTRUMENTATION	ISCO	
FWH	179700	[242B] - SECONDARY EFFLUENT COMPOSITE SAMPLER	INSTRUMENTATION	ISCO	
FWH	659855	[401A/B] - DIGESTER No1 - PIG LAUNCHER	INSTRUMENTATION	JAMISON	
FWH	593050	[520A] - OVERHEAD DOOR No101C - GEAR REDUCER	INSTRUMENTATION	MARANS	
FWH	917014	FLARE No1 - PRESSURE No2771 (NG)	INSTRUMENTATION	MARSH	VAREC BIOGAS
FWH	917015	FLARE No1 - PRESSURE No2772 (NG)	INSTRUMENTATION	MARSH	VAREC BIOGAS
FWH	917040	FLARE No2 - PRESSURE No2781 (NG)	INSTRUMENTATION	MARSH	VAREC BIOGAS
FWH	917041	FLARE No2 - PRESSURE No2782 (NG)	INSTRUMENTATION	MARSH	VAREC BIOGAS
FWH	913031	[402B] - GAS COMPRESSOR No1 - PRESSURE INDICATOR No1	INSTRUMENTATION	MCDANIEL	
FWH	913034	[402B] - GAS COMPRESSOR No1 - PRESSURE INDICATOR No2	INSTRUMENTATION	MCDANIEL	
FWH	054595	[211A/B/C] - BRUSH SCREEN No1 SCREENING CONVEYOR - MOTION PROBE	INSTRUMENTATION	MILLTRONICS	
FWH	054790	[211A/B/C] - BRUSH SCREEN No2 SCREENING CONVEYOR - MOTION PROBE	INSTRUMENTATION	MILLTRONICS	
FWH	054990	[211A/B/C] - BRUSH SCREEN No3 SCREENING CONVEYOR - MOTION PROBE	INSTRUMENTATION	MILLTRONICS	
FWH	055195	[211A/B/C] - BRUSH SCREEN No4 SCREENING CONVEYOR - MOTION PROBE	INSTRUMENTATION	MILLTRONICS	
FWH	055595	[211A/B/C] - BRUSH SCREEN No6 SCREENING CONVEYOR - MOTION PROBE	INSTRUMENTATION	MILLTRONICS	
FWH	265100	[340A/B] - EAST INFLUENT CHANNEL - LEVEL No1002A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	265200	[340A/B] - EAST INFLUENT CHANNEL - LEVEL No1002B	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	331400	[340A/B] - GAC ADSORBER (SPARE) - LEVEL No4312	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	299000	[340A/B] - GAC ADSORBER No10A - LEVEL No0412	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	300800	[340A/B] - GAC ADSORBER No10B - LEVEL No0512	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	302600	[340A/B] - GAC ADSORBER No11A - LEVEL No1412	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	304400	[340A/B] - GAC ADSORBER No11B - LEVEL No1512	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	306200	[340A/B] - GAC ADSORBER No12A - LEVEL No2412	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	308000	[340A/B] - GAC ADSORBER No12B - LEVEL No2512	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	309800	[340A/B] - GAC ADSORBER No13A - LEVEL No3412	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	266600	[340A/B] - GAC ADSORBER No1A - LEVEL No1112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	268400	[340A/B] - GAC ADSORBER No1B - LEVEL No1212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	270200	[340A/B] - GAC ADSORBER No2A - LEVEL No2112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	272000	[340A/B] - GAC ADSORBER No2B - LEVEL No2212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	273800	[340A/B] - GAC ADSORBER No3A - LEVEL No3112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	275600	[340A/B] - GAC ADSORBER No3B - LEVEL No3212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	277400	[340A/B] - GAC ADSORBER No4A - LEVEL No4112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	279200	[340A/B] - GAC ADSORBER No4B - LEVEL No4212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	281000	[340A/B] - GAC ADSORBER No5A - LEVEL No5112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	282800	[340A/B] - GAC ADSORBER No5B - LEVEL No5212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	284600	[340A/B] - GAC ADSORBER No6A - LEVEL No6112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	286400	[340A/B] - GAC ADSORBER No6B - LEVEL No6212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	288200	[340A/B] - GAC ADSORBER No7A - LEVEL No7112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	290000	[340A/B] - GAC ADSORBER No7B - LEVEL No7212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	291800	[340A/B] - GAC ADSORBER No8A - LEVEL No8112	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	293600	[340A/B] - GAC ADSORBER No8B - LEVEL No8212	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	295400	[340A/B] - GAC ADSORBER No9A - LEVEL No9412	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	297200	[340A/B] - GAC ADSORBER No9B - LEVEL No9512	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	265800	[340A/B] - WEST INFLUENT CHANNEL - LEVEL No1004A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	265900	[340A/B] - WEST INFLUENT CHANNEL - LEVEL No1004B	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	497400	[370A/371A] - WET WELL No1 - LEVEL No1201A	MTR-LEVL(ULTRA)	MILLTRONICS	

APPENDIX B - ITEMIZED INSTRUMENTATION LIST					
Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	497700	[370A/371A] - WET WELL No2 - LEVEL No1202A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	499400	[370A/371A] - WET WELL No3 - LEVEL No1203A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	499700	[370A/371A] - WET WELL No4 - LEVEL No1204A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	508300	[402A/C] - SOLIDS STORAGE TANK No1 - LEVEL No2741B	MTR-LEVL(ULTRA)	MILLTRONICS	INVENSYS
FWH	563700	[405A] - POLYMER TANK No5 - LEVEL No4001	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	563900	[405A] - POLYMER TANK No6 - LEVEL No4101	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	5028	[504A] - SODIUM HYPOCHLORITE TANK - LEVEL METER	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	5954001	[520A] - CITRIC ACID TANK No1 - LEVEL No1101	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	5958001	[520A] - CITRIC ACID TANK No1 - LEVEL No1102	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	597000	[520A] - METAL SALTS TANK No1 - LEVEL No2101	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	597400	[520A] - METAL SALTS TANK No2 - LEVEL No2102	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	597800	[520A] - METAL SALTS TANK No3 - LEVEL No2103	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	598600	[520A] - POLYMER TANK No1 - LEVEL No3101	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	599000	[520A] - POLYMER TANK No2 - LEVEL No3102	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	1816	[231A/B/C] - BIOREACTOR No10 - NITRIFIED RECYCLE PUMP No10 - FLOW No0301	MTR-FLOW	MILLTRONICS	
FWH	117300	[231A/B/C] - BIOREACTOR No5 - NITRIFIED RECYCLE PUMP No5 FLOW No5301	MTR-FLOW	MILLTRONICS	
FWH	123200	[231A/B/C] - BIOREACTOR No6 - NITRIFIED RECYCLE PUMP No6 FLOW No6301	MTR-FLOW	MILLTRONICS	
FWH	129100	[231A/B/C] - BIOREACTOR No7 - NITRIFIED RECYCLE PUMP No7 FLOW No7301	MTR-FLOW	MILLTRONICS	
FWH	134900	[231A/B/C] - BIOREACTOR No8 - NITRIFIED RECYCLE PUMP No8 FLOW No8301	MTR-FLOW	MILLTRONICS	
FWH	140800	[231A/B/C] - BIOREACTOR No9 - NITRIFIED RECYCLE PUMP No9 FLOW No9301	MTR-FLOW	MILLTRONICS	
FWH	5010	[504A] - CAUSTIC SODA TANK - LEVEL METER	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	050800	[211A/B/C] - CHANNEL No4 - LEVEL No4004	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	051700	[211A/B/C] - CHANNEL No5 - LEVEL No5004	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	052600	[211A/B/C] - CHANNEL No6 - LEVEL No6004	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	053500	[211A/B/C] - CHANNEL No7 - LEVEL No7004	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	225700	[320A] - GMF No1 - LEVEL No1108	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	227100	[320A] - GMF No2 - LEVEL No1208	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	228500	[320A] - GMF No3 - LEVEL No1308	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	229900	[320A] - GMF No4 - LEVEL No1408	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	231300	[320A] - GMF No5 - LEVEL No1508	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	232700	[320A] - GMF No6 - LEVEL No1608	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	234100	[320A] - GMF No7 - LEVEL No1708	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	235500	[320A] - GMF No8 - LEVEL No1808	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	5020	[402A/C] - SOLID STORAGE No1 - LEVEL METER	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	186000	[250B] - WET WELL No4 - LEVEL No2005D	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	185500	[250B] - WET WELL No3 - LEVEL No2005C	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	185000	[250B] - WET WELL No2 - LEVEL No2005B	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	184500	[250B] - WET WELL No1 - LEVEL No2005A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	179300	[242B] - COLLECTION BOX No2 - LEVEL No2025	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	007400	NORTH CHEMICAL SODIUM HYPOCHLORITE TANK No1 - LEVEL METER ULTRASONIC No 3501	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	007800	NORTH CHEMICAL SODIUM HYPOCHLORITE TANK No1 - LEVEL METER(ULTRASONIC) No3502	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	008200	NORTH CHEMICAL SODIUM HYPOCHLORITE TANK No3 ULTRASONIC- LEVEL METER No3503	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	004800	NORTH CHEMICAL CAUSTIC SODA TANK No1 - ULTRASONIC LEVEL METER No3400	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	004010	NORTH CHEMICAL BLDG - MAGNESIUM HYDROXIDE TANK No2 - ULTRASONIC - LEVEL 3202	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	004400	NORTH CHEMICAL MAGNESIUM HYDROXIDE TANK No2 - LEVEL METER No3202	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	004000	NORTH CHEMICAL BUILDING- MAGNESIUM HYDROXIDE TANK No1 - ULTRASONIC - LEVEL 3201	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	005400	NORTH CHEMICAL METAL SALTS TANK LEVEL METER No1 - INDICATOR TRANSMITTER ULTRASONIC No3001	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	005800	NORTH CHEMICAL METAL SALTS TANK No2 - LEVEL METER INDICATOR TRANSMITTER ULTRASONIC No3002	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	006200	NORTH CHEMICAL METAL SALTS TANK No3 - LEVEL METER ( ULTRASONIC TRANSMITTER ) No 3003	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	006600	NORTH CHEMICAL POLYMER TANK No1 - LEVEL METER No4001	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	007000	NORTH CHEMICAL POLYMER TANK No2 - LEVEL METER No4002	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	197200	[250A] - WET WELL No10 - LEVEL No2035C	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	190700	[250C] - WET WELL No5 - LEVEL No2025A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	202200	[311A] - WET WELL No6 - LEVEL No2102	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	191200	[250C] - WET WELL No6 - LEVEL No2025B	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	203900	[311A] - WET WELL No7 - LEVEL No2202	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	191700	[250C] - WET WELL No7 - LEVEL No2025C	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	196200	[250A] - WET WELL No8 - LEVEL No2035A	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	196700	[250A] - WET WELL No9 - LEVEL No2035B	MTR-LEVL(ULTRA)	MILLTRONICS	
FWH	916211	[630B] - GAS ANALYZER, 110167541	INSTRUMENTATION	MKSINSTR	
FWH	916212	[630B] - GAS ANALYZER FLOW CONTROLLER, 22511806	INSTRUMENTATION	MKSINSTR	
FWH	913369	[630B] - PLC MSAA - SECTION 2 (DAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	913370	[630B] - PLC MSA - SECTION 2 (DAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913371	[630B] - PLC MSA - SECTION 3 (NAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913372	[630B] - PLC MSA - SECTION 3 (NAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913379	[630B] - PLC MSA - SECTION 6 (NTAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913380	[630B] - PLC MSA - SECTION 6 (NTAAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913381	[630B] - PLC MSA - CP3 (AP3IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913382	[630B] - PLC MSA - CP3 (AP3IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913376	[630B] - PLC MSA - SECTION 5 (ETAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913377	[630B] - PLC MSA - SECTION 5 (ETAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913359	[630B] - PLC MSB - SECTION 11 (N2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913360	[630B] - PLC MSB - SECTION 11 (N2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913361	[630B] - PLC MSB - SECTION 11 (N2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913362	[630B] - PLC MSB - SECTION 11 (N2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913352	[630B] - PLC MSB - SECTION 4 (N1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913353	[630B] - PLC MSB - SECTION 4 (N1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913354	[630B] - PLC MSB - SECTION 4 (N1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913355	[630B] - PLC MSB - SECTION 4 (N1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913395	[630B] - PLC MSBB - SECTION 2 (DBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913396	[630B] - PLC MSBB - SECTION 2 (DBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913397	[630B] - PLC MSBB - SECTION 3 (NBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913398	[630B] - PLC MSBB - SECTION 3 (NBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913402	[630B] - PLC MSBB - SECTION 5 (ETBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913403	[630B] - PLC MSBB - SECTION 5 (ETBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913405	[630B] - PLC MSBB - SECTION 6 (NTBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913406	[630B] - PLC MSBB - SECTION 6 (NTBBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913407	[630B] - PLC MSBB - CP4 (AP4IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913408	[630B] - PLC MSBB - CP4 (AP4IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913409	[630B] - PLC MSBB - CP4 (AP4IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913432	[640A] - PLC GPSA - SECTION 2 (G1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913433	[640A] - PLC GPSA - SECTION 2 (G1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913421	[640A] - PLC GPSA - CP5 (AP1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913422	[640A] - PLC GPSA - CP5 (AP1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913423	[640A] - PLC GPSA - CP5 (AP1IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913424	[640A] - PLC GPSA - CP5 (AP2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913425	[640A] - PLC GPSA - CP5 (AP2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913426	[640A] - PLC GPSA - CP5 (AP2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913427	[640A] - PLC GPSA - SECTION 1 (DEAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913428	[640A] - PLC GPSA - SECTION 1 (DEAIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913454	[640A] - PLC GPSA - SECTION 9 (G8IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913455	[640A] - PLC GPSA - SECTION 9 (G8IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913458	[640A] - PLC GPSA - SECTION 11 (DEBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913459	[640A] - PLC GPSA - SECTION 11 (DEBIO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913451	[640A] - PLC GPSA - SECTION 8 (G7IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913452	[640A] - PLC GPSA - SECTION 8 (G7IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913448	[640A] - PLC GPSA - SECTION 7 (G6IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913449	[640A] - PLC GPSA - SECTION 7 (G6IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913445	[640A] - PLC GPSA - SECTION 6 (G5IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913446	[640A] - PLC GPSA - SECTION 6 (G5IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913442	[640A] - PLC GPSA - SECTION 5 (G4IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913443	[640A] - PLC GPSA - SECTION 5 (G4IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913435	[640A] - PLC GPSA - SECTION 3 (G2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913436	[640A] - PLC GPSA - SECTION 3 (G2IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913439	[640A] - PLC GPSA - SECTION 4 (G3IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	913440	[640A] - PLC GPSA - SECTION 4 (G3IO)	INSTRUMENTATION	MODICON	CAT SWITCHGEAR
FWH	4630	[505A] - ODOR CONTROL - H2S DETECTOR	GAS DETECTOR	MSA	
FWH	043000	[211A/B/C] - H2S GAS No2032 - H2S GAS	GAS-H2S	MSA	
FWH	043100	[211A/B/C] - H2S GAS No2033 - H2S GAS	GAS-H2S	MSA	
FWH	065100	[221A/B/C] - H2S GAS No2034 - H2S GAS	GAS-H2S	MSA	
FWH	043300	[211A/B/C] - H2S GAS No2039 - H2S GAS	GAS-H2S	MSA	
FWH	044100	[211A/B/C] - METHANE GAS No2041 - METHANE GAS	GAS MONTR-METH	MSA	
FWH	044200	[211A/B/C] - METHANE GAS No2042 - METHANE GAS	GAS MONTR-METH	MSA	
FWH	044300	[211A/B/C] - METHANE GAS No2043 - METHANE GAS	GAS MONTR-METH	MSA	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	3252	[405A] - THICKENED WASTE ACTIVATED SLUDGE No1 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	3253	[405A] - THICKENED WASTE ACTIVATED SLUDGE No2 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	3254	[405A] - THICKENED WASTE ACTIVATED SLUDGE No3 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	3594	[405A] - THICKENED WASTE ACTIVATED SLUDGE No4 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	3255	[405A] - THICKENED WASTE ACTIVATED SLUDGE No5 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	3256	[405A] - THICKENED WASTE ACTIVATED SLUDGE No6 - THERMOSTAT	INSTRUMENTATION	NETZSCHPUMP	
FWH	023550	NORTH CHEMICAL - SCRUBBER RECIRCULATION PUMP No1 - PRESSURE INDICATOR	INSTRUMENTATION	ONYXVALVE	
FWH	4250	[350A/351] - OZONE CONTACTOR No4 - GAS TRANSMITTER	INSTRUMENTATION	OZONESOLU	
FWH	4243	[350A/351] - OZONE CONTACTOR No2 - GAS TRANSMITTER	INSTRUMENTATION	OZONESOLU	
FWH	4680	[350A/351] - OZONE CONTACTOR No3 - GAS TRANSMITTER	INSTRUMENTATION	OZONESOLU	
FWH	4240	[350A/351] - OZONE CONTACTOR No1 - GAS TRANSMITTER	INSTRUMENTATION	OZONESOLU	
FWH	3572	[350A/351] - BUILDING No350A/351 - GAS SENSOR	INSTRUMENTATION	OZONESOLU	
FWH	028700	NORTH CHEMICAL SCRUBBER FAN No4 - AIR FLOW METER 2040	FLOW METER	PARAGONCON	
FWH	024500	NORTH CHEMICAL SCRUBBER FAN No1 - AIR FLOW METER 2010	FLOW METER	PARAGONCON	
FWH	025900	NORTH CHEMICAL SCRUBBER FAN No2 - AIR FLOW METER 2020	FLOW METER	PARAGONCON	
FWH	027300	NORTH CHEMICAL SCRUBBER FAN No3 - AIR FLOW METER 2030	FLOW METER	PARAGONCON	
FWH	030100	NORTH CHEMICAL SCRUBBER FAN No5 - AIR FLOW METER 2050	FLOW METER	PARAGONCON	
FWH	601800	[520A] - POLYMER MIXING TANK No1- MIXER	MTR-LEVL(ULTRA)	PHILAMIXER	
FWH	602600	[520A] - POLYMER MIXING TANK No2 - MIXER	MTR-LEVL(ULTRA)	PHILAMIXER	
FWH	913419	[610A] - FIBER OPTIC CONVERTER OPS CENTER (FOE332)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913430	[640A] - FIBER OPTIC REPEATER GPSA - SECTION 1 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913431	[640A] - FIBER OPTIC REPEATER GPSA - SECTION 1 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913461	[640A] - FIBER OPTIC REPEATER GPSA - SECTION 11 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913462	[640A] - FIBER OPTIC REPEATER GPSA - SECTION 11 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913438	[640A] - FIBER OPTIC CONVERTER GPSA - SECTION 3 (FOE332)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913386	[630B] - ETHERNET SWITCH MSA - CP3 (ETH SW)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913400	[630B] - ETHERNET SWITCH MSBB - SECTION 3 (ETH SW)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913413	[630B] - ETHERNET SWITCH MSBB - CP4 (ETH SW)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913356	[630B] - ETHERNET SWITCH MSB - SECTION 4 (N1TIO)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913365	[630B] - REPEATER FIBER OPTIC MSA - SECTION 1 (REPEATER FIBER OPTIC)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913366	[630B] - REPEATER FIBER OPTIC MSA - SECTION 1 (REPEATER FIBER OPTIC)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913374	[630B] - ETHERNET SWITCH MSA - SECTION 4 (ETH SW)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913390	[630B] - FIBER OPTIC REPEATER MSBB - SECTION 1 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913391	[630B] - FIBER OPTIC REPEATER MSBB - SECTION 1 (FOR338)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	913392	[630B] - ETHERNET SWITCH MSBB - SECTION 1 (ETHERNET HUB)	INSTRUMENTATION	PHOENIX	CAT SWITCHGEAR
FWH	3330	[640B] - EMERGENCY GENERATOR No1 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3331	[640B] - EMERGENCY GENERATOR No2 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3332	[640B] - EMERGENCY GENERATOR No3 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3424	[640B] - EMERGENCY GENERATOR No4 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3425	[640B] - EMERGENCY GENERATOR No5 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3426	[640B] - EMERGENCY GENERATOR No6 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	3427	[640B] - EMERGENCY GENERATOR No7 - NEUTRAL GROUND RESISTOR	INSTRUMENTATION	POSTGLOVER	
FWH	504000	[38] - EFFLUENT PIPE - PRESSURE No0001	MTR-PRESS	PRECIDIGI	
FWH	100701	[404A/406A]-FOG FEED PUMP No1 -TEMP PROBE	INSTRUMENTATION	PRECIDIGI	BOERGER
FWH	100690	[404A/406A]-FOG FEED PUMP No2 -TEMP PROBE	INSTRUMENTATION	PRECIDIGI	BOERGER
FWH	100680	[404A/406A]-FOG FEED PUMP No3 -TEMP PROBE	INSTRUMENTATION	PRECIDIGI	BOERGER
FWH	100670	[404A/406A]-FOG FEED PUMP No4 -TEMP PROBE	INSTRUMENTATION	PRECIDIGI	BOERGER
FWH	516900	[404A/406A] - METHANE GAS No2035 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	517000	[404A/406A] - METHANE GAS No2135 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	517100	[404A/406A] - METHANE GAS No2235 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	517200	[404A/406A] - METHANE GAS No2335 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	517300	[404A/406A] - METHANE GAS No2435 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	3159	[405A] - POLYMER MIXING TANK No10 - TANK No10 LEVEL TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	3162	[405A] - POLYMER MIXING TANK No7 - TANK No7 LEVEL TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	3161	[405A] - POLYMER MIXING TANK No8 - TANK No8 LEVEL TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	3160	[405A] - POLYMER MIXING TANK No9 - TANK No9 LEVEL TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	587450	[513A] - EQUALIZATION TANK No1 - LEVEL No1134 (ES No2) TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	588250	[513A] - EQUALIZATION TANK No3 - LEVEL No1136 (EQ No2) TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	587850	[513A] - EQUALIZATION TANK No2 - LEVEL No1135 (ES No3) TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	588650	[513A] - EQUALIZATION TANK No4 - LEVEL No1137 (EQ No3) TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	589050	[513A] - EQUALIZATION TANK No5 - LEVEL No1138 (EQ No4) TRANSMITTER	INSTRUMENTATION	PRECIDIGI	
FWH	585350	[505A] - EQ DISTRIBUTION BOX - LEVEL INDICATOR	INSTRUMENTATION	PRECIDIGI	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	585360	[505A] - EQ DISTRIBUTION BOX - LEVEL INDICATOR	INSTRUMENTATION	PRECIDIGI	
FWH	585370	[505A] - EQ DISTRIBUTION BOX - LEVEL INDICATOR	INSTRUMENTATION	PRECIDIGI	
FWH	065700	PRELIMINARY- METHANE GAS No2505 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	065800	[221A/B/C] - METHANE GAS No2506 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	065900	[221A/B/C] - METHANE GAS No2507 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	066000	[221A/B/C] - METHANE GAS No2508 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	066100	[221A/B/C] - METHANE GAS No2509 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	066200	PRELIMINARY - METHANE GAS No2510 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	066500	PRELIMINARY - METHANE GAS No2701 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	066600	PRELIMINARY - METHANE GAS No2702 - METHANE GAS MONITOR	GAS MONTR-METH	PRECIDIGI	
FWH	066700	PRELIMINARY - METHANE GAS No2703 - METHANE GAS MONITOR	GAS MONTR-METH	PRECIDIGI	
FWH	066800	PRELIMINARY- METHANE GAS No2704 - METHANE GAS	GAS MONTR-METH	PRECIDIGI	
FWH	890600	[250A] - PLANT WATER (W3) - FLOW SWITCH No10	INSTRUMENTATION	RCMIND	
FWH	890650	[250A] - PLANT WATER (W3) - FLOW SWITCH No11	INSTRUMENTATION	RCMIND	
FWH	890660	[250A] - PLANT WATER (W3) - FLOW SWITCH No9	INSTRUMENTATION	RCMIND	
FWH	890300	[250C] - PLANT WATER (W3) - FLOW SWITCH No6	INSTRUMENTATION	RCMIND	
FWH	890350	[250C] - PLANT WATER (W3) - FLOW SWITCH No7	INSTRUMENTATION	RCMIND	
FWH	890360	[250C] - PLANT WATER (W3) - FLOW SWITCH No8	INSTRUMENTATION	RCMIND	
FWH	023570	NORTH CHEMICAL - SCRUBBER RECIRCULATION PUMP No1 - SEAL WATER FLOW INDICATOR	INSTRUMENTATION	RCMIND	
FWH	024960	NORTH CHEMICAL - SCRUBBER RECIRCULATION PUMP No2 - SEAL WATER FLOW INDICATOR	INSTRUMENTATION	RCMIND	
FWH	913414	[630B] - REDLION MSBB - CP4 (DATA CONCENTRATOR)	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	913415	[630B] - REDLION MSBB - CP4 (REDLION ETHERNET EXPANSION CARD )	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	915622	[630B] - REDLION MSBB - CP4 (DATA CONCENTRATOR) No1	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	915623	[630B] - REDLION MSBB - CP4 (REDLION ETHERNET EXPANSION CARD ) No1	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	915624	[630B] - REDLION MSBB - CP4 (DATA CONCENTRATOR) No2	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	915625	[630B] - REDLION MSBB - CP4 (REDLION ETHERNET EXPANSION CARD ) No2	INSTRUMENTATION	REDLION	CAT SWITCHGEAR
FWH	608460	[520A] - METAL SALTS PUMP No5 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	608760	[520A] - METAL SALTS PUMP No6 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	609060	[520A] - METAL SALTS PUMP No7 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	609360	[520A] - METAL SALTS PUMP No8 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	613560	[520A] - POLYMER PUMP No10 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	613860	[520A] - POLYMER PUMP No11 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	614160	[520A] - POLYMER PUMP No12 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	614460	[520A] - POLYMER PUMP No13 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	614760	[520A] - POLYMER PUMP No14 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	612360	[520A] - POLYMER PUMP No6 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	612660	[520A] - POLYMER PUMP No7 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	612960	[520A] - POLYMER PUMP No8 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	613260	[520A] - POLYMER PUMP No9 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	4964	[504A] - CAUSTIC SODA PUMP No10 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	4969	[504A] - CAUSTIC SODA PUMP No8 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	4987	[504A] - SODIUM HYPOCHLORITE PUMP No7 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	4991	[504A] - SODIUM HYPOCHLORITE PUMP No9 - SPEED SENSOR	INSTRUMENTATION	RELIANCMOTR	
FWH	661570	[401A/B] - DIGESTER No2 - REOTEMP ANNULAR SEAL	INSTRUMENTATION	REOTMEP	
FWH	660570	[401A/B] - DIGESTER No1 - REOTEMP ANNULAR SEAL	INSTRUMENTATION	REOTMEP	
FWH	4402	[404A/406A] - RITTAL CABINET	INSTRUMENTATION	RITTALGMBH	
FWH	895585	[319A] - FERRIC CHEMICAL INJECTOR No 1	INSTRUMENTATION	SAFTFLO	WSUMMIT
FWH	895590	[319A] - FERRIC CHEMICAL INJECTOR No 2	INSTRUMENTATION	SAFTFLO	WSUMMIT
FWH	916090	[322A] - WET WELL No1 - LEVEL No1001A	MTR-LEVL(ULTRA)	SIEMENS	MRSYS
FWH	916103	[322A] - WET WELL No2 - LEVEL No1001B	MTR-LEVL(ULTRA)	SIEMENS	MRSYS
FWH	874927	[404A/406A] - CONCENTRATED SCUM No1 - FLOAT SKIMMER	INSTRUMENTATION	SEWEURO	TENCOHYDRO
FWH	874928	[404A/406A] - CONCENTRATED SCUM No2 - FLOAT SKIMMER	INSTRUMENTATION	SEWEURO	TENCOHYDRO
FWH	915486	TRANSFORMER	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915615	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915616	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915617	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915603	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915604	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915605	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915592	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915591	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915590	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	915589	TRANSMITTER, LEVEL	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915544	TRANSMITTER, TEMPERATURE	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	915353	TRANSMITTER, TEMPERATURE	INSTRUMENTATION	SIEMENSIND	GLOBALCON
FWH	479100	[360B] - DRUM SCREEN NoB CHANNEL - LEVEL No2101	MTR-LEVL(ULTRA)	SIEMENSUSA	
FWH	3458	[360B] - DRUM SCREEN NoB CHANNEL - LEVEL No2101 (INFLUENT) - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
FWH	478400	[360B] - DRUM SCREEN NoA CHANNEL - LEVEL No2001	MTR-LEVL(ULTRA)	SIEMENSUSA	
FWH	2172	[360B] - DRUM SCREEN NoA CHANNEL - LEVEL No2001 (INFLUENT) - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
FWH	3298	[630B] - PRE CHAMBER GAS COMPRESSOR No1 - TOUCHSCREEN CONTROL	INSTRUMENTATION	SIEMENSUSA	
FWH	913147	[231A/B/C] - BIOREACTOR No1 - LEVEL ELEMENT, ECHOMAX XPS-15	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913148	[231A/B/C] - BIOREACTOR No1 - TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913169	[231A/B/C] - BIOREACTOR No2 - LEVEL ELEMENT, ECHOMAX XPS-15	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913170	[231A/B/C] - BIOREACTOR No2 - TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913191	[231A/B/C] - BIOREACTOR No3 - LEVEL ELEMENT, ECHOMAX XPS-15	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913192	[231A/B/C] - BIOREACTOR No3 - TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913213	[231A/B/C] - BIOREACTOR No4 - LEVEL ELEMENT, ECHOMAX XPS-15	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	913214	[231A/B/C] - BIOREACTOR No4 - TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	SQUARED
FWH	063755	[211A/B/C] - GRIT CONVEYOR No4 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	063655	[211A/B/C] - GRIT CONVEYOR No3 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	062755	[211A/B/C] - GRIT CONVEYOR No2 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	061855	[211A/B/C] - GRIT CONVEYOR No1 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	5022	[402A/C] - SOLID STORAGE No2 - LEVEL METER	INSTRUMENTATION	SIEMENSUSA	
FWH	056755	[211A/B/C] - SCREENING CONVEYOR No10 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	056855	[211A/B/C] - SCREENING CONVEYOR No11 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	057155	[211A/B/C] - SCREENING CONVEYOR No12 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	057455	[211A/B/C] - SCREENING CONVEYOR No13 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	058155	[211A/B/C] - SCREENING CONVEYOR No14 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	058255	[211A/B/C] - SCREENING CONVEYOR No15 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	058355	[211A/B/C] - SCREENING CONVEYOR No16 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	058455	[211A/B/C] - SCREENING CONVEYOR No17 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	058755	[211A/B/C] - SCREENING CONVEYOR No18 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	059050	[211A/B/C] - SCREENING CONVEYOR No19 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	056565	[211A/B/C] - SCREENING CONVEYOR No8 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	056655	[211A/B/C] - SCREENING CONVEYOR No9 - MOTION PROBE	INSTRUMENTATION	SIEMENSUSA	
FWH	895671	[404A/406A] - CONCENTRATED SCUM HOLDING TANK No 1 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	TENCOHYDRO
FWH	895672	[404A/406A] - CONCENTRATED SCUM HOLDING TANK No 2 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	TENCOHYDRO
FWH	3061	[404A/406A] - POLYMER PUMP No1 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
FWH	548230	[405A] - THICKENING BULK POLYMER STORAGE TANK No. 1 LEVEL TRANSMITTER	MTR-LEVL(ULTRA)	SIEMENSUSA	FEEDFWD
FWH	548330	[405A] - THICKENING BULK POLYMER STORAGE TANK No. 2 LEVEL TRANSMITTER	MTR-LEVL(ULTRA)	SIEMENSUSA	FEEDFWD
FWH	3060	[404A/406A] - POLYMER PUMP No2 - LEVEL TRANSMITTER	INSTRUMENTATION	SIEMENSUSA	
FWH	3051	[404A/406A] - BOILER No1 - BURNER MANAGEMENT SYSTEM	INSTRUMENTATION	SQUARED	
FWH	3052	[404A/406A] - BOILER No2 - BURNER MANAGEMENT SYSTEM	INSTRUMENTATION	SQUARED	
FWH	3053	[404A/406A] - BOILER No3 - BURNER MANAGEMENT SYSTEM	INSTRUMENTATION	SQUARED	
FWH	054460	[211A/B/C] - BAND SCREEN No1 - PRESSURE GAUGE	INSTRUMENTATION	SQUARED	
FWH	054660	[211A/B/C] - BAND SCREEN No2 - PRESSURE GAUGE	INSTRUMENTATION	SQUARED	
FWH	054860	[211A/B/C] - BAND SCREEN No3 - PRESSURE GAUGE	INSTRUMENTATION	SQUARED	
FWH	2134	[350A/351] - OZONE GENERATOR No5 - OZONE MONITOR	INSTRUMENTATION	TELEDYNE	
FWH	4251	[350A/351] - OZONE CONTACTOR No4 - OZONE MONITOR	INSTRUMENTATION	TELEDYNE	
FWH	064050	[211A/B/C] - UNINTERRUPTABLE POWER SOURCE No3 - BYPASS SWITCH	INSTRUMENTATION	TOSHIBA	
FWH	890243	[610A] - KVM SWITCH 8 PORT CONSOLE	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	890245	[610A] - UNINTERRUPTED POWER SUPPLY 1	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	890246	[610A] - UNINTERRUPTED POWER SUPPLY 2	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	890247	[610A] - UNINTERRUPTED POWER SUPPLY 3	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	900875	[41] - UNINTERRUPTED POWER SUPPLY 1	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	900880	[41] - UNINTERRUPTED POWER SUPPLY 2	INSTRUMENTATION	TRIPPLITE	SQUARED
FWH	916741	[221A/B/C] - PRIMARY CLARIFIER No10 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916742	[221A/B/C] - PRIMARY CLARIFIER No10 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916920	[221A/B/C] - PRIMARY CLARIFIER No9 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916921	[221A/B/C] - PRIMARY CLARIFIER No9 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916898	[221A/B/C] - PRIMARY CLARIFIER No8 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916899	[221A/B/C] - PRIMARY CLARIFIER No8 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916876	[221A/B/C] - PRIMARY CLARIFIER No7 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916877	[221A/B/C] - PRIMARY CLARIFIER No7 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
FWH	916853	[221A/B/C] - PRIMARY CLARIFIER No6 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916854	[221A/B/C] - PRIMARY CLARIFIER No6 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916830	[221A/B/C] - PRIMARY CLARIFIER No5 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916831	[221A/B/C] - PRIMARY CLARIFIER No5 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916808	[221A/B/C] - PRIMARY CLARIFIER No4 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916809	[221A/B/C] - PRIMARY CLARIFIER No4 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916785	[221A/B/C] - PRIMARY CLARIFIER No3 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916786	[221A/B/C] - PRIMARY CLARIFIER No3 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916763	[221A/B/C] - PRIMARY CLARIFIER No2 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916764	[221A/B/C] - PRIMARY CLARIFIER No2 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916720	[221A/B/C] - PRIMARY CLARIFIER No1 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 1	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	916721	[221A/B/C] - PRIMARY CLARIFIER No1 - SLUDGE COLLECTOR (CROSS) - FLIGHT SENSOR 2	INSTRUMENTATION	TURCKUSA	EVOQUATECH
FWH	4665	[640B] - SWITCHGEAR - SWITCHGEAR No58 TOUCHSCREEN	INSTRUMENTATION	TYCO	
FWH	4667	[640B] - SWITCHGEAR - SWITCHGEAR No59 TOUCHSCREEN	INSTRUMENTATION	TYCO	
FWH	4669	[640B] - SWITCHGEAR - SWITCHGEAR No60 TOUCHSCREEN	INSTRUMENTATION	TYCO	
FWH	517500	[404A/406A] - METHANE GAS No2645 - METHANE GAS	GAS MONTR-METH	ULTIMA	
FWH	065200	[221A/B/C] - H2S GAS No2035 - H2S GAS	GAS-H2S	ULTIMA	
FWH	065500	PRELIMINARY - LEL GAS No2044 - LEL GAS	GAS MONTR-LEL	ULTIMA	
FWH	065600	PRELIMINARY- LEL GAS No2045 - LEL GAS	GAS MONTR-LEL	ULTIMA	
FWH	066400	PRELIMINARY - METHANE GAS No2603 - METHANE GAS	GAS MONTR-METH	ULTIMA	
FWH	2493	[360B] - BLOWER No85A - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	2494	[360B] - BLOWER No85B - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	2495	[360B] - BLOWER No85C - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	2496	[360B] - BLOWER No85D - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	2149	[360B] - BLOWER No85E - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	2492	[360B] - BLOWER No85F - PRESSURE SENSOR	INSTRUMENTATION	UNITEDELEC	
FWH	489300	[370A/371A] - EFFLUENT PUMPING STATION - PRESSURE No1000A	MTR-PRESS	USFILT	
FWH	489400	[370A/371A] - EFFLUENT PUMPING STATION - PRESSURE No1000B	MTR-PRESS	USFILT	
FWH	916966	[405A] - CENTRIFUGE No7 - VALMET DS CAKE ANALYZER,20510095	INSTRUMENTATION	VALMET	
FWH	916967	[405A] - CENTRIFUGE No7 - VALMET TS SLUDGE ANALYZER, 20460605	INSTRUMENTATION	VALMET	
FWH	916968	[405A] - CENTRIFUGE No7 - VALMET LS CENTRATE ANALYZER,2042246672	INSTRUMENTATION	VALMET	
FWH	917017	FLARE No1 - TEMPERATURE No2755 (GAS)	INSTRUMENTATION	VAREC BIOGAS	VAREC BIOGAS
FWH	917018	FLARE No1 - TEMPERATURE No2771 (GAS)	INSTRUMENTATION	VAREC BIOGAS	VAREC BIOGAS
FWH	917043	FLARE No2 - TEMPERATURE No2765 (GAS)	INSTRUMENTATION	VAREC BIOGAS	VAREC BIOGAS
FWH	917044	FLARE No2 - TEMPERATURE No2781 (GAS)	INSTRUMENTATION	VAREC BIOGAS	VAREC BIOGAS
FWH	890490	[250B] - RADIO REPEATER	INSTRUMENTATION	VERTEXSTD	
FWH	2040	[319A] - CHEMICAL CLARIFIER No1 - RAKE No1 TORQUE SENSOR	INSTRUMENTATION	WESTECH	
FWH	2041	[319A] - CHEMICAL CLARIFIER No2 - RAKE No2 TORQUE SENSOR	INSTRUMENTATION	WESTECH	
FWH	2042	[319A] - CHEMICAL CLARIFIER No3 - RAKE No3 TORQUE SENSOR	INSTRUMENTATION	WESTECH	
FWH	2043	[319A] - CHEMICAL CLARIFIER No4 - RAKE No4 TORQUE SENSOR	INSTRUMENTATION	WESTECH	
FWH	3625	[405A] - POLYMER MAKEUP UNIT No5 - FLOW METER	MTR-FLOW	YOKOGAWA	
FWH	3626	[405A] - POLYMER MAKEUP UNIT No6 - FLOW METER	MTR-FLOW	YOKOGAWA	
FWH	3627	[405A] - POLYMER MAKEUP UNIT No7 - FLOW METER	MTR-FLOW	YOKOGAWA	
FWH	3628	[405A] - POLYMER MAKEUP UNIT No8 - FLOW METER	MTR-FLOW	YOKOGAWA	
LFP	230037	Vibration Sensor, Central High Service Pump No1, Left of Pump	INSTRUMENTATION		
LFP	230038	Vibration Sensor, Central High Service Pump No1, Left of Motor	INSTRUMENTATION		
LFP	230039	Vibration Sensor, Central High Service Pump No1, Right of Pump	INSTRUMENTATION		
LFP	230040	Vibration Sensor, Central High Service Pump No1, Right of Motor	INSTRUMENTATION		
LFP	230041	Vibration Sensor, Central High Service Pump No1, Center of Pump	INSTRUMENTATION		
LFP	230042	Vibration Sensor, Central High Service Pump No1 Motor Cover Interior, No1	INSTRUMENTATION		
LFP	230043	Vibration Sensor, Central High Service Pump No1 Motor Cover Interior, No2	INSTRUMENTATION		
LFP	230044	Vibration Sensor, Central High Service Pump No1 Motor Cover Interior, No3	INSTRUMENTATION		
LFP	230045	Vibration Sensor, Central High Service Pump No1 Motor Cover Interior, No4	INSTRUMENTATION		
LFP	230046	Vibration Sensor, Central High Service Pump No1, Center of Motor	INSTRUMENTATION		
LFP	54120	Vibration Transducer, Central High Service Pump No1, No2	INSTRUMENTATION		
LFP	54122	Vibration sensor, Right Side, Central H.S. Pump No1	INSTRUMENTATION		
LFP	54111	Vibration sensor, Left Side, Central H.S. Pump No1	INSTRUMENTATION		
LFP	0001687	Temperature Gauge, Central High Service Pump No1, No1	MTR-TEMP		
LFP	0001688	Temperature Gauge, Central High Service Pump No1, No2	MTR-TEMP		
LFP	230026	Vibration Sensor, Central High Service Pump No2, Left of Pump	INSTRUMENTATION		
LFP	230027	Vibration Sensor, Central High Service Pump No2, Left of Motor	INSTRUMENTATION		
LFP	230028	Vibration Sensor, Central High Service Pump No2, Right of Pump	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	230029	Vibration Sensor, Central High Service Pump No2, Right of Motor	INSTRUMENTATION		
LFP	230030	Vibration Sensor, Central High Service Pump No2, Center of Pump	INSTRUMENTATION		
LFP	230031	Vibration Sensor, Central High Service Pump No2 Motor Cover Interior, No1	INSTRUMENTATION		
LFP	230032	Vibration Sensor, Central High Service Pump No2 Motor Cover Interior, No2	INSTRUMENTATION		
LFP	230033	Vibration Sensor, Central High Service Pump No2 Motor Cover Interior, No3	INSTRUMENTATION		
LFP	230034	Vibration Sensor, Central High Service Pump No2 Motor Cover Interior, No4	INSTRUMENTATION		
LFP	230035	Vibration Sensor, Central High Service Pump No2, Center of Motor	INSTRUMENTATION		
LFP	5414	Vibration Transducer, Central High Service Pump No2, No1	INSTRUMENTATION		
LFP	54144	Vibration sensor, Right Side, Central H.S. Pump No2	INSTRUMENTATION		
LFP	5415	Vibration Transducer, Central High Service Pump No2, No2	INSTRUMENTATION		
LFP	54166	Vibration sensor, Central High Service Pump No3	INSTRUMENTATION		
LFP	0001676	Temperature Gauge, Central High Service Pump No2, No1	MTR-TEMP		
LFP	0001677	Temperature Gauge, Central High Service Pump No2, No2	MTR-TEMP		
LFP	230053	Vibration Sensor, Central High Service Pump No3 Motor Cover Interior, No1	INSTRUMENTATION		
LFP	230054	Vibration Sensor, Central High Service Pump No3 Motor Cover Interior, No2	INSTRUMENTATION		
LFP	230055	Vibration Sensor, Central High Service Pump No3 Motor Cover Interior, No3	INSTRUMENTATION		
LFP	230056	Vibration Sensor, Central High Service Pump No3 Motor Cover Interior, No4	INSTRUMENTATION		
LFP	230057	Vibration Sensor, Central High Service Pump No3, Center of Motor	INSTRUMENTATION		
LFP	230048	Vibration Sensor, Central High Service Pump No3, Left of Pump	INSTRUMENTATION		
LFP	230049	Vibration Sensor, Central High Service Pump No3, Left of Motor	INSTRUMENTATION		
LFP	230050	Vibration Sensor, Central High Service Pump No3, Right of Pump	INSTRUMENTATION		
LFP	230051	Vibration Sensor, Central High Service Pump No3, Right of Motor	INSTRUMENTATION		
LFP	230052	Vibration Sensor, Central High Service Pump No3, Center of Pump	INSTRUMENTATION		
LFP	5417	Vibration Transducer, Central High Service Pump No3, No1	INSTRUMENTATION		
LFP	54177	Vibration sensor, Right Side, Central H.S. Pump No3	INSTRUMENTATION		
LFP	5418	Vibration Transducer, Central High Service Pump No3, No2	INSTRUMENTATION		
LFP	54188	Vibration sensor, Left Side, Central H.S. Pump No3	INSTRUMENTATION		
LFP	0001666	Temperature Gauge, Central High Service Pump No3, No1	MTR-TEMP		
LFP	0001667	Temperature Gauge, Central High Service Pump No3, No2	MTR-TEMP		
LFP	5420	Vibration Transducer, Central High Service Pump No4, No1	INSTRUMENTATION		
LFP	54200	Vibration sensor, Right Side, Central H.S. Pump No4	INSTRUMENTATION		
LFP	5421	Vibration Transducer, Central High Service Pump No4, No2	INSTRUMENTATION		
LFP	54211	Vibration sensor, Left Side, Central H.S. Pump No4	INSTRUMENTATION		
LFP	0001656	Temperature Gauge, Central High Service Pump No4, No1	MTR-TEMP		
LFP	0001657	Temperature Gauge, Central High Service Pump No4, No2	MTR-TEMP		
LFP	BC-u-5	Instrumentation Panel, Chemical Building, I-5	INSTRUMENTATION		
LFP	SL-F10	Flow Meter, Chemical Building Lime, Plant Water Meter	MTR-FLOW		
LFP	5680-1-CLD1	Gas Detector, Chlorine Dock, No1	GAS DETECTOR		TEMPLETNASSO
LFP	501229	Digital Real Time Scope, Maintenance Building	INSTRUMENTATION		TEKTRONIX
LFP	MA-16	Instrumentation Panel, Mechanical Building, I-6	INSTRUMENTATION		
LFP	501288	Level Meter, Ferric Chloride Day Tank No2, Transmitter No2	MTR-LEVL(ULTRA)		
LFP	501289	Level Meter, Ferric Chloride Day Tank No2, Transmitter No3	MTR-LEVL(ULTRA)		
LFP	501290	Level Meter, Ferric Chloride Day Tank No2, Transmitter No4	MTR-LEVL(ULTRA)		
LFP	0001283	Alarm, Ferric Bulk Storage Tanks	INSTRUMENTATION		
LFP	501240	Isco 5800 Sampler, Filtration Lab, No1	INSTRUMENTATION		
LFP	501241	Isco 5800 Sampler, Filtration Lab, No2	INSTRUMENTATION		
LFP	FL-I-4	Instrumentation Panel, Filter Building, I-4	INSTRUMENTATION		
LFP	FB-17	Instrumentation Panel, Filter Building Filter Pumps, I-7	INSTRUMENTATION		
LFP	FBER2-12	Instrumentation Panel, Filter Building Electrical Room Floor No2, I-2	INSTRUMENTATION		
LFP	LFP-BW-FLT-11-INT	LFP, Filter No11, Backwash Instrument	INSTRUMENTATION		ENTECH
LFP	LFP-BW-FLT-2-INT	LFP, FILTER No2, BACKWASH INSTRUMENT	INSTRUMENTATION		ENTECH
LFP	LFP-BW-FLT-5-INT	LFP, FILTER No5, BACKWASH INSTRUMENT	INSTRUMENTATION		ENTECH
LFP	LFP-BW-FLT-8-INT	LFP, FILTER No8, BACKWASH INSTRUMENT	INSTRUMENTATION		ENTECH
LFP	000818	Temperature Meter, Airwash Blower No1, Outlet	MTR-TEMP		
LFP	501902	SCFP, TAP, WASTE BACKWASH LINE FOR TSS SAMPLE	MTR-PRESS		
LFP	LFP-STR1-MOD	HACH, TU5 BLDG AVG. 1 AUTO CLEAN OUT MODULE	INSTRUMENTATION		
LFP	LFP-STR2-MOD	HACH, TU5 BLDG AVG. 2 AUTO CLEAN OUT MODULE	INSTRUMENTATION		
LFP	501232	Fluorescent Analyzing Cabinet, Filtration Lab	INSTRUMENTATION		SPECTROLINE
LFP	501235	Hard Drive For Computer, Filtration Lab	INSTRUMENTATION		HPIINT
LFP	501237	Incubator, Filtration Lab	INSTRUMENTATION		FISHROSEM
LFP	501245	Portable Data logging Spectrophotometer, Filtration Lab	INSTRUMENTATION		HACH
LFP	0006041	Water Bath, Filtration Lab	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	000605	Hot Plate, Filtration Lab	INSTRUMENTATION		FISHRSCL
LFP	111130	Power Monitor, High Service Pump Station Substation A, Tie Breaker	INSTRUMENTATION		
LFP	111133	Power Monitor, High Service Pump Station Substation A, Transfer Switch No2	INSTRUMENTATION		
LFP	111136	Power Monitor, High Service Pump Station Substation A, Spare	INSTRUMENTATION		
LFP	111138	Power Monitor, High Service Pump Station Substation A, MCC-A6	INSTRUMENTATION		
LFP	HS-1-1	Instrumentation Panel, High Service Pump Station, I-1	INSTRUMENTATION		
LFP	157265	Phase Indicator, High Service Pump Station MCC-A2	INSTRUMENTATION		
LFP	157279	Phase Indicator, High Service Pump Station MCC-A1	INSTRUMENTATION		
LFP	0001606	Paging Adapter, High Service Pump Station, Telephone PBX	INSTRUMENTATION		ADDSYS
LFP	0001814	Temperature Gauge, High Service Pump Station VFD Room, No1	MTR-TEMP		SUPCOMETR
LFP	0001815	Temperature Gauge, High Service Pump Station VFD Room, No2	MTR-TEMP		SUPCOMETR
LFP	501246	Power Monitor, High Service Pump Station Switchgear, Incoming Line No1	INSTRUMENTATION		
LFP	501247	Power Monitor, High Service Pump Station Switchgear, Incoming Line No2	INSTRUMENTATION		
LFP	501248	Power Monitor, High Service Pump Station Switchgear, US-5	INSTRUMENTATION		
LFP	111038	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, HSPS-HVSG FDR No1	INSTRUMENTATION		
LFP	111052	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Tie 52-T	INSTRUMENTATION		
LFP	111068	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Main 52-M1 T4	INSTRUMENTATION		
LFP	111076	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, HSPS-HVSG FDR No2	INSTRUMENTATION		
LFP	000732	Level Meter, Pretreatment Facility, Filter Building No1 Influent	MTR-LEVL(ULTRA)		OHMART
LFP	000733	Level Meter, Pretreatment Facility, Filter Building No2 Influent	MTR-LEVL(ULTRA)		OHMART
LFP	000734	Level Meter, Pretreatment Facility, Flocculation Outlet No2	MTR-LEVL(ULTRA)		SIEMENSIND
LFP	HFARA	Rotameter Assembly, Hydrofluorosilicic Acid Day Tank	FLOW METER		
LFP	0001426	Diaphragm, Hydrofluorosilicic Acid Pump No1	INSTRUMENTATION		
LFP	0001427	Diaphragm, Hydrofluorosilicic Acid Pump No2	INSTRUMENTATION		
LFP	0001434	Site Tube, Hydrofluorosilicic Acid Pump No1	INSTRUMENTATION		
LFP	0001435	Site Tube, Hydrofluorosilicic Acid Pump No2	INSTRUMENTATION		
LFP	0001455	Level Transmitter, Hydrofluorosilicic Acid Storage Tank No3	MTR-LEVL(ULTRA)		OHMART
LFP	0001456	Level Transmitter, Hydrofluorosilicic Acid Storage Tank No4	MTR-LEVL(ULTRA)		OHMART
LFP	307000	Grayson PSI & Flow Transmitters and Fill Valves	INSTRUMENTATION		
LFP	LMBS-MCC-BKT-P001	Power Monitor, Lanier Mountain Tanks and Booster Station Motor Control Center	INSTRUMENTATION		
LFP	0002028	Vibration Sensor, Raw Water Pump No1, Motor Lower X	INSTRUMENTATION		METRIXINSTRU
LFP	0002029	Vibration Sensor, Raw Water Pump No1, Motor Lower Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002030	Temperature Sensor, Raw Water Pump No1, Motor Top	MTR-TEMP		
LFP	0002031	Temperature Sensor, Raw Water Pump No1, Motor Bottom	MTR-TEMP		
LFP	0002026	Vibration Sensor, Raw Water Pump No1, Motor Upper X	INSTRUMENTATION		METRIXINSTRU
LFP	0002045	Vibration Sensor, Raw Water Pump No2, Motor Upper Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002046	Vibration Sensor, Raw Water Pump No2, Motor Lower X	INSTRUMENTATION		METRIXINSTRU
LFP	0002047	Vibration Sensor, Raw Water Pump No2, Motor Lower Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002048	Temperature Sensor, Raw Water Pump No2, Motor Top	MTR-TEMP		
LFP	0002049	Temperature Sensor, Raw Water Pump No2, Motor Bottom	MTR-TEMP		
LFP	0002062	Vibration Sensor, Raw Water Pump No3, Motor Upper X	INSTRUMENTATION		METRIXINSTRU
LFP	0002063	Vibration Sensor, Raw Water Pump No3, Motor Upper Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002066	Temperature Sensor, Raw Water Pump No3, Motor Top	MTR-TEMP		
LFP	0002067	Temperature Sensor, Raw Water Pump No3, Motor Bottom	MTR-TEMP		
LFP	0002084	Temperature Sensor, Raw Water Pump No4, Motor Top	MTR-TEMP		
LFP	0002085	Temperature Sensor, Raw Water Pump No4, Motor Bottom	MTR-TEMP		
LFP	0002099	Vibration Sensor, Raw Water Pump No5, Motor Upper Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002101	Vibration Sensor, Raw Water Pump No5, Motor Lower Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002102	Temperature Sensor, Raw Water Pump No5, Motor Top	MTR-TEMP		
LFP	0002103	Temperature Sensor, Raw Water Pump No5, Motor Bottom	MTR-TEMP		
LFP	0002119	Vibration Sensor, Raw Water Pump No6, Motor Lower Y	INSTRUMENTATION		METRIXINSTRU
LFP	0002120	Temperature Sensor, Raw Water Pump No6, Motor Top	MTR-TEMP		
LFP	0002121	Temperature Sensor, Raw Water Pump No6, Motor Bottom	MTR-TEMP		
LFP	0001528	Ampere Meter, Backwash Equalization Building, No1	INSTRUMENTATION		
LFP	0001531	Power Monitor, Backwash Equalization Building, MCC Main	INSTRUMENTATION		
LFP	0001089	Paging Adapter, Maintenance Building Floor No2, Telephone PBX	INSTRUMENTATION		ADDSYS
LFP	0001090	Cellular Booster, Maintenance Building Floor No2	INSTRUMENTATION		INSTRUCALIB
LFP	0001458	Welder, Maintenance Building, No1	INSTRUMENTATION		
LFP	0001466	Belt Sander, Maintenance Building	INSTRUMENTATION		
LFP	0001469	Pedestal Grinder, Maintenance Building, No2	INSTRUMENTATION		
LFP	0001475	Pedestal Grinder, Maintenance Building, No3	INSTRUMENTATION		
LFP	0001480	Scroll Saw, Maintenance Building	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	0001482	Radial Arm Saw, Maintenance Building	INSTRUMENTATION		
LFP	0001483	Table Saw, Maintenance Building	INSTRUMENTATION		
LFP	0001484	Dust Collector, Maintenance Building	INSTRUMENTATION		
LFP	157306	Power Monitor, Recycle Pump Station MCC-B1	INSTRUMENTATION		
LFP	657	Phase Monitor, Lime Building Panel, Mixer MX-1	INSTRUMENTATION		
LFP	660	Phase Monitor, Lime Building Panel, Mixer MX-2	INSTRUMENTATION		
LFP	663	Phase Monitor, Lime Building Panel, Lime Transfer Pump No1	INSTRUMENTATION		
LFP	667	Phase Monitor, Lime Building Panel, Lime Feed Pump No1	INSTRUMENTATION		
LFP	670	Phase Monitor, Lime Building Panel, Lime Feed Pump No2	INSTRUMENTATION		
LFP	501311	Level Meter, Slurry Lime Feed Tank, Transmitter SN 20556751	MTR-LEV(ULTRA)		OHMART
LFP	5431	Vibration Transducer, North High Service Pump No1, Left Motor	INSTRUMENTATION		
LFP	5432	Vibration Transducer, North High Service Pump No1, Right Motor	INSTRUMENTATION		
LFP	5437	Monitor, High Service Pump Station VFD Room, North High Service Pump No1	INSTRUMENTATION		
LFP	54322	Vibration sensor, Left Side, North H.S. Pump No1	INSTRUMENTATION		
LFP	54311	Vibration sensor, Right Side, North H.S. Pump No1	INSTRUMENTATION		
LFP	0001644	Temperature Gauge, North High Service Pump No1, No1	MTR-TEMP		
LFP	0001645	Temperature Gauge, North High Service Pump No1, No2	MTR-TEMP		
LFP	0001646	Temperature Gauge, North High Service Pump No1, No3	MTR-TEMP		
LFP	5433	Monitor, High Service Pump Station VFD Room, North High Service Pump No2	INSTRUMENTATION		
LFP	5434	Vibration Transducer, North High Service Pump No2, Left Motor	INSTRUMENTATION		
LFP	54344	Vibration sensor, Right Side, North H.S. Pump No2	INSTRUMENTATION		
LFP	5435	Vibration Transducer, North High Service Pump No2, Right Motor	INSTRUMENTATION		
LFP	54355	Vibration sensor, Left Side, North H.S. Pump No2	INSTRUMENTATION		
LFP	0001632	Temperature Gauge, North High Service Pump No2, No1	MTR-TEMP		
LFP	0001633	Temperature Gauge, North High Service Pump No2, No2	MTR-TEMP		
LFP	0001634	Temperature Gauge, North High Service Pump No2, No3	MTR-TEMP		
LFP	0001620	Temperature Gauge, North High Service Pump No3, No1	MTR-TEMP		
LFP	0001621	Temperature Gauge, North High Service Pump No3, No2	MTR-TEMP		
LFP	0001622	Temperature Gauge, North High Service Pump No3, No3	MTR-TEMP		
LFP	5436	Monitor, High Service Pump Station VFD Room, North High Service Pump No3	INSTRUMENTATION		
LFP	5237	Vibration Transducer, North High Service Pump No3, Left Motor	INSTRUMENTATION		
LFP	52377	Vibration sensor, Left Side, North H.S. Pump No3	INSTRUMENTATION		
LFP	5238	Vibration Transducer, North High Service Pump No3, Right Motor	INSTRUMENTATION		
LFP	52388	Vibration sensor, Right Side, North H.S. Pump No3	INSTRUMENTATION		
LFP	OGIP-1	Instrumentation Panel, Ozone Building, Ozone Gas Destruct Unit No1	INSTRUMENTATION		
LFP	OGIP-2	Instrumentation Panel, Ozone Building, Ozone Gas Destruct Unit No2	INSTRUMENTATION		
LFP	000270	Monitor, Nitrogen Boost System, Receiver Tank Level	INSTRUMENTATION		CHART
LFP	OB-I-3A	Instrumentation Panel, Ozone Building, No3A	INSTRUMENTATION		
LFP	OZ-I3B	Instrumentation Panel, Ozone Building, No3B	INSTRUMENTATION		
LFP	501239	Instrumentation, Ozone Lab, Wet Test Meter	INSTRUMENTATION		PRECIDIGI
LFP	292481	Instrumentation, Ozone Building Laboratory, Wet Test Meter	INSTRUMENTATION		PRECIDIGI
LFP	292482	Instrumentation, Ozone Building Laboratory, Scale	INSTRUMENTATION		FISHRSKI
LFP	OZ-OIR1	Instrumentation Panel, Ozone Building, Ozone Contactor No1	INSTRUMENTATION		
LFP	501282	Level Indicator, Ozone Contactor No1, Recycle Pump	MTR-LEV(ULTRA)		
LFP	OZ-OIR2	Instrumentation Panel, Ozone Building, Ozone Contactor No2	INSTRUMENTATION		
LFP	9943	TURBIDIMETER, SOLITAX SC BTWN CONT. 2 & 3, 1981647	INSTRUMENTATION		
LFP	501283	Level Indicator, Ozone Contactor No2, Recycle Pump	MTR-LEV(ULTRA)		
LFP	4095-1-FE1	Flow Meter, Ozone Generator No1, Orifice Plate Cooling	MTR-FLOW		
LFP	4095-2-FE1	Flow Meter, Ozone Generator No2, Orifice Plate Cooling	MTR-FLOW		
LFP	4095-3-FE1	Flow Meter, Ozone Generator No3, Orifice Plate Cooling	MTR-FLOW		
LFP	ORA	Rotameter Assembly, Orthophosphate Day Tank	FLOW METER		
LFP	501199	Flow Meter, Plant Outlet Meter Vault No3, Plant Water	FLOW METER		
LFP	501233	Force Flow Scale, Polymer Bulk storage Tanks Polymer 2, No1	INSTRUMENTATION		
LFP	501234	Force Flow Scale, Polymer Bulk storage Tanks Polymer 2, No2	INSTRUMENTATION		
LFP	FE/FIT-5303	Flow Meter, Dewatering Building, Press No1 Sludge Feed	MTR-FLOW		
LFP	FE/FIT-5304	Flow Meter, Dewatering Building, Press No2 Sludge Feed	MTR-FLOW		
LFP	100622	SOLITAX TURBIDIMETER, HACH, PRE CLAR BASIN, S/N 2060568	INSTRUMENTATION		
LFP	0002630	Flow Transmitter, Gravity Thickeners & Dewatering Building Vault, Sludge Conditioning Tank No1	MTR-FLOW		
LFP	0002386	Paging Adapter, Dewatering Building Mechanical Room, Telephone PBX	INSTRUMENTATION		ADDSYS
LFP	317003-2	Probe : McCrometer	MTR-FLOW		
LFP	RBBS-MCC-BKT-P-003	Power Monitor, Rockbridge Tank and Booster Station Motor Control Center	INSTRUMENTATION		
LFP	119001	Keyboard, Scale House, Truck Scale	INSTRUMENTATION		FAIRBANKS

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	SSCFA-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump Future, AC	INSTRUMENTATION		
LFP	SCPS210-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No1, AC	INSTRUMENTATION		
LFP	SCPS210-MACV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No1, AC	INSTRUMENTATION		
LFP	SCPS210-MDCA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No1, DC	INSTRUMENTATION		
LFP	SCPS210-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No1, DC	INSTRUMENTATION		
LFP	SCPS210-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump No1	INSTRUMENTATION		
LFP	SCPS220-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No2, AC	INSTRUMENTATION		
LFP	SCPS220-MACV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No2, AC	INSTRUMENTATION		
LFP	SCPS220-MDCA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No2, DC	INSTRUMENTATION		
LFP	SCPS220-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No2, DC	INSTRUMENTATION		
LFP	SCPS220-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump No2	INSTRUMENTATION		
LFP	SCPFA-MACV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, AC, MCCA	INSTRUMENTATION		
LFP	SCPFA-MDCA	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, DC, MCCA	INSTRUMENTATION		
LFP	SCPFA-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, AC, MCCB	INSTRUMENTATION		
LFP	SCPFA-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump Future	INSTRUMENTATION		
LFP	SCPL210-MACA	Ampere Meter, Lanier Filter Plant Raw Water Pump No1, AC	INSTRUMENTATION		
LFP	SCPL210-MACV	Volt Meter, Lanier Filter Plant Raw Water Pump No1, AC	INSTRUMENTATION		
LFP	SCPL210-MDCA	Ampere Meter, Lanier Filter Plant Raw Water Pump No1, DC	INSTRUMENTATION		
LFP	SCPL210-MDCV	Volt Meter, Lanier Filter Plant Raw Water Pump No1, DC	INSTRUMENTATION		
LFP	SCPL210-MPF	Power Factor Meter, Lanier Filter Plant Raw Water Pump No1	INSTRUMENTATION		
LFP	SCPL220-MACA	Ampere Meter, Lanier Filter Plant Raw Water Pump No2, AC	INSTRUMENTATION		
LFP	SCPL220-MACV	Volt Meter, Lanier Filter Plant Raw Water Pump No2, AC	INSTRUMENTATION		
LFP	SCPL220-MDCA	Ampere Meter, Lanier Filter Plant Raw Water Pump No2, DC	INSTRUMENTATION		
LFP	SCPL220-MDCV	Volt Meter, Lanier Filter Plant Raw Water Pump No2, DC	INSTRUMENTATION		
LFP	SCPL220-MPF	Power Factor Meter, Lanier Filter Plant Raw Water Pump No2	INSTRUMENTATION		
LFP	SCPL230-MACA	Ampere Meter, Lanier Filter Plant Raw Water Pump No3, AC	INSTRUMENTATION		
LFP	SCPL230-MACV	Volt Meter, Lanier Filter Plant Raw Water Pump No3, AC	INSTRUMENTATION		
LFP	SCPL230-MDCA	Ampere Meter, Lanier Filter Plant Raw Water Pump No3, DC	INSTRUMENTATION		
LFP	SCPL230-MDCV	Volt Meter, Lanier Filter Plant Raw Water Pump No3, DC	INSTRUMENTATION		
LFP	SCPL230-MPF	Power Factor Meter, Lanier Filter Plant Raw Water Pump No3	INSTRUMENTATION		
LFP	SCPL240-MACA	Ampere Meter, Lanier Filter Plant Raw Water Pump No4, AC	INSTRUMENTATION		
LFP	SCPL240-MACV	Volt Meter, Lanier Filter Plant Raw Water Pump No4, AC	INSTRUMENTATION		
LFP	SCPL240-MDCA	Ampere Meter, Lanier Filter Plant Raw Water Pump No4, DC	INSTRUMENTATION		
LFP	SCPL240-MDCV	Volt Meter, Lanier Filter Plant Raw Water Pump No4, DC	INSTRUMENTATION		
LFP	SCPL240-MPF	Power Factor Meter, Lanier Filter Plant Raw Water Pump No4	INSTRUMENTATION		
LFP	SCPS230-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No3, AC	INSTRUMENTATION		
LFP	SCPS230-MACV	Volt Meter, Lanier Filter Plant Raw Water Pump No3, AC	INSTRUMENTATION		
LFP	SCPS230-MDCA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No3, DC	INSTRUMENTATION		
LFP	SCPS230-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No3, DC	INSTRUMENTATION		
LFP	SCPS230-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump No3	INSTRUMENTATION		
LFP	SCPS240-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No4, AC	INSTRUMENTATION		
LFP	SCPS240-MACV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No4, AC	INSTRUMENTATION		
LFP	SCPS240-MDCA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump No4, DC	INSTRUMENTATION		
LFP	SCPS240-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump No4, DC	INSTRUMENTATION		
LFP	SCPS240-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump No4	INSTRUMENTATION		
LFP	SCPF-MACA	Ampere Meter, Shoal Creek Filter Plant Raw Water Pump Future, AC	INSTRUMENTATION		
LFP	SCPF-MACV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, AC, MCCB	INSTRUMENTATION		
LFP	SCPF-MDCA	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, DC, MCCB	INSTRUMENTATION		
LFP	SCPF-MDCV	Volt Meter, Shoal Creek Filter Plant Raw Water Pump Future, DC, MCCB	INSTRUMENTATION		
LFP	SCPF-MPF	Power Factor Meter, Shoal Creek Filter Plant Raw Water Pump Future	INSTRUMENTATION		
LFP	SCRW-MCC-BKT-013	Power Monitor, Raw Water Pump Station MCC-2	INSTRUMENTATION		
LFP	S1LVTC-MA	Ampere Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No1	INSTRUMENTATION		
LFP	S1LVTC-MLV	Volt Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No1	INSTRUMENTATION		
LFP	S1LVTC-MPF	Power Factor Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No1	INSTRUMENTATION		
LFP	S2LVTC-MA	Ampere Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No2	INSTRUMENTATION		
LFP	S2LVTC-MLV	Volt Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No2	INSTRUMENTATION		
LFP	S2LVTC-MPF	Power Factor Meter, Raw Water Pump Station MVSG, VT Compartment Inlet No2	INSTRUMENTATION		
LFP	3105-AIT	Transmitter, Backwash Air Gap Basin, Total Suspended Solids	INSTRUMENTATION		
LFP	230059	Vibration Sensor, Waste Backwash Pump No3, Right of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	230060	Vibration Sensor, Waste Backwash Pump No3, Right of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230061	Vibration Sensor, Waste Backwash Pump No3, Left Side	INSTRUMENTATION		METRIXINSTRU
LFP	230062	Vibration Sensor, Waste Backwash Pump No3, Right Side	INSTRUMENTATION		METRIXINSTRU

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	230063	Vibration Sensor, Waste Backwash Pump No3, End of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230064	Vibration Sensor, Waste Backwash Pump No3, Left of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	230065	Vibration Sensor, Waste Backwash Pump No3, Left of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230066	Vibration Sensor, Waste Backwash Pump No3, End of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	230068	Vibration Sensor, Waste Backwash Pump No4, Right of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230069	Vibration Sensor, Waste Backwash Pump No4, Right of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	230070	Vibration Sensor, Waste Backwash Pump No4, Left Side	INSTRUMENTATION		METRIXINSTRU
LFP	230071	Vibration Sensor, Waste Backwash Pump No4, Right Side	INSTRUMENTATION		METRIXINSTRU
LFP	230072	Vibration Sensor, Waste Backwash Pump No4, End of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230073	Vibration Sensor, Waste Backwash Pump No4, Left of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	230074	Vibration Sensor, Waste Backwash Pump No4, Left of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	230075	Vibration Sensor, Waste Backwash Pump No4, End of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	260000	Vibration Sensor, Lanier Raw Water Pump No1, Left of Motor	INSTRUMENTATION		
LFP	260001	Vibration Sensor, Lanier Raw Water Pump No1, Right of Pump	INSTRUMENTATION		
LFP	260002	Vibration Sensor, Lanier Raw Water Pump No1, Left of Pump	INSTRUMENTATION		
LFP	260003	Vibration Sensor, Lanier Raw Water Pump No1, End of Motor	INSTRUMENTATION		
LFP	260004	Vibration Sensor, Lanier Raw Water Pump No1, Right of Motor	INSTRUMENTATION		
LFP	260005	Vibration Sensor, Lanier Raw Water Pump No2, Right of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	260006	Vibration Sensor, Lanier Raw Water Pump No2, Left of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	260007	Vibration Sensor, Lanier Raw Water Pump No2, Left of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	260008	Vibration Sensor, Lanier Raw Water Pump No2, Right of Pump	INSTRUMENTATION		METRIXINSTRU
LFP	260009	Vibration Sensor, Lanier Raw Water Pump No2, End of Motor	INSTRUMENTATION		METRIXINSTRU
LFP	2600100	Vibration Sensor, Lanier Raw Water Pump No3, (NO PM Needed)Top End of Motor	INSTRUMENTATION		
LFP	2600122	Vibration Sensor, Lanier Raw Water Pump No3, (NO PM Needed)Top End of Motor	INSTRUMENTATION		
LFP	2600111	Vibration Sensor, Lanier Raw Water Pump No3,(NO PM Needed) Top End of Motor	INSTRUMENTATION		
LFP	2600144	Vibration Sensor, Lanier Raw Water Pump No3, (NO PM Needed)Bottom End of Motor	INSTRUMENTATION		
LFP	2600133	Vibration Sensor, Lanier Raw Water Pump No3, (NO PM Needed)Bottom End of Motor	INSTRUMENTATION		
LFP	260015	Vibration Sensor, Lanier Raw Water Pump No4, Left of Pump	INSTRUMENTATION		
LFP	260016	Vibration Sensor, Lanier Raw Water Pump No4, Right of Motor	INSTRUMENTATION		
LFP	260017	Vibration Sensor, Lanier Raw Water Pump No4, Right of Pump	INSTRUMENTATION		
LFP	260018	Vibration Sensor, Lanier Raw Water Pump No4, Left of Motor	INSTRUMENTATION		
LFP	260019	Vibration Sensor, Lanier Raw Water Pump No4, End of Motor	INSTRUMENTATION		
LFP	260020	Vibration Sensor, Shoal Creek Raw Water Pump No1, End of Motor	INSTRUMENTATION		
LFP	260021	Vibration Sensor, Shoal Creek Raw Water Pump No1, Right of Pump	INSTRUMENTATION		
LFP	260022	Vibration Sensor, Shoal Creek Raw Water Pump No1, Right of Motor	INSTRUMENTATION		
LFP	260023	Vibration Sensor, Shoal Creek Raw Water Pump No1, Left of Motor	INSTRUMENTATION		
LFP	260024	Vibration Sensor, Shoal Creek Raw Water Pump No1, Left of Pump	INSTRUMENTATION		
LFP	260025	Vibration Sensor, Shoal Creek Raw Water Pump No2, Left of Motor	INSTRUMENTATION		
LFP	260026	Vibration Sensor, Shoal Creek Raw Water Pump No2, Left of Pump	INSTRUMENTATION		
LFP	260027	Vibration Sensor, Shoal Creek Raw Water Pump No2, Right of Pump	INSTRUMENTATION		
LFP	260028	Vibration Sensor, Shoal Creek Raw Water Pump No2, End of Motor	INSTRUMENTATION		
LFP	260029	Vibration Sensor, Shoal Creek Raw Water Pump No2, Right of Motor	INSTRUMENTATION		
LFP	260030	Vibration Sensor, Shoal Creek Raw Water Pump No3, Right of Pump	INSTRUMENTATION		
LFP	260031	Vibration Sensor, Shoal Creek Raw Water Pump No3, Right of Motor	INSTRUMENTATION		
LFP	260032	Vibration Sensor, Shoal Creek Raw Water Pump No3, Left of Motor	INSTRUMENTATION		
LFP	260033	Vibration Sensor, Shoal Creek Raw Water Pump No3, Left of Pump	INSTRUMENTATION		
LFP	260034	Vibration Sensor, Shoal Creek Raw Water Pump No3, End of Motor	INSTRUMENTATION		
LFP	260035	Vibration Sensor, Shoal Creek Raw Water Pump No4, Right of Motor	INSTRUMENTATION		
LFP	260036	Vibration Sensor, Shoal Creek Raw Water Pump No4, Left of Motor	INSTRUMENTATION		
LFP	260037	Vibration Sensor, Shoal Creek Raw Water Pump No4, Left of Pump	INSTRUMENTATION		
LFP	260038	Vibration Sensor, Shoal Creek Raw Water Pump No4, Right of Pump	INSTRUMENTATION		
LFP	260039	Vibration Sensor, Shoal Creek Raw Water Pump No4, End of Motor	INSTRUMENTATION		
LFP	0002521	Paging Adapter, Sludge Transfer Pump Station, Telephone PBX	INSTRUMENTATION		ADDSYS
LFP	12100	Flow Transmitter - MagMeter - Sludge Transfer Building	INSTRUMENTATION		
LFP	101410	SMOKE DETECTOR	GAS DETECTOR		GLOBALCON
LFP	230004	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Right of Pump	INSTRUMENTATION		
LFP	230005	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Right of Motor	INSTRUMENTATION		
LFP	230006	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Left of Motor	INSTRUMENTATION		
LFP	230007	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Left of Pump	INSTRUMENTATION		
LFP	230008	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Center of Pump	INSTRUMENTATION		
LFP	230009	Vibration Sensor, Lanier Transfer Pump No1, Inside Motor Cover No1	INSTRUMENTATION		
LFP	230010	Vibration Sensor, Lanier Transfer Pump No1, Inside Motor Cover No2	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	230011	Vibration Sensor, Lanier Transfer Pump No1, Inside Motor Cover No3	INSTRUMENTATION		
LFP	230012	Vibration Sensor, Lanier Transfer Pump No1, Inside Motor Cover No4	INSTRUMENTATION		
LFP	230013	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No1 Center of Motor	INSTRUMENTATION		
LFP	230015	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Right of Pump	INSTRUMENTATION		
LFP	230016	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Right of Motor	INSTRUMENTATION		
LFP	230017	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Left of Pump	INSTRUMENTATION		
LFP	230018	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Left of Motor	INSTRUMENTATION		
LFP	230019	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Center of Pump	INSTRUMENTATION		
LFP	230020	Vibration Sensor, Lanier Transfer Pump No2, Inside Motor Cover No2	INSTRUMENTATION		
LFP	230021	Vibration Sensor, Lanier Transfer Pump No2, Inside Motor Cover No3	INSTRUMENTATION		
LFP	230022	Vibration Sensor, Lanier Transfer Pump No2, Inside Motor Cover No1	INSTRUMENTATION		
LFP	230023	Vibration Sensor, Lanier Transfer Pump No2, Inside Motor Cover No4	INSTRUMENTATION		
LFP	230024	Vibration Sensor, High Service Pump Station, Lanier Transfer Pump No2 Center of Motor	INSTRUMENTATION		
LFP	MTR00177	Transmitter, Chlorine, Freedom 5000 (Warehouse)	INSTRUMENTATION		
LFP	MTR00178	Flowmeter, Liquid, GE-Panametrics (warehouse) SN 2023	FLOW METER		
LFP	501228	55 Ton Hydraulic Shop Press, Maintenance Building	INSTRUMENTATION		
LFP	501259	Welder, Maintenance Building	INSTRUMENTATION		
LFP	MTR00068	Meter Transmation Process Meter (Phillip Sharp)	INSTRUMENTATION		
LFP	MTR00073	Meter Chlorine Calibrator (Phillip Sharp)	INSTRUMENTATION	ACD9999A	
LFP	000502	Phase Protector, Motor Control Center F1	INSTRUMENTATION	ADVANCEDPROT	
LFP	000503	Phase Protector, Motor Control Center F2	INSTRUMENTATION	ADVANCEDPROT	
LFP	000504	Phase Protector, Motor Control Center F3	INSTRUMENTATION	ADVANCEDPROT	
LFP	000505	Phase Protector, Motor Control Center F4	INSTRUMENTATION	ADVANCEDPROT	
LFP	MTR00055	Meter AEMC 5060 MegoMeter (David Rigby)	INSTRUMENTATION	AEMC	
LFP	MTR00079	Meter AEMC Megohmmeter Meter (Phillip Sharp)	INSTRUMENTATION	AEMC	
LFP	501243	Ozone Hunter, Filtration Lab	INSTRUMENTATION	AFX	
LFP	4320-TI	Temperature Meter, Nitrogen Boost System, Receiver Tank	MTR-TEMP	ASHCROFT	
LFP	4160-1-TIT1A	Temperature Meter, Ozone Gas Destruct Unit No1, Preheater Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-1-TIT1B	Temperature Meter, Ozone Gas Destruct Unit No1, Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-2-TIT2A	Temperature Meter, Ozone Gas Destruct Unit No2, Preheater Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-2-TIT2B	Temperature Meter, Ozone Gas Destruct Unit No2, Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-3-TIT3A	Temperature Meter, Ozone Gas Destruct Unit No3, Preheater Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-3-TIT3B	Temperature Meter, Ozone Gas Destruct Unit No3, Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-4-TIT4A	Temperature Meter, Ozone Gas Destruct Unit No4, Preheater Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	4160-4-TIT4B	Temperature Meter, Ozone Gas Destruct Unit No4, Inlet Transmitter	MTR-TEMP	ASHCROFT	
LFP	LFP-OZ-TMP-MTR-010	TEMPERATURE GAUGE, OZONE GENERATORS COOLING WATER SYSTEM, MAIN INLET LINE	MTR-TEMP	ASHCROFT	GLOBALCTR
LFP	SCFP-OZ-PRS-TMP-010	MTR-TEMP, SCFP OZONE BUILDING LL, TEMP. INDICATOR No3400	MTR-TEMP	ASHCROFT	GLOBALCTR
LFP	15362	Pressure Gauge, Dewatering Building Filter Press No2, Membrane Squeeze Manifold	INSTRUMENTATION	ASHCROFT	ASHCROFT
LFP	14367	Pressure Gauge, Dewatering Building Filter Press No1, Membrane Squeeze Manifold	INSTRUMENTATION	ASHCROFT	
LFP	0002460	Temperature Gauge, Dewatering Building Floor No1 Air Dryer Tank, No1	MTR-TEMP	ASHCROFT	TRANSDYNCON
LFP	0002461	Temperature Gauge, Dewatering Building Floor No1 Air Dryer Tank, No2	MTR-TEMP	ASHCROFT	TRANSDYNCON
LFP	210011	Gas Detector, Ozone Lab, PortaSens II Detector Housing No1	GAS DETECTOR	ATI	AFC
LFP	107025	PortaSens II Detector Housing	GAS DETECTOR	ATI	AFC
LFP	SCFP-BW-FLT-3-INT	SCFP, FILTER No3, BACKWASH INSTRUMENT	INSTRUMENTATION	ATI	ENTECH
LFP	SCFP-BW-FLT-6-INT	SCFP, FILTER No6, BACKWASH INSTRUMENT	INSTRUMENTATION	ATI	ENTECH
LFP	205101	Gas Detector, Ozone Lab, PortaSens II Detector Housing No2	GAS DETECTOR	ATI	AFC
LFP	250019	Gas Detector, Ozone Lab, PortaSens II Detector Housing No3	GAS DETECTOR	ATI	AFC
LFP	250020	Gas Detector, Ozone Lab, PortaSens II Detector Housing No4	GAS DETECTOR	ATI	AFC
LFP	114064	Gas Detector, Ozone Building Laboratory, Housing No1	GAS DETECTOR	ATI	AFC
LFP	114065	Gas Detector, Ozone Building Laboratory, Housing No2	GAS DETECTOR	ATI	AFC
LFP	114067	Gas Detector, Ozone Building Laboratory, Module No1	GAS DETECTOR	ATI	AFC
LFP	0001461	Pedestal Grinder, Maintenance Building, No1	INSTRUMENTATION	BALDOR	
LFP	114060	Temperature Transmitter, Off Gas Destruction Unit No1, Outlet	MTR-TEMP	BARKSDALECON	BARKSDALECON
LFP	114062	Temperature Gauge, Off Gas Destruction Unit No2, Outlet	MTR-TEMP	BARKSDALECON	BARKSDALECON
LFP	501251	Scale, Filtration Lab, No2	INSTRUMENTATION	BARNSTEAD	
LFP	501238	Instrumentation, Ozone Lab, Scale	INSTRUMENTATION	BARNSTEAD	
LFP	MTR00070	Meter Biddle Megger 15kv Test Set (Phillip Sharp)	INSTRUMENTATION	BIDDLE	
LFP	100497	ROTAMETER ON FILTER BUILDING #1 EFFLUENT LINE , FILTER BUILDING COMBINED SAMPLE	FLOW METER	BLUEWHITE	
LFP	100498	ROTAMETER ON TURBIDITY SAMPLE LINE, FILTER BUILDING COMBINED SAMPLE	FLOW METER	BLUEWHITE	
LFP	100499	ROTAMETER ON PARTICLE COUNTER SAMPLE LINE, FILTER BUILDING COMBINED SAMPLE	FLOW METER	BLUEWHITE	
LFP	100501	ROTAMETER ON TOC ANALYZER SAMPLE LINE , FILTER BUILDING COMBINED SAMPLE	FLOW METER	BLUEWHITE	
LFP	100502	RAW WATER ROTAMETER ON TOC ANALYZER SAMPLE LINE	FLOW METER	BLUEWHITE	

APPENDIX B - ITEMIZED INSTRUMENTATION LIST					
Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	100496	ROTAMETER ON FILTER BUILDING #2 EFFLUENT LINE, FILTER BUILDING COMBINED SAMPLE	FLOW METER	BLUEWHITE	
LFP	LFPBPXA-AMP	Lanier Filter Plant, Telephone PBX, Paging Amplifier	INSTRUMENTATION	BOGEN	
LFP	SCFP-OZ-NIT-NBS-FIT	FLOW METER, NITROGEN BOOST SYSTEM	MTR-FLOW	BROOKSINSTRU	BROOKSINSTRU
LFP	292496	Gas Detector, Chlorine Building Chlorinator Room, Chlorine Gas Leak Detector No5	GAS DETECTOR	CAPITALCON	
LFP	3050-AIT1	Transmitter, Chlorine Instrumentation Rack, Chlorine Filter Outlet	INSTRUMENTATION	CAPITALCON	HACH
LFP	5680-2-CLD2	Gas Detector, Chlorine Dock, No2	GAS DETECTOR	CAPITALCON	
LFP	5680-3-CLD3	Gas Detector, Chlorine Dock, No3	GAS DETECTOR	CAPITALCON	
LFP	5680-4-CLD4	Gas Detector, Chlorinator Room, No4	GAS DETECTOR	CAPITALCON	
LFP	501200	Gas Detector, Chlorinator Room, No5	GAS DETECTOR	CAPITALCON	
LFP	3005-AIT2	Analyzer, Chlorine Instrumentation CL17, Lab, Primary	INSTRUMENTATION	CAPITALCON	HACH
LFP	13502A	Cerlic Sludge Blanket Monitor, No2	INSTRUMENTATION	CERL999A	CERLIC
LFP	0002471	Suspended Solids Cerlic Probe Dewatering Building Floor No1	INSTRUMENTATION	CERLIC	
LFP	0002547	Suspended Solids Meter, Sludge Transfer Pump Station	INSTRUMENTATION	CERLIC	
LFP	100623	PARTICLE COUNTER, CHEMTRAC, S/N PC 3424E036	INSTRUMENTATION	CHEMTRAC	
LFP	100569	PARTICLE COUNTER, CHEMTRAC, S/N PC3423G041	INSTRUMENTATION	CHEMTRAC	
LFP	100162	CHARGE ANALYZER, LAB PARTICAL, LCA5211003	INSTRUMENTATION	CHEMTRAC	CHEMTRAC
LFP	GAS-DET-009	MONITOR GAS DETECTOR MULTIGAS TETRA CROWCON No100501436-009	GAS DETECTOR	CROWCON	DAWSONASSO
LFP	GAS00001	CROWCON Tetra Gas Detector (David Osborne)	GAS DETECTOR	CROWCON	
LFP	501244	Pedestal Grinder, Maintenance Building	INSTRUMENTATION	DAYTON	
LFP	501258	Unisaw, Maintenance Building	INSTRUMENTATION	DELTA	
LFP	501231	Dust Collection System, Maintenance Building	INSTRUMENTATION	DELTA	
LFP	0001196	GAS MONITOR, CHLORINE DOCK, EAST EXTERIOR CHLORINE GAS DETECTOR CLGM-3	GAS DETECTOR	DENORA	SWATERTECH
LFP	CHL-LFP-HGM-CLGM-4	GAS MONITOR, CHLORINE DOCK, INJECTOR ROOM CHLORINE GAS DETECTOR CLGM-4	GAS DETECTOR	DENORA	SWATERTECH
LFP	CHL-LFP-HGM-CLGM-1	GAS MONITOR, CHLORINE DOCK, NORTH CHLORINE GAS DETECTOR CLGM-1	GAS DETECTOR	DENORA	SWATERTECH
LFP	CHL-LFP-HGM-CLGM-2	GAS MONITOR, CHLORINE DOCK, SOUTH CHLORINE GAS DETECTOR CLGM-2	GAS DETECTOR	DENORA	SWATERTECH
LFP	CHL-SCFP-HGM-AIT-AE-5680-1	SCFP, Chlorine Bldg, Hazardous Gas Monitor-AIT/AE 5680-1, AIT 5630-4	GAS DETECTOR	DENORA	TEMPLETNASSO
LFP	CHL-SCFP-HGM-AIT-AE-5680-3	SCFP, Chlorine Bldg, Hazardous Gas Monitor-AIT/AE 5680-3	GAS DETECTOR	DENORA	TEMPLETNASSO
LFP	CHL-SCFP-HGM-AIT-AE-5680-4	SCFP, Chlorine Bldg, Hazardous Gas Monitor-AIT/AE 5680-4	GAS DETECTOR	DENORA	TEMPLETNASSO
LFP	CHL-SCFP-HGM-AIT-5630-4	SCFP, Chlorine Bldg, Hazardous Gas Monitor-AIT 5630-4 ,AIT 5630-4	GAS DETECTOR	DENORA	TEMPLETNASSO
LFP	CHL-SCFP-HGM-AIT-5680-2	SCFP, Chlorine Bldg, Hazardous Gas Monitor-AIT 5680-2	GAS DETECTOR	DENORA	TEMPLETNASSO
LFP	MTR00059	Meter Dranetz Power Analyzer (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00060	Meter Dranetz 500 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00061	Meter Dranetz 500 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00062	Meter Dranetz 500 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00063	Meter Dranetz 500 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00064	Meter Dranetz 10 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00065	Meter Dranetz 10 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00066	Meter Dranetz 10 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00067	Meter Dranetz 10 A CT (David Rigby)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00153	Meter DRANETZ 1000 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00154	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00155	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00156	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00157	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00158	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00159	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00160	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00161	Meter Dranetz 500 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00162	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00163	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00164	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00165	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00166	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00167	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00168	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	MTR00169	Meter Dranetz 10 A CT (LFP Electrical Shop)	INSTRUMENTATION	DRANETZTECH	
LFP	3100-3-LIT	Level Meter, Backwash Equalization Basin No2, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	FCDT2-LIT	Level Meter, Ferric Chloride Day Tank No2, Transmitter SN 3028	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501291	Level Meter, Ferric Chloride Storage Tank No1, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	5000-1-LIT1	Level Meter, Ferric Chloride Storage Tank No1, Transmitter SN 3024	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501292	Level Meter, Ferric Chloride Storage Tank No2, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	5000-2-LIT2	Level Meter, Ferric Chloride Storage Tank No2, Transmitter SN 405-5000-2	MTR-LEVL(ULTRA)	DREXELBROOK	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	20701B-LIT1B	Level Meter, Filter No1B, Transmitter SN 101454	INSTRUMENTATION	DREXELBROOK	
LFP	501293	Level Meter, Filter No1 Valves And Piping, Filter Loss-Of-Head Profile No 1A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501294	Level Meter, Filter No1 Valves And Piping, Filter Loss-Of-Head Profile No 1B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	20702B-LIT2B	Level Meter, Filter No2B, Transmitter SN 101462	INSTRUMENTATION	DREXELBROOK	
LFP	2070-2A-LIT2A	Level Meter, Filter No2A, Transmitter SN 101456	INSTRUMENTATION	DREXELBROOK	
LFP	501295	Level Meter, Filter No2 Valves And Piping, Filter Loss-Of-Head Profile No 2A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501296	Level Meter, Filter No2 Valves And Piping, Filter Loss-Of-Head Profile No 2B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501297	Level Meter, Filter No3 Valves And Piping, Filter Loss-Of-Head Profile No 3A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501298	Level Meter, Filter No3 Valves And Piping, Filter Loss-Of-Head Profile No 3B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501299	Level Meter, Filter No4 Valves And Piping, Filter Loss-Of-Head Profile No 4A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501300	Level Meter, Filter No4 Valves And Piping, Filter Loss-Of-Head Profile No 4B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501301	Level Meter, Filter No5 Valves And Piping, Filter Loss-Of-Head Profile No 5A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501302	Level Meter, Filter No5 Valves And Piping, Filter Loss-Of-Head Profile No 5B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501303	Level Meter, Filter No6 Valves And Piping, Filter Loss-Of-Head Profile No 6A Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501304	Level Meter, Filter No6 Valves And Piping, Filter Loss-Of-Head Profile No 6B Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501305	Level Meter, Hydrofluorosilicic Acid Storage Tank No1, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	5700-1-FIT	Level Meter, Hydrofluorosilicic Acid Day Storage, Transmitter SN 3029	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501306	Level Meter, Hydrofluorosilicic Acid Storage Tank No2, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	4340-FIT	Flow Meter, Nitrogen Boost System, Transmitter	MTR-FLOW	DREXELBROOK	
LFP	5500-1-LIT	Level Meter, Orthophosphate Storage Tank No1, Transmitter SN 3019	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	5500-2-LIT	Level Meter, Orthophosphate Storage Tank No2, Transmitter SN 3025	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501307	Level Meter, Orthophosphate Storage Tank No1, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501308	Level Meter, Orthophosphate Storage Tank No2, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501309	Level Meter, Polymer Storage Tank No1, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	501310	Level Meter, Polymer Storage Tank No2, Transmitter	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	5410-1-LIT1	Level Meter, Polymer Day Tank No1, Transmitter SN 3027	MTR-LEVL(ULTRA)	DREXELBROOK	
LFP	0001479	Sand Blast Cabinet, Maintenance Building	INSTRUMENTATION	ECONOLINE	
LFP	0001481	Hydraulic Iron Worker, Maintenance Building	INSTRUMENTATION	ECONOLINE	
LFP	2070-6A-LIT6A-01	Level Meter, Filter No6A, Transmitter, SN 23GORH0033360	INSTRUMENTATION	EMERSON	KAZMIERASSO
LFP	20706B-LIT6B-01	Level Meter, Filter No6B, Transmitter, SN 23GORH0033359	INSTRUMENTATION	EMERSON	KAZMIERASSO
LFP	100166	Level Transmitter, Rosemount 5408, SN# 23GORH0033358	MTR-LEVL(ULTRA)	EMERSON	KAZMIERASSO
LFP	100248	LEVEL METER, ORTHOPHOSPHATE DAY TANK, SN 23GORH0033361	INSTRUMENTATION	EMERSON	KAZMIERASSO
LFP	100333	Level Meter, Polymer Day Tank No2, Transmitter SN 23GORH0033352	MTR-LEVL(ULTRA)	EMERSON	KAZMIERASSO
LFP	0001464	Chop Saw, Maintenance Building	INSTRUMENTATION	EVOLUTION	
LFP	MTR00057	Meter Extech Laser/Contact Tachometer (David Rigby)	INSTRUMENTATION	EXTECH	
LFP	MTR00058	Meter Extech Sound Level Meter (David Rigby)	INSTRUMENTATION	EXTECH	
LFP	MTR00056	Meter Fieldpiece HS33 Clamp MFD Thermo for HVAC (David Rigby)	INSTRUMENTATION	FIELDPIECEINST	
LFP	100249	FLOW METER, INSERTION, MCCROMETER, 72115604	MTR-FLOW	FLEXIM	FLEXIM
LFP	100065	Flow Meter, Insertion, Flexim, 24", 72115604	FLOW METER	FLEXIM	FLEXIM
LFP	ECPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117577	MTR-FLOW	FLEXIM	MRSYS
LFP	ECPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	ECPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	ECPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117582	MTR-FLOW	FLEXIM	MRSYS
LFP	HPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117581	MTR-FLOW	FLEXIM	MRSYS
LFP	BPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BSPS-MTR-P-001	FLOW METER, ULTRASONIC, 78117578	MTR-FLOW	FLEXIM	MRSYS
LFP	BSPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BSPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BSPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FCPS-MTR-P-001	FLOW METER, ULTRASONIC, 78117578	MTR-FLOW	FLEXIM	MRSYS
LFP	FCPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FCPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FCPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	110251	Ultrasonic Flowmeter Transducers A	INSTRUMENTATION	FLEXIM	KAZMIERASSO
LFP	110252	Ultrasonic Flowmeter Transducers B	INSTRUMENTATION	FLEXIM	KAZMIERASSO
LFP	110265	Ultrasonic Flowmeter Transducers A	INSTRUMENTATION	FLEXIM	KAZMIERASSO

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	110266	Ultrasonic Flowmeter Transducers B	INSTRUMENTATION	FLEXIM	KAZMIERASSO
LFP	110261	Ultrasonic Flowmeter Transducers A	INSTRUMENTATION	FLEXIM	KAZMIERASSO
LFP	110262	Ultrasonic Flowmeter Transducers B	FLOW METER	FLEXIM	KAZMIERASSO
LFP	BRPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117580	MTR-FLOW	FLEXIM	MRSYS
LFP	BRPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BRPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	BRPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	ONPS-MTR-P-001	FLOW METER, ULTRASONIC, 7211G442	MTR-FLOW	FLEXIM	MRSYS
LFP	ONPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	ONPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	ONPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	JPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117589	MTR-FLOW	FLEXIM	MRSYS
LFP	JPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	JPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	JPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	WGPS-MTR-P-001	FLOW METER, ULTRASONIC, 72119443	MTR-FLOW	FLEXIM	MRSYS
LFP	WGPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	WGPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	WGPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPPS-MTR-P-001	FLOW METER, ULTRASONIC, 72117583	MTR-FLOW	FLEXIM	MRSYS
LFP	HPPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HPPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FFTPS-MTR-P-001	FLOW METER, ULTRASONIC, 72119445	MTR-FLOW	FLEXIM	MRSYS
LFP	FFTPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FFTPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	FFTPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HCPS-MTR-P-001	FLOW METER, ULTRASONIC, 72119444	MTR-FLOW	FLEXIM	MRSYS
LFP	HCPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HCPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	HCPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	100252	FLOW METER, INSERTION, MCCROMETER, 72115602	MTR-FLOW	FLEXIM	FLEXIM
LFP	100068	Flow Meter, Insertion, MCCROMETER, 24"	MTR-FLOW	FLEXIM	FLEXIM
LFP	30022-01	Ultrasonic, Flow Meter, Flexim, S/N 72103406	MTR-FLOW	FLEXIM	
LFP	30050	Transducer, Ultrasonic, Flexim, SN CDK1L18-97654	FLOW METER	FLEXIM	
LFP	30040-01	Flow Meter, Ultrasonic, Flexim, F721 SN 72103410	FLOW METER	FLEXIM	
LFP	30046	Transducer, Ultrasonic, Flexim, SN CDK1L18-97656	FLOW METER	FLEXIM	
LFP	100066	Flow Meter, Insertion, Flexim, 30", 72115603	MTR-FLOW	FLEXIM	FLEXIM
LFP	100251	FLOW METER, INSERTION, MCCROMETER, 72115603	MTR-FLOW	FLEXIM	FLEXIM
LFP	100253	FLOW METER, INSERTION, MCCROMETER, 72115601	MTR-FLOW	FLEXIM	FLEXIM
LFP	100064	Flow Meter, Insertion, Flexim, 30", 72115601	MTR-FLOW	FLEXIM	FLEXIM
LFP	318785-01	Flow Meter, Ultrasonic, Flexim, F721 SN 72103423	FLOW METER	FLEXIM	
LFP	318786	FLOW METER, FLEXIM, SN 146868 / CDK1L18	FLOW METER	FLEXIM	FLEXIM
LFP	30048	Transducer, Ultrasonic, Flexim, SN CDK1L18-97653	FLOW METER	FLEXIM	
LFP	CHPS-MTR-P-001	FLOW METER, ULTRASONIC, TF7F7216P	MTR-FLOW	FLEXIM	MRSYS
LFP	CHPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	CHPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	CHPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	COPS-MTR-P-001	FLOW METER, ULTRASONIC, 72119448	MTR-FLOW	FLEXIM	MRSYS
LFP	COPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	COPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	COPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	LPS-MTR-P-001	FLOW METER, ULTRASONIC, 72119446	MTR-FLOW	FLEXIM	MRSYS
LFP	LPS-TRD-P-001	TRANSDUCER, FLOW, ULTRASONIC, 1, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	LPS-TRD-P-002	TRANSDUCER, FLOW, ULTRASONIC, 2, TRF-FSK-NNNT1-000/IP68	FLOW METER	FLEXIM	MRSYS
LFP	LPS-TRNSD-01	TRANSDUCER, MOUNT, MOU-VLM-DS-SBK3/IP68	FLOW METER	FLEXIM	MRSYS
LFP	101400	PERMANENT FLOW METER, 72104075	FLOW METER	FLEXIM	GLOBALCON
LFP	100362	FLOWMETER, FLUXUS F721 SINGLE CHANNEL FLOWMETER, 72114750	MTR-FLOW	FLEXIM	FLEXIM
LFP	100363	FLOWMETER, DC POWER SUPPLY	MTR-FLOW	FLEXIM	FLEXIM
LFP	100364	FLOWMETER, FLEXIM TRANSDUCER MOUNTING RAIL	MTR-FLOW	FLEXIM	FLEXIM
LFP	100365	FLOWMETER, ULTRASONIC FLOW TRANSDUCER	MTR-FLOW	FLEXIM	FLEXIM
LFP	100095	Flow Meter, Flexim Ultrasonic, 72115221	FLOW METER	FLEXIM	FLEXIM

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	30052	Transducer, Ultrasonic, Flexim, SN CDK1L18-97659	FLOW METER	FLEXIM	
LFP	100132	FLEXIM FLOW TRANSMITTER, PUCKETTS PRV STATION	INSTRUMENTATION	FLEXIM	KAZMIERASSO
LFP	30045	Transducer, Ultrasonic, Flexim, SN CDK1L18-97658	FLOW METER	FLEXIM	
LFP	30037-01	Flow Meter, Ultrasonic, Flexim,F721 SN 72103424	FLOW METER	FLEXIM	
LFP	30047	Transducer, Ultrasonic, Flexim, SN CDK1L18-93588	FLOW METER	FLEXIM	
LFP	30025-01	Flow Meter, Ultrasonic, Flexim,F721 SN 72103422	FLOW METER	FLEXIM	
LFP	30028-01	Flow Meter, Ultrasonic, Flexim,F721 SN 72103429	FLOW METER	FLEXIM	
LFP	30049	Transducer, Ultrasonic, Flexim, SN CDK1L18-97655	FLOW METER	FLEXIM	
LFP	30019-01	Flow Meter, Highway 78 PRV, Electromagnetic, 24"	FLOW METER	FLEXIM	FLEXIM
LFP	30051-01	Flexim Transducer	MTR-FLOW	FLEXIM	FLEXIM
LFP	MTR00141	Meter Fluke, Maintenance Van, Clamp Meter	INSTRUMENTATION	FLUKECORP	GRAINGER
LFP	MTR00047	Meter Fluke 789 Process Meter (M. Russell)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00048	Meter Fluke 337 Clamp on Meter (M. Russell)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00049	Meter Fluke 87 Multi Meter (M. Russell)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00051	Meter Fluke 771 Milliamp Process Meter (David Rigby)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00052	Meter Fluke 87 III Multi Meter (David Rigby)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00053	Meter Fluke 789 Process Meter (David Rigby)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00072	Meter Pressure Calibrator Fluke (Warehouse)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00074	Meter Fluke 771 Miliamp Clamp (Phillip Sharp)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00075	Meter Fluke 337 Clamp On (Phillip Sharp)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00076	Meter Fluke 789 Process Meter (Phillip Sharp)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00077	Meter Fluke 787 Process Meter (Phillip Sharp)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00078	Meter Fluke 87 III Multi Meter (Phillip Sharp)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00084	Meter Fluke 789 Process Meter (G. Logan)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00085	Meter Fluke 87 III True RMS Meter (G. Logan)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00087	Meter Fluke 87 Multi Meter (M. Willcoxon)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00088	Meter Fluke 36 Clamp Meter (Leon Nance)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00089	Meter Fluke 87 III Multi Meter (Leon Nance)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00091	Meter Fluke 787 Process Meter (Warehouse)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00092	Meter Fluke 337 Clamp on Meter (James Pirkle)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00095	Meter Fluke 87 Multi Meter (Bob Mason)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00096	Meter Fluke 99 Scope Meter (Bob Mason)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00097	Meter Fluke PV 350 Pressure/Vacuum Meter (Bob Mason)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00170	Meter Fluke 771 Milliamp Process SFP SHOP	INSTRUMENTATION	FLUKECORP	FLUKECORP
LFP	MTR00171	Meter 771 Milliamp Process Meter Fluke (M. Russell)	INSTRUMENTATION	FLUKECORP	
LFP	MTR00172	Meter Fluke 70 Multimeter (Warehouse)	INSTRUMENTATION	FLUKECORP	
LFP	5600-WIZ1	Weight Indicator, Chlorine Dock, Manifold A	INSTRUMENTATION	FORCEFLO	FORCEFLO
LFP	5600-WIZ2	Weight Indicator, Chlorine Dock, Manifold B	INSTRUMENTATION	FORCEFLO	FORCEFLO
LFP	10511	Scale Transmitter, Chlorine Dock, Manifold A	INSTRUMENTATION	FORCEFLO	FORCEFLO
LFP	10512	Scale Transmitter, Chlorine Dock, Manifold B	INSTRUMENTATION	FORCEFLO	FORCEFLO
LFP	114058	Ozone Gas Flow Transmitter for Contactors 1 and 2	INSTRUMENTATION	GEMOTOR	
LFP	114059	Ozone Gas Flow Transmitter for Contactors 3 and 4	INSTRUMENTATION	GEMOTOR	
LFP	5438	Monitor, High Service Pump Station VFD Room, Central High Service Pump No1	INSTRUMENTATION	GENELEC	
LFP	501230	Dishwasher, Filtration Lab	INSTRUMENTATION	GENELEC	
LFP	501249	Refrigerator, Filtration Lab	INSTRUMENTATION	GENELEC	
LFP	LFP-RCY-PS-ANA-01	LFP, RECYCLE PUMP STATION, LOW RANGE SS ANALYZER	INSTRUMENTATION	GLOBALCTR	HACH
LFP	LFP-RCY-PS-ANA-CTR-01	LFP-EQ	INSTRUMENTATION	GLOBALCTR	HACH
LFP	LFP-RCY-PS-FLO-01	LFP, RECYCLE PUMP STATION, SEDIMENTER FLOW CELL	INSTRUMENTATION	GLOBALCTR	HACH
LFP	LFP-RCY-PS-FLO-02	LFP, RECYCLE PUMP STATION, pH SENSOR FLOW CELL	INSTRUMENTATION	GLOBALCTR	HACH
LFP	LFP-DEW-INL-MTR-01	LFP, SLUDGE PUMP DISCHARGE-TSS INLINE METER	MTR-PRESS	GLOBALCTR	CERLIC
LFP	0001467	Parts Washer, Maintenance Building	INSTRUMENTATION	GRAYMILL	
LFP	501227	Parts Washer, Maintenance Building	INSTRUMENTATION	GRAYMILL	
LFP	MTR00080	Meter Hart Communicator (Phillip Sharp)	INSTRUMENTATION	HARTCOMMUN	
LFP	0001251	Chlorine Alarm Warning Light, Chlorinator Room	INSTRUMENTATION	HAWSCORP	
LFP	216004207572	Monitor, High Service Pump Station VFD Room	INSTRUMENTATION	HEWPACK	
LFP	LFPBXMVMS	Lanier Filter Plant, Telephone PBX, Voice Mail Server	INSTRUMENTATION	IBM	
LFP	0001465	Shear, Maintenance Building	INSTRUMENTATION	JETEQUIP	
LFP	0001468	Drill Press, Maintenance Building	INSTRUMENTATION	JETEQUIP	
LFP	0001476	Band Saw, Maintenance Building	INSTRUMENTATION	JETEQUIP	
LFP	501236	Horizontal Band Saw, Maintenance Building	INSTRUMENTATION	JETEQUIP	
LFP	501254	Tube Light, Ozone Contactor No1 J Tube No3	INSTRUMENTATION	JGPAPAILIAS	
LFP	501252	Tube Light, Ozone Contactor No1 J Tube No1	INSTRUMENTATION	JGPAPAILIAS	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	501253	Tube Light, Ozone Contactor No1 J Tube No2	INSTRUMENTATION	JGPAPAILIAS	
LFP	501255	Tube Light, Ozone Contactor No2 J Tube No1	INSTRUMENTATION	JGPAPAILIAS	
LFP	501256	Tube Light, Ozone Contactor No2 J Tube No2	INSTRUMENTATION	JGPAPAILIAS	
LFP	501257	Tube Light, Ozone Contactor No2 J Tube No3	INSTRUMENTATION	JGPAPAILIAS	
LFP	HFARA-RM01	Rotameter, Hydrofluorosilicic Acid Day Tank, Pump No1 Outlet SN 81730118002	FLOW METER	KINGINS	IND CONTROLS
LFP	HFARA-RM02	Rotameter, Hydrofluorosilicic Acid Day Tank, Pump No2 Outlet SN 81730118003	FLOW METER	KINGINS	IND CONTROLS
LFP	HFARA-RM1	Rotameter, Hydrofluorosilicic Acid Day Tank, Pump No1 Outlet SN 5210315002	FLOW METER	KINGINS	
LFP	HFARA-RM2	Rotameter, Hydrofluorosilicic Acid Day Tank, Pump No2 Outlet SN 5210315003	FLOW METER	KINGINS	
LFP	000302	FLOW METER, OZONE BUILDING FLOOR NO2 DIELECTRIC ROOM, NITROGEN FEED	MTR-FLOW	KINGINS	RYANHERCO
LFP	LFP-OZ-CT-1-ROMTR-01	ROTAMETER, OZONE CONTACTOR NO1, NO3	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-1-ROMTR-02	ROTAMETER, OZONE CONTACTOR NO1, NO2	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-1-ROMTR-03	ROTAMETER, OZONE CONTACTOR NO1, NO1	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-2-ROMTR-01	ROTAMETER, OZONE CONTACTOR NO2, NO1	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-2-ROMTR-02	ROTAMETER, OZONE CONTACTOR NO2, NO2	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-2-ROMTR-03	ROTAMETER, OZONE CONTACTOR NO2, NO3	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-3-ROMTR-01	ROTAMETER, OZONE CONTACTOR NO3, NO1	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-3-ROMTR-02	ROTAMETER, OZONE CONTACTOR NO3, NO2	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-3-ROMTR-03	ROTAMETER, OZONE CONTACTOR NO3, NO3	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-4-ROMTR-01	ROTAMETER, OZONE CONTACTOR NO4, NO1	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-4-ROMTR-02	ROTAMETER, OZONE CONTACTOR NO4, NO2	MTR-FLOW	KINGINS	KINGINS
LFP	LFP-OZ-CT-4-ROMTR-03	ROTAMETER, OZONE CONTACTOR NO4, NO3	MTR-FLOW	KINGINS	KINGINS
LFP	317555	Level Meter, Grayson Tanks and Booster Station Tank No1, No101	MTR-LEVL(ULTRA)	KOBOLD	
LFP	160000	Flow Meter, Recycle Pump Station Tunnel, Clearwells	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	LFP-HSP-VFD-001	Flow Transmitter, High Service Pump Station VFD Room, Central	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	LFP-HSP-VFD-002	Flow Transmitter, High Service Pump Station VFD Room, North	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	LFP-HSP-N-MTR-001	Flow Meter, High Service North Effluent Vault, No2	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	126042	Flow Meter, Backwash Equalization Building	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	000321	FLOW METER, OZONE GENERATORS COOLING WATER SYSTEM PUMPS INLET OLS LINE	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	111153	Flow Meter, High Service Pump Station, Plant Water Pumps	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	1252	Flow Transmitter, Gravity Thickeners & Dewatering Building, Gravity Thickener No1	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	1257	Flow Transmitter, Gravity Thickeners & Dewatering Building, Gravity Thickener No2	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	1266	Flow Transmitter, Gravity Thickeners & Dewatering Building Vault, Sludge Conditioning Tank No2	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	13731	Flow Transmitter, Dewatering Building, Press No1 Sludge Feed	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	13732	Flow Transmitter, Dewatering Building, Press No2 Sludge Feed	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	13741	Flow Meter, Dewatering Building, Press Average Filtrate	MTR-FLOW	KUNKLEVALVE	BESTECHEQUIP
LFP	12112	Flow Meter, Gravity Thickener Vault	MTR-FLOW	KUNKLEVALVE	AUMACTUAT
LFP	0001460	Plasma Cutter, Maintenance Building	INSTRUMENTATION	LEESON	
LFP	0001485	Welder, Maintenance Building, No3	INSTRUMENTATION	LEESON	
LFP	0001487	Power Greaser, Maintenance Building	INSTRUMENTATION	LEESON	
LFP	100155	FLOW METER, POLYMER	MTR-FLOW	MACNAUGHT	MACNAUGHT
LFP	0001689	Flow Meter, Central High Service Pump No1, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001678	Flow Meter, Central High Service Pump No2, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001668	Flow Meter, Central High Service Pump No3, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001658	Flow Meter, Central High Service Pump No4, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001647	Flow Meter, North High Service Pump No1, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001635	Flow Meter, North High Service Pump No2, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	0001623	Flow Meter, North High Service Pump No3, Motor Air	MTR-FLOW	MAGNEHELIC	DWYERINST
LFP	100615	FLOW METER, MARSH-MCBIRNEY, S/N 01W045889	FLOW METER	MARSHMC	
LFP	114005	Level Transmitter, Liquid Oxygen System, Tank	MTR-LEVL(ULTRA)	MERIAMINSTRU	
LFP	0001459	Welder, Maintenance Building, No2	INSTRUMENTATION	MILLERWELD	
LFP	0001498	Hydroranger, Clearwell No5	INSTRUMENTATION	MILLTRONICS	SIEMENSIND
LFP	672	Level Transmitter, Lime Slurry Tank No2 SN 2002/2538901	MTR-LEVL(ULTRA)	MILLTRONICS	SIEMENSIND
LFP	673	Level Transmitter, Lime Storage Tank No1	MTR-LEVL(ULTRA)	MILLTRONICS	SIEMENSIND
LFP	674	Level Transmitter, Lime Slurry Tank No2 SN 2002/2538901	MTR-LEVL(ULTRA)	MILLTRONICS	SIEMENSIND
LFP	624	Level Transmitter, Lime Storage Tank No1	MTR-LEVL(ULTRA)	MILLTRONICS	SIEMENSIND
LFP	AIT-4525-2	Monitor, Ambient Oxygen Monitor (North End)	INSTRUMENTATION	MINESAFETY	
LFP	501316	Temperature Meter, Lanier Raw Water Pump No1, Motor	MTR-TEMP	MINESAFETY	
LFP	501317	Temperature Meter, Lanier Raw Water Pump No4, Motor	MTR-TEMP	MINESAFETY	
LFP	100133	PRESSURE TRANSMITTER, WIKA, 11032Z3TF	FLOW METER	NAINSTRU	WIKA
LFP	LFP-OZ-MAG-FLW-001	FLOW METER, OZONE GENERATORS COOLING WATER SYSTEM, CLS MAKE-UP WATER	MTR-FLOW	NEPTUNE	GLOBALCTR
LFP	SCFP-OZ-WTR-PNL-003	FLOW METER, SCFP OZONE BUILDING LL, MAGNETIC DRIVE FLOW METER T-10	MTR-FLOW	NEPTUNE	GLOBALCTR
LFP	501194	Flow Meter, Ozone Building, Make Up Water	FLOW METER	NEPTUNEPUMP	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	LFP-BFTWEEB-BEB1-TRN	Level Meter, Backwash Equalization Basin No1, Transmitter SN 12637621	MTR-LEVL(ULTRA)	OHMART	
LFP	5441	Level Transmitter, Bogan Road Tank and Booster Station, Tank SN 10011120	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	3000-1-LIT	Level Meter, Clearwell No1, Transmitter SN 6092778-001	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	4491	Level Transmitter, Clearwell No1 SN 25082511	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	3000-2-LIT	Level Meter, Clearwell No2, Transmitter SN 6092703-001	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	4493	Level Transmitter, Clearwell No3 SN 29803816	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	4494	Level Transmitter, Clearwell No4 SN 12652340	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7208-T	Level Transmitter, Chemical Building Ferric Chloride, No1 SN 12635262	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7209-T	Level Transmitter, Chemical Building Ferric Chloride, No2 SN 12635261	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	2310-1-LIT	Level Meter, Filtration Backwash Well No1, Transmitter SN 12660693	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	9108	Level Transmitter, Filter No10A SN 12714332	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9109	Level Transmitter, Filter No10B SN 12701012	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9201	Level Transmitter, Filter No11A SN 12701027	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9202	Level Transmitter, Filter No11B SN 12701006	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9203	Level Transmitter, Filter No12A SN 12701029	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9210	Level Transmitter, Filter No12B SN 12701030	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7607	Level Transmitter, Filter No1A SN 12701010	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7608	Level Transmitter, Filter No1B SN 12701014	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7609	Level Transmitter, Filter No2A SN 12701005	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7701	Level Transmitter, Filter No2B SN 12701011	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7702	Level Transmitter, Filter No3A SN 12701007	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7703	Level Transmitter, Filter No3B SN 12701009	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7704	Level Transmitter, Filter No4A SN 12701020	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7705	Level Transmitter, Filter No4B SN 12701016	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7706	Level Transmitter, Filter No5A SN 12701021	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7707	Level Transmitter, Filter No5B SN 12701019	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7708	Level Transmitter, Filter No6A SN 12701017	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	7709	Level Transmitter, Filter No6B SN 12701015	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	8906	Level Transmitter, Filter No7A SN 12701023	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	8907	Level Transmitter, Filter No7B SN 12701025	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	8908	Level Transmitter, Filter No8A SN 1270008	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	8909	Level Transmitter, Filter No8B SN 12701026	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	8910	Level Transmitter, Filter No9A SN 12639659	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	9107	Level Transmitter, Filter No9B SN 12701018	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	210010	Level Meter, Hydrofluorosilicic Acid Storage Tank No. 2 Transmitter SN 12622689	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	102004	Level Transmitter, Hydrofluorosilicic Acid Storage Tank No1 SN 12652315	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	12909	Level Transmitter, Hydrofluorosilicic Acid Storage Tank No2	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	102001	VEGA Level Transmitter for Ferric Chloride Day Tank SN 12701590	INSTRUMENTATION	OHMART	
LFP	20062	Level Transmitter, Lanier Mountain Tanks and Booster Station, Tank No2 SN 10010843	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	125157	Level Transmitter, Raw Water Pump Room, East Wet Well SN 26215807	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	125158	Level Transmitter, Raw Water Pump Room, West Wet Well SN 25480257	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	125166	Level Transmitter, Raw Water Pump Room, Lake SN 12714345	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	126027	Level Transmitter, Backwash Equalization Basin No2 SN PS65.UXMNPHVNXX	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	110017	Level Transmitter, Raw Water Diversion Building SN 19513282	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	20065	Level Transmitter, Raw Water Reservoir, East SN 12701022	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	20066	Level Transmitter, Raw Water Reservoir, West SN 12701024	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	3711	Level Transmitter, Recycle Pump Station, Recycle Basin No2 SN 10010139	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	292504	Transmitter, Chemical Building Lime Slurry Tanks, Tank No1 Depth	INSTRUMENTATION	OHMART	
LFP	292505	Transmitter, Chemical Building Lime Slurry Tanks, Tank No2 Depth	INSTRUMENTATION	OHMART	
LFP	20060	Level Transmitter, Norcross Tank and Booster Station, Tank SN 10014377	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	1125-1-LIT	Level Meter, Ozone Contactor No1, Inlet Transmitter SN 12652404	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	1125-2-LIT	Level Meter, Ozone Contactor No2, Inlet Transmitter SN 12709383	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	12705-T	Level Transmitter, Orthophosphate Tank No1 SN 12713608	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	12707-T	Level Transmitter, Orthophosphate Tank No3 SN 25353852	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	1020-1-LIT	Level Meter, Raw Water Tank No1, Transmitter SN 12701591	MTR-LEVL(ULTRA)	OHMART	OLDCAST
LFP	12303	Level Transmitter, Gravity Thickener No2 SN 12652316	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	317000	Level Transmitter, Rockbridge Tank and Booster Station	MTR-LEVL(ULTRA)	OHMART	OHMART
LFP	12500	Level Transmitter, Clearwell No5 SN 12622691	MTR-LEVL(ULTRA)	OHMART/VEGA	OHMART
LFP	00049	TRANSMITTER, OFF GAS DESTRUCTION UNIT NO1, OUTLET PRESSURE	INSTRUMENTATION	ORANGE	
LFP	00050	TRANSMITTER, OFF GAS DESTRUCTION UNIT NO1, OUTLET DIFFERENTIAL PRESSURE	INSTRUMENTATION	ORANGE	
LFP	GEN01-GIP1	Instrumentation Panel, Ozone Generator No1	INSTRUMENTATION	OZNIANAME	OZNIANAME
LFP	GEN02-GIP2	Instrumentation Panel, Ozone Generator No2	INSTRUMENTATION	OZNIANAME	OZNIANAME

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	GEN03-GIP3	Instrumentation Panel, Ozone Generator No3	INSTRUMENTATION	OZNIANAME	OZNIANAME
LFP	0001716	Temperature Sensor, Backwash Pumps, Heat Trace	MTR-TEMP	PENTAIR	
LFP	0001567	Temperature Sensor, Backwash Equalization Pump No1	MTR-TEMP	PENTAIR	
LFP	0001568	Temperature Sensor, Backwash Equalization Pump No2	MTR-TEMP	PENTAIR	
LFP	0001569	Temperature Sensor, Backwash Equalization Pump No3	MTR-TEMP	PENTAIR	
LFP	0001570	Temperature Sensor, Backwash Equalization Pump No4	MTR-TEMP	PENTAIR	
LFP	0001909	Temperature Meter, Lanier Surge Tank, No2	MTR-TEMP	PENTAIR	
LFP	0001724	Temperature Sensor, Lime Storage Tank No1, No1	MTR-TEMP	PENTAIR	
LFP	0001726	Temperature Sensor, Lime Slurry Tank No2, No1	MTR-TEMP	PENTAIR	
LFP	501242	Jar Caster, Filtration Lab	INSTRUMENTATION	PHIPPS & BIRD	
LFP	5411	Vibration Transducer, Central High Service Pump No1, No1	INSTRUMENTATION	PMC/BETA	PROCESSACCE
LFP	1142105	GAS DETECTOR, OZONE LAB, PORTASENS II SENSOR MODULE CHLORINE	GAS DETECTOR	PORTASENS	PORTASENS
LFP	1142102	PORTASENS II SENSOR MODULE - CHLORINE	INSTRUMENTATION	PORTASENS	PORTASENS
LFP	1142106	OZONE DETECTOR, OZONE LAB, PORTASENS II SENSOR MODULE NO2	INSTRUMENTATION	PORTASENS	PORTASENS
LFP	1142107	OZONE DETECTOR, OZONE LAB, PORTASENS II SENSOR MODULE NO1	INSTRUMENTATION	PORTASENS	PORTASENS
LFP	1142108	OZONE DETECTOR, OZONE LAB, PORTASENS II SENSOR MODULE NO3	INSTRUMENTATION	PORTASENS	PORTASENS
LFP	1142103	GAS DETECTOR, OZONE BUILDING LABORATORY, MODULE NO2	GAS DETECTOR	PORTASENS	PORTASENS
LFP	1142104	PORTASENS II SENSOR MODULE - OZONE	INSTRUMENTATION	PORTASENS	PORTASENS
LFP	111091	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Substation Feeder No2 Feeds Ozone SSF HVSG No2	INSTRUMENTATION	POWLOGIC	
LFP	111093	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Substation Feeder No2 Feeds Ozone SSF HVSG No2	INSTRUMENTATION	POWLOGIC	
LFP	111098	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, TX-EQ New Equalization Building Side No2	INSTRUMENTATION	POWLOGIC	
LFP	111099	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, TX-EQ New Equalization Building Side No2	INSTRUMENTATION	POWLOGIC	
LFP	111016	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, TX-EQ New Equalization Building Side No1	INSTRUMENTATION	POWLOGIC	
LFP	111019	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, TX-EQ New Equalization Building Side No1	INSTRUMENTATION	POWLOGIC	
LFP	111024	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Substation Feeder No1 Feeds Ozone SSF HVSG No1	INSTRUMENTATION	POWLOGIC	
LFP	111027	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Substation Feeder No1 Feeds Ozone SSF HVSG No1	INSTRUMENTATION	POWLOGIC	
LFP	111032	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Feeder 6B Feeds Admin Eq and Filter Building	INSTRUMENTATION	POWLOGIC	
LFP	111035	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Feeder 6B Feeds Admin Eq and Filter Building	INSTRUMENTATION	POWLOGIC	
LFP	111045	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Main 52-M1 T3	INSTRUMENTATION	POWLOGIC	
LFP	111047	Power Monitor, High Service Pump Station Plant High Voltage Switchgear, Main 52-M1 T3	INSTRUMENTATION	POWLOGIC	
LFP	111086	Power Monitor, High Service Pump Station Plant High Voltage Switchgear Feeder 6A Feeds Admin Eq and Filter Building No1	INSTRUMENTATION	POWLOGIC	POWLOGIC
LFP	317560	Level Meter, Grayson Tanks and Booster Station Tank No2, No103	MTR-LEVL(ULTRA)	PSITRONIX	
LFP	OZ-OIP	Instrumentation Panel, Oxygen Gas System	INSTRUMENTATION	RANSODYN CONTROLS	
LFP	0001755	Flow Meter, Lime Tanks	MTR-FLOW	RECORDALL	
LFP	0001473	Power Threader, Maintenance Building, No1	INSTRUMENTATION	RIGID	EMERSON
LFP	0001474	Power Threader, Maintenance Building, No2	INSTRUMENTATION	RIGID	EMERSON
LFP	22001	Monitor, Filtration Lab	INSTRUMENTATION	SAMSUNG	
LFP	20161	Level Transmitter, SIEMENS SN SPBDR7240002	MTR-LEVL(ULTRA)	SEIMENTS	SEIMENTS
LFP	10513	Scale Sensor, Chlorine Dock, Chlorine Cylinder No1 & No2	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10514	Scale Sensor, Chlorine Dock, Chlorine Cylinder No3 & No4	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10515	Scale Sensor, Chlorine Dock, Chlorine Cylinder No5 & No6	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10516	Scale Sensor, Chlorine Dock, Chlorine Cylinder No7 & No8	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10517	Scale Sensor, Chlorine Dock, Chlorine Cylinder No9 & No10	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10518	Scale Sensor, Chlorine Dock, Chlorine Cylinder No11 & No12	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10519	Scale Sensor, Chlorine Dock, Chlorine Cylinder No13 & No14	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	10520	Scale Sensor, Chlorine Dock, Chlorine Cylinder No15 & No16	INSTRUMENTATION	SENSORTRONICS	FORCEFLO
LFP	250001	TOC Analyzer, Ozone Lab	INSTRUMENTATION	SHIMADZU	
LFP	102480	LEVEL TRANSMITTER, POLYMER, Bulk Tank #1 PBD/L6110029	INSTRUMENTATION	SIEMENS	GLOBALCON
LFP	102500	LEVEL TRANSMITTER, POLYMER, Day Tank PBD/L6110031	INSTRUMENTATION	SIEMENS	GLOBALCON
LFP	9941	SCFP, ACID WASH TANK, LEVEL TRANSMITTER, CHEMICAL BUILDING	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	17002A-1	LEVEL TRANSMITTER, MAINTENANCE BUILDING EXTERIOR, CHEMICAL WASHDOWN WATER TANK ABOVEGROUND SN L8150168	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	501287R	Level Meter, Ferric Chloride Day Tank No2, Transmitter No1 SN PBD/J2130085	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	SCFP-FIL-BKW-2310-2-LIT	Level Meter, Filtration Backwash Well No2, Transmitter SN SPBD/J7170291	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	100053	METER, LEVEL, FILTER INLET CHANNEL NO1, TRANSMITTER, S PBD/NO070038	INSTRUMENTATION	SIEMENSIND	SIEMENSIND
LFP	5013121	SPARE Level Meter - SN - PBD/L3290211	MTR-LEVL(ULTRA)	SIEMENSIND	
LFP	100084	Level Transmitter Siemens Sitrans Probe LR	INSTRUMENTATION	SIEMENSIND	SIEMENSIND
LFP	3715	Level Transmitter, Recycle Pump Station, Recycle Basin No1 SN PBD/ F620217	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	12815-T	Level Transmitter, Chemical Building SCBA Storage Room, Polymer Storage Tank SN PBD/F4210009	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	9942	LEVEL TRANSMITTER, DEWATERING BUILDING LIME ROOM, JNB/N3030000035	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	9944	LEVEL TRANSMITTER, DEWATERING BUILDING LIME ROOM, 1426249890	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	12205-1	LEVEL TRANSMITTER, No1, PBD/M2190008	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND
LFP	100830	Level Transmitter, Preclarification Basins, Sludge Conditioning No2	MTR-LEVL(ULTRA)	SIEMENSIND	SIEMENSIND

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	100129	LEVEL INDICATOR, FLOW DIVERSION STRUCTURE	MTR-LEVL(ULTRA)	SIEMENS MILT	
LFP	9947	METER, LEVEL, 12702055, BACKWASH EQUALIZATION BASIN NO2	MTR-LEVL(ULTRA)	SIEMENSUSA	SIEMENSUSA
LFP	100157	Backwash Equalization Basin No2 SCFP	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	44931	Level Transmitter, Clearwell No2 SN PBD/H3160349	MTR-LEVL(ULTRA)	SIEMENSUSA	SIEMENSIND
LFP	LFP-FIW-FWS-CLW-5-TRN	TANK LEVEL TRANSMITTER, CLEARWELL No5 SN SPBD/K4200408	MTR-LEVL(ULTRA)	SIEMENSUSA	
LFP	111151	Cell Tester, Filtration Lab	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	914915	Level Transmitter, Ferric Chloride Day Tank SN	MTR-LEVL(ULTRA)	SIEMENSUSA	SIEMENSUSA
LFP	2070-3A-LIT3A-1	Level Meter, Filter No3A, Transmitter SN SPBD/P1130002	INSTRUMENTATION	SIEMENSUSA	PFLSALES
LFP	20703B-LIT3B-1	Level Meter, Filter No3B, Transmitter SN SPBD/LN070214	INSTRUMENTATION	SIEMENSUSA	PFLSALES
LFP	20704B-LIT4B-1	Level Meter, Filter No4B, Transmitter SN SPBD/LNO70213	INSTRUMENTATION	SIEMENSUSA	PFLSALES
LFP	2070-4A-LIT4A-1	Level Meter, Filter No4A, Transmitter SN SPBD/P4010014	INSTRUMENTATION	SIEMENSUSA	PFLSALES
LFP	2070-5A-LIT5A-01	Level Meter, Filter No5A, Transmitter	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	20705B-LIT5B-01	Level Meter, Filter No5B, Transmitter	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	2005-2-LIT-R	Level Meter, Filter Inlet Channel No2, Transmitter SN SPBD/K9130264	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	LFPPBX	Lanier Filter Plant, Telephone PBX, Main Hub	INSTRUMENTATION	SIEMENSUSA	
LFP	LFP-PRT-FLC-01-TRM	Level Transmitter, Siemens, Pretreatment Facility, Filter Building No1 Inlet SN 1HO210042	MTR-LEVL(ULTRA)	SIEMENSUSA	
LFP	LFP-PRT-FLC-02-TRM	LEVEL TRANSMITTER, PRETREATMENT FACILITY, FILTER BUILDING No2 INLET SN PBD/H9200053	MTR-LEVL(ULTRA)	SIEMENSUSA	
LFP	LFP-PRT-FLC-TRM	Transmitter, Flocculation Outlet, Siemens Channel Level Transmitter SN PDB/F32001	INSTRUMENTATION	SIEMENSUSA	
LFP	111150	Cell Tester, Maintenance Building Tool Room	INSTRUMENTATION	SIEMENSUSA	SIEMENSIND
LFP	100148	Level Meter, Slurry Lime Storage Tank, Transmitter SN SPBD/P9120518	MTR-LEVL(ULTRA)	SIEMENSUSA	PFLSALES
LFP	100164	LEVEL TRANSMITTER, POLYMER, Bulk Tank #2	INSTRUMENTATION	SIEMENSUSA	SIEMENSUSA
LFP	100159	Level Meter, SIEMENS, Transmitter SN PBD/P1210002	MTR-LEVL(ULTRA)	SIEMENSUSA	PFLSALES
LFP	SCFP-BFTWEB-TRM	Level Meter, Filter to Waste Equalization Basin, Transmitter SN SPBD/H3160359	MTR-LEVL(ULTRA)	SIEMENSUSA	
LFP	MTR00081	Meter Simpson Analog Multi Meter (Phillip Sharp)	INSTRUMENTATION	SIMPSONELEC	
LFP	0001575	Hose, Backwash Equalization Basin No1, No1	INSTRUMENTATION	STANG	
LFP	0001576	Hose, Backwash Equalization Basin No1, No2	INSTRUMENTATION	STANG	
LFP	0001577	Hose, Backwash Equalization Basin No2, No1	INSTRUMENTATION	STANG	
LFP	0001578	Hose, Backwash Equalization Basin No2, No2	INSTRUMENTATION	STANG	
LFP	0001477	Press, Maintenance Building	INSTRUMENTATION	STEELGRIP	
LFP	MTR00090	Meter Supco M-500 Megommeter (Leon Nance)	INSTRUMENTATION	SUPCO	
LFP	12706-T	Level Transmitter, Orthophosphate Tank No2 SN 24778-15 LE/LIT-7604	MTR-LEVL(ULTRA)	SYSTICCON	SYSTICCON
LFP	12708-T	Level Transmitter, Orthophosphate Tank No4 SN 24778-13 LE/LIT-7600	MTR-LEVL(ULTRA)	SYSTICCON	SYSTICCON
LFP	LFPPBXMA	Lanier Filter Plant, Telephone PBX, Music Adapter	INSTRUMENTATION	TELECOM	
LFP	LFPPBXMUSIC-ADAP	Lanier Filter Plant, Switch room, Music-on-hold Adapter	INSTRUMENTATION	TELECOM	
LFP	AIT-1229	Transmitter, Ozone Generator No2, Ozone Outlet	INSTRUMENTATION	TELEDYNE	TELEDYNE
LFP	AIT-1-4170	Monitor, Ozone Gas Destruct Units, High Outlet	INSTRUMENTATION	TELEDYNE	TELEDYNE
LFP	AIT-2-4170	Monitor, Ozone Gas Destruct Units, Low Outlet	INSTRUMENTATION	TELEDYNE	TELEDYNE
LFP	AEAIT1219	Transmitter, Ozone Generator No1, Outlet Ozone Concentration	INSTRUMENTATION	TELEDYNE	
LFP	AE/AIT1239	Transmitter, Ozone Generator No3, Outlet Ozone Concentration	INSTRUMENTATION	TELEDYNE	TELEDYNE
LFP	AIT-1275	Transmitter, Ozone Generators, Header Outlet	INSTRUMENTATION	TELEDYNE	TELEDYNE
LFP	SCFP-PSA-O2-MON	SCFP, Ozone Oxygen Monitor, Pilot Room	INSTRUMENTATION	TELEDYNE	
LFP	10578	GAS DETECTOR,TELEDYNE DETCON, S/N A0001JL4	GAS DETECTOR	TELEDYNE	TELEDYNE
LFP	0005	DOOR SENSOR, OZONE GENERATOR NO1, NO2	INSTRUMENTATION	TELEMECANIQUE	
LFP	0004	DOOR SENSOR, OZONE GENERATOR NO1, NO1	INSTRUMENTATION	TELEMECANIQUE	
LFP	00018	DOOR SENSOR, OZONE GENERATOR NO2, NO2	INSTRUMENTATION	TELEMECANIQUE	
LFP	00017	DOOR SENSOR, OZONE GENERATOR NO2, NO1	INSTRUMENTATION	TELEMECANIQUE	
LFP	00030	DOOR SENSOR, OZONE GENERATOR NO3, NO1	INSTRUMENTATION	TELEMECANIQUE	
LFP	00031	DOOR SENSOR, OZONE GENERATOR NO3, NO2	INSTRUMENTATION	TELEMECANIQUE	
LFP	501250	Scale, Filtration Lab, No1	INSTRUMENTATION	THERMOINC	
LFP	000602	Vortexer, Filtration Lab	INSTRUMENTATION	THERMOINC	
LFP	MTR00082	Meter Transmation Process Signal Generator (Phillip Sharp)	INSTRUMENTATION	TRANSMATION	
LFP	14305	Reservoir Fluid Level Gauge	LEVEL	USFILT	
LFP	LFPPBXPA-ADAP	Paging Adapter, Filter Building No1 Control Room, Telephone	INSTRUMENTATION	VALCOM	ADDSYS
LFP	S&SS1A-RA	Rotameter, Ozone Cooling System Sink and Sample Station No1A, Dissolved Ozone Sample No1-0	FLOW METER	WALLACET	
LFP	S&SS1A-RC	Rotameter, Ozone Cooling System Sink and Sample Station No1A, Dissolved Ozone Sample No1-2	FLOW METER	WALLACET	
LFP	S&SS1A-RE	Rotameter, Ozone Cooling System Sink and Sample Station No1A, Dissolved Ozone Sample No1-4	FLOW METER	WALLACET	
LFP	S&SS1B-RB	Rotameter, Ozone Contactor No1 Sink and Sample Station No1B, Dissolved Ozone Sample No1-1	FLOW METER	WALLACET	
LFP	S&SS1B-RD	Rotameter, Ozone Contactor No1 Sink and Sample Station No1B, Dissolved Ozone Sample No1-3	FLOW METER	WALLACET	
LFP	S&SS1B-RF	Rotameter, Ozone Contactor No1 Sink and Sample Station No1B, Dissolved Ozone Sample No1-5	FLOW METER	WALLACET	
LFP	S&SS2A-RA	Rotameter, Ozone Cooling System Sink and Sample Station No2A, Dissolved Ozone Sample No2-0	FLOW METER	WALLACET	
LFP	S&SS2A-RC	Rotameter, Ozone Cooling System Sink and Sample Station No2A, Dissolved Ozone Sample No2-2	FLOW METER	WALLACET	
LFP	S&SS2A-RE	Rotameter, Ozone Cooling System Sink and Sample Station No2A, Dissolved Ozone Sample No2-4	FLOW METER	WALLACET	

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
LFP	S&S2B-RB	Rotameter, Ozone Contactor No2 Sink and Sample Station No2B, Dissolved Ozone Sample No2-1	FLOW METER	WALLACET	
LFP	S&S2B-RD	Rotameter, Ozone Contactor No2 Sink and Sample Station No2B, Dissolved Ozone Sample No2-3	FLOW METER	WALLACET	
LFP	S&S2B-RF	Rotameter, Ozone Contactor No2 Sink and Sample Station No2B, Dissolved Ozone Sample No2-5	FLOW METER	WALLACET	
LFP	110254	Transmitter Annolog	INSTRUMENTATION	WEEDIND	GLOBALCON
LFP	110255	Receiver Annolog	INSTRUMENTATION	WEEDIND	GLOBALCON
LFP	0003	TEMPERATURE GAUGE, OZONE GENERATOR NO1, COOLING WATER INLET	MTR-TEMP	WEKSLER	NAINSTRU
LFP	00021	TEMPERATURE GAUGE, OZONE GENERATOR NO2, COOLING WATER INLET	MTR-TEMP	WEKSLER	NAINSTRU
LFP	00034	TEMPERATURE GAUGE, OZONE GENERATOR NO3, COOLING WATER INLET	MTR-TEMP	WEKSLER	
LFP	100144	Level Transmitter, WIKA, SN 1109NDRM	MTR-LEVL(ULTRA)	WIKA	NAINSTRU
LFP	20012-01	Wallace Road Discharge Pressure Transmitter, 0-100 PSI - "WIKA" Type	INSTRUMENTATION	WIKA	
LFP	501260	Wilton Drill Press, Maintenance Building	INSTRUMENTATION	WILTON	
PS	ARI-MTR-P-001	EFFLUENT FLOW METER	FLOW METER		
PS	ARI-MTR-P-004	FLOW METER, RECIRCULATION FAN, 757027-02-001	FLOW METER		
PS	ARI-LVL-MTR-P-002	TRANSMITTER/TRANSDUCER, WET WELL NO1	INSTRUMENTATION		
PS	ARI-LVL-MTR-P-003	TRANSMITTER/TRANSDUCER, WET WELL NO2	INSTRUMENTATION		
PS	ARR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BAF-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BRU-LVL-P-001	TRANSMITTER/TRANSDUCER, WETWELL NO1, L6009E01127	INSTRUMENTATION		
PS	BRU-LVL-P-002	TRANSMITTER/TRANSDUCER, WETWELL NO2, M8006601127	INSTRUMENTATION		
PS	BRU-LVL-P-003	LEVEL TRANSMITTER, SURGE TANK NO1 CONTROL PANEL	LEVEL		
PS	BRU-LVL-P-004	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	BRU-LVL-P-005	LEVEL TRANSMITTER, SURGE TANK NO2 CONTROL PANEL	LEVEL		
PS	BRU-LVL-P-006	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	BHT-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BES-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BMR-MTR-P-001	BERMUDA TO DEKALB, DEKALB COUNTY FLOWMETER	FLOW METER		
PS	BRR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BFC-LVL-P-001	LEVEL METER, CHEMICAL TANK, 1088?	LEVEL		
PS	BFC-LVL-P-002	LEVEL METER, CHEMICAL TANK, PBD/L5010011?	LEVEL		SIEMENSIND
PS	BFC-GAS-P-001	GAS MONITOR	GAS DETECTOR		MSA
PS	BLL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BMD-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BDS-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	BRK-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	CSF-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	CSW-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	CED-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	CNL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	CHH-MTR-P-001	FLOW METER	FLOW METER		
PS	DOC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	DCE-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	EPP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	ERQ-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	EMW-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	FBR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NFF-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	GNR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	GJM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	GRV-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	GRP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HMC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HDM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HTR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HOG-LVL-P-005	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	HGR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HOM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	HTC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	IDP-TDR-P-001	TRANSMITTER/ TRANSDUCER	INSTRUMENTATION		
PS	ILP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	ICR-LVL-P-001	LEVEL METER, BLEACH TANK	LEVEL		SIEMENSIND
PS	ICR-CHM-P-001	ANALYZER, CHEMICAL FEED	MTR-(CHEMSCAN)		
PS	ICR-CHM-P-002	ANALYZER, ODOR CONTROL SCRUBBER	MTR-(CHEMSCAN)		HACH

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
PS	ICR-CHM-P-003	ANALYZER, ODOR CONTROL SCRUBBER	MTR-(CHEMSCAN)		HACH
PS	ICR-CHM-P-004	ANALYZER, ODOR CONTROL SCRUBBER, 1510C0128910	MTR-(CHEMSCAN)		HACH
PS	ICR-SEN-P-001	RAIN SENSOR	INSTRUMENTATION		
PS	JHR-MTR-P-001	JOHAN ROAD TO DEKALB, DEKALB COUNTY FLOWMETER	FLOW METER		
PS	KNF-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	KNP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	LAC-TDR-P-001	TANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	LWV-MTR-P-001	LAWRENCEVILLE MS FLOW METER No1	FLOW METER		
PS	LCN-CHM-P-001	ANALYZER, ODOR CONTROL SCRUBBER, 1510C0133967	MTR-(CHEMSCAN)		HACH
PS	LCN-CHM-P-002	ANALYZER, ODOR CONTROL SCRUBBER, 1408C0137968	MTR-(CHEMSCAN)		HACH
PS	LCN-CHM-P-003	ANALYZER, ODOR CONTROL SCRUBBER, 1510C0125977	MTR-(CHEMSCAN)		HACH
PS	LCN-CHM-P-004	ANALYZER, ODOR CONTROL SCRUBBER, 1408C0118010	MTR-(CHEMSCAN)		HACH
PS	LIM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	MPC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	MNR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	MPA-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	MPP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	MUL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NHR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NBC-GAS-P-003	GAS MONITOR, E05-1782831-10-002	GAS DETECTOR		MSA
PS	NRA-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NCI-LVL-P-001	LEVEL METER, CHEMICAL TANK	LEVEL		
PS	NCI-GAS-P-001	GAS MONITOR	GAS DETECTOR		MSA
PS	NCI-SEN-P-001	RAIN SENSOR	INSTRUMENTATION		
PS	NCI-PRS-P-005	LEVEL TRANSMITTER, SURGE TANK	LEVEL		
PS	NCI-LVL-P-005	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	NCM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NWL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	OAR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	OFC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	OSR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	OZR-MTR-P-001	EFFLUENT FLOW METER	FLOW METER		
PS	PWD-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	PAT-LVL-P-005	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	PMH-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	PES-MTR-P-001	EFFLUENT FLOW METER	FLOW METER		
PS	PHL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	PRO-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	REG-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	RLC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	RPL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	RKB-MTR-P-001	ROCKBRIDGE ROAD MS TO DEKALB, DEKALB COUNTY FLOW METER	FLOW METER		
PS	RRY-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SAR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SEG-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SHR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SRW-LVL-P-003	SIGHT GAUGE, SURGE TANK	LEVEL		
PS	SHL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	STD-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SHP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SUW-LVL-P-002	LEVEL METER, CHEMICAL TANK	LEVEL		
PS	SUW-MTR-P-002	FLOW METER, CHEMICAL FEED	FLOW METER		
PS	SUW-LVL-P-003	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SUW-MTR-P-003	FLOW METER, ODOR CONTROL SCRUBBER	FLOW METER		
PS	SUW-TMP-P-01A	TEMPERATURE TRANSMITTER, PUMP NO1A, 0837778	MTR-TEMP		
PS	SUW-TMP-P-02A	TEMPERATURE TRANSMITTER, PUMP NO2A, 0837777	MTR-TEMP		
PS	SUW-TMP-P-03A	TEMPERATURE TRANSMITTER, PUMP NO3A, 0837779	MTR-TEMP		
PS	TER-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	OAL-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	TRC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SMC-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	SPR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
PS	TPM-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	TCR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	TRR-MTR-P-001	FLOW METER	FLOW METER		
PS	TWO-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	TVP-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	WMT-MTR-P-001	MAGMETER / EFFLUENT FLOW METER	FLOW METER		
PS	WMT-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	WHR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	WBR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION		
PS	NOL-TNK-LVL-P-001	LEVEL TRANSMITTER, SURGE TANK, UP21010000-R00-0*1318691	LEVEL	AMETEK	AMETEK
PS	BRU-TRN-P-063	TEMPERATURE TRANSMITTER, SURGE TANK AIR COMPRESSOR NO1, T387362	MTR-TEMP	ASCO	
PS	BRU-TRN-P-064	TEMPERATURE TRANSMITTER, SURGE TANK AIR COMPRESSOR NO1, T387362	MTR-TEMP	ASCO	
PS	BRU-TRN-P-065	TEMPERATURE TRANSMITTER, SURGE TANK AIR COMPRESSOR NO2, T394305	MTR-TEMP	ASCO	
PS	BRU-TRN-P-062	TEMPERATURE TRANSMITTER, SURGE TANK AIR COMPRESSOR NO2, T394305	MTR-TEMP	ASCO	
PS	HOG-SUR-TRN-P-001	LEVEL TRANSMITTER, SURGE TANK, PSFLT-B2S0E51	LEVEL	ASHCROFT	
PS	ICR-MTR-P-002	FLOW METER, CHEMICAL FEED	FLOW METER	BADGERMETER	
PS	NBC-MTR-P-003	FLOW METER, 219E00840	FLOW METER	BAYPROD	TELEDYNEISCO
PS	LBH-OES-P-001	TRANSMITTER/TRANSDUCER, SWITCHGEAR RELAY NO1, 748439	INSTRUMENTATION	BITRONICS	
PS	LBH-OES-P-002	TRANSMITTER/TRANSDUCER, SWITCHGEAR RELAY NO2, 748441	INSTRUMENTATION	BITRONICS	
PS	NBC-SEN-P-001	RAIN SENSOR	INSTRUMENTATION	CAMPBELLSCI	
PS	BRU-GAS-P-006	GAS MONITOR	GAS DETECTOR	DRAEGER	
PS	ICR-GAS-P-001	GAS MONITOR, ARTM-0256	GAS DETECTOR	DRAEGER	
PS	ICR-GAS-P-002	GAS MONITOR, ARTM-0131	GAS DETECTOR	DRAEGER	MSA
PS	ICR-GAS-P-003	GAS MONITOR, ERTM-0133	GAS DETECTOR	DRAEGER	
PS	ICR-GAS-P-004	GAS MONITOR, ERTM-0139	GAS DETECTOR	DRAEGER	
PS	NOL-LVL-P-003	SIGHT GAUGE, SURGE TANK, ADQ-004045	LEVEL	DREXELBROOK	
PS	BRU-MAG-P-009	FLOW METER, 12030809	FLOW METER	ELDRIDGE	
PS	APR-MTR-OC-P-001	FLOW METER, AIR, ODOR CONTROL SCRUBBER	FLOW METER	FLUIDCOMPO	GLOBALCON
PS	LBH-MTR-P-003	FLOW METER, ODOR CONTROL SCRUBBER NO1, 288170-A	FLOW METER	FLUIDCOMPO	
PS	LBH-MTR-P-004	FLOW METER, ODOR CONTROL SCRUBBER NO2, 286169-A	FLOW METER	FLUIDCOMPO	
PS	NBC-MTR-P-005	FLOW METER, ODOR CONTROL SCRUBBER	FLOW METER	FLUIDCOMPO	
PS	NCI-MTR-P-002	FLOW METER, ODOR CONTROL SCRUBBER	FLOW METER	FLUIDCOMPO	
PS	WCC-MVT-P-001	THERMAL DISPERSION FLOW METER, 478530	FLOW METER	FLUIDCOMPO	GLOBALCON
PS	DVR-TDR-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION	FLYGHY	XYLEM
PS	TLS-LVL-P-001	TRANSMITTER/TRANSDUCER, WET WELL NO1	INSTRUMENTATION	FLYGTITT	
PS	TLS-LVL-P-002	TRANSMITTER/TRANSDUCER, WET WELL NO2	INSTRUMENTATION	FLYGTITT	
PS	TLS-FLT-MTR-P-001	FLOW METER, ODOR CONTROL SCRUBBER, 659871	FLOW METER	FLYGTITT	
PS	LCN-LVL-P-002	LEVEL METER, BLEACH TANK	LEVEL	GARRISON	
PS	ARI-MTR-P-003	FLOW METER, 109983	FLOW METER	GENELEC	
PS	ARI-MTR-P-002	FLOW METER, 109983	FLOW METER	GENELEC	
PS	SUW-MTR-P-001	FLOW METER	FLOW METER	GENELEC	
PS	BFC-TDR-P-001	TRANSMITTER/TRANSDUCER, INLET WET WELL	INSTRUMENTATION	GLOBALCTR	GLOBALCTR
PS	BFC-TDR-P-002	TRANSMITTER/TRANSDUCER, GRINDER WET WELL	INSTRUMENTATION	GLOBALCTR	GLOBALCTR
PS	BFC-TDR-P-003	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION	GLOBALCTR	GLOBALCTR
PS	BRU-GAS-P-003	GAS METER, AIR HANDLING UNIT, 3235451	GAS DETECTOR	HONEYWELL	
PS	LBH-SEN-P-001	RAIN SENSOR	INSTRUMENTATION	HUNTER	
PS	ARI-SUR-TRN-P-001	LEVEL TRANSMITTER, SURGE TANK, 16525419	LEVEL	INVENSYS	
PS	HOG-SUR-LVL-IND	LEVEL TRANSMITTER, SURGE TANK	LEVEL	INVENSYS	
PS	BRU-MTR-P-003	ROTOMETER, ODOR CONTROL SCRUBBER NO1	FLOW METER	KINGINS	
PS	BRU-MTR-P-005	ROTOMETER, ODOR CONTROL SCRUBBER NO2	FLOW METER	KINGINS	
PS	BRU-MTR-P-006	ROTOMETER, ODOR CONTROL SCRUBBER NO3	FLOW METER	KINGINS	
PS	LBH-MTR-P-005	ROTAMATER, ODOR CONTROL SCRUBBER NO1	FLOW METER	KINGINSTRU	
PS	LBH-MTR-P-006	ROTAMATER, ODOR CONTROL SCRUBBER NO2	FLOW METER	KINGINSTRU	
PS	BRU-TRN-P-060	LEVEL METER, CHEMICAL TANK	LEVEL	MILLTRONICS	
PS	ICR-LVL-P-003	LEVEL METER, CAUSTIC TANK	LEVEL	MILLTRONICS	SIEMENSIND
PS	LCN-LVL-P-001	LEVEL METER, MAGNESIUM HYDROXIDE TANK	LEVEL	MILLTRONICS	SIEMENSIND
PS	LCN-LVL-P-004	LEVEL METER, CAUSTIC TANK	LEVEL	MILLTRONICS	SIEMENSIND
PS	LCN-LVL-P-007	LEVEL METER, SODIUM HYPOCHLORITE TANK	LEVEL	MILLTRONICS	SIEMENSIND
PS	NBC-MTR-P-004	FLOW METER, CHEMICAL FEED	FLOW METER	MILLTRONICS	SIEMENSIND
PS	BRU-TRN-P-067	TEMPERATURE TRANSMITTER, GENERATOR	MTR-TEMP	MINCO	
PS	BRU-TRN-P-066	TEMPERATURE TRANSMITTER, GENERATOR	MTR-TEMP	MINCO	
PS	APR-GAS-P-001	GAS MONITOR, 001000016B0133	GAS DETECTOR	MSA	GLOBALCON

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
PS	APR-GAS-SNS-P-001	GAS MONITOR, SENSOR, 90220600700	GAS DETECTOR	MSA	GLOBALCON
PS	BRU-GAS-P-007	GAS MONITOR	GAS DETECTOR	MSA	
PS	BRR-GAS-P-001	GAS MONITOR	GAS DETECTOR	MSA	
PS	BRD-GAS-P-001	GAS MONITOR, J21-402288164-10-001	GAS DETECTOR	MSA	MSA
PS	BRD-GAS-P-002	GAS MONITOR, J21-402288164-10-002	GAS DETECTOR	MSA	MSA
PS	CSW-GAS-P-001	GAS MONITOR, J13-4482870-10-002	GAS DETECTOR	MSA	
PS	LCN-GAS-P-001	GAS MONITOR, F06-2140101-30-001	GAS DETECTOR	MSA	MSA
PS	LBH-GAS-P-001	GAS MONITOR, J10-3552254-10-001	GAS DETECTOR	MSA	MSA
PS	MNR-GAS-P-001	GAS MONITOR, J13-4482870-10-003	GAS DETECTOR	MSA	
PS	NBC-GAS-P-001	GAS MONITOR, E05-1782831-10-001	GAS DETECTOR	MSA	MSA
PS	NOL-GAS-P-001	GAS MONITOR, A13-4208741-10-001	GAS DETECTOR	MSA	MSA
PS	PAT-GAS-P-001	GAS MONITOR, I07-2574102-10-001	GAS DETECTOR	MSA	MSA
PS	PAT-GAS-P-002	GAS MONITOR, I07-2574102-20-001	GAS DETECTOR	MSA	MSA
PS	SUW-GAS-P-001	GAS MONITOR, 10043264	GAS DETECTOR	MSA	MSA
PS	NPC-SEN-P-001	RAIN SENSOR	INSTRUMENTATION	NOVALYNX	
PS	JCT-FLT-MTR-P-001	BIOFILTER AIR FLOW METER, E00006105	FLOW METER	NYBLOWER	
PS	WCC-TRN-P-001	TRANSMITTER/TRANSDUCER, WET WELL	INSTRUMENTATION	OMEGAENGG	GLOBALCTR
PS	LBH-GAS-P-002	GAS MONITOR, 28 67 33 5	GAS DETECTOR	PHNIXCONTACT	
PS	SUW-LVL-P-001	LEVEL METER, CHEMICAL TANK, PULSAR	LEVEL	PULSAR	
PS	PAT-LVL-P-004	LEVEL TRANSMITTER, SURGE TANK	LEVEL	SCHNEIDER	
PS	SRW-LVL-P-002	LEVEL TRANSMITTER, SURGE TANK	LEVEL	SCHNEIDER	
PS	ARI-SUR-LVL-IND	SIGHT GAUGE, SURGE TANK	LEVEL	SURESITE	
PS	BRB-SUR-LVL-IND	SIGHT GAUGE, SURGE TANK, 177479	LEVEL	SURESITE	
PS	EH1-GAS-P-001	GAS MONITOR, H17-400900345-10-001	GAS DETECTOR	ULTIMA	
YR	BRB-LDO-AIR-Y-001	Biological Reactor Basin No.1 DO Air Blast System No. 1	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-002	Biological Reactor Basin No.1 DO Air Blast System No. 2	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-003	Biological Reactor Basin No.1 DO Air Blast System No. 3	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-004	Biological Reactor Basin No.1 DO Air Blast System No. 4	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-005	Biological Reactor Basin No.2 DO Air Blast System No. 1	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-006	Biological Reactor Basin No.2 DO Air Blast System No. 2	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-007	Biological Reactor Basin No.2 DO Air Blast System No. 3	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-008	Biological Reactor Basin No.2 DO Air Blast System No. 4	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-009	Biological Reactor Basin No.3 DO Air Blast System No. 1	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-010	Biological Reactor Basin No.3 DO Air Blast System No. 2	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-011	Biological Reactor Basin No.3 DO Air Blast System No. 3	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-012	Biological Reactor Basin No.3 DO Air Blast System No. 4	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-013	Biological Reactor Basin No.4 DO Air Blast System No. 1	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-014	Biological Reactor Basin No.4 DO Air Blast System No. 2	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-015	Biological Reactor Basin No.4 DO Air Blast System No. 3	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-016	Biological Reactor Basin No.4 DO Air Blast System No. 4	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-017	Biological Reactor Basin No.5 DO Air Blast System No. 1	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-018	Biological Reactor Basin No.5 DO Air Blast System No. 2	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-019	Biological Reactor Basin No.5 DO Air Blast System No. 3	INSTRUMENTATION		PIZZAGALLI
YR	BRB-LDO-AIR-Y-020	Biological Reactor Basin No.5 DO Air Blast System No. 4	INSTRUMENTATION		PIZZAGALLI
YR	IPS-DET-005	IPS High level Indicator No. 1	INSTRUMENTATION		
YR	MBR-CFS-STK-UTS-LVL-Y-002	MBR Citric Acid Storage Tank Ultrasonic Level	LEVEL		
YR	POC-BFS-STK-DET-Y-001	POC Bleach Bulk Storage Tank Detector No. 1	LEVEL		
YR	POC-BFS-STK-DET-Y-002	POC Bleach Bulk Storage Tank Detector No. 2	LEVEL		
YR	POC-CAU-STK-DET-Y-001	POC Caustic Bulk Storage Tank Detector No. 1	LEVEL		
YR	PRI-DET-Y-021	PPT Petroleum Detector No. 21	DETECTOR-PETR		
YR	PRI-DET-Y-022	PPT Petroleum Detector No. 22	DETECTOR-PETR		
YR	PRI-DET-Y-011	PPT Methane Detector No. 11	GAS MONTR-METH		
YR	PRI-DET-Y-012	PPT Methane Detector No. 12	GAS MONTR-METH		
YR	PRI-DET-Y-018	PPT-Hydrogen Sulfide Detector No. 18	GAS-H2S		
YR	PRI-DET-Y-013	PPT Methane Detector No. 13	GAS MONTR-METH		
YR	PRI-DET-Y-020	PPT-Hydrogen Sulfide Detector No. 20	GAS-H2S		
YR	PRI-DET-Y-001	PPT Methane Detector No. 1	GAS MONTR-METH		
YR	PRI-DET-Y-009	PPT Methane Detector No. 9	GAS MONTR-METH		
YR	PRI-DET-Y-010	PPT Methane Detector No. 10	GAS MONTR-METH		
YR	PRI-DET-Y-014	PPT-Hydrogen Sulfide Detector No. 14	GAS-H2S		
YR	PRI-DET-Y-017	PPT-Hydrogen Sulfide Detector No. 17	GAS-H2S		
YR	PRI-DET-Y-019	PPT-Hydrogen Sulfide Detector No. 19	GAS-H2S		

**APPENDIX B - ITEMIZED INSTRUMENTATION LIST**

Site ID	Asset Number	Asset Description	Asset Type	Manufacturer	Vendor
YR	PRE-DET-Y-003	PPT Methane Detector No. 3	GAS MONTR-METH		
YR	PRE-DET-Y-004	PPT Methane Detector No. 4	GAS MONTR-METH		
YR	POC-MSB-VCP-MTR-Y-001	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	POC-MSB-VCP-MTR-Y-001A	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	POC-MSB-VCP-MTR-Y-002	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	POC-MSB-VCP-MTR-Y-003	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	POC-MSB-VCP-MTR-Y-001B	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	POC-MSB-VCP-MTR-Y-004	POC Flow Indicator	FLOW METER	BROOKSINSTRU	
YR	BRB-OPT-AMN-ANL-Y-005	BRB Ortho Phosphate and Ammonia Analyzer No. 5	INSTRUMENTATION	CHEMSCAN	INVENSYS
YR	EQ-EOC-STK-CNP-DET-Y-001	Equalization Storage Tank No. 1 Combustible Gas Detector No. 1	GAS DETECTOR	DRAEGER	
YR	EQ-EOC-STK-CNP-DET-Y-002	Equalization Storage Tank No. 1 Petroleum Detector No. 1	GAS DETECTOR	DRAEGER	
YR	EQ-EOC-STK-CNP-DET-Y-003	Equalization Storage Tank No. 2 Combustible Gas Detector No. 1	GAS DETECTOR	DRAEGER	
YR	EQ-EOC-STK-CNP-DET-Y-004	Equalization Storage Tank No. 2 Petroleum Detector No. 1	GAS DETECTOR	DRAEGER	
YR	EQ-EOC-STK-CNP-DET-Y-002	Equalization Storage Tank No. 1 Petroleum Detector No. 1	GAS DETECTOR	DRAEGER	
YR	FSL-FSC-SCR-DET-Y-001	FSL Drum Room H2S Gas Detector No.1	GAS DETECTOR	DRAEGER	
YR	FSL-FSC-SCR-DET-Y-002	FSL Drum Room Gas Detector - Methane No.2	GAS MONTR-METH	DRAEGER	
YR	FSL-FSC-SCR-DET-Y-004	FSL Drum Room H2S Gas Detector No. 4	GAS DETECTOR	DRAEGER	
YR	IPS-DET-001	IPS Gas Detector-Petroleum	GAS DETECTOR	DRAEGER	
YR	IPS-DET-002	IPS Gas Detector-Methane	GAS MONTR-METH	DRAEGER	
YR	IPS-DET-003	IPS Gas Detector	GAS DETECTOR	DRAEGER	
YR	IPS-DET-004	IPS Gas Detector	GAS DETECTOR	DRAEGER	
YR	POC-MSB-CNP-DET-Y-001	POC Draeger Polytron IR 334 - Petroleum	DETECTOR-PETR	DRAEGER	
YR	POC-MSB-CNP-DET-Y-003	POC Draeger Polytron IR 334 - Petroleum	DETECTOR-PETR	DRAEGER	
YR	PRE-CSC-DET-Y-015	PPT Methane Detector No. 15	GAS MONTR-METH	DRAEGER	
YR	PRE-CSC-DET-Y-016	PPT Methane Detector No. 16	GAS MONTR-METH	DRAEGER	
YR	PRI-DET-Y-005	PPT Methane Detector No. 5	GAS MONTR-METH	DRAEGER	
YR	PRI-DET-Y-006	PPT Methane Detector No. 6	GAS MONTR-METH	DRAEGER	
YR	PRI-DET-Y-007	PPT Methane Detector No. 7	GAS MONTR-METH	DRAEGER	
YR	PRI-DET-Y-008	PPT Methane Detector No. 8	GAS MONTR-METH	DRAEGER	
YR	TSP-DET-Y-001	TSP Combustible Gas Detector	GAS DETECTOR	DRAEGER	PIZZAGALLI
YR	MBR-BKP-HCP-MAG-MTR-Y-002	MBR Back Pulse Pump No. 2 Mag Flow Meter	FLOW METER	GENELEC	KROHNEINC
YR	MBR-BKP-HCP-MAG-MTR-Y-001	MBR Back Pulse Pump No. 1 Mag Flow Meter	FLOW METER	GENELEC	KROHNEINC
YR	IPS-TDR-Y-001A	IPS Transducer	LEVEL	PRECIDIGI	
YR	IPS-TDR-Y-001B	IPS Transducer	LEVEL	PRECIDIGI	
YR	IPS-TDR-Y-002	IPS Transducer	LEVEL	PRECIDIGI	
YR	IPS-TDR-Y-001	IPS Transducer	LEVEL	PRECIDIGI	
YR	POC-ALM-STK-TDR-Y-001	POC Ultrasonic Level Transducer	LEVEL	PRECIDIGI	INVENSYS
YR	POC-ALM-STK-TDR-Y-002	POC Ultrasonic Level Transducer	LEVEL	PRECIDIGI	INVENSYS
YR	TSP-ADR-Y-001	TSP Auto Dialer (Alarm Annunciation)	INSTRUMENTATION	RACO	PIZZAGALLI
YR	RAS FLOW	Flow Meter RAS Flume MultiRanger 100	MTR-FLOW	SIEMENSMLT	MACTEK
YR	EFF FLOW	Flow Meter Effluent Flume Multiranger 100	MTR-FLOW	SIEMENSMLT	MACTEK
YR	BRB-SCS-TDR-Y-001	BRB Rotating Scum Collector No.1A Transducer	INSTRUMENTATION	SIEMENSUSA	INVENSYS
YR	BRB-SCS-TDR-Y-002	BRB Rotating Scum Collector No.2A Transducer	INSTRUMENTATION	SIEMENSUSA	INVENSYS
YR	BRB-SCS-TDR-Y-003	BRB Rotating Scum Collector No.3A Transducer	INSTRUMENTATION	SIEMENSUSA	INVENSYS
YR	BRB-SCS-TDR-Y-004	BRB Rotating Scum Collector No.4A Transducer	INSTRUMENTATION	SIEMENSUSA	INVENSYS
YR	BRB-SCS-TDR-Y-005	BRB Rotating Scum Collector No.5A Transducer	INSTRUMENTATION	SIEMENSUSA	INVENSYS
YR	FSL-FSC-SCR-TDR-Y-001	Fine Screen Ultrasonic Level Transducer No. 1	LEVEL	SIEMENSUSA	
YR	FSL-FSC-SCR-TDR-Y-002	Fine Screen Ultrasonic Level Transducer No. 2	LEVEL	SIEMENSUSA	
YR	FSL-FSC-SCR-TDR-Y-003	Fine Screen Ultrasonic Level Transducer No. 3	LEVEL	SIEMENSUSA	
YR	FSL-FSC-SCR-TDR-Y-004	Fine Screen Ultrasonic Level Transducer No. 4	LEVEL	SIEMENSUSA	
YR	MBR-ELE-LVG-BRK-Y-019	MBR Main Metering	FLOW METER	SIEMENSUSA	SIEMENSUSA
YR	MBR-CFS-STK-UTS-LVL-Y-001	MBR Bleach Storage Tank Ultrasonic Level	LEVEL	SIEMENSUSA	INVENSYS
YR	MBR-TNK-MEB-UTS-LVL-TDR-Y-001	MBR Tank No. 1 Ultrasonic Level Transducer & Display	LEVEL	SIEMENSUSA	INVENSYS
YR	MBR-TNK-MEB-UTS-LVL-TDR-Y-010	MBR Tank No. 10 Ultrasonic Level Transducer & Display	LEVEL	SIEMENSUSA	INVENSYS
YR	PRI-TDR-Y-004	PPT MultiRanger 100 Transducer (Single Point Unit) No. 4	LEVEL	SIEMENSUSA	
YR	PRI-TDR-Y-003	PPT MultiRanger 100 Transducer (Single Point Unit) No. 3	LEVEL	SIEMENSUSA	
YR	PRE-CSC-TDR-Y-001	PPT MultiRanger 200 Transducer (Dual Point Unit) No. 1	LEVEL	SIEMENSUSA	
YR	PRE-CSC-TDR-Y-005	PPT MultiRanger 100 Transducer (Single Point Unit) No. 5	LEVEL	SIEMENSUSA	
YR	PRE-CSC-TDR-Y-006	PPT MultiRanger 100 Transducer (Single Point Unit) No. 6	LEVEL	SIEMENSUSA	
YR	PRE-CSC-TDR-Y-002	PPT MultiRanger 200 Transducer (Dual Point Unit) No. 2	LEVEL	SIEMENSUSA	