



#### ADDENDUM No. 1

ITB No.	21-014
ITB TITLE:	Wastewater Treatment Plant Equipment and Parts
ISSUE DATE:	June 3, 2021

**To all potential bidders:**

This Addendum is being issued to amend and or clarify certain information contained in the above named ITB. All information contained herein is binding on all Bidders who respond to this ITB. The following are changes and or modifications:

**1. REVISE SECTION A, CLAUSE 4 (Preparation and Submission of Bids), PARAGRAPH 3, TO READ:**

One (1) fully completed Bid Form with longhand signature, one (1) set of sheet(s) from Attachment A for items bid; one (1) electronic copy of Bidder's catalog that list line of products offered, product specifications, detailed information such as brochures that lists a series of products and services offered by the bidder, etc.; and listed manufacturer pricing and/or catalog pricing for the products offered shall be submitted on a Universal Serial Bus (USB) flash drive in a sealed envelope or package no later than the date and time specified in the Invitation to Bid referenced above. Electronic files must be in MS Word, Adobe Acrobat, or Excel format.

**2. ATTACHED IS THE REVISED ATTACHMENT A – PRICING SHEET.**

**3. ATTACHED IS THE ALEX RENEW PLANT SITE PLAN WITH INDEX TO ALL FACILITIES.**

**4. ATTACHED IS THE PROCESS SCHEMATIC LISTING PUMPS AND UNIT PROCESS CAPACITIES.**

**5. ATTACHED IS THE DETAILED LISTING OF PARTS AND EQUIPMENT USED FOR THE PLANT.**

**6. ATTACHED IS AN EXCERPT FROM PROPOSED FY22 (CAPITAL IMPROVEMENT PLAN) CIP , A SUMMARY TABLE SHOWING ALL PLANNED INVESTMENTS.**

**7. ATTACHED IS THE DRAFT FY22 IMPROVEMENT, RENEWAL AND REPLACEMENT (IRR) PLAN – A SUMMARY TABLE SHOWING SPECIFIC PROJECTS PLANNED FOR REPAIR AND/OR REPLACEMENTS OF EQUIPMENT AT THE PLANT AND ASSOCIATED BUDGETS. NOTE THAT THE BUDGETS SHOWN ARE PRELIMINARY AND REPRESENT TOTAL CAPITAL COSTS, NOT PARTS AND EQUIPMENT COSTS ONLY (WHICH IS A SUBSET). UPDATES TO THIS LIST ARE LIKELY AS ALEXRENEW NEEDS AND PRIORITIES EVOLVE.**

**8. ATTACHED IS SIGN-IN SHEET FOR THE PREBID MEETING.**

**ALL OTHER SPECIFICATIONS, TERMS AND CONDITIONS REMAIN THE SAME.**

**Acknowledgement**

Name of the Firm:
Signature/Title:
Date:

**IMPORTANT NOTES:**

Bidders may bid on one (1) or more Product Lines. Submit completed sheets only for items included in your firm's bid. All bids shall be accompanied with a USB containing product catalogs and brochures per the requirements of this solicitation. Attach additional sheets if necessary to explain the types of discount and additional goods and services offered.

**1. Flygt submersible propeller pumps, submersible mixers along with parts, accessories and necessary consumables manufactured by Xylem**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Replacement Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>DAYS AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR NON-STOCKED ITEMS	<b>DAYS AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR SPECIALTY ITEMS	<b>DAYS AFTER RECEIPT OF ORDER</b>		
<b>CONTACT PERSON FOR PLACING ORDERS</b>	<b>NAME</b>	<b>TELEPHONE</b>	<b>EMAIL ADDRESS</b>
<b>EMERGENCY CONTACT:</b> (THE PHONE MUST BE ANSWERED BY A LIVE PERSON 24 HOURS/7 DAYS A WEEK)			

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**NAME OF AND TITLE BIDDER'S REPRESENTATIVE**

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**2. Flow control products encompassing valves, actuators, gearboxes, control systems, instrumentation along with parts, accessories and necessary consumables manufactured by Rotork.**

Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for Parts		%
Discount Rate for Consumables		%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**3. Sludge And Dewatering Pumps along with parts, accessories and necessary consumables Manufactured By Seepex**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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**4. Peristaltic pumps and related parts and accessories manufactured by Watson Marlow/Bredel.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**5. Diaphragm pumps along with related parts and accessories manufactured by Milton Roy.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**6. Valves along with related parts, consumables and accessories manufactured by RW Gate Company.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**7. Water control gates, valves along with related parts, consumables, and accessories manufactured by Rodney Hunt Gate Company.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**8. Heavy duty stop logs, along with related parts, consumables and accessories manufactured by Plasti-Fab, Inc.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

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**9. Fixed gas detectors, along with related parts and accessories manufactured by MSA Company.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**10. Diffused aeration equipment along with related parts, consumables and accessories manufactured by Sanitaire.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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**11. Aluminum covers along with related parts, consumables and accessories manufactured by Hallsten.**

Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for Parts		%
Discount Rate for Consumables		%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>

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**12. Instrumentations, switchgears and miscellaneous electric gears manufactured by Square D.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**13. Instrumentations, switchgears and miscellaneous electric gears manufactured by Eaton.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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**14. UV bulbs, accessories, parts and consumables for Trojan Manufactured System.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

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**15. Compressors, along with parts, related consumables and accessories manufactured by Gardner-Denver.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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**16. Goulds Water Technology – centrifugal ANSI, chemical, nonmetallic, sealless magnetic drives, split case, vertical turbine, self-priming, low flow pumps along with parts, consumables, and accessories.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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**17. Moyno manufactured cavity, positive displacement, and sludge pumps for processing of wastewater treatment, along with associated parts, consumables and accessories.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

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**18. Tubing, fittings, hoses, lab equipment and supplies, heating and cooling equipment, pumps, water quality products, flow meters, etc. Manufactured by Cole-Parmer.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

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**19. Biogas safety equipment for digesters, parts, accessories and consumables, etc. manufactured by Groth Corporation.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**20. Tank chains, sprockets and flights along with parts, accessories and consumables, etc. manufactured by Brentwood's Polychem Division.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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EMERGENCY CONTACT: (THE PHONE MUST BE ANSWERED BY A LIVE PERSON 24 HOURS/7 DAYS A WEEK)			

NAME OF AND TITLE BIDDER'S REPRESENTATIVE

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DATE

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**21. Gearboxes along with parts, accessories and consumables, etc. manufactured by Abb\ Dodge.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR SPECIALTY ITEMS	DAYS AFTER RECEIPT OF ORDER		
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**22. Gearboxes along with parts, accessories and consumables, etc. manufactured by Nord Drive Systems.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR SPECIALTY ITEMS	DAYS AFTER RECEIPT OF ORDER		
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**23. Submersible pumps along with parts, accessories and consumables, etc. manufactured by Yeomans Chicago Corporation.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
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**24. Actuators along with parts, accessories and consumables, etc. manufactured by Harold Beck & Sons.**

Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for Parts		%
Discount Rate for Consumables		%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR SPECIALTY ITEMS	<b>DAYS AFTER RECEIPT OF ORDER</b>		
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**25. Chemical pumps along with parts, accessories and consumables, etc. manufactured by Pulsafeeder.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**26. Chemical pumps along with parts, accessories and consumables, etc. manufactured by Neptune Chemical Company.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**Revised Attachment A-Pricing Sheet Contd.**



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**27. Digester gas boosters, plant air compressors along with parts, accessories and consumables, etc. manufactured by SIHI.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**28. Hydromatic explosion proof sump pumps along with parts, accessories and consumables, etc. manufactured by Pentair.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**29. Prepast Tank Mixers and gearboxes along with parts, accessories and consumables, etc. manufactured by Philadelphia Mixing Solutions.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>No</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**30. Prepaid feed pumps and polymer feed pumps along with parts, accessories and consumables, etc. manufactured by Seepex, Inc.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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Revised Attachment A-Pricing Sheet Contd.

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**31. Gearboxes along with parts, accessories and consumables, etc. manufactured by Sew Eurodrive.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>No</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**32. Falk gearboxes along with parts, accessories and consumables, etc. manufactured by Rexnord Corporation.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
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**33. Sandpiper manufactured chemical pumps along with parts, accessories and consumables, etc.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR STOCKED ITEMS	AFTER RECEIPT OF ORDER		
DELIVERY TIME FOR SPECIALTY ITEMS	DAYS AFTER RECEIPT OF ORDER		
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**34. Pumps and gearboxes along with parts, accessories and consumables, etc.  
manufactured by SPX Flow.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**35. Pressure Deming pumps along with parts, accessories and consumables, etc.  
manufactured by Crane Pumps and Systems.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>	

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**36. Limitorque flow control products encompassing valves, actuators, gearboxes, control systems, instrumentation along with parts, accessories and consumables manufactured by Floserv.**

Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for		%
Discount Rate for Parts		%
Discount Rate for Consumables		%
Does your firm accept Purchase Card Payments?	<b>YES</b>	<b>NO</b>

DELIVERY TIME FOR STOCKED ITEMS	<b>AFTER RECEIPT OF ORDER</b>		
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**37. Muffin Monster grinders, along with parts, related consumables and accessories manufactured by JWC Environmental.**

Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	No	

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**38. Mix liquor pumps, along with parts, related consumables and accessories manufactured by KSB.**

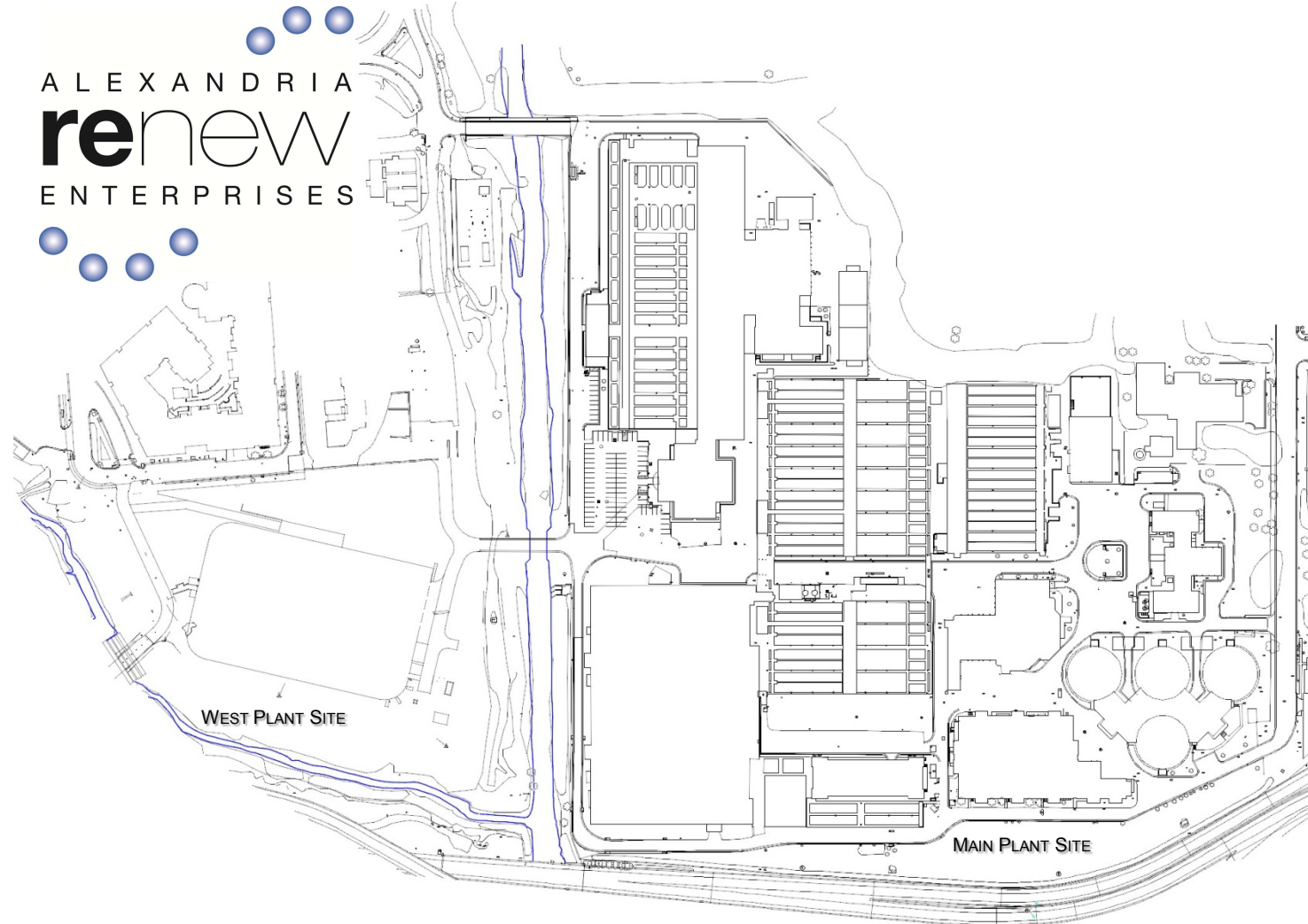
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for			%
Discount Rate for Parts			%
Discount Rate for Consumables			%
Does your firm accept Purchase Card Payments?	YES	NO	

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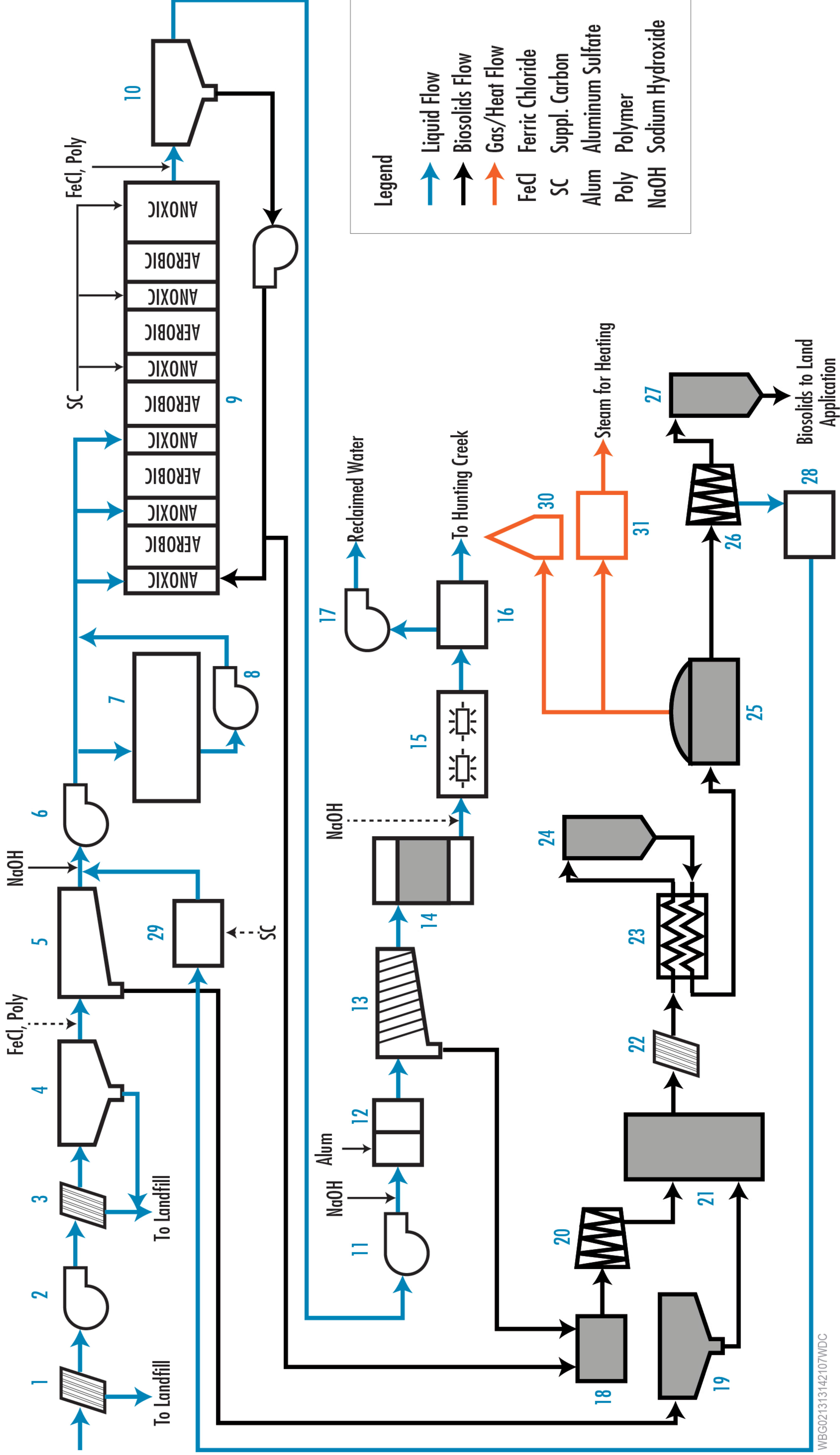
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**WATER RESOURCES RECOVERY FACILITY**  
ALEXANDRIA, VIRGINIA

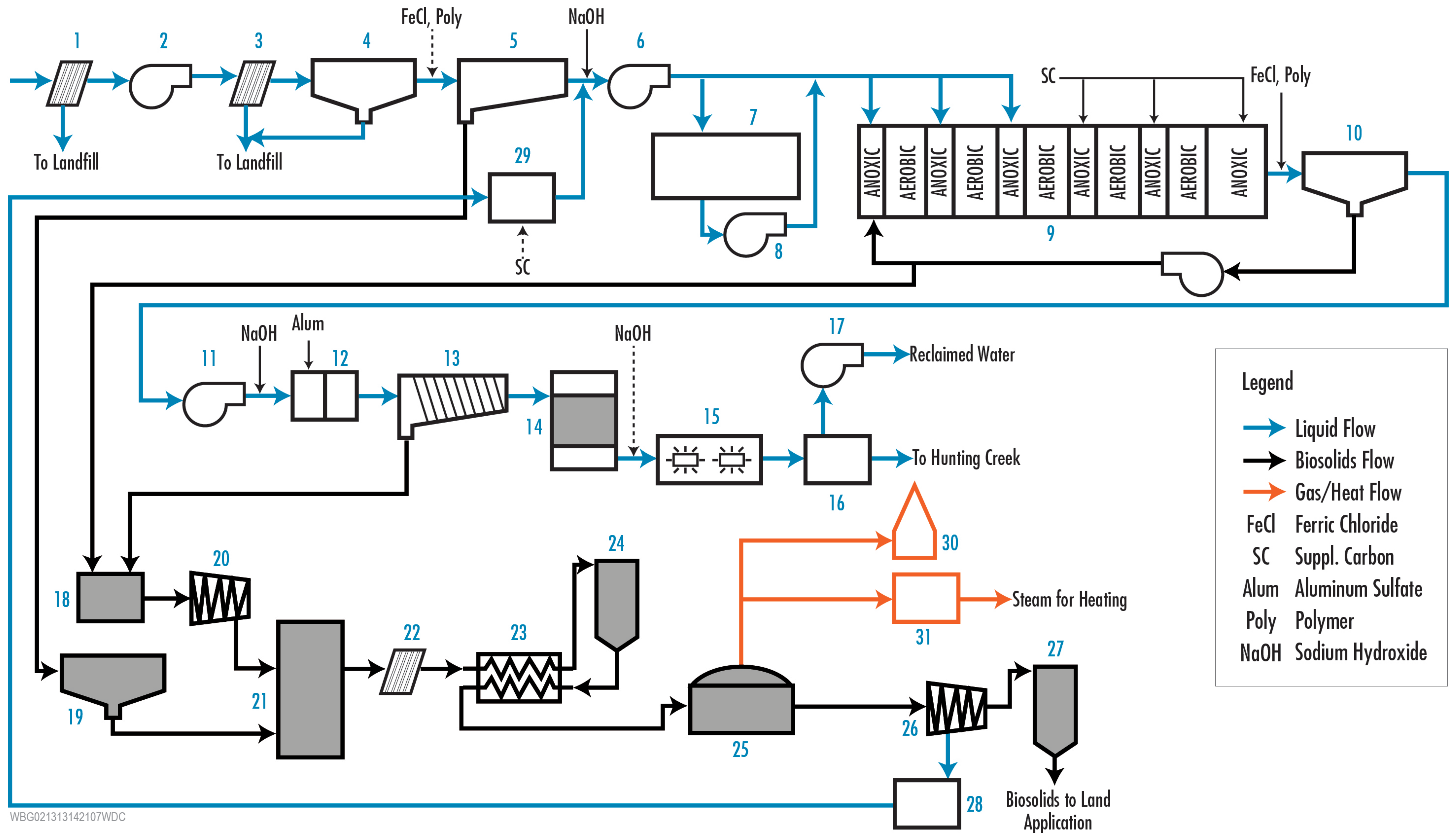




WBG021313142107WDC

Unit Process	Units	Capacity or Size	Unit Process	Units	Capacity or Size	Unit Process	Units	Capacity or Size
1 Coarse Screens	2 x	60 MGD	11 Intermediate Pumps	6 x	31 MGD	22 Sludge Screenings Presses	2 x	200 gpm
2 Raw Sewage Pumps	6 x	24 MGD	12 Rapid Mix/Floc. Tanks	8 x	18 MGD	23 Heat Exchangers	3 x	100 gpm
3 Fine Screens	4 x	40 MGD	13 Tertiary Settling Tanks	8 x	25,200 sf	24 Pasteurization Tanks	4 x	0.012 MG
4 Vortex Grit Chambers	4 x	40 MGD	14 Gravity Filters	22 x	728 sf	25 Anaerobic Digesters	4 x	1.5 MG
5 Primary Settling Tanks	8 x	6,228 sf	15 UV Disinfection	6 x	23 MGD	26 Dewatering Centrifuges	3 x	200 gpm
6 Primary Effluent Pumps	6 x	24 MGD	16 Post-Aeration Channels	2 x	0.375 gpm	27 Biosolids Silos	6 x	2,600 cf
7 Nutrient Mgmt. Facility	4 x	4.5 MG	17 Reclaimed Water Pumps	2 x	350 gpm	28 Centrate Storage Tanks	2 x	0.039 MG
8 Nutrient Mgmt. Pumps	4 x	11 MGD	18 Raw Sludge Blending Tanks	2 x	700 gpm			
	4 x	3 MGD	19 Gravity Thickeners	3 x	0.016 MG	29 Centrate Pre-Treat. Reactors	2 x	0.4 MG
9 Biological Reactor Basins	5 x	4.2 MG	20 Thickening Centrifuges	3 x	2,375 MG	30 Gas Flares	2 x	260 scfm
	1 x	3.8 MG	21 Thickened Sludge Eq. Tanks	4 x	460 gpm	31 Biogas Boilers	2 x	200 BHP
10 Secondary Settling Tanks	6 x	23,240 sf		3 x	0.0155 MG			





Unit Processes			
1 Coarse Screens	9 Biological Reactor Basins	17 Reclaimed Water Pumps	25 Anaerobic Digesters
2 Raw Sewage Pumps	10 Secondary Settling Tanks	18 Raw Sludge Blending Tanks	26 Dewatering Centrifuges
3 Fine Screens	11 Intermediate Pumps	19 Gravity Thickeners	27 Biosolids Silos
4 Vortex Grit Chambers	12 Rapid Mix/Floc. Tanks	20 Thickening Centrifuges	28 Centrate Storage Tanks
5 Primary Settling Tanks	13 Tertiary Settling Tanks	21 Thickened Sludge Eq. Tanks	29 Centrate Pre-Treat. Reactors
6 Primary Effluent Pumps	14 Gravity Filters	22 Sludge Screenings Presses	30 Gas Flares
7 Nutrient Mgmt. Facility	15 UV Disinfection	23 Heat Exchangers	31 Biogas Boilers
8 Nutrient Mgmt. Pumps	16 Post-Aeration Channels	24 Pasteurization Tanks	

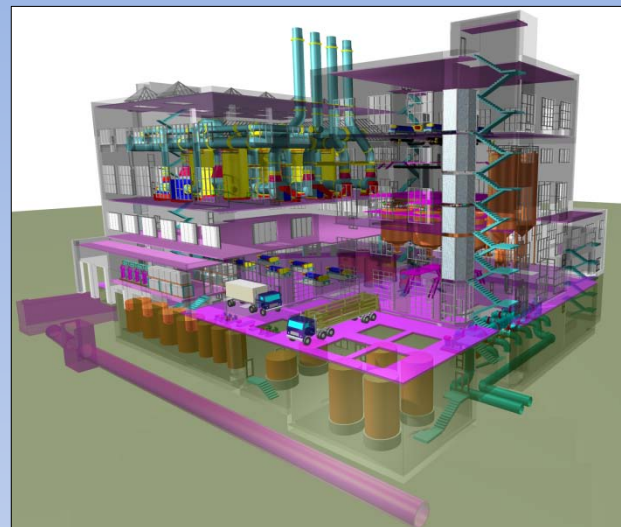




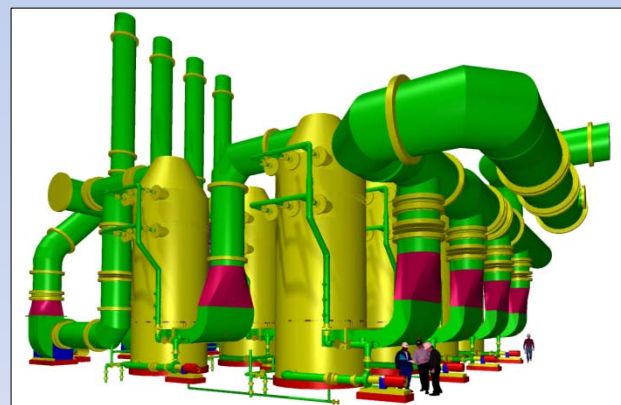
## L – SOLIDS PROCESSING BUILDING

### MAJOR UNIT PROCESSES:

BIOSOLIDS STORAGE AND HANDLING SYSTEM  
 CHEMICAL STORAGE AND METERING - SULFURIC ACID  
 CHEMICAL STORAGE AND METERING - SODIUM HYDROXIDE  
 CHEMICAL STORAGE AND METERING - SODIUM HYPOCHLORITE  
 CHEMICAL STORAGE AND METERING - ALUM  
 CHEMICAL STORAGE AND METERING - FERRIC CHLORIDE  
 CHEMICAL STORAGE AND METERING - SUPPLEMENTAL CARBON  
 CENTRIFUGE DEWATERING  
 CENTRIFUGE THICKENING  
 CENTRATE STORAGE TANKS - VOLATILE FATTY ACIDS (VFA)  
 CENTRATE STORAGE TANKS - COMBINED CENTRATE  
 CENTRATE STORAGE TANKS - DEWATERING CENTRATE  
 LIME STABILIZATION SYSTEM  
 ODOR CONTROL - PARTICULATE SCRUBBERS  
 ODOR CONTROL - ACID SCRUBBER  
 ODOR CONTROL - 2-STAGE SCRUBBERS  
 POLYMER STORAGE AND METERING  
 PRIMARY EFFLUENT PUMP STATION (PEPS)  
 SLUDGE TANKS - RAW SLUDGE BLENDING TANKS (RSBTs)  
 SLUDGE TANKS - THICKENED SLUDGE EQUALIZATION TANKS (TSETs)  
 SLUDGE TANKS - DIGESTED SLUDGE EQUALIZATION TANK (DSET)  
 W3 HIGH PRESSURE (HP) PUMPING



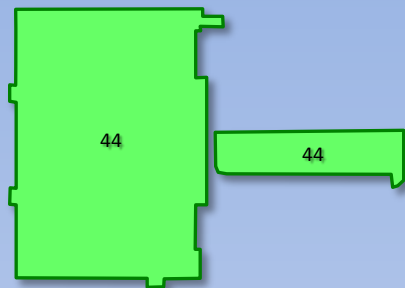
3-D DESIGN RENDERING – CH2M HILL, 1999



2-STAGE ODOR CONTROL SYSTEM  
3-D DESIGN RENDERING – CH2M HILL, 1999



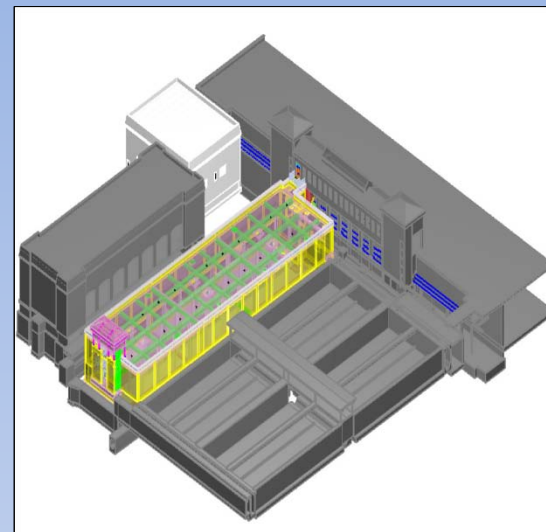




## 44 – BIOLOGICAL REACTOR BASINS

### MAJOR UNIT PROCESSES:

BIOLOGICAL REACTOR BASINS (BRBs)



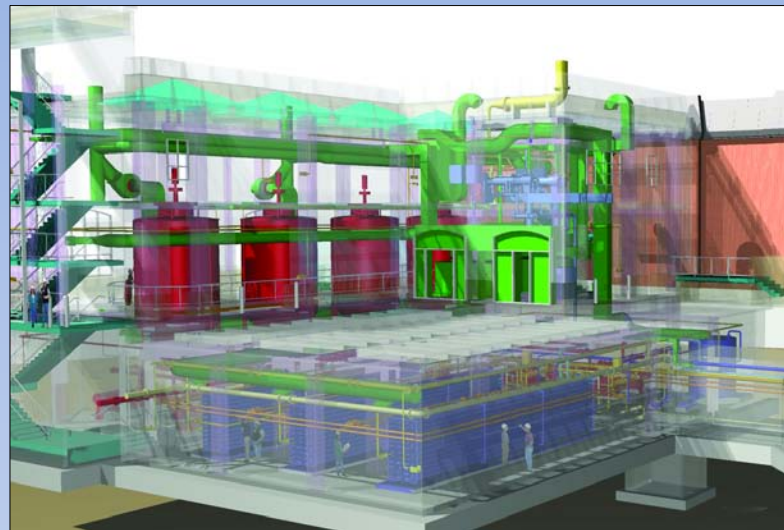
3-D DESIGN RENDERING – CH2M HILL, 2010



## 55 – PRE-PASTEURIZATION BUILDING

### MAJOR UNIT PROCESSES:

SLUDGE SCREENING  
HEAT EXCHANGERS  
PRE-PASTEURIZATION HOLDING TANKS



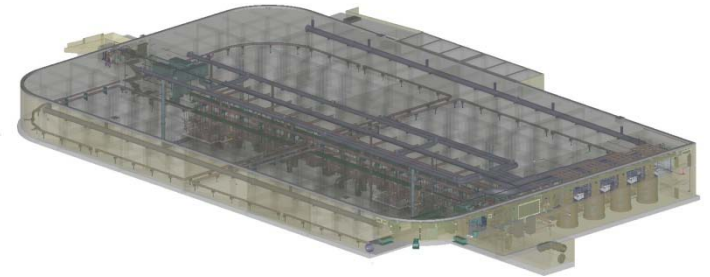
3-D DESIGN RENDERING – CH2M HILL, 2003



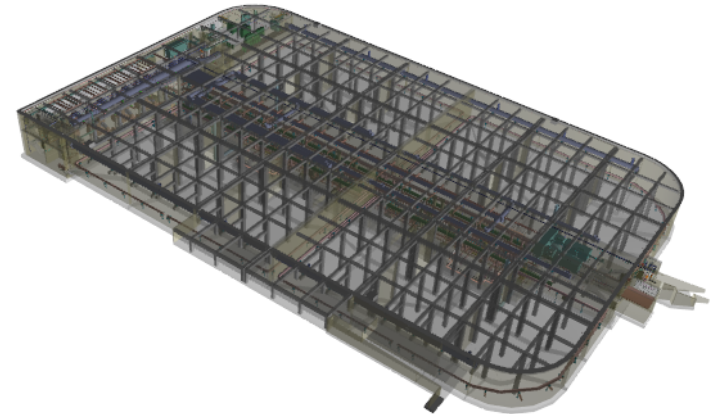
## 60 – NUTRIENT MANAGEMENT FACILITY (NMF)

### MAJOR UNIT PROCESSES:

NUTRIENT MANAGEMENT TANKS (NMTs)  
NUTRIENT MANAGEMENT PUMPING  
WET WEATHER PUMP STATION (WET WELL ONLY)



3-D DESIGN RENDERING – CH2M HILL, 2012



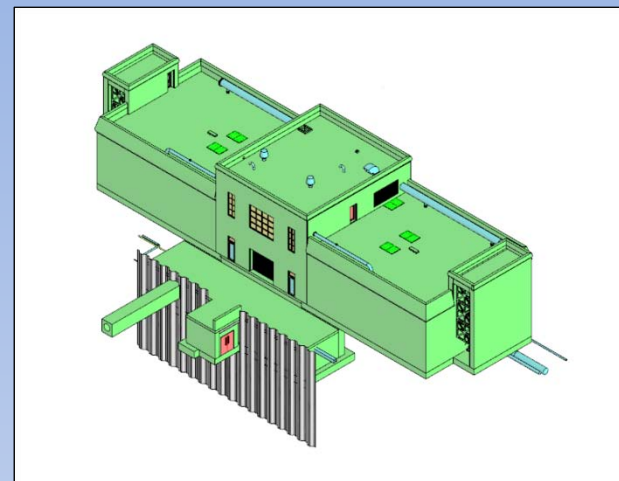
3-D PDF – CH2M HILL, 2012  
(CLICK ON IMAGE)



## 69 – CENTRATE PRE-TREATMENT COMPLEX

### MAJOR UNIT PROCESSES:

CENTRATE PRE-TREATMENT SEQUENCING BATCH REACTORS  
CHEMICAL STORAGE AND METERING - SUPPLEMENTAL CARBON



3-D DESIGN RENDERING – CH2M HILL, 2010



**ITB 21-014**  
**Equipment list**

Manufacturer	Entity Name	Entity Number	Service date	Model Number	IdPart Number	Serial Number	Entity Classification	Building Floor And Room	Unit Processes
FLYGT	Pump, Submersible Grinder, Duplex, Sump, East	P57-7001	2/6/2003	MP3102			Pump - Submersible Grinder	Building 44,Basement,Room 44-B01	57 - BRB Drain Pumps
FLYGT	Pump, Submersible Grinder, Duplex, Sump, West	P57-7002	2/6/2003	MP3102			Pump - Submersible Grinder	Building 44,Basement,Room 44-B01	57 - BRB Drain Pumps
FLygt Mixer 4650	Mixer, Swing 3, Reactor 3	M21-3335MR		4650.412		1340086	Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
FLygt Mixer 4650	Mixer, Anoxic 3, Reactor 4	M21-3134AMR		4650.412		1340085	Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
FLygt Mixer 4650	Mixer, Swing 2, Reactor 4	M21-3324SMR		4650.413		1340084	Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
FLygt Mixer 4650	Mixer, Swing 2, Reactor 5	M21-3325SMR		4650.412		120094	Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
FLygt Mixer 4650	Mixer, Anoxic 3, Reactor 5	M21-3135AMR		4650.412		1340082	Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
FLYGT	Pump, Centrifugal, Basin Dewatering	P38-2001P	4/13/2000	CP-3127/412		59930201	Pump - Centrifugal	Building 45,Ground,45-PAB1	38 - Post Aeration
FLYGT	Pump, Centrifugal, Basin Dewatering	P38-2002P	4/13/2000	CP-3127/412		59930202	Pump - Centrifugal	Building 45,Ground,45-PAB2	38 - Post Aeration
FLYGT	Pump, Submersible	P34-6001P	7/15/2002	DP3067		150892	Pump - Centrifugal Submersible	Building G6,Basement,Room G6-Pipe Gallery	34 - Filtration
FLYGT	Pump, Submersible	P34-6002P	7/15/2002	DP3067		150893	Pump - Centrifugal Submersible	Building G6,Basement,Room G6-Pipe Gallery	34 - Filtration
FLYGT	Pump, Sump Grinder, Flygt CP3127	P90-8002	6/26/2003	CP3127			Pump - Submersible Grinder	Building L,Basement,Room L-803,EL -2.50	99 - Building Systems
FLYGT	Pump, Sump Primary Effluent Pump Room, Flygt CP3127	P30-8001A	12/3/2002	CP3127			Pump - Centrifugal Submersible	Building L,Basement,Room L-804,EL -2.50	20 - Primary Effluent Pumping & NMF
FLYGT	Pump, Sump Primary Effluent Pump Room, Flygt CP3127	P30-8002	12/3/2002	CP3127			Pump - Centrifugal Submersible	Building L,Basement,Room L-804,EL -2.50	20 - Primary Effluent Pumping & NMF
FLYGT	Pump, Centrifugal, Submersible No. 1	P77-4201	5/8/2003	CP3085.980		240170	Pump - Centrifugal	Offsite - Jefferson Carlyle Mill	77 - (unassigned)
FLYGT	Pump, Centrifugal, Submersible No. 2	P77-4202	5/8/2003	CP3085			Pump - Centrifugal	Offsite - Jefferson Carlyle Mill	77 - (unassigned)
FLygt	Pump, Sewage #1, Mark Center	SEW-MC-2001P	5/13/2011	3153.091-1070193		3153.091-5403	Pump - Centrifugal	Offsite - Mark Center Pump Station	04 - Mark Center Pump Station
FLygt	Pump, Sewage #2, Mark Center	SEW-MC-2002P	5/13/2011	3153.091-1070194	CH1EC0034-1	3153.091-5403	Pump - Centrifugal	Offsite - Mark Center Pump Station	04 - Mark Center Pump Station
FLYGT / sHERWOOD IOGAN	Panel, Control, Pump, Mark Center	CPP-MC-1001	5/13/2011	Quote# 70411AE	PO # 10-290	11-0043	Elect - Panel	Offsite - Mark Center Pump Station	04 - Mark Center Pump Station
FLygt	Pump, Sewage, No. 1, West	P77-4001P	7/16/2009	NT3202.180 LT 4400		3202.180-50850017	Pump - Centrifugal	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B01	02 - Potomac Yards Pump Station
FLygt	Pump, Sewage, No. 2, Center	P77-4002P	7/16/2009	NT3202.180 LT 4400		3202.180-50850019	Pump - Centrifugal	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B01	02 - Potomac Yards Pump Station
FLygt	Pump, Sewage, No. 3, East	P77-4003P	7/16/2009	NT3202.180 LT 4400		3202.180-50850018	Pump - Centrifugal	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B01	02 - Potomac Yards Pump Station

Rotork K-Tork	Actuator, BWAS Recirculation Valve #1	FV21-5601A	8/1/2016	KT30DASH4N1201NOA			Actuator	Building 44,Basement,Room 44-B01	27 - Mainstream Annamox
Rotork K-Tork	Actuator, BWAS Recirculation Valve #2	FV21-5602A	8/1/2016	KT30DASH4N1201NOA			Actuator	Building 44,Basement,Room 44-B01	27 - Mainstream Annamox
Rotork K-Tork	Actuator, BWAS Recirculation Valve #3	FV21-5603A	8/1/2016	KT30DASH4N1201NOA			Actuator	Building 44,Basement,Room 44-B01	27 - Mainstream Annamox
Rotork K-Tork	Actuator, BWAS Recirculation Valve #4	FV21-5604A	8/1/2016	KT30DASH4N1201NOA			Actuator	Building 44,Basement,Room 44-B01	27 - Mainstream Annamox
Rotork K-Tork	Actuator, BWAS Recirculation Valve #5	FV21-5605A	8/1/2016	KT30DASH4N1201NOA			Actuator	Building 44,Basement,Room 44-B01	27 - Mainstream Annamox
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 1	FV21-4011A	2/6/2003	SAR 07.5		KT30DASH4N1201N 0A	Actuator	Building 44,Second,BRB1	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 1	FV21-4051A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB1	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 1	FV21-4021A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB1	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 1	FV21-4031A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB1	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 1	FV21-4041A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB1	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 2	FV21-4042A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB2	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 2	FV21-4032A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB2	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 2	FV21-4022A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB2	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 2	FV21-4012A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB2	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 2	FV21-4052A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB2	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 3	FV21-4053A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB3	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 3	FV21-4013A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB3	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 3	FV21-4023A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB3	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 3	FV21-4033A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB3	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 3	FV21-4043A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB3	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 4	FV21-4044A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB4	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 4	FV21-4034A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB4	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 4	FV21-4024A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB4	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 4	FV21-4014A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB4	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 4	FV21-4054A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB4	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 5	FV21-4055A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB5	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 5	FV21-4015A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB5	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 5	FV21-4025A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB5	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 5	FV21-4035A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB5	21 - Biological Reactor Basins
Rotork K-Tork	Actuator, Aeration Control Valve, Basin 5	FV21-4045A	2/6/2003	KT30DASH4N1201NOA			Actuator	Building 44,Second,BRB5	21 - Biological Reactor Basins
Rotork	Actuator, Valve, Flow, Main Burner, Digester Gas Automatic Gas On-Off Shut-Off, Valve Train 1	FV73-4101A	2/15/2005	AQ860FA14-1 Series MKII		DC20980101	Valve	Building 52,Basement,Room 52-101	73 - Digester Gas Utilization & Disposal
Rotork	Actuator, Valve, Flow, Main Burner, Digester Gas Automatic Gas On-Off Shut-Off, Valve Train 2	FV73-4102A	2/15/2005	AQ860FA14-1 Series MKII		DC20980102	Valve	Building 52,Basement,Room 52-101	73 - Digester Gas Utilization & Disposal
ROTORK CONTROLS	Actuator, Butterfly Rubber Seated 14"	FCV-20-4802A	5/26/2015	LIMITORQUE QX-3		1414780	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
ROTORK CONTROLS	Actuator, Damper	FCV-20-5801A	7/14/2015	IGT500		H190330103	Actuator	Building 60,Elevation 22,Upper Gallery 60-105	20 - Primary Effluent Pumping & NMF
ROTORK CONTROLS	Actuator, Damper	FCV-20-5802A	7/14/2015	IGT500		H190330102	Actuator	Building 60,Elevation 22,Upper Gallery 60-105	20 - Primary Effluent Pumping & NMF
ROTORK CONTROLS	Actuator, Damper	FCV-20-5804A	7/14/2015	IGT500		H190330104	Actuator	Building 60,Elevation 22,Upper Gallery 60-105	20 - Primary Effluent Pumping & NMF
ROTORK CONTROLS	Actuator, Damper	FCV-20-5803A	7/14/2015	IGT500		H190330103	Actuator	Building 60,Elevation 22,Upper Gallery 60-105	20 - Primary Effluent Pumping & NMF
ROTORK	Valve, Flow, Sodium Hypochlorite, To Hypochlorite Dilution System	FV35-4501		ROM-2		M511885/001/001	Valve	Building G5,Intermediate Level,Room G5-9	35 - Filter Backwash Pumping
ROTORK	Valve, Flow, Sodium Hypochlorite, To New Hypochlorite Dilution System	FV35-4502		ROM-2		M5118885/001/002	Valve	Building G5,Intermediate Level,Room G5-9	35 - Filter Backwash Pumping
ROTORK	Actuator, Sluice Gate	SLU-EDM6W	9/24/2004	IQFM		B3656501/02	Actuator	Building G5,Outside	31 - Tertiary Settling
ROTORK	Actuator, Sluice Gate	SLU-EDM7E	9/24/2004	IQFM		B3656501/01	Actuator	Building G5,Outside	31 - Tertiary Settling
Rotork	Actuator, Sluice Gate No. 1	M77-4101A	5/8/2003	7DC 'A' Range			Actuator	Offsite - Bush Hill	77 - (unassigned)
Rotork	Actuator, Sluice Gate No. 2	M77-4102A	5/8/2003	7DC 'A' Range			Actuator	Offsite - Bush Hill	77 - (unassigned)
Rotork	Actuator, Sluice Gate No. 1	M77-4201A	5/8/2003	7DC 'A' Range			Actuator	Offsite - Jefferson Carlyle Mill	77 - (unassigned)
Rotork	Actuator, Sluice Gate No. 2	M77-4202A	5/8/2003	7DC 'A' Range			Actuator	Offsite - Jefferson Carlyle Mill	77 - (unassigned)

SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #6	P85-6003P	12/9/2004	N570-24		Commission No. 821065	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B01	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #4 (Rebuild 9/3/2016 62999.4 Run Hours)	P85-6001P	12/9/2004	N570-24	New Comm# 6/29/15 837368.2	Old Commission No. 821063	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B01	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Sludge Recirculation	P85-7001P	12/9/2004	BNS2-12		806833	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B01	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #1	P85-1101P	12/9/2004	N570-24		806827	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B02	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #2	P85-1102P	12/9/2004	N570-24		806828	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B02	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #5	P85-6002P	1/27/2009	N570-24		Commission No. 821064	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B02	85 - Bio Pasteurization
SEEPEx	Pump, Progressive Cavity, Pasteurization Sludge #3	P85-1103P	12/9/2004	N570-24		806829	Pump - PD Progressive Cavity	Building 55,Basement,Room 55-B02	85 - Bio Pasteurization

SEEPX	Pump, Progressive Cavity, Polymer Feed To Gravity Thickener 1, Seepex 05-12BN	P61-2317P	6/26/2003	05-12BN		124575	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Gravity Thickener 2, Seepex 05-12BN	P61-2318P	6/26/2003	05-12BN		124571	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Gravity Thickener 3, Seepex 05-12BN	P61-2319P	6/26/2003	05-12BN		124572	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Primary/Secondary Settling, Seepex 05-12BN	P58-2701P	7/7/2003	05-12BN		124573	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Primary/Secondary Settling, Seepex 05-12BN	P58-2702P	7/7/2003	05-12BN		124574	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Primary/Secondary Settling, Seepex 05-12BN	P58-2703P	7/7/2003	05-12BN		124577	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Primary/Secondary Settling, Seepex 05-12BN	P58-2704P	7/7/2003	05-12BN		124578	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Primary/Secondary Settling, Seepex 1-12BN	P58-2705P	7/7/2003	1-12BN		123240	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Primary/Secondary Settling, Seepex 1-12BN	P58-2706P	7/7/2003	1-12BN		123241	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Gravity Thickener 4, Seepex 05-12BN	P61-2320P	6/26/2003	05-12BN		124570	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed To Gravity Thickener 5, Seepex 05-12BN	P61-2321P	6/26/2003	05-12BN		124576	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed For Thickening Centrifuge, Seepex 05-12BN	P65-6109P	6/26/2003	05-12BN		125043	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed For Thickening Centrifuge, Seepex 05-12BN	P65-6110P	6/26/2003	05-12BN		124423	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Dewatering Centrifuge, Seepex 5-6L BN	P82-7413P	6/26/2003	BN5-6L		807867	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Dewatering Centrifuge, Seepex 5-6L BN	P82-7414P	6/26/2003	BN5-6L		807865	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer
SEEPX	Pump, Progressive Cavity, Metering Emulsion Polymer, Seepex 025-12BN	P42-1301P	6/26/2003	025-12BN		124583	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	42 - Polymer Containment
SEEPX	Pump, Progressive Cavity, Metering Emulsion Polymer, Seepex 025-12BN	P42-1302P	6/26/2003	025-12BN		124585	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	42 - Polymer Containment
SEEPX	Pump, Progressive Cavity, Polymer Feed For Thickening Centrifuge, Seepex 05-12BN	P65-6107P	6/26/2003	05-12BN		124579	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed For Thickening Centrifuge, Seepex 05-12BN	P65-6108P	6/26/2003	05-12BN		125042	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed For Thickening Centrifuge, Seepex 05-12BN	P65-6111P	6/26/2003	05-12BN		124424	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
SEEPX	Pump, Progressive Cavity, Metering Emulsion Polymer, Seepex 025-12BN	P59-3903P	6/26/2003	025-12BN		124584	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	59 - Solids Processing Polymer
SEEPX	Pump, Progressive Cavity, Metering Emulsion Polymer, Seepex 025-12BN	P59-5004P	6/26/2003	025-12BN		124586	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	59 - Solids Processing Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Dewatering Centrifuge, Seepex 5-6L BN	P82-7415P	6/26/2003	BN5-6L		807866	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer
SEEPX	Pump, Progressive Cavity, Polymer Feed, Dewatering Centrifuge, Seepex 5-6L BN ( Spair Pump )	P82-7416P	8/31/2010	BN5-6L		807866	Pump - PD Progressive Cavity	Building L,Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer

MILTON ROY	Carbon Day Tank Feed Pump 3	P-69-6003	3/25/2015	mbh4019fbccm4sest11nn11	03344027-3		Pump - PD Diaphragm	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Swith, Pressure, High Discharge, Carbon Feed Pump 2	PSH-69-6102	3/25/2015	GV5241			Indicator	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Swith, Pressure, High Discharge, Carbon Feed Pump 3	PSH-69-6103	3/25/2015	GV5241			Indicator	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Valve, Pressure Relief, Carbon Feed Pump 1	PSV-69-6101	3/25/2015	GV5241			Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Valve, Pressure Relief, Carbon Feed Pump 2	PSV-69-6102	3/25/2015	GV5241			Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Valve, Pressure Relief, Carbon Feed Pump 3	PSV-69-6103	3/25/2015	GV5241			Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Carbon Day Tank Feed Pump 1	P-69-6001	3/25/2015	mbh4019fbccm4sest11nn11	03344027-1		Pump - PD Diaphragm	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Carbon Day Tank Feed Pump 2	P-69-6002	3/25/2015	mbh4019fbccm4sest11nn11	03344027-2		Pump - PD Diaphragm	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Carbon Feed Pump 1 Pressure Control Valve	PCV-69-6101	3/25/2015		GV8241	K0001017	Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Carbon Feed Pump 2 Pressure Control Valve	PCV-69-6102	3/25/2015		GV8241	K0001015	Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Carbon Feed Pump 3 Pressure Control Valve	PCV-69-6103	3/25/2015		GV8241	K0001014	Valve	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Swith, Pressure, High Discharge, Carbon Feed Pump 1	PSH-69-6101	3/25/2015	GV5241			Indicator	Building 69,Ground,Room 69-109	69 - Centrate Pretreatment
MILTON ROY	Valve, Pressure Control, Ferric Chloride Metering Pump 1 Discharge to Pista Grit Channel	PCV40-1501	6/26/2003			1780	Valve - Pressure Control	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
MILTON ROY	Valve, Pressure Control, Ferric Chloride Metering Pump 2 Discharge to Pista Grit Channel	PCV40-1502	6/26/2003			1783	Valve - Pressure Control	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
MILTON ROY	Valve, Pressure Control, Ferric Chloride Metering Pump 3 Discharge to Secondary Settling Tanks	PCV40-1503	6/26/2003				Valve - Pressure Control	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
MILTON ROY	Valve, Pressure Control, Ferric Chloride Metering Pump 4 Discharge to Secondary Settling Tanks	PCV40-1504	6/26/2003				Valve - Pressure Control	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
Milton Roy	Pump, Diaphragm, Ferric Chloride Metering, Milton Roy MBH642	P40-1401P	6/26/2003	MBH642 8GPBCCM4SEST11NN22		227961-31	Pump - PD Diaphragm	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
Milton Roy	Pump, Diaphragm, Ferric Chloride Metering, Milton Roy MBH642	P40-1402P	6/26/2003	MBH642 8GPBCCM4SEST11NN22		227961-32	Pump - PD Diaphragm	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
Milton Roy	Pump, Diaphragm, Ferric Chloride Metering, Milton Roy MBH642	P40-1403P	6/26/2003	MBH642 8GPBCCM4SEST11NN22		227961-33	Pump - PD Diaphragm	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
Milton Roy	Pump, Diaphragm, Ferric Chloride Metering, Milton Roy MBH642	P40-1404P	6/26/2003	MBH642 8GPBCCM4SEST11NN22		227961-34	Pump - PD Diaphragm	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Milton Roy MBH561	P45-1401P	6/26/2003	MBH561 8HPBCCM4SEST11NN11		227961-09	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Milton Roy MBH561	P45-1402P	6/26/2003	MBH561 8HPBCCM4SEST11NN11		227961-10	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Milton Roy MBH561	P45-1403P	6/26/2003	MBH561 8HPBCCM4SEST11NN11		227961-11	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hypochlorite, Milton Roy MGH482	P44-1403P	6/26/2003	MGH482 14CBM2BENNNN11		227961-019	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hypochlorite, Milton Roy MGH282	P44-1404P	6/26/2003	MGH282 14CBM2BENNNN11		227961-28	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite, Milton Roy MBH402	P44-1405P	6/26/2003	MBH402 8GPBCCM4SEST11NN22		227961-29	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite, Milton Roy MBH402	P44-1406P	6/26/2003	MBH402 8GPBCCM4SEST11NN22		227961-30	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-1001P	7/7/2003	MGH281 20CBM2SENNNN11		227961-001	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-1101P	7/7/2003	MGH482 14CBM2BENNNN11		227961-017	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-1901P	7/7/2003	MGH281 20CBM2SENNNN11		227961-005	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-2001P	7/7/2003	MGH482 14CBM2BENNNN11		227961-021	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber

Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-3901P	7/7/2003	MGH281 20CBM25ENNNN11		227961-04	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-4001P	7/7/2003	MGH482 14CBM28ENNNN11		227961-022	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-5701P	7/7/2003	MGH281 20CBM25ENNNN11		227961-007	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-5801P	7/7/2003	MGH482 14CBM28ENNNN11		227961-023	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-7701P	7/7/2003	MGH281 20CBM25ENNNN11		227961-008	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-7801P	7/7/2003	MGH482 14CBM28ENNNN11		227961-024	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump 1 Discharge to Filter Backwash Water	PCV44-1501	6/26/2003	GV8		1342	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump 2 Discharge to Filter Backwash Water	PCV44-1502	6/26/2003	GV8		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump 3 Discharge to Plant Water	PCV44-1503	6/26/2003	GV8		1765	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump 5 Discharge to RAS BR8	PCV44-1505	6/26/2003	GV8		1763	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump 6 Discharge to RAS BR8	PCV44-1506	6/26/2003	GV5162		KD000698	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	44 - Sodium Hypochlorite Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump 1 Discharge to Intermediate Pump Station	PCV45-1501	6/26/2003	GV8		1779	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump 2 Discharge to UV Disinfection	PCV45-1502	6/26/2003	GV8		1777	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump 3 Discharge to Primary Effluent Pump Station Wet Well	PCV45-1503	6/26/2003	GV8		1778	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	45 - Sodium Hydroxide Feed
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 1B	PCV51-1911	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 1B	PCV51-2011	6/26/2003	GV8		1770	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 2A	PCV51-2911	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 2A	PCV51-3011	6/26/2003	GV8		1650	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 2B	PCV51-3911	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 2B	PCV51-4011	6/26/2003	GV8		1773	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 3A	PCV51-4911	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 3A	PCV51-5011	6/26/2003	GV8		1643	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 3B	PCV51-5711	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 3B	PCV51-5811	6/26/2003	GV8		1641	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 4A	PCV51-6711	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 4A	PCV51-6811	6/26/2003	GV8		1775	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 1A	PCV51-1011	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 1A	PCV51-1111	6/26/2003	GV8		1769	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hydroxide Metering Pump Discharge to Odor Scrubber Train 4B	PCV51-7711	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sodium Hypochlorite Metering Pump Discharge to Odor Scrubber Train 4B	PCV51-7811	6/26/2003	GV8		1766	Valve - Pressure Control	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-6701P	7/7/2003	MGH281 20CBM25ENNNN11		227961-004	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-6801P	7/7/2003	MGH482 14CBM28ENNNN11		227961-020	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-4901P	7/7/2003	MGH281 20CBM25ENNNN11		227961-003	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-5001P	7/7/2003	MGH482 14CBM28ENNNN11		227961-019	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Pump, Diaphragm, Metering Sodium Hydroxide, Odor Scrubber, Milton Roy MGH281	P51-2901P	7/7/2003	MGH281 20CBM25ENNNN11		227961-002	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sodium Hypochlorite Metering, Odor Scrubber, Milton Roy MGH482	P51-3001P	7/7/2003	MGH482 14CBM28ENNNN11		227961-018	Pump - PD Diaphragm	Building L,Basement,Room L-B08,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Metering Sulfuric Acid Odor Scrubber, Milton Roy MGH281	P51-3101P	7/7/2003	MGH281 20CBM25ENNNN1H		227961-13	Pump - PD Diaphragm	Building L,Basement,Room L-B09,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Metering Sulfuric Acid Odor Scrubber, Milton Roy MGH281	P51-5101P	7/7/2003	MGH281 20CBM25ENNNN1H		227961-14	Pump - PD Diaphragm	Building L,Basement,Room L-B09,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Metering Sulfuric Acid Odor Scrubber, Milton Roy MGH281	P51-6901P	7/7/2003	MGH281 20CBM25ENNNN1H		227961-15	Pump - PD Diaphragm	Building L,Basement,Room L-B09,EL -2.50	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, BackPressure Control, Sulfuric Acid Metering Pump Discharge to Acid Scrubber	PCV50-3601	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Basement,Room L-B09,EL -2.50	50 - Odor Control – Acid Scrubber
MILTON ROY	Pump, Diaphragm, Metering Sulfuric Acid Odor Scrubber, Milton Roy MBH281	P51-1201P	7/7/2003	MGH281 20CBM25ENNNN1H		227961-12	Pump - PD Diaphragm	Building L,Basement,Room L-B09,EL -2.50	51 - Odor Control – Two-stage Scrubber
MILTON ROY	Pump, Diaphragm, Sulfuric Acid Metering, Milton Roy MGH201	P50-3501P	7/7/2003	MGH201 40CBM25ENNNN2H		227961-16	Pump - PD Diaphragm	Building L,Basement,Room L-B09,EL -2.50	50 - Odor Control – Acid Scrubber
Milton Roy	Valve, Back Pressure Control, Sulfuric Acid Metering Pump Discharge to Odor Scrubber Train 1A	PCV51-1211	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Fifth,Room L-506,EL 70.00	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sulfuric Acid Metering Pump Discharge to Odor Scrubber Train 4A	PCV51-6911	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Fifth,Room L-506,EL 70.00	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sulfuric Acid Metering Pump Discharge to Odor Scrubber Train 3A	PCV51-5111	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Fifth,Room L-506,EL 70.00	51 - Odor Control – Two-stage Scrubber
Milton Roy	Valve, Back Pressure Control, Sulfuric Acid Metering Pump Discharge to Odor Scrubber Train 2A	PCV51-3111	6/26/2003	VB1621		N/A	Valve - Pressure Control	Building L,Fifth,Room L-506,EL 70.00	51 - Odor Control – Two-stage Scrubber



RODNEY HUNT	Gate, Sluice, Filter Effluent Conduit Bypass to Hoof's Run	G37-4001	4/13/2000	Series 45		Gate - Sluice	Building 18	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice 2, Outlet Basin 1	FG21-2141SG	2/6/2003	HYQ1459	92460-1-02	Gate - Sluice	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 1, Outlet Basin 1	FG21-2131SG	2/6/2003	HYQ1459	92460-1-01	Gate - Sluice	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 1, Gate, Basin 1	G21-3411-1	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 2, Gate, Basin 1	G21-3411-2	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 3, Gate, Basin 1	G21-3431-3	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 4, Gate, Basin 1	G21-3431-4	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 1, Slide Gate, Basin 1	G21-3211-1	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 2, Slide Gate, Basin 1	G21-3211-2	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 3, Slide Gate, Basin 1	G21-3231-3	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 4, Slide Gate, Basin 1	G21-3231-4	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Actuator, Manual, Effluent Gate 1, Basin 1	G21-3221A	2/6/2003	BS-5002.5		Actuator	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 1, Basin 1	G21-3221G	2/6/2003	761W		Gate - Sluice	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 2, Basin 1	G21-3241G	2/6/2003			Gate - Sluice	Building 44, Second, BRB1	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 2, Basin 2	G21-3242G	2/6/2003			Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Actuator, Manual, Effluent Gate 1, Basin 2	G21-3222A	2/6/2003	BS-5002.5		Actuator	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 1, Basin 2	G21-3222G	2/6/2003			Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 3, Slide Gate, Basin 2	G21-3232-3	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 4, Slide Gate, Basin 2	G21-3232-4	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 1, Slide Gate, Basin 2	G21-3212-1	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 2, Slide Gate, Basin 2	G21-3212-2	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 1, Basin 2	G21-2112SG	2/6/2003	HYQ1459	92460-1-03	Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 2, Basin 2	G21-2122SG	2/6/2003	HYQ1459	92460-1-03	Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 3, Gate, Basin 2	G21-3432-3	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 4, Gate, Basin 2	G21-3432-4	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 1, Gate, Basin 2	G21-3412-1	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 2, Gate, Basin 2	G21-3412-2	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 1, Outlet Basin 2	FG21-2132SG	2/6/2003	HYQ1459	92460-1-01	Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 2, Outlet Basin 2	FG21-2142SG	2/6/2003	HYQ1459	92460-1-06	Gate - Sluice	Building 44, Second, BRB2	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 2, Outlet Basin 3	FG21-2143SG	2/6/2003	HYQ1459	92460-1-10	Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 1, Outlet Basin 3	FG21-2133SG	2/6/2003	HYQ1459	92460-1-09	Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 1, Gate, Basin 3	G21-3413-1	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 2, Gate, Basin3	G21-3413-2	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 3, Gate, Basin 3	G21-3433-3	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 4, Gate, Basin 3	G21-3433-4	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 2, Basin 3	G21-2123SG	2/6/2003	HYQ1459	92460-1-08	Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 1, Basin 3	G21-2113SG	2/6/2003	HYQ1459	92460-1-07	Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 1, Slide Gate, Basin 3	G21-3213-1	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 2, Slide Gate, Basin 3	G21-3213-2	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 3, Slide Gate, Basin 3	G21-3233-3	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 4, Slide Gate, Basin 3	G21-3233-4	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Actuator, Manual, Effluent Gate 1, Basin 3	G21-3223A	2/6/2003	BS-5002.5		Actuator	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 1, Basin 3	G21-3223G	2/6/2003			Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 2, Basin 3	G21-3243G	2/6/2003			Gate - Sluice	Building 44, Second, BRB3	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 2, Basin 4	G21-3244G	2/6/2003			Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Actuator, Manual, Effluent Gate 1, Basin 4	G21-3224A	2/6/2003	BS-5002.5		Actuator	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 1, Basin 4	G21-3224G	2/6/2003			Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 3, Slide Gate, Basin 4	G21-3234-3	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 4, Slide Gate, Basin 4	G21-3234-4	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 1, Slide Gate, Basin 4	G21-3214-1	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 1, Basin 4	G21-2114SG	2/6/2003	HYQ1459	92460-1-11	Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 2, Basin 4	G21-2124SG	2/6/2003	HYQ1459	92460-1-12	Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 3, Gate, Basin 4	G21-3434-3	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 4, Gate, Basin 4	G21-3434-4	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 1, Gate, Basin 4	G21-3414-1	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 2, Gate, Basin4	G21-3414-2	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Outlet Basin 4	FG21-2134SG	2/6/2003	HYQ1459	92460-1-13	Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 2, Outlet Basin 4	FG21-2144SG	2/6/2003	HYQ1459	92460-1-14	Gate - Sluice	Building 44, Second, BRB4	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 2, Outlet Basin 5	FG21-2145SG	2/6/2003	HYQ1459	92460-1-18	Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice 1, Outlet Basin 5	FG21-2135SG	2/6/2003	HYQ1459	92460-1-17	Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 1, Gate, Basin5	G21-3415-1	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 2, Gate, Basin5	G21-3415-2	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 3, Gate, Basin 5	G21-3435-3	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Swing 4, Gate, Basin 5	G21-3435-4	2/5/2006	761W		Gate - Swing	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 2, Basin 5	G21-2125SG	2/6/2003	HYQ1459	92460-1-16	Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Inlet 1, Basin 5	G21-2115SG	2/6/2003	HYQ1459	92460-1-15	Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 1, Slide Gate, Basin 5	G21-3215-1	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 2, Slide Gate, Basin 5	G21-3215-2	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 3, Slide Gate, Basin 5	G21-3235-3	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Anoxic 4, Slide Gate, Basin 5	G21-3235-4	2/5/2006	761W		Gate - Slide	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Actuator, Manual, Effluent Gate 1, Basin 5	G21-3225A	2/6/2003	BS-5002.5		Actuator	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 1, Basin 5	G21-3225G	2/6/2003			Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Effluent 2, Basin 5	G21-3245G	2/6/2003			Gate - Sluice	Building 44, Second, BRB5	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Butterfly, ML Channel	G21-2003G	2/6/2003			Gate - Butterfly	Building 44, Second, ML CNL	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Butterfly, ML Channel	G21-2004G	2/6/2003			Gate - Butterfly	Building 44, Second, ML CNL	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Butterfly, ML Channel	G21-2005G	2/6/2003			Gate - Butterfly	Building 44, Second, ML CNL	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Butterfly, ML Channel	G21-2001G	2/6/2003			Gate - Butterfly	Building 44, Second, ML CNL	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Butterfly, ML Channel	G21-2002G	2/6/2003			Gate - Butterfly	Building 44, Second, ML CNL	21 - Biological Reactor Basins
RODNEY HUNT	Gate, Sluice Basin Isolation	G38-1501SG	4/13/2000	3GRK-3	049177G01	Gate - Sluice	Building 45, Ground, 45-PAB1	38 - Post Aeration
RODNEY HUNT	Gate, Sluice Basin Isolation	G38-1502SG	4/13/2000	3GRK-3	049177G02	Gate - Sluice	Building 45, Ground, 45-PAB2	38 - Post Aeration
RODNEY HUNT	Gate, Sluice, Wet Well No. 1	G11-1301SG	12/22/2004			Gate - Sluice	Building A, Basement, Room A-B12	11 - Raw Sewage Pumping
RODNEY HUNT	Gate, Sluice, Wet Well No. 2	G11-1302SG	12/22/2004			Gate - Sluice	Building A, Basement, Room A-B12	11 - Raw Sewage Pumping
RODNEY HUNT	Operator, Portable Sluice Gate	SGO08001		25 P.O.		Gate - Operator	Building A, Ground, Room Brezeway	94 - Vehicles and Moveable Equipment
RODNEY HUNT	Gate, Sluice	SU-DG2N	1/1/1977	SERIES 220		Gate - Sluice	Building G5, Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SU-DG3S	1/1/1977	SERIES 220		Gate - Sluice	Building G5, Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SU-DG4S	1/1/1977	D-PG-26		Gate - Sluice	Building G5, Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SU-DG5W	1/1/1977	SERIES 200	S-5002	Gate - Sluice	Building G5, Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SU-DG6W	1/1/1977	SERIES 120M		Gate - Sluice	Building G5, Outside	31 - Tertiary Settling



RODNEY HUNT	Gate, Sluice	SLU-DG7E	1/1/1977	SERIES 120M			Gate - Sluice	Building G5,Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SLU-DD1N	1/1/1977				Gate - Sluice	Building G5,Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice	SLU-DG8E	1/1/1977	SERIES 220		S-5002	Gate - Sluice	Building G5,Outside	31 - Tertiary Settling
RODNEY HUNT	Gate, Sluice 48 X 48"	G34-4404SG					Gate - Sluice	Building G5,Outside	34 - Filtration
RODNEY HUNT	Gate, Sluice 48 X 48"	G34-4401SG	7/15/2002	SERIES 140			Gate - Sluice	Building G6,Second,Room G6-302,EL 36.4	34 - Filtration
RODNEY HUNT	Gate, Sluice 48 X 48"	G34-4402SG	7/15/2002	SERIES 140			Gate - Sluice	Building G6,Second,Room G6-302,EL 36.4	34 - Filtration
RODNEY HUNT	Gate, Sluice 48 X 48"	G34-4405SG	7/15/2002	SERIES 140			Gate - Sluice	Building G6,Second,Room G6-302,EL 36.4	34 - Filtration
RODNEY HUNT	Gate, Sluice 48 X 48"	G34-4403SG	7/15/2002	SERIES 140			Gate - Sluice	Building G6,Second,Room G6-302,EL 36.4	34 - Filtration
RODNEY HUNT	Gate, Sluice	G13-1703SG	3/18/2001	S080952-21TAES2236	145		Gate - Sluice	Building K,Outside,Room K-Deck	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G13-1704SG	3/18/2001	S080952-21TAES2236	145		Gate - Sluice	Building K,Outside,Room K-Deck	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G13-1701SG	3/18/2001	S080952-21TAES2236	145		Gate - Sluice	Building K,Outside,Room K-Deck	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G13-1702SG	3/18/2001	S080952-21TAES2236	145		Gate - Sluice	Building K,Outside,Room K-Deck	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G12-2504SG	3/18/2001	3GRK-3	049177A01		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice Influent	G13-1101ISG	3/18/2001	S0809521T3ES2235	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice Influent	G13-1102ISG	3/18/2001	S0809521T3ES2235	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice Influent	G13-1103ISG	3/18/2001	S0809521T3ES2235	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G12-1201SG	3/18/2001	3GRK-3	049177A01		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-1202SG	3/18/2001	3GRK-3	049177A02		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-1203SG	3/18/2001	3GRK-3	049177A03		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-1204SG	3/18/2001	3GRK-3	049177A04		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-2501SG	3/18/2001	3GRK-3	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-2502SG	3/18/2001	3GRK-3	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice	G12-2503SG	3/18/2001	3GRK-3	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	12 - Fine Screening
RODNEY HUNT	Gate, Sluice Influent	G13-1104ISG	3/18/2001	S0809521T3ES2235	HY-Q-145		Gate - Sluice	Building K,Second,Room K-205	13 - Grit Removal/Clarifiers
RODNEY HUNT	Gate, Sluice	G20-1201SG	6/26/2003	SERIES 140 48X48"			Gate - Sluice	Building L,Ground,Room L-108,EL 20.00	20 - Primary Effluent Pumping & NMF
RODNEY HUNT	Gate, Sluice	G37-1301SG	4/19/2000	145-NRS	492000		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-1302SG	4/19/2000	145-NRS	4920000		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2101SG	4/19/2000	HY-Q-145	049177F01		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2102SG	4/19/2000	HY-Q-145	049177F02		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2103SG	4/19/2000	HY-Q-145	049177F03		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2104SG	4/19/2000	HY-Q-145	049177F04		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2105SG	4/19/2000	HY-Q-145	049177F05		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
RODNEY HUNT	Gate, Sluice	G37-2106SG	4/19/2000	HY-Q-145	049177F06		Gate - Sluice	Building N,Ground,Room N-101	37 - UV Disinfection
Rodney Hunt	Gate, Sluice, No.1	M77-4201	5/8/2003	Series HY-Q240, 12"			Gate - Sluice	Offsite - Jefferson Carlyle Mill	77 - (unassigned)
Rodney Hunt	Gate, Sluice, No.2	M77-4202	5/8/2003	Series HY-Q240, 12"			Gate - Sluice	Offsite - Jefferson Carlyle Mill	77 - (unassigned)
Rodney Hunt	Gate, Slide, 36"x 60", Inlet, Mechanical Screen	G77-4001	7/16/2009	36"x60" Slide Gate Series 721			Gate - Slide	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station
Rodney Hunt	Gate, Slide, 36"x 60", Inlet, Bar Screen	G77-4002	7/16/2009	36"x60" Slide Gate Series 721			Gate - Slide	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station
Rodney Hunt	Gate, Slide, 36"x 60", Inlet, Wet Well No. 2	G77-4004	7/16/2009	36"x60" Slide Gate Series 721			Gate - Slide	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station
Rodney Hunt	Gate, Sluice, 48"x 48" Between Wet Wells	G77-4005	7/16/2009	48"x48" Glydaseal			Gate - Sluice	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station
Rodney Hunt	Gate, Slide, 36"x 60", Inlet, Wet Well No. 1	G77-4003	7/16/2009	36"x60" Slide Gate Series 721			Gate - Slide	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station

MSA	Element, Hazardous Gas Sensor	AE75-S501	7/13/2005	B ULTIMA		H04-1537691-10-005	Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S502	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S503	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S504	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S505	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S101	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S102	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S103	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S104	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S105	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Basement,Room B01	56 - Building Services & Gas Monitoring
MSA	Panel, Field, Gas Monitoring System	FP75-S401	7/13/2005	S600			Elect - Panel - Field	Building 20,Ground,Room 101	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S601	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Ground,Room 102	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S602	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Ground,Room 102	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S603	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Ground,Room 102	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S604	7/13/2005	B ULTIMA			Instrument - Gas Sensor	Building 20,Ground,Room 102	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S201	7/13/2005	B ULTIMA		E04-1442733-20-004	Instrument - Gas Sensor	Building 20,Ground,Room 103	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S202	7/13/2005	B ULTIMA		E04-1442733-20-008	Instrument - Gas Sensor	Building 20,Ground,Room 103	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S203	7/13/2005	B ULTIMA		E04-1442733-20-006	Instrument - Gas Sensor	Building 20,Ground,Room 103	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-S204	7/13/2005	B ULTIMA		E04-1442733-20-001	Instrument - Gas Sensor	Building 20,Ground,Room 103	56 - Building Services & Gas Monitoring
MSA	Panel, Field, Gas Monitoring System	FP75-S001	7/13/2005	S600			Elect - Panel - Field	Building 20,Ground,Room 104	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE15-3101	3/12/2004	ULTIMA		B04-1372440-20-002	Instrument - Gas Sensor	Building 22,Ground,Room 101	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE15-3102	3/12/2004	ULTIMA		B04-1372440-20-001	Instrument - Gas Sensor	Building 22,Ground,Room 101	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE15-3103	3/12/2004	ULTIMA		B04-1372440-20-003	Instrument - Gas Sensor	Building 22,Ground,Room 101	56 - Building Services & Gas Monitoring
MSA	System, Monitoring Gas	AIT15-3001	3/12/2004	S300			System	Building 22,Ground,Room 101	15 - Primary Settling
MSA	Panel, Field, Gas Monitoring	FP15-3001	3/12/2004	D2L-333-MBQ050			Elect - Panel - Field	Building 22,Outside	15 - Primary Settling
MSA	Element & Transmitter, Hazardous Gas	AE75-S301	2/15/2005			FO4-1463472-10-001	Instrument - Gas Sensor	Building 52,Basement,Room 52-101	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-B101	12/9/2004	Ultima		L03-1334673-20-004	Instrument - Gas Sensor	Building 55,Basement,Room 55-B01	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-B001	12/9/2004	Ultima		L03-1334673-20-001	Instrument - Gas Sensor	Building 55,Basement,Room 55-B02	56 - Building Services & Gas Monitoring
MSA	Panel, Field, Gas Monitoring System	FP75-B000	12/9/2004				Elect - Panel - Field	Building 55,Ground,Room 55-103	56 - Building Services & Gas Monitoring
MSA	Location, Element, Hazardous Gas Element H25 LEL	AE75-B301	12/9/2004	Ultima		L03-1334673-20-003	Instrument - Gas Sensor	Building 55,Ground,Room 55-104	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-B102	12/9/2004	Ultima		L03-1334673-20-005	Instrument - Gas Sensor	Building 55,Second,Room 55-201	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-B201	12/9/2004	Ultima		L03-1334673-20-002	Instrument - Gas Sensor	Building 55,Second,Room 55-205	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-7001	12/22/2004	ULTIMA			Instrument - Gas Sensor	Building A,Basement,Room A-B12,EL 7.25	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element CO	AE75-7101	12/22/2004	ULTIMA			Instrument - Gas Sensor	Building A,Basement,Room A-B15,EL 7.25	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-6701	12/22/2004	ULTIMA - 815406		1411330804	Instrument - Gas Sensor	Building A,Basement,Room A-B15,EL 7.25	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-6702	12/22/2004	ULTIMA		1031260659-70-0002	Instrument - Gas Sensor	Building A,Basement,Room A-B15,EL 7.25	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-6801	12/22/2004	ULTIMA			Instrument - Gas Sensor	Building A,Basement,Room A-B15,EL 7.25	56 - Building Services & Gas Monitoring
MSA	Panel, Field, Gas Monitoring System	FP75-6601	12/22/2004				Elect - Panel - Field	Building A,Ground,Room A-106,EL 17.75	56 - Building Services & Gas Monitoring

MSA	Element, Hazardous Gas Element H25 LEL	AE75-6901	12/22/2004	ULTIMA 815406		103-1260659-60-001	Instrument - Gas Sensor	Building A,Ground,Room A-112,EL 17.75	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Element H25 LEL	AE75-6902	12/22/2004	ULTIMA		103-1260659-70-001	Instrument - Gas Sensor	Building A,Ground,Room A-112,EL 17.75	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6201	6/1/2005	Ultima		103-1300228-10-002	Instrument - Gas Sensor	Building C,Basement,Room C-B03	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6202	6/1/2005	Ultima		103-1300228-10-009	Instrument - Gas Sensor	Building C,Basement,Room C-B03	56 - Building Services & Gas Monitoring
MSA	Annunciator, Sludge Thickening Building, Gas Monitoring System	AE75-6203	6/1/2005	Ultima		103-1300228-10-008	Instrument - Gas Sensor	Building C,Basement,Room C-B03	56 - Building Services & Gas Monitoring
MSA	Annunciator, Sludge Thickening Building, Combustible Gas High, Basement and Main Floor	AA75-6101	6/1/2005	5000			Annunciator	Building C,Ground,Room C-108	56 - Building Services & Gas Monitoring
MSA	Panel, Field, Gas Monitoring System	FP75-6101	6/1/2005	5000			Elect - Panel - Field	Building C,Ground,Room C-108	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6301	6/1/2005	Ultima		103-1300228-10-003	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6302	6/1/2005	Ultima		103-1300228-10-006	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6303	6/1/2005	Ultima		103-1300228-10-007	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6304	6/1/2005	Ultima		103-1300228-10-010	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6305	6/1/2005	Ultima		103-1300228-10-001	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6306	6/1/2005	Ultima		103-1300228-10-005	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas Sensor	AE75-6307	6/1/2005	Ultima		103-1300228-10-004	Instrument - Gas Sensor	Building C,Ground,Room C-110	56 - Building Services & Gas Monitoring
MSA	Detector Refrigerant Gas	GD-EC-GD	6/22/2016	A-RT R4115F4000A0D0000	814073 rev 17				
MSA	Element, Gas Methanol	AE56-1621	3/18/2001				Gas Detector - Fixed	Building EC,Seventh,Room EC-PH	100 - Buildings
MSA	Element, Gas Hazardous	AE56-1701	3/18/2001				Instrument - Gas Sensor	Building K,Ground,Room K-102	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE56-1702	3/18/2001				Instrument - Gas Sensor	Building K,Ground,Room K-102	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE56-1601	3/18/2001				Instrument - Gas Sensor	Building K,Ground,Room K-103	56 - Building Services & Gas Monitoring
MSA	System, MSA Gas Monitoring A	FP56-1001	3/18/2001	5300		3784	Elect - Panel - Field	Building K,Second,Room K-203	56 - Building Services & Gas Monitoring
MSA	System, MSA Gas Monitoring B	FP56-1101	3/18/2001	5300		3783	Elect - Panel - Field	Building K,Second,Room K-203	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE56-1501	3/18/2001				Instrument - Gas Sensor	Building K,Second,Room K-204	56 - Building Services & Gas Monitoring
MSA	Element, Gas Methanol	AE56-1521	3/18/2001				Instrument - Gas Sensor	Building K,Second,Room K-204	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE56-1201	3/18/2001				Instrument - Gas Sensor	Building K,Second,Room K-205	56 - Building Services & Gas Monitoring
MSA	Element, Gas Hazardous	AE56-1202	3/18/2001				Instrument - Gas Sensor	Building K,Second,Room K-205	56 - Building Services & Gas Monitoring
MSA	Element, Gas Methanol	AE56-1221	3/18/2001				Instrument - Gas Sensor	Building K,Second,Room K-205	56 - Building Services & Gas Monitoring
MSA	Element, Hazardous Gas CH4	AE84-5101	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-803,EL -2.50	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5102	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-803,EL -2.50	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5103	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-803,EL -2.50	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5104	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-803,EL -2.50	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5105	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-803,EL -2.50	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5201	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-M02,EL 9.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5202	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-M02,EL 9.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CH4	AE84-5203	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Basement,Room L-M02,EL 9.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5501	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-505,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5502	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-505,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5601	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5602	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5603	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5604	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5605	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5606	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas	AE84-5607	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Fifth,Room L-506,EL 70.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CO	AE84-5301	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Ground,Room L-102,EL 20.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CO	AE84-5302	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Ground,Room L-102,EL 20.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	Element, Hazardous Gas CO	AE84-5303	6/26/2003	ULTIMA			Instrument - Gas Sensor	Building L,Ground,Room L-102,EL 20.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	System, MSA Gas Monitoring	FP84-5001	6/26/2003				Elect - Panel - Field	Building L,Ground,Room L-122,EL 20.00	84 - Building Services & Gas Monitoring - Bldg L
MSA	System, MSA Gas Monitoring	FP84-5401	6/26/2003				Elect - Panel - Field	Building L,Third,Room L-302,EL 45.33	84 - Building Services & Gas Monitoring - Bldg L
MSA	System, MSA Gas Monitoring	FP43-1711	3/11/2004	MSA300		2533677	Elect - Panel - Field	Building M,Ground,Room M-101	43 - Methanol Feed
MSA	System, Gas Monitoring	A1T43-1701	3/11/2004	5300			System	Building M,Ground,Room M-101	43 - Methanol Feed
MSA	Element, Hazardous Gas	AE43-1703	3/11/2004	ULTIMA			Instrument - Gas Sensor	Building M,Ground,Room M-103	43 - Methanol Feed
MSA	Element, Hazardous Gas	AE43-1701	3/11/2004	ULTIMA			Instrument - Gas Sensor	Building M,Outside,M-O1	43 - Methanol Feed
MSA	Element, Hazardous Gas	AE43-1702	3/11/2004	ULTIMA			Instrument - Gas Sensor	Building M,Outside,M-O2	43 - Methanol Feed
MSA	Gas Detection Equipment, CH4, EL 17.50	AE77-1004	7/16/2009	A-ULTIMA XE38E1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Basement,Room PYPS-B03	02 - Potomac Yards Pump Station
MSA	Gas Detection Equipment, H2S, EL 17.50	AE77-1005	7/16/2009	A-ULTIMA XE16B1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Basement,Room PYPS-B03	02 - Potomac Yards Pump Station
MSA	Panel, MSA Gasguard 8	AE77-1000	7/16/2009	GASGUARD8.6-0-0		108 2926754-010-001	Elect - Panel - Field	Offsite - Potomac Yard Pump Station,Ground,Room PYPS-100	02 - Potomac Yards Pump Station
MSA	Gas Detection Equipment, H2S, EL 50.00	AE77-1001	7/16/2009	A-ULTIMA XE16B1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Ground,Room PYPS-101	02 - Potomac Yards Pump Station
MSA	Gas Detection Equipment, CH4, EL 50.00	AE77-1002	7/16/2009	A-ULTIMA XE38E1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Ground,Room PYPS-101	02 - Potomac Yards Pump Station
MSA	Gas Detection Equipment, CH4, EL 17.50	AE77-1006	7/16/2009	A-ULTIMA XE38E1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Stairwells,PYPS-S2	02 - Potomac Yards Pump Station
MSA	Gas Detection Equipment, H2S, EL 50.00	AE77-1003	7/16/2009	A-ULTIMA XE16B1S000000010			Instrument - Gas Sensor	Offsite - Potomac Yard Pump Station,Stairwells,PYPS-S2	02 - Potomac Yards Pump Station

SANITAIRE	Diffuser, Membrane Basin 1	BRB-BDS1001	2/6/2003				Tank - Diffuser	Building 44,Second,BRB1	21 - Biological Reactor Basins
SANITAIRE	Diffuser, Membrane Basin 2	BRB-BDS1002	2/6/2003				Tank - Diffuser	Building 44,Second,BRB2	21 - Biological Reactor Basins
SANITAIRE	Diffuser, Membrane Basin 3	BRB-BDS1003	2/6/2003				Tank - Diffuser	Building 44,Second,BRB3	21 - Biological Reactor Basins
SANITAIRE	Diffuser, Membrane Basin 4	BRB-BDS1004	2/6/2003				Tank - Diffuser	Building 44,Second,BRB4	21 - Biological Reactor Basins
SANITAIRE	Diffuser, Membrane Basin 5	BRB-BDS1005	2/6/2003				Tank - Diffuser	Building 44,Second,BRB5	21 - Biological Reactor Basins
SANITAIRE	Diffuser, Fine Bubble System	POST-AERDS1	4/13/2000				Tank - Diffuser	Building 45,Ground,45-PAB1	38 - Post Aeration
SANITAIRE	Diffuser, Fine Bubble System	POST-AERDS2	4/13/2000				Tank - Diffuser	Building 45,Ground,45-PAB2	38 - Post Aeration

SQUARE D	Center, Motor Control	MCC-22-1	2/4/2004				Elect - MCC	Building 2,Ground,Room 2-100	95 - Major Electrical
SQUARE D	Panel, Lighting	22-LP2		NQ0D424M100CU			Elect - Panel	Building 2,Ground,Room 2-100	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP2	7/13/2005	MH35WD		E2	Elect - Panel	Building 20,Basement,Room B01	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP6	2/15/2005	MH35WD		E2	Elect - Panel	Building 20,Basement,Room B01	95 - Major Electrical
SQUARE D	Meter, Power Distribution	PDM-20-1B	2/14/2005				Elect - Meter	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP1	7/13/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Panel, Distribution	20-OP1	7/13/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1901-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1902-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1903-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Monorail Hoist Motor	M20-1001-BUC	7/13/2005	FC 34030			Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-20-1A	7/13/2005				Elect - MCC	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-20-1B	7/13/2005				Elect - MCC	Building 20,Ground,Room 101	95 - Major Electrical

SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1401-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1402-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1403-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1404-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2401-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2402-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2403-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2404-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1001-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1002-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1101-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1102-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1201-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1001-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1002-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1101-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1102-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1201-BUC	7/13/2005	MCC MODEL 6		15957255-014	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Bucket, For Condensate Return Unit Motor	CRU-20-1001-BUC	7/13/2005	MCC MODEL 6		15957255-015	Elect - Bucket	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP3	7/13/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP4	7/13/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Meter, Power Distribution	PDM-20-1A	2/14/2005				Elect - Meter	Building 20,Ground,Room 101	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP5	2/15/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP7	2/15/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Panel, Lighting	20-LP8	2/15/2005	1.21596E+16			Elect - Panel	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Panel, Distribution	20-DP2	2/15/2005	12159572550240001, 001			Elect - MCC	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For W3 Booster Pump Motor	P76-1101-BUC	7/13/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Condensate Return Unit Motor	CRU-20-1002-BUC	7/13/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1701-BUC	7/13/2005	MODEL 6		159557255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1701-BUC	7/13/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1702-BUC	7/13/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1801-BUC	7/13/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-20-1802-BUC	7/13/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Heat Transfer Pump Motor	HTP-20-1001-BUC	7/13/2005	MODEL 6			Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Heat Transfer Pump Motor	HTP-20-1002-BUC	7/13/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2405-BUC	2/15/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2406-BUC	2/15/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2407-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Transfer Pump Motor	P70-2408-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Hot Water Pump 1 Motor	P71-2301-BUC	12/10/2004	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Hot Water Pump 2 Motor	P71-2302-BUC	12/10/2004	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Hot Water Pump 3 Motor	P71-2303-BUC	12/10/2004	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1405-BUC	2/15/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1406-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1407-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digested Sludge Recirculation Motor	P70-1408-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-20-2A	2/15/2005				Elect - MCC	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-20-2B	2/15/2005				Elect - MCC	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Monoval Heat Motor	M30-1002-BUC	7/13/2005	FC34030	BREAKER DP-2		Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1703-BUC	7/13/2005	MCC MODEL 6		159557255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1801-BUC	7/13/2005	MCC MODEL 6		159557255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1802-BUC	7/13/2005	MCC MODEL 6		159557255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Air Handling Unit Motor	AHU-20-1901-BUC	7/13/2005	MCC MODEL 6		159557255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1904-BUC	2/15/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1905-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Mixing Compressor Motor	M72-1906-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Booster Compressor Motor	M73-1701-BUC	2/15/2005	MODEL 6		15957255-017	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Bucket, For Digester Gas Booster Compressor Motor	M73-1702-BUC	2/15/2005	MODEL 6		15957255-016	Elect - Bucket	Building 20,Ground,Room 104	95 - Major Electrical
SQUARE D	Panel, Power Distribution	22-DP1	1/12/2003	NF 12-13002627-117			Elect - Panel	Building 3,Ground,Room 23-100	95 - Major Electrical
SQUARE D	Panel, Lighting	22-LP1	1/12/2003	NQ00430M100CU			Elect - Panel	Building 3,Ground,Room 23-100	95 - Major Electrical
SQUARE D	Panel, Power Distribution	22-DP1	4/30/2003				Elect - Panel	Building 4,Ground,Room 23-110	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-1A	4/30/2003	MODEL 6			Elect - MCC	Building 4,Ground,Room 23-110	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-1B	4/30/2001	MODEL 6			Elect - MCC	Building 4,Ground,Room 23-110	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP7	2/6/2003				Elect - Panel	Building 44,Basement,Room 44-801	95 - Major Electrical
SQUARE D	Panel, Lighting	44-LP2	2/6/2003				Elect - Panel	Building 44,Basement,Room 44-801	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP4	2/6/2003				Elect - Panel	Building 44,Basement,Room 44-801	95 - Major Electrical
SQUARE D	Panel, Instrument	44-IP1	2/6/2003				Elect - Panel	Building 44,Second,Room 44-101	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP5	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Lighting	44-LP3	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP1	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP2	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP3	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side A	MCC-44-3A	2/6/2003	Model 6		FO#13002627-008	Elect - MCC	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side B	MCC-44-3B	2/6/2003	Model 6		FO#13002627-008	Elect - MCC	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side A	MCC-44-3C	2/6/2003	Model 6		FO#13002627-008	Elect - MCC	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side B	MCC-44-3D	2/6/2003	Model 6		FO#13002627-008	Elect - MCC	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Switchgear, Square D	SWG-44-3A	2/6/2003	POWER-ZONE III		FO # 13002627-092	Elect - Switchgear	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Switchgear, Square D	SWG-44-3B	2/6/2003	POWER-ZONE III		FO # 13002627-092	Elect - Switchgear	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Instrument	44-IP2	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Lighting	44-LP1	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Distribution 480/277V	44-DPA	2/6/2003	NF 150A		12-13002627-064	Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DPB	2/6/2003	NF 150A		12-13002627-064	Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Panel, Power Distribution	44-DP6	2/6/2003				Elect - Panel	Building 44,Second,Room 44-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-2A	10/19/2001	SQUARE D			Elect - MCC	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-2B	10/19/2001	SQUARE D			Elect - MCC	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Switchboard, Square D 480 Volt	SWBD-23-1A	10/19/2001				Elect - Switchboard	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Switchboard, Square D 480 Volt	SWBD-23-1B	10/19/2001	SQUARE D			Elect - Switchboard	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Panel, Power Distribution	23-DP2	10/19/2001				Elect - Panel	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Panel, Instrument	23-IP1	10/19/2001				Elect - Panel	Building 5,Ground,Room 23-121	95 - Major Electrical
SQUARE D	Bucket, For Pump Pasteurization Sludge #1 Motor	P85-1101-BUC	12/9/2004				Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Pasteurization Sludge #2 Motor	P85-1102-BUC	12/9/2004				Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical

SQUARE D	Bucket, For Pump Pasteurization Sludge #3 Motor	P85-1103-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Water Circulation Pump Heat Exchanger #1 MOTOR	P85-2001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Water Circulation Pump Heat Exchanger #2 MOTOR	P85-2002-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Water Recirculation Pump Heat Exchanger #3 MOTOR	P85-2003-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Pasteurization Sludge #4 Motor	P85-6001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Pasteurization Sludge #5 Motor	P85-6002-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Pasteurization Sludge #6 Motor	P85-6003-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sludge Recirculation Pump MOTOR	P85-7001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Piping #1 Motor	P85-9601-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Pump Piping #2 Motor	P85-9602-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump Motor	P86-4001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump Motor	P86-4002-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump MOTOR	P86-4201-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump MOTOR	P86-4202-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Center, Motor Control	MVMCC	12/9/2004						Elect - MCC	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sludge Screening Press Motor	M86-1101-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Sludge Screening Press MOTOR	M86-1102-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Thickened Screened Sludge Wet Well Motor	M86-3301-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Thickened Screened Sludge Wet Well Motor	M86-3302-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-55-1A	12/9/2004						Elect - MCC	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-55-1B	12/9/2004						Elect - MCC	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-55-1C	12/9/2004						Elect - MCC	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Pasteurization Tank No.1 Motor	T85-5001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Pasteurization Tank No.2 Motor	T85-5002-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Pasteurization Tank No.3 Motor	T85-5003-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Mixer Pasteurization Tank No.4 Motor	T85-5004-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For AHU Fan Motor	AHU-55-1001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For AHU Fan Motor	AHU-55-1002-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For TROLLEY MOTOR	M55-1001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Right Condensate Return Unit Motor	CRU-55-1001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-55-1101-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-55-1102-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-55-1103-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EF-55-1104-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Bucket, For Right Heat Transfer Package Motor	HTP-55-1001-BUC	12/9/2004						Elect - Bucket	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Panel, Power Distribution	55-DP1A	12/9/2004						Elect - Panel	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Panel, Power Distribution	55-DP1B	12/9/2004						Elect - Panel	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Panel, Lighting	55-LP1	12/9/2004						Elect - Panel	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Panel, Lighting	55-LP2	12/9/2004						Elect - Panel	Building 55,Ground,Room 55-103	95 - Major Electrical
SQUARE D	Panel, Instrument	23-IP2	5/22/2002						Elect - Panel	Building 6,Ground,Room 23-131	95 - Major Electrical
SQUARE D	Panel, Lighting	23-LP1	5/22/2002						Elect - Panel	Building 6,Ground,Room 23-131	95 - Major Electrical
SQUARE D	Panel, Power Distribution	23-DP3	5/22/2002						Elect - Panel	Building 6,Ground,Room 23-131	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-3A	5/22/2002	MODEL 6					Elect - MCC	Building 6,Ground,Room 23-131	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-23-3B	5/22/2002	MODEL 6					Elect - MCC	Building 6,Ground,Room 23-131	95 - Major Electrical
Square D	CPT Distribution Panel No. 1	69-DP1	3/25/2015	I-Line					Elect - Panel	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
Square D	CPT Lighting Panel No.1	69-LP1	3/25/2015	NQ Non-Linear					Elect - Panel	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
Square D	Instrumentation Panel No. 1	69-IP1	3/25/2015	NQ					Elect - Panel	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
Square D	Linear Uninterrupted Power Supply	69-LUPS	3/25/2015	NQ					Elect - Panel	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
Square D	Motor Control Center	MCC-69-1A/1B	3/25/2015	Model 6 MCC	29781688-025				Elect - Panel - Control	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
SQUARE D	Panel, Lighting	A-LP3	12/22/2004						Elect - Panel	Building A,Basement,Room A-810	95 - Major Electrical
SQUARE D	Transformer	A-TX3	12/22/2004	30T3H					Elect - Transformer - Dry	Building A,Basement,Room A-810,EL 7.25	95 - Major Electrical
SQUARE D	Panel, Distribution	A-DP2	12/22/2004						Elect - Panel	Building A,Basement,Room A-812	95 - Major Electrical
SQUARE D	Transformer	A-TX1	12/22/2004	45T3H					Elect - Transformer - Dry	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	A-LP1	12/22/2004	MHC50S					Elect - Panel	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Transformer A-TX-1A	A-TX-1A	12/24/2004	45T31-1					Elect - Transformer	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Distribution	A-DP1	12/22/2004	8CW86TSD					Elect - Panel	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For Overhead Crane Motor, 20AMP	CHC-A003-BUC	12/22/2004	FC34020					Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 15AMP	AHU-A-1401-BUC	12/22/2004						Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 15AMP	AHU-A-2501-BUC	12/22/2004						Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-A-1A	12/22/2004	6					Elect - MCC	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-A-1B	12/22/2004	6					Elect - MCC	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 20AMP	AHU-A-1001-BUC	12/22/2004		15957255-010.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 25AMP	AHU-A-1002-BUC	12/22/2004		15957255-019.001				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 15AMP	AHU-A-1101-BUC	12/22/2004		1597255-018.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 20AMP	AHU-A-1201-BUC	12/22/2004		1597255-019.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 15AMP	AHU-A-1301-BUC	12/22/2004		159255-018.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For AHU Fan Motor, 20AMP	AHU-A-1302-BUC	12/22/2004		1597255-019.001				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D	Bucket, For Heat Transfer Package Motor No.2, 20AMP	HTP-A-1001-BUC	12/22/2004		15957255-019.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor, 20AMP	EF-A-1001-BUC	12/22/2004		15957255-018.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor, 15AMP	EF-A-1002-BUC	12/22/2004		15957255-019.001				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
SQUARE D	Bucket, For Right Condensate Return Unit Motor, 15AMP	CRU-A-1001-BUC	12/22/2004		15957255-018.003				Elect - Bucket	Building A,Ground,Room A-106,EL 17.75	95 - Major Electrical
Square D/Power Zone 4	Switchgear 480 Volt	SWGR-A-1A	12/22/2004		WA4JGR64A35XXXXXX A				Elect - Switchgear	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D/Power Zone 4	Switchgear 480 Volt	SWGR-A-1B	12/22/2004		WA4JGR64A35XXXXXX A				Elect - Switchgear	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #1 Motor	P11-1501-BUC	12/22/2004	WA4ATR64A35XXXXXXA		85009243901			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #2 Motor	P11-1502-BUC	12/22/2004	WA4ATR64A35XXXXXXA		85009243807			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #3 Motor	P11-1503-BUC	12/22/2004	WA4ATR64A35XXXXXXA		85009243803			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #4 Motor	P11-1504-BUC	12/22/2004	WA4ATR64A35XXXXXXA		85009243802			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #5 Motor	P11-1505-BUC	12/22/2004	WA4ATR64A35XXXXXXA		85009243805			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
Square D	Bucket, For Raw Sewage Pump #6 Motor	P11-1506-BUC	12/22/2004	WAAAAR6A35XXXXXXA		85009243701			Elect - Bucket	Building A,Ground,Room A-107,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	A-LP2	12/22/2004						Elect - Panel	Building A,Ground,Room A-111,EL 17.75	95 - Major Electrical
SQUARE D	Panel, A Plex (Flare Station)	A-A-PLEX	12/22/2004	159573000000000					Elect - Panel	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	52-LP1	12/22/2004						Elect - Panel	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	52-LP2	12/22/2004						Elect - Panel	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	52-LP3	12/22/2004						Elect - Panel	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Transformer	52-TX1	12/22/2004	30T3H					Elect - Transformer - Dry	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Transformer	52-TX2	12/22/2004	9T2FIS					Elect - Transformer - Dry	Building A,Ground,Room A-115,EL 17.75	95 - Major Electrical
SQUARE D	Panel, Lighting	22-LP3							Elect - Panel	Building E,Basement,Room E-801	95 - Major Electrical
SQUARE D	Switchgear,	SS-1A	2/6/2003	POWER MONITOR 3000		5078			Elect - Switchgear	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Switchgear,	SS-1B	2/6/2003	POWER MONITOR 3000		5078			Elect - Switchgear	Building F,Ground,Room F-102	95 - Major Electrical

SQUARE D	Center, Motor Control, Square D	MVMCC-F-5A	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - MCC	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MVMCC-F-5B	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - MCC	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Bucket, For Air Compressor 1 Motor	M22-2001-BUC	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - Bucket	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Bucket, For Air Compressor 2 Motor	M22-2002-BUC	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - Bucket	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Bucket, For Air Compressor 3 Motor	M22-2003-BUC	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - Bucket	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Bucket, For Air Compressor 4 Motor	M22-2004-BUC	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - Bucket	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Bucket, For Air Compressor 5 Motor	M22-2005-BUC	2/6/2003	4 ISO FLEX 68.13002627-089			Elect - Bucket	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Switchgear,	SS-2A	2/6/2003	POWER MONITOR 3000		5079	Elect - Switchgear	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Switchgear,	SS-2B	2/6/2003	POWER MONITOR 3000		5079	Elect - Switchgear	Building F,Ground,Room F-102	95 - Major Electrical
SQUARE D	Panel, Power, Compressor Control	F-DP1	2/6/2003	12-13002627-097			Elect - Panel	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Panel, Power, For Instrumentation	F-IP1	2/6/2003	NQ0P430L225CU			Elect - Panel	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For W3 Motor	P55-1001-BUC	4/19/2000	MODEL 4		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-MC1-A	2/28/1977	MODEL 4		12-02552-1	Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-MC1-B	2/28/1977	MODEL 4		12-02552-1	Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-MC2-A	2/28/1977				Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-MC2-B	2/28/1977				Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
Square D	Switch, Main, Electric Boiler No. 1 West	MSEBLR1	7/27/2009	QED5 Switchboard		833650	Elect - Switchboard	Building F,Ground,Room F-104	95 - Major Electrical
Square D	Switch, Main, Electric Boiler No. 2 East	MSEBLR2	7/27/2009	QED5 Switchboard		833651	Elect - Switchboard	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump Motor	SUP-B01E-BUC	2/28/1977	MODEL 4		12-02552-1	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Sump Pump Motor	SUP-B01W-BUC	2/28/1977	MODEL 4		12-02552-1	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Right Sump Pump Motor	SUP-B051-BUC	2/28/1977	MODEL 4		12-02552-2	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Left Sump Pump Motor	SUP-B052-BUC	2/28/1977	MODEL 4		12-02552-2	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Overhead Door Operator Motor	ODO-B114-BUC	2/28/1977	MODEL 4		12-02552-1	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	CTP-F-1001-BUC	12/24/2002	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	CTP-F-1002-BUC	12/24/2002	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	CTP-F-1003-BUC	12/24/2002	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EAF-B102-BUC	2/6/2003	MODEL 4		12-02552-1	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Exhaust Fan Motor	EAF-B103-BUC	2/6/2003	MODEL 4		12-02552-1	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For W3 Motor	P55-1002-BUC	4/19/2000	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For W3 Motor	P55-1003-BUC	4/19/2000	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For W3 Motor	P55-1004-BUC	4/19/2000	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Panel, Power Distribution	F-LP1	2/6/2003	NQ0D424M100CU			Elect - Panel	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1A	MCC-F-1A	2/6/2003	MODEL 6		12042290-001	Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1B	MCC-F-1B	2/6/2003	MODEL 6		12-02552-1	Elect - MCC	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Drive, Variable Speed, #1 Square D For W3 Pump Motor #1	ASD55-1001	4/19/2000	ALTIVAR 66		12042300000000	Elect - Drive - Square D	Building F,Ground,Room F-104	55 - Plant Water (W3)
SQUARE D	Drive, Variable Speed, #2 Square D For W3 Pump Motor #2	ASD55-1002	4/19/2000	ALTIVAR 66			Elect - Drive - Square D	Building F,Ground,Room F-104	55 - Plant Water (W3)
SQUARE D	Drive, Variable Speed, #3 Square D For W3 Pump Motor #3	ASD55-1003	4/19/2000	ALTIVAR 66			Elect - Drive - Square D	Building F,Ground,Room F-104	55 - Plant Water (W3)
SQUARE D	Drive, Variable Speed, #4 Square D For W3 Pump Motor #4	ASD55-1004	4/19/2000	ALTIVAR 66			Elect - Drive - Square D	Building F,Ground,Room F-104	55 - Plant Water (W3)
SQUARE D	Drive, Variable Speed, #5 Square D For W3 Pump Motor #5	ASD55-1005	4/19/2000	ALTIVAR 66			Elect - Drive - Square D	Building F,Ground,Room F-104	55 - Plant Water (W3)
SQUARE D	Bucket, For Boiler Feed Pump Motor	BFP-B103-BUC	2/28/1977	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Post Aeration Blower Motor	B38-1001-BUC	4/19/2000	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Post Aeration Blower Motor	B38-1002-BUC	4/19/2000	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	AHU-F-1001-BUC	2/6/2003	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	AHU-F-1002-BUC	2/6/2003	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	AHU-F-1003-BUC	2/6/2003	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motor	AHU-F-1004-BUC	2/6/2003	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motorized W3 Strainer	M55-1301-BUC	4/19/2000	MODEL 6		12042290-001	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Bucket, For Motorized W3 Strainer	M55-1302-BUC	4/19/2000	MODEL 6		12042290-002	Elect - Bucket	Building F,Ground,Room F-104	95 - Major Electrical
SQUARE D	Power, Dual Side Source For Post Aeration Blower 3 And W3	CMS38-1003	2/6/2003			1204229000500-9926-87	Miscellaneous	Building F,Ground,Room F-104	38 - Post Aeration
SQUARE D	Panel, Lighting	LA-2	3/1/2002				Elect - Panel	Building G1,Ground,Room G1-112	95 - Major Electrical
SQUARE D	Panel, Receptacle	RA-2	3/1/2002				Elect - Panel	Building G1,Ground,Room G1-112	95 - Major Electrical
SQUARE D	Panel, Receptacle	RA-9	3/1/2002				Elect - Panel	Building G1,Ground,Room G1-125	95 - Major Electrical
SQUARE D	Disconnect, Remote, Hoist	HST-DR08	3/1/2002				A-MH	Building G1,Ground,Room G1-129	99 - Building Systems
SQUARE D	Panel, Distribution	G3-DP1	12/31/2003				Elect - Panel	Building G2,Second,Room G2-201	95 - Major Electrical
SQUARE D	Panel, Instrument	G3-IP1	12/31/2003				Elect - Panel	Building G2,Second,Room G2-205	95 - Major Electrical
SQUARE D	Panel, Lighting	G3-LP1	12/31/2003				Elect - Panel	Building G2,Second,Room G2-205	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-G2-1A	12/31/2003				Elect - MCC	Building G2,Second,Room G2-206	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-G2-1B	12/31/2003				Elect - MCC	Building G2,Second,Room G2-206	95 - Major Electrical
Square D	Drive, Variable Frequency	EF-J-2001VFD	9/25/2000	61			Elect - Drive - Square D	Building J,Attic,Room J-A01	99 - Building Systems
Square D	Drive, Variable Frequency, Exhaust Fan, 75HP	EF-J-1002VFD	9/25/2000				Elect - Drive - Square D	Building J,Attic,Room J-A01	99 - Building Systems
SQUARE D	Panel, Distribution	J-DP3	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Distribution	J-DP4	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP10	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP11	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP8	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP9	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP12	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP13	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP14	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP15	9/25/2000				Elect - Panel	Building J,Basement,Room J-805	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP2	9/25/2000				Elect - Panel	Building J,Basement,Room J-807	95 - Major Electrical
Square D	Bucket, For Motor	EF-J-2002-BUC	9/25/2000				Elect - Bucket	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP1	9/25/2000				Elect - Panel	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Panel, Distribution	J-DP1	9/25/2000				Elect - Panel	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Panel, Distribution	J-DP2	9/25/2000				Elect - Panel	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Switchboard, Power Square D,	SWBD-J-1A	9/25/2000				Elect - Switchboard	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Switchboard, Power Square D,	SWBD-J-1B	9/25/2000				Elect - Switchboard	Building J,Basement,Room J-807	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP3	9/25/2000				Elect - Panel	Building J,Ground,Room J-106	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP5	9/25/2000				Elect - Panel	Building J,Ground,Room J-106	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP4	9/25/2000				Elect - Panel	Building J,Second,Room J-211	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP6	9/25/2000				Elect - Panel	Building J,Second,Room J-211	95 - Major Electrical
SQUARE D	Panel, Lighting	J-LP7	9/25/2000				Elect - Panel	Building J,Second,Room J-250	95 - Major Electrical
Square D	Bucket, For Motor	SF-K-1001A-BUC	3/18/2001		10242290.03		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical
Square D	Bucket, For Motor	SF-K-1001B-BUC	3/18/2001		10242290.04		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-K-1A	3/18/2001	MODEL 6			Elect - MCC	Building K,Ground,Room K-105	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D	MCC-K-1B	3/18/2001	MODEL 6			Elect - MCC	Building K,Ground,Room K-105	95 - Major Electrical
Square D	Bucket, For Motor	P13-2101-BUC	3/18/2001		10242290.04		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical
Square D	Bucket, For Motor	P13-2102-BUC	3/18/2001		10242290.03		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical
Square D	Bucket, For Motor	P13-2103-BUC	3/18/2001		10242290.04		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical
Square D	Bucket, For Motor	P13-2104-BUC	3/18/2001		10242290.04		Elect - Bucket	Building K,Ground,Room K-105	95 - Major Electrical

[illegible]

SQUARE D	Center, Motor Control, Square D, Side 2B	MCC-L-2B	7/7/2003	MODEL 6			Elect - MCC	Building L,Seventh,Room L-702,EL 93.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 2B	MCC-L-2C	7/7/2003	MODEL 6			Elect - MCC	Building L,Seventh,Room L-702,EL 93.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 2A	MCC-L-2D	7/7/2003	MODEL 6			Elect - MCC	Building L,Seventh,Room L-702,EL 93.33	95 - Major Electrical
SQUARE D	Panel, Power Distribution	L-DPF	6/26/2003				Elect - Panel	Building L,Seventh,Room L-704,EL 93.33	95 - Major Electrical
SQUARE D	Panel, Lighting Power	L-P13	6/26/2003				Elect - Panel	Building L,Seventh,Room L-704,EL 93.33	95 - Major Electrical
SQUARE D	Switchgear, L-1A	SWGR-L-1A	7/7/2003	POWER-ZONE III		F. O. # 12650556-004	Elect - Switchgear	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Switchgear, L-1B	SWGR-L-1B	7/7/2003	POWER-ZONE III		F. O. #	Elect - Switchgear	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1A	MCC-L-1A	7/7/2003	MODEL 6			Elect - MCC	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1B	MCC-L-1B	7/7/2003	MODEL 6			Elect - MCC	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1A	MCC-L-1C	7/7/2003	MODEL 6			Elect - MCC	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Center, Motor Control, Square D, Side 1B	MCC-L-1D	7/7/2003	MODEL 6			Elect - MCC	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Panel, Lighting Power	L-LP10	6/26/2003				Elect - Panel	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Panel, Power Distribution	L-DP1	6/26/2003	MH 50 WP			Elect - Panel	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Panel, Power Distribution	L-DP2	6/26/2003				Elect - Panel	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Panel, Power Distribution	L-DP3	6/26/2003				Elect - Panel	Building L,Third,Room L-302,EL 45.33	95 - Major Electrical
SQUARE D	Panel, Square D Distribution, 480 Panel	M-DP1	3/11/2004	NC445			Elect - Panel	Building M,Ground,Room M-101	95 - Major Electrical
SQUARE D	Panel, Instrument Power	M-IP1	3/11/2004	E2 SERIES		1.213E+16	Elect - Panel	Building M,Ground,Room M-101	95 - Major Electrical
SQUARE D	Panel, Square D Lighting	M-LP1	3/11/2004	MHC265			Elect - Panel	Building M,Ground,Room M-101	95 - Major Electrical
Square D	Bucket, For Motor	EF-M-1001-BUC	3/11/2004	6		13002627-001	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
Square D	Bucket, For Motor	AHU-M-1001-BUC	3/11/2004	6		13002627-001	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
Square D	Bucket, For Motor	AHU-M-1002-BUC	3/11/2004	6		13002627-001	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-M-1	3/11/2004	6		FO 13002627-001	Elect - MCC	Building M,Ground,Room M-101	95 - Major Electrical
SQUARE D	Bucket, For Right Motor	HTP-N-1001-BUC	4/19/2000	6		12042290-018	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Trolley Motor	M37-3701-BUC	4/19/2000	12 12042290 015			Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Right Motor	CRU-N-1001-BUC	4/19/2000	NQ0D442M225CU			Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Motor	EF-N-1002-BUC	4/19/2000	6		1204220-019	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Sluice Gate Operator Motor	G38-1501-BUC	4/19/2000	12 12042290 015			Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Sluice Gate Operator Motor	G38-1502-BUC	4/19/2000	12 12042290 015			Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
Square D	Bucket, For Motor	AHU-N-1001-BUC	4/19/2000	6		1204220-019	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
Square D	Bucket, For Motor	AHU-N-1002-BUC	4/19/2000	6		1204220-019	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
Square D	Bucket, For Motor	AHU-N-1003-BUC	4/19/2000	6		1204220-018	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
Square D	Bucket, For Motor	AHU-N-1004-BUC	4/19/2000	6		1204220-018	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Cleaning Blower Motor	B37-1501-BUC	4/19/2000	6		1204220-019	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-N-1A	4/19/2000	MODEL 6			Elect - MCC	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Center, Motor Control	MCC-N-1B	4/19/2000	MODEL 6		1204 2290-019	Elect - MCC	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Distribution For U.V.Lamps	N-DP1	4/19/2000	12 1204 2290-014			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Distribution For U.V.Lamps	N-DP2	4/19/2000	12 1204 2290-014			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Distribution For U.V.Lamps	N-DP3	4/19/2000	12 1204 2290-014			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Distribution	N-DP4	4/19/2000	12 1204 2290-015			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Instrumentation	N-IP1	4/19/2000	NQ0D424L100CU			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Panel, Lighting Power	N-LP1	4/19/2000	NQ0D442M225CU			Elect - Panel	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Motor	P37-3001-BUC	4/19/2000	MODEL 6		12042290-018	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Bucket, For Motor	P37-3002-BUC	4/19/2000	MODEL 6		12042290-019	Elect - Bucket	Building N,Ground,Room N-102	95 - Major Electrical
SQUARE D	Drive, Variable Frequency Supply Fan, Wet Well	VFD-FMR-4021D	7/22/2016				Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency Supply Fan Grinder	VFD-FMR-4022D	7/22/2016				Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency Exhaust Fan Odor Control	VFD-FMR-4020D	7/22/2016				Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency (Pump 3011)	VFD-FMR-3011	7/22/2016	MATRIX FILTER - MAPPO083C	CIRCUIT BREAKER - TLJ36175LV		Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency (Pump 3012)	VFD-FMR-3012	7/22/2016	MATRIX FILTER - MAPPO083C	CIRCUIT BREAKER - TLJ36175LV		Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Switchboard	SWBD-FMR-0015B	7/22/2016	POWER STYLE QED-2	CLASS 2700		Elect - Switchboard	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Panelboard, I Line	LP-FMR-1PB	7/22/2016				Elect - Switchboard	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency #1	VFD-FMR-4011	7/22/2016	*MATRIX FILTER MAPPO165C	CIRCUIT BREAKER JLL36250LV		Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
SQUARE D	Drive, Variable Frequency #2	VFD-FMR-4012	7/22/2016	*MATRIX FILTER MAPPO165C	CIRCUIT BREAKER JLL36250LV		Drive	Offsite - Four Mile Run,Ground Floor,Electrical Room 101	01 - Four Mile Run Pump Station
Square D	Panel, Odor, Control, Mark Center	SCADA-MC-1001	5/13/2011	Class 8539 Type SCT44	Series 2728622300100			Offsite - Mark Center Pump Station	04 - Mark Center Pump Station

EATON	Uninterrupted Power Supply, CP-46	UPS-20-CP46	10/16/2004	9130		GD492A0111	Elect - UPS	Building 20,Ground,Room 104	97 - SCADA
Eaton	Drive, Adjustable Frequency Pump #1	AFD21-5201	2/6/2003	SVX Series,			Elect - Drive - Robicon	Building 44,Second,Room 44-102	26 - WAS Pumping & Secondary Scum
Eaton	Drive, Adjustable Frequency Pump #2	AFD21-5202	2/6/2003	SVX Series,			Elect - Drive - Robicon	Building 44,Second,Room 44-102	26 - WAS Pumping & Secondary Scum
Eaton	Drive, Adjustable Frequency Pump #3	AFD21-5203	2/6/2003	SVX Series,			Elect - Drive - Robicon	Building 44,Second,Room 44-102	26 - WAS Pumping & Secondary Scum
Eaton	Drive, Adjustable Frequency Pump #4	AFD21-5204	2/6/2003	SVX Series,			Elect - Drive - Robicon	Building 44,Second,Room 44-102	26 - WAS Pumping & Secondary Scum
EATON	Drive, Adjustable Frequency (NMF)	F20-6301AFD	2/17/2014	CPX10014AA85P15N			Elect - Drive	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
EATON	Drive, Adjustable Frequency (NMF)	F20-6302AFD	2/17/2014	CPX10014AA85P15N			Elect - Drive	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
EATON	Drive, Adjustable Frequency (NMF)	F20-6303AFD	2/17/2014	CPX10014AA85P15N			Elect - Drive	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
EATON	Drive, Adjustable Frequency (NMF)	F20-6304AFD	2/17/2014	CPX10014AA85P15N			Elect - Drive	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
EATON	Transformer, Dry Type Low Voltage	60-TX-SFLP	2/17/2014				Elect - Drive-Adjustable Speed	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Transformer, Dry Type Low Voltage	60-TX1C	2/17/2014				Elect - Drive-Adjustable Speed	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Transformer, Dry Type Low Voltage	60-TX1B	2/17/2014				Elect - Drive-Adjustable Speed	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Transformer, Dry Type Low Voltage	60-TX1A	2/17/2014				Elect - Drive-Adjustable Speed	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-LP1	2/17/2014				Elect - Drive-Adjustable Speed	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-SFLP	2/17/2014				Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-IP1	2/17/2014	EZBP2036R			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-LUPS	2/17/2014	EZBP2036R			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-LP2	2/17/2014	EZBP2036R			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-DP2	2/17/2014	EZBP2060R			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-SFDP	2/17/2014	N4X2460N			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-DP1	2/17/2014	BX24730DP			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	PanelBoard, Surface Mount Cabinet	60-DP3	2/17/2014	BX24730DP			Elect - Panel	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	SwitchGear, Low Voltage Magnum DS (Back)	SWGR 60-1	6/5/2015				Elect - Switchgear	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	SwitchGear, Low Voltage Magnum DS (Front)	SWGR 60-2	6/5/2015	NRX FRONT ACCESS			Elect - Switchgear	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Center, Motor Control Low Voltage	MCC-60-1	6/5/2015				Elect - Switchgear	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Supply,Interruptable Power #1	UPS-60-1	6/5/2015	PW9130B3000R-XL2UEU	EATON POWERWARE 9130-3000VA		Elect - UPS	Building 60,Elevation 22,Electrical Room 60-104	20 - Primary Effluent Pumping & NMF
EATON	Switch, Automatic Transfer Generator	GEN-60-1001TS	12/30/2015	ATV1MGA32000XSU			Elect - Switch	Building 60,Outside	20 - Primary Effluent Pumping & NMF
EATON CORPORATION	Fan, Exhaust 1001 VFD	VFD-69-1001	3/25/2015				Fan	Building 69,Basement,Room 69-803	69 - Centrate Pretreatment
Powerware Eaton	Uninterrupted Power Supply, CP13	UPS-A-CP13	12/23/2004	PW9120 3000			Elect - UPS	Building A,Ground,Room A-106,EL 17.75	97 - SCADA
Eaton	Pow-R-Line Panelboard	F-N39-DP5	6/12/2015	P30250B842TH4X-N-DPS		MLY 0006680-0181	Elect - Panel - Control	Building F,Basement,Room F-B01	39 - Reclaimed Water

Eaton	Pow-R-Line Panelboard	F-N39-BF1	6/12/2015	P3D250BT30TH4X-N-BF1		MLY 0006680-0201	Elect - Panel - Control	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Pow-R-Line Panelboard	F-N39-DP51	6/12/2015	P3D250BT12TH4X-N-DP51		MLY 0006680-0191	Elect - Panel - Control	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Switchboard,Secondary PRL-C	F-PRL-T1	6/12/2015	Pow-R-Line C		MYL0006680-021	Elect - Switchboard	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Switchboard,Secondary PRL-C	F-PRL-T2	6/12/2015	Pow-R-Line C		MYL0006680-022	Elect - Switchboard	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Switchboard,Secondary PRL-C	F-PRL-T3	6/12/2015	Pow-R-Line C		MYL0006680-039	Elect - Switchboard	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Switchboard,Secondary PRL-C	F-PRL-T4	6/12/2015	Pow-R-Line C			Elect - Switchboard	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	F-N39-LP2	6/12/2015	P48G11S25CUB			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-LP51	6/12/2015	P48G28T3056CUB			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-LP5	6/12/2015	P48G28T3056CUB			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-LPB1	6/12/2015	P48G11S10CUB			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD1A	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD1B	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD2A	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD2B	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD3A	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
Eaton	Transformer, Dry Type - Mini Power Center	N-39-PCD3B	6/12/2015	T48M11807CUG6			Elect - Transformer	Building F,Basement,Room F-B01	39 - Reclaimed Water
EATON	Uninterrupted Power Supply, CP-22	UPS-F-CP22	2/7/2003	9130			Elect - UPS	Building F,Ground,Room F-102	97 - SCADA
EATON	Motor, Hoist	HST-EBHM08	2/28/1977	406425000000		454113Y	Elect - Motor AC	Building F,Ground,Room F-103	99 - Building Systems
Eaton	Uninterrupted Power Supply, FP111	UPS-K-FP111	3/18/2001	PW9130L0001-XL		246A0488	Elect - UPS	Building K,Basement,Room K-B01	97 - SCADA
Eaton	Uninterrupted Power Supply, CP11	UPS-K-CP11	3/18/2001	PW9130L3000T-XL		GC135A0050	Elect - UPS	Building K,Ground,Room K-105	97 - SCADA
Eaton	Motor Control Center #12A	MCC-39-12A	6/12/2015	Freedom F2100 MCC		MLY 0006680-007	Elect - MCC	Building N,Ground,Room N-102	39 - Reclaimed Water
Eaton	Motor Control Center #12A	MCC-39-12B	6/12/2015	Freedom F2100 MCC		MLY 0006680-007	Elect - MCC	Building N,Ground,Room N-102	39 - Reclaimed Water
Eaton	Motor Control Center N #1A	MCC-39-N-1A	6/12/2015	Freedom F2100 MCC		MLY 0006680-008	Elect - MCC	Building N,Ground,Room N-102	39 - Reclaimed Water
Eaton	Motor Control Center N #1B	MCC-39-N-1B	6/12/2015	Freedom F2100 MCC		MLY 0006680-008	Elect - MCC	Building N,Ground,Room N-102	39 - Reclaimed Water
Eaton 9130	Uninterrupted Power Supply, CP-21	UPS-N-CP21	4/13/2000	PW9130L2000T-XL		GF233A0245	Elect - UPS	Building N,Ground,Room N-103	97 - SCADA
Eaton 9130	Uninterrupted Power Supply, FP37-1000	UPS-N-FP37-1000	4/13/2000	PW9130L15000T-XL		GF063A0429	Elect - UPS	Building N,Ground,Room N-103	37 - UV Disinfection

Trojan UV	Reactor, UV #1A	UVR-39-1001A	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	53 - Potable Water (W1 and W2)
Trojan UV	Reactor, UV #1A	UVR-39-1001B	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	39 - Reclaimed Water
Trojan UV	Reactor, UV #2A	UVR-39-1002A	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	39 - Reclaimed Water
Trojan UV	Reactor, UV #2B	UVR-39-1002B	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	39 - Reclaimed Water
Trojan UV	Reactor, UV #3A	UVR-39-1003A	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	39 - Reclaimed Water
Trojan UV	Reactor, UV #3B	UVR-39-1003B	2/28/1977	TROJANUVFIT		112325-01R	UV Reactor	Building F,Basement,Room F-B01	39 - Reclaimed Water
TROJAN	Bank, UV Lamp	M37-1001LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1002LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1003LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1004LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1005LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1006LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1101LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1102LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1103LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1104LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1105LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #1Uv Channel	PDC37-1001	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #2 Uv Channel	PDC37-1002	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #3 Uv Channel	PDC37-1003	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #4 Uv Channel	PDC37-1004	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #5 Uv Channel	PDC37-1005	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #6 Uv Channel	PDC37-1006	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #3 Uv Channel	PDC37-1103	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
Trojan	Center, Power Distribution West Lamp Bank, #4 Uv Channel	PDC37-1104	4/19/2000	UV3000			Elect - Panel	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Bank, UV Lamp	M37-1106LB	4/19/2000	UV3000		742	Elect - Lamp	Building N,Ground,Room N-101	37 - UV Disinfection
TROJAN	Panel, Field, U.V. Control, Trojan, Panel View, 2711-T14C /A	FP37-1000	4/19/2000	UV 3000 - SCC TYPE D		5CC00742	Elect - Panel - Field	Building N,Ground,Room N-103	37 - UV Disinfection

GARDNER DENVER	Compressor, Digester Gas Booster	M73-1701C	2/15/2005	3110		P006141	Compressor - Gas Booster	Building 20,Ground,Room 103	73 - Digester Gas Utilization & Disposal
GARDNER DENVER	Compressor, Digester Gas Booster	M73-1702C	2/15/2005	3110		P006140	Compressor - Gas Booster	Building 20,Ground,Room 103	73 - Digester Gas Utilization & Disposal
GARDNER DENVER	Blower, Post Aeration	B38-1001B	4/19/2000	GDHBKCA		98209L23 1 5061314	Blower	Building F,Basement,Room F-B03	38 - Post Aeration
GARDNER DENVER	Blower, Post Aeration	B38-1002B	4/19/2000	GDHBKCA		98209L23 2 5061313	Blower	Building F,Basement,Room F-B03	38 - Post Aeration
GARDNER DENVER	Blower, Post Aeration	B38-1003B	4/19/2000	GDHBKCA		5061314	Blower	Building F,Basement,Room F-B03	38 - Post Aeration
GARDNER DENVER	Aftercooler	M48-1001AC	3/1/2002		EC-1014-87718	GD-5777	Aftercooler	Building G1,Basement,Room G1-B11	48 - Plant Compressed Air
GARDNER DENVER	Compressor	M48-1001C	3/1/2002	EBH99D		S100612	Compressor - Air	Building G1,Basement,Room G1-B11	48 - Plant Compressed Air
GARDNER DENVER	Aftercooler	M48-1002AC	3/1/2002		EC-1014-87718	GD-5777	Aftercooler	Building G1,Basement,Room G1-B11	48 - Plant Compressed Air
GARDNER DENVER	Compressor	M48-1002C	3/1/2002	EBH99D		S100611	Compressor - Air	Building G1,Basement,Room G1-B11	48 - Plant Compressed Air
GARDNER DENVER	Separator, Oil/Water	M48-1003S	3/1/2002	CTS60			Separator	Building G1,Basement,Room G1-B11	48 - Plant Compressed Air
GARDNER DENVER	Blower, Air Scouring, #4	B36-1004B	7/15/2002	GGDCAADA, DURAFLOW		S1009179	Blower	Building G6,Second,Room G6-301, EL 38.0	36 - Filter Air Scour
GARDNER DENVER	Compressor, West	AC-L-1001C	12/3/2002	EBH99D		S089048	Compressor - Air	Building L,Basement,Room L-B04,EL -2.50	48 - Plant Compressed Air
GARDNER DENVER	Separator, Oil/Water	AC-L-1001S	6/26/2003	CTS15			Separator	Building L,Basement,Room L-B04,EL -2.50	48 - Plant Compressed Air
GARDNER DENVER	Compressor, East	AC-L-1002C	12/3/2002	EBH99D		S089049	Compressor - Air	Building L,Basement,Room L-B04,EL -2.50	48 - Plant Compressed Air

GOULDS PUMPS	Pump, Heat Exchanger CPT#1	P-69-3001P	3/25/2015	3996 4X6-13		BF780F460-1	Pump - Centrifugal	Building 69,Basement,Room 69-B01	69 - Centrate Pretreatment
GOULDS PUMPS	Pump, Heat Exchanger CPT#2	P-69-3002P	3/25/2015	3996 4X6-13		BF780F460-2	Pump - Centrifugal	Building 69,Basement,Room 69-B01	69 - Centrate Pretreatment
GOULDS PUMPS	Pump, Heat Exchanger CPT#3	P-69-3003P	3/25/2015	3996 1.5X2-8		BF780F461	Pump - Centrifugal	Building 69,Basement,Room 69-B01	69 - Centrate Pretreatment
GOULDS	Pump, Centrifugal, Dewatering Centrate Return	P60-3101P	10/31/2005	3196		786E806.1	Pump - Centrifugal	Building C,Basement,Room C-B03	60 - Gravity Thickening
GOULDS	Pump, Centrifugal, Dewatering Centrate Return	P60-3102P	10/31/2005	3196		786E806.2	Pump - Centrifugal	Building C,Basement,Room C-B03	60 - Gravity Thickening
GOULDS PUMP INC.	Pump, Diaphragm, Ferric Chloride, Goulds 3298	P40-2301P	6/26/2003	3298		7.6E+55	Pump - PD Diaphragm	Building L,Basement,Room L-B01,EL -2.50	40 - Ferric Chloride Feed
GOULDS PUMP INC.	Pump, Centrifugal, Alum Transfer, Goulds 3298	P41-1901P	6/26/2003	3298		760E052.1	Pump - Centrifugal	Building L,Basement,Room L-B02,EL -2.50	41 - Alum Feed
GOULDS PUMP INC.	Pump, Centrifugal, Alum Transfer, Goulds 3298	P41-1002P	6/26/2003	3298		760E052.2	Pump - Centrifugal	Building L,Basement,Room L-B02,EL -2.50	41 - Alum Feed
GOULDS	Pump, Centrifugal, VFA Recycle, Goulds 3196	P67-1601P	6/26/2003	3196		760E050.1	Pump - Centrifugal	Building L,Basement,Room L-B03,EL -2.50	67 - VFA Centrate Recycle
GOULDS	Pump, Centrifugal, VFA Recycle, Goulds 3196	P67-1602P	6/26/2003	3196		760E050.2	Pump - Centrifugal	Building L,Basement,Room L-B03,EL -2.50	67 - VFA Centrate Recycle
GOULDS	Pump, Seal Water System #1	SWS-FNR-1001-P1	6/24/2016	35V6GD4F60N	V-07742PE		Pump - Centrifugal	Offsite - Four Mile Run,Basement,Pump Room	01 - Four Mile Run Pump Station
GOULDS	Pump, Seal Water System #2	SWS-FNR-1001-P2	6/24/2016	35V6GD4F60N	V-07742PE		Pump - Centrifugal	Offsite - Four Mile Run,Basement,Pump Room	01 - Four Mile Run Pump Station
Goulds	Pump, Sump, Submersible	SP-PY-1001P	7/16/2009	3885		H0868415	Pump - Submersible	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B01	02 - Potomac Yards Pump Station
Goulds	Pump, Sump, Submersible	SP-PY-1002P	7/16/2009	3885		H0868416	Pump - Submersible	Offsite - Potomac Yard Pump Station,Stairwells,PYP5-S1	02 - Potomac Yards Pump Station



MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2401P	7/13/2005	1H175G1 CDQ DAA		AS4037502A-6	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2402P	7/13/2005	1H175G1 CDQ DAA		AS4037502A-5	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2403P	7/13/2005	1H175G1 CDQ DAA		AS403750A-2	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2404P	7/13/2005	1H175G1 CDQ DAA		AS4037502A-8	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2405P	2/15/2005	1H175G1 CDQ DAA		AS4037502A-4	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2406P	2/15/2005	1H175G1 CDQ DAA		AS4037502A-7	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2407P	2/15/2005	1H175G1 CDQ DAA		AS4037502A-1	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity, Digested Sludge, Transfer, Moyno 1H175G1 CDQ DAA	P70-2408P	2/15/2005	1H175G1 CDQ DAA		AS4037502A-3	Pump - PD Progressive Cavity	Building 20,Basement,Room 801	70 - Digested Sludge
MOYNO	Pump, Progressive Cavity	P34-7101P	8/5/2003	36701		Z54783300-1	Pump - PD Progressive Cavity	Building G4,Second,Room G4-OG	34 - Filtration
MOYNO	Pump, Progressive Cavity	P34-7102P	8/5/2003	36701		Z54783300-2	Pump - PD Progressive Cavity	Building G4,Second,Room G4-OG	34 - Filtration
MOYNO	Pump, Progressive Cavity, Concentrated Scum,	P17-1601P	3/18/2001	1L10-CDQ AAA			Pump - PD Progressive Cavity	Building K,Ground,Room K-103	17 - Primary Scum Concentration
MOYNO	Pump, Progressive Cavity, Dewatering Centrifuge Feed, Moyno 2000 4H115G1-CDQ SAA	P80-1501P	7/7/2003	4H115G1CDQSAA		AS4766099-1	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	80 - Centrifuge Dewatering
MOYNO	Pump, Progressive Cavity, Dewatering Centrifuge Feed, Moyno 2000 4H115G1-CDQ SAA	P80-1502P	7/7/2003	4H115G1CDQSAA		AS4766099-2	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	80 - Centrifuge Dewatering
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1305P	6/26/2003	2H115G1CDQSAA		AS4765999-5	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	66 - Thickened Sludge Equalization
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1306P	6/26/2003	2H115G1CDQSAA		AS4765999-4	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	66 - Thickened Sludge Equalization
MOYNO	Pump, Progressive Cavity, VFA Centrifuge Feed, Moyno 2000 4H115G1-CDQ SAA	P64-6601P	7/7/2003	4H115G1CDQSAA		AS4765899-1	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	64 - Mechanical Thickening
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1302P	6/26/2003	2H115G1CDQSAA		AS4765999-1	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	66 - Thickened Sludge Equalization
MOYNO	Pump, Progressive Cavity, Dewatering Centrifuge Feed, Moyno 2000 4H115G1-CDQ SAA	P80-1503P	7/7/2003	4H115G1CDQSAA		AS4766099-2	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	80 - Centrifuge Dewatering
MOYNO	Pump, Progressive Cavity, VFA Centrifuge Feed, Moyno 2000 4H115G1-CDQ SAA	P64-6602P	7/7/2003	4H115G1CDQSAA		AS4765899-2	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	64 - Mechanical Thickening
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1301P	6/26/2003	2H115G1CDQSAA		AS4765999-3	Pump - PD Progressive Cavity	Building L,Basement,Room L-803,EL -2.50	66 - Thickened Sludge Equalization
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1303P	6/26/2003	2H115G1CDQSAA		AS4765999-2	Pump - PD Progressive Cavity	Building L,Basement,Room L-810,EL -2.50	66 - Thickened Sludge Equalization
MOYNO	Pump, Progressive Cavity, Thickened Sludge, Moyno 2000 2H115G1CDQSAA	P66-1304P	6/26/2003	2H115G1CDQSAA		AS4765999-6	Pump - PD Progressive Cavity	Building L,Basement,Room L-810,EL -2.50	66 - Thickened Sludge Equalization

Groth	Valve, Check, 6" Digester Gas Mixing Compressor 1	V72-1901	7/13/2005	8100-06-1-FO		113088-30-3	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 2	V72-1902	7/13/2005	8100-06-1-FO		113088-30-6	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 3	V72-1903	7/13/2005	8100-06-1-FO		113088-30-4	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 1	V72-2001	7/13/2005	8100-06-1-FO		113088-30-5	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 2	V72-2002	7/13/2005	8100-06-1-FO		113088-30-1	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 3	V72-2003	7/13/2005	8100-06-1-FO		113088-30-2	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 1	V72-1501	7/13/2005	8110-10-1-FO		113088-40-3	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 2	V72-1502	7/13/2005	8110-10-1-FO		113088-40-4	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 1	V72-1701	7/13/2005	8110-10-1-FO		113088-40-	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 2	V72-1702	7/13/2005	8110-10-1-FO		113088-40-	Valve	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1301	7/13/2005	8500A-10-1111-0		113088-20-6	Trap - Flame	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1302	7/13/2005	8500A-10-1111-0		113088-20-7	Trap - Flame	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1401	7/13/2005	8500A-10-1111-0		113088-20-5	Trap - Flame	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1402	7/13/2005	8500A-10-1111-0		113088-20-8	Trap - Flame	Building 20,Ground,Room 102	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1403	2/15/2005	8500A-10-1111-0		113088-20-2	Trap - Flame	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1404	2/15/2005	8500A-10-1111-0		113088-20-4	Trap - Flame	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1303	2/15/2005	8500A-10-1111-0		113088-20-1	Trap - Flame	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Assembly, Flame Trap w/Thermal Valve, Sediment Trap	M72-1304	2/15/2005	8500A-10-1111-0		113088-20-3	Trap - Flame	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 3	V72-1703	2/15/2005	8110-10-1-FO		113088-40-2	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 4	V72-1704	2/15/2005	8110-10-1-FO		113088-40-6	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 3	V72-1503	2/15/2005	8110-10-1-FO		113088-40-1	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 10" Back Pressure, Digester Gas Moisture Removal 4	V72-1504	2/15/2005	8110-10-1-FO		113088-40-5	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 4	V72-2004	2/15/2005	8100-06-1-FO		113088-30-12	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 5	V72-2005	2/15/2005	8100-06-1-FO		113088-30-8	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 6	V72-2006	2/15/2005	8100-06-1-FO		113088-30-9	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 8" Digester Gas Booster Compressor 1	V73-2001	7/13/2005	8100-08-1-FO		113088-50-1	Valve	Building 20,Ground,Room 103	73 - Digester Gas Utilization & Disposal
Groth	Valve, Check, 8" Digester Gas Booster Compressor 2	V73-2002	7/13/2005	8100-08-1-FO		113088-50-2	Valve	Building 20,Ground,Room 103	73 - Digester Gas Utilization & Disposal
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 4	V72-1904	2/15/2005	8100-06-1-FO		113088-30-11	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 5	V72-1905	2/15/2005	8100-06-1-FO		113088-30-10	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Valve, Check, 6" Digester Gas Mixing Compressor 6	V72-1906	2/15/2005	8100-06-1-FO		113088-30-7	Valve	Building 20,Ground,Room 103	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 1A	DSP 1A	7/13/2005	6100-08-1-8DO		113088-80-8	Port - Sampling	Building 20,Second,DIG1	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 1B	DSP 1B	7/13/2005	6100-08-1-8DO		113088-80-2	Port - Sampling	Building 20,Second,DIG1	72 - Digester Gas
Groth	Valve, Explosion Relief	PSV72-1301	7/13/2005	2300 A-06-115-T00		113088-60-2	Valve	Building 20,Second,DIG1	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breakerw/Flame Arrester, Digester 1	PRVV8FA-1A	7/13/2005	8800 A-06-1151-T00		113088-70-6	Valve	Building 20,Second,DIG1	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breakerw/Flame Arrester, Digester 1	PRVV8FA-1B	7/13/2005	8800 A-06-1151-T00		113088-70-5	Valve	Building 20,Second,DIG1	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breakerw/Flame Arrester, Digester 2	PRVV8FA-2A	7/13/2005	8800 A-06-1151-T00		113088-70-3	Valve	Building 20,Second,DIG2	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breakerw/Flame Arrester, Digester 2	PRVV8FA-2B	7/13/2005	8800 A-06-1151-T00		113088-70-8	Valve	Building 20,Second,DIG2	72 - Digester Gas
Groth	Valve, Explosion Relief	PSV72-1302	7/13/2005	2300 A-06-115-T00		113088-60-1	Valve	Building 20,Second,DIG2	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 2A	DSP 2A	7/13/2005	6100-08-1-8DO		113088-80-7	Port - Sampling	Building 20,Second,DIG2	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 2B	DSP 2B	7/13/2005	6100-08-1-8DO		113088-80-1	Port - Sampling	Building 20,Second,DIG2	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 3A	DSP 3A	2/15/2005	6100-08-1-8DO		113088-80-5	Port - Sampling	Building 20,Second,DIG3	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 3B	DSP 3B	2/15/2005	6100-08-1-8DO		113088-80-3	Port - Sampling	Building 20,Second,DIG3	72 - Digester Gas
Groth	Valve, Explosion Relief	PSV72-1303	7/13/2005	2300 A-06-115-T00		113088-60-3	Valve	Building 20,Second,DIG3	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breakerw/Flame Arrester, Digester 3	PRVV8FA-3A	2/15/2005	8800 A-06-1151-T00		113088-70-2	Valve	Building 20,Second,DIG3	72 - Digester Gas

Groth	Valve, Pressure Relief And Vacuum Breaker/Flame Arrester, Digester 3	PRVVBFA-3B	2/15/2005	8800 A-06-1151-T00		113088-70-7	Valve	Building 20,Second,DIG3	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breaker/Flame Arrester, Digester 4	PRVVBFA-4A	2/15/2005	8800 A-06-1151-T00		113088-70-1	Valve	Building 20,Second,DIG4	72 - Digester Gas
Groth	Valve, Pressure Relief And Vacuum Breaker/Flame Arrester, Digester 4	PRVVBFA-4B	2/15/2005	8800 A-06-1151-T00		113088-70-4	Valve	Building 20,Second,DIG4	72 - Digester Gas
Groth	Valve, Explosion Relief	PSV72-1304	7/13/2005	2300 A-06-115-T00		113088-60-4	Valve	Building 20,Second,DIG4	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 4A	DSP 4A	2/15/2005	6100-08-1-8D0		113088-80-4	Port - Sampling	Building 20,Second,DIG4	72 - Digester Gas
Groth	Port, Digester Sampling, Digester 4B	DSP 4B	2/15/2005	6100-08-1-8D0		113088-80-6	Port - Sampling	Building 20,Second,DIG4	72 - Digester Gas

Polychem	Chain & Flights Tank 1	M15-2101CF	2/22/2008				Chain & Flights	Building 22,Ground,PST1	15 - Primary Settling
Polychem	Chain & Flights Tank 2	M15-2102CF	1/26/2008				Chain & Flights	Building 22,Ground,PST2	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 3	M15-2103CF	12/19/2007				Chain & Flights	Building 22,Ground,PST3	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 4	M15-2104CF	11/13/2007				Chain & Flights	Building 22,Ground,PST4	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 5	M15-2105CF	10/16/2007				Chain & Flights	Building 22,Ground,PST5	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 6	M15-2106CF	9/19/2007				Chain & Flights	Building 22,Ground,PST6	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 7	M15-2107CF	7/7/2007				Chain & Flights	Building 22,Ground,PST7	15 - Primary Settling
Polychem Systems	Chain & Flights Tank 8	M15-2108CF	8/8/2007				Chain & Flights	Building 22,Ground,PST8	15 - Primary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 1	M23-3101CF	8/23/2006				Tank - Chain & Flights	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 1	M23-3101SBH	8/23/2006				Tank - Hardware	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 1	M23-3201CF	8/23/2006				Tank - Chain & Flights	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 1	M23-3201SBH	8/23/2006				Tank - Hardware	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 1	M23-3301CF	8/23/2006				Tank - Chain & Flights	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 1	M23-3301SBH	8/23/2006				Tank - Hardware	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 1	M23-3401CF	8/23/2006				Tank - Chain & Flights	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 1	M23-3401SBH	8/23/2006				Tank - Hardware	Building 23,Ground,SS11	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 2	M23-3402CF	10/10/2006				Tank - Chain & Flights	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 2	M23-3402SBH	10/10/2006				Tank - Hardware	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 2	M23-3502CF	10/10/2006				Tank - Chain & Flights	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 2	M23-3502SBH	10/10/2006				Tank - Hardware	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 2	M23-3602CF	10/10/2006				Tank - Chain & Flights	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 2	M23-3602SBH	10/10/2006				Tank - Hardware	Building 23,Ground,SS12	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 3	M23-3103CF	3/2/2007				Tank - Chain & Flights	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 3	M23-3103SBH	3/2/2007				Tank - Hardware	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 3	M23-3203CF	3/2/2007				Tank - Chain & Flights	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 3	M23-3203SBH	3/2/2007				Tank - Hardware	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 3	M23-3303CF	3/2/2007				Tank - Chain & Flights	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 3	M23-3303SBH	3/2/2007				Tank - Hardware	Building 23,Ground,SS13	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 4	M23-3404CF	1/1/1991				Tank - Chain & Flights	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 4	M23-3404SBH	12/6/2006				Tank - Hardware	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 4	M23-3504CF	1/1/1991				Tank - Chain & Flights	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 4	M23-3504SBH	12/6/2006				Tank - Hardware	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 4	M23-3604CF	10/10/2006				Tank - Chain & Flights	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 4	M23-3604SBH	12/6/2006				Tank - Hardware	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Chain & Flights, Longitude Sludge Collector Tank 4	M23-3704CF	10/10/2006				Tank - Chain & Flights	Building 23,Ground,SS14	23 - Secondary Settling
Polychem	Shafts, Brgs. Hardware, Collector, Sludge Longitude Tank 4	M23-3704SBH	12/6/2006				Tank - Hardware	Building 23,Ground,SS14	23 - Secondary Settling
POLYCHEM CORP.	Chain & Flights Tank 1	M31-2601CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS11	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2601	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS11	31 - Tertiary Settling
POLYCHEM CORP.	Elect - Panel - FieldPanel, Flight Control	FP31-2602	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS12	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 2	M31-2602CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS12	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2603	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS13	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 3	M31-2603CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS13	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 4	M31-2604CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS14	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2604	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS14	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2605	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS15	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 5	M31-2605CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS15	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 6	M31-2606CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS16	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2606	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS16	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2607	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS17	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 7	M31-2607CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS17	31 - Tertiary Settling
POLYCHEM CORP.	Chain & Flights Tank 8	M31-2608CF	7/15/2002				Chain & Flights	Building G3,Second,Room G3-TS18	31 - Tertiary Settling
POLYCHEM CORP.	Panel, Flight Control	FP31-2608	7/15/2002				Elect - Panel - Field	Building G3,Second,Room G3-TS18	31 - Tertiary Settling

DODGE	Gear Reducer	M12-3201GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	12 - Fine Screening
DODGE	Gear Reducer	M12-3202GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	12 - Fine Screening
DODGE	Gear Reducer	M13-3001GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	13 - Grit Removal/Clarifiers
DODGE	Gear Reducer	M13-3002GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	13 - Grit Removal/Clarifiers
DODGE	Gear Reducer	M13-2901GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	13 - Grit Removal/Clarifiers
DODGE	Gear Reducer	M13-2902GR	3/18/2001	SCX7625			Gear Reducer	Building K,Second,Room K-203	13 - Grit Removal/Clarifiers
DODGE	Gear Reducer	M12-3101GR	3/18/2001	SCX7525B			Gear Reducer	Building K,Second,Room K-205	12 - Fine Screening
DODGE	Gear Reducer	M12-3102GR	3/18/2001	SCX7525B			Gear Reducer	Building K,Second,Room K-205	12 - Fine Screening
DODGE	Reducer, Dewatering Centrifuge Feed Pump, Dodge APG 320-DM6A	P80-1501R	7/7/2003	APG 320-DM6A	M669063001EC		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	80 - Centrifuge Dewatering
DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1305R	6/26/2003	APG 250-DM5A	669062001DC 079163-74-AF		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	66 - Thickened Sludge Equalization
DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1306R	6/26/2003	APG 250-DM5A	669062001DC 079163-74-AF		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	66 - Thickened Sludge Equalization
DODGE	Reducer, VFA Centrifuge Feed Pump, APG 320-DM6A	P64-6601R	7/7/2003	320-DM6A	669062001DC 079163-74-AF		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	64 - Mechanical Thickening
DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1302R	6/26/2003	APG 250-DM5A	669063001EC		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	66 - Thickened Sludge Equalization
DODGE	Reducer, Dewatering Centrifuge Feed Pump, Dodge APG 320-DM6A	P80-1502R	7/7/2003	APG 320-DM6A	M669063001EC		Gear Reducer	Building L,Basement,Room L-803,EL -2-50	80 - Centrifuge Dewatering
DODGE	Reducer, Dewatering Centrifuge Feed Pump, Dodge APG 320-DM6A	P80-1503R	7/7/2003	APG 320-DM6A			Gear Reducer	Building L,Basement,Room L-803,EL -2-50	80 - Centrifuge Dewatering
DODGE	Reducer, VFA Centrifuge Feed Pump, Dodge APG 320-DM6A	P64-6602R	7/7/2003	320-DM6A			Gear Reducer	Building L,Basement,Room L-803,EL -2-50	64 - Mechanical Thickening
DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1301R	6/26/2003	APG 250-DM5A			Gear Reducer	Building L,Basement,Room L-803,EL -2-50	66 - Thickened Sludge Equalization
DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1303R	6/26/2003	APG 250-DM5A			Gear Reducer	Building L,Basement,Room L-810,EL -2-50	66 - Thickened Sludge Equalization

DODGE	Reducer, Thickened Sludge Pump, Dodge APG 250-DM5A	P66-1304R	6/26/2003	APG 250-DM5A	ID# 6690620010C 079163-74-AF		Gear Reducer	Building L_Basement,Room L-B10,EL -2.50	66 - Thickened Sludge Equalization
NORD	Reducer, Digested Sludge Transfer Pump	P70-2401R	7/13/2005	SK52N28TC		80033265750000-4	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2402R	7/13/2005	SK52N28TC		80033265750000-7	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2403R	7/13/2005	SK52N28TC		80033265750000-6	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2404R	7/13/2005	SK52N28TC		80033265750000-3	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2405R	2/15/2005	SK52N28TC		80033265750000-5	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2406R	2/15/2005	SK52N28TC		80033265750000-1	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2407R	2/15/2005	SK52N28TC		80033265750000-2	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Digested Sludge Transfer Pump	P70-2408R	2/15/2005	SK52N28TC		80033265750000-8	Gear Reducer	Building 20,Basement,Room B01	70 - Digested Sludge
NORD	Reducer, Cross Collector, PST1	M15-2101CR	3/12/2004	SK52/12 56C2.0		810338421000-02	Gear Reducer	Building 22,Ground,PST1	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST1	M15-2101LR	3/12/2004	SK63/23 56C2.0		800131000000	Gear Reducer	Building 22,Ground,PST1	15 - Primary Settling
NORD	Reducer, Cross Collector, PST2	M15-2102CR	3/12/2004	SK52/12 56C2.0		800131000000	Gear Reducer	Building 22,Ground,PST2	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST2	M15-2102LR	3/12/2004	SK63/23 56C2.0		800131000000	Gear Reducer	Building 22,Ground,PST2	15 - Primary Settling
NORD	Reducer, Cross Collector, PST3	M15-2103CR	3/12/2004	SK52/12 56C2.0		199910000000	Gear Reducer	Building 22,Ground,PST3	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST3	M15-2103LR	3/12/2004	SK63/23 56C2.0		199910000000	Gear Reducer	Building 22,Ground,PST3	15 - Primary Settling
NORD	Reducer, Cross Collector, PST4	M15-2104CR	3/12/2004	SK52/12 56C2.0		991690103	Gear Reducer	Building 22,Ground,PST4	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST4	M15-2104LR	3/12/2004	SK63/23 56C2.0		991690101	Gear Reducer	Building 22,Ground,PST4	15 - Primary Settling
NORD	Reducer, Cross Collector, PST5	M15-2105CR	9/24/2007	SK52/12 56C2.0		800131000000	Gear Reducer	Building 22,Ground,PST5	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST5	M15-2105LR	3/12/2004	SK63/23 56C2.0		8103480000000000	Gear Reducer	Building 22,Ground,PST5	15 - Primary Settling
NORD	Reducer, Cross Collector, PST6	M15-2106CR	3/12/2004	SK52/12 56C2.0		8102350000000000	Gear Reducer	Building 22,Ground,PST6	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST6	M15-2106LR	3/12/2004	SK63/23 56C2.0		8103380000000000	Gear Reducer	Building 22,Ground,PST6	15 - Primary Settling
NORD	Reducer, Cross Collector, PST7	M15-2107CR	3/12/2004	SK52/12 56C2.0		8102350000000000	Gear Reducer	Building 22,Ground,PST7	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST7	M15-2107LR	3/12/2004	SK63/23 56C2.0		8102350000000000	Gear Reducer	Building 22,Ground,PST7	15 - Primary Settling
NORD	Reducer, Cross Collector, PST8	M15-2108CR	8/15/2006	SK52/12 56C2.0		810338421000-01	Gear Reducer	Building 22,Ground,PST8	15 - Primary Settling
NORD	Reducer, Longitudinal Collector, PST8	M15-2108LR	3/12/2004	SK63/23 56C2.0		8102350000000000	Gear Reducer	Building 22,Ground,PST8	15 - Primary Settling
NORD	Reducer, Gear	M31-4101G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T1	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4201G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T1	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4301G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T1	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4401G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T1	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4402G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T2	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4302G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T2	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4202G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T2	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4102G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T2	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4103G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T3	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4203G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T3	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4303G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T3	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4403G	7/15/2002	HELICAL		18428A	Gear Reducer	Building G3,Second,Room G3-T5T3	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4404G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T4	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4304G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T4	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4204G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T4	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4104G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T4	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4105G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T5	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4205G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T5	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4305G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T5	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4405G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T5	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4406G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T6	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4306G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T6	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4206G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T6	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4106G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T6	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4107G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T7	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4307G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T7	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4407G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T7	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4207G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T7	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4208G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T8	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4408G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T8	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4308G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T8	31 - Tertiary Settling
NORD	Reducer, Gear	M31-4108G	7/15/2002	HELICAL		2000040000000000	Gear Reducer	Building G3,Second,Room G3-T5T8	31 - Tertiary Settling
NORD	Reducer, Polymer Feed Pump, Gravity Thickener 1, Nord SK 92172	P61-2317R	6/26/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Gravity Thickener 2, Nord SK 92172	P61-2318R	6/26/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Primary/Secondary Settling, Nord SK 92172	P58-2701R	7/7/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Polymer Feed Pump, Primary/Secondary Settling, Nord SK 92172	P58-2702R	7/7/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Polymer Feed Pump, Primary/Secondary Settling, Nord SK 92172	P58-2703R	7/7/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Polymer Feed Pump, Primary/Secondary Settling, Nord SK 92172	P58-2704R	7/7/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Polymer Feed Pump, Primary/Secondary Settling, Nord SK 92172	P58-2705R	7/7/2003	SK92172VF90L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Emulsion Polymer Pump, Nord SK02F	P58-2706R	6/26/2003	SK92172VF90L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	58 - Liquids Treatment Polymer
NORD	Reducer, Emulsion Polymer Pump, Nord SK02F	P59-5004R	6/26/2003	SK02F/80 U/4		8000350000000000	Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	59 - Solids Processing Polymer
NORD	Reducer, Polymer Feed Pump, Gravity Thickener 3, Nord SK 92172	P61-2319R	6/26/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Gravity Thickener 4, Nord SK 92172	P61-2320R	6/26/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Gravity Thickener 5, Nord SK 92172	P61-2321R	6/26/2003	SK92172VF80L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	61 - Gravity Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Thickening Centrifuge, Nord SK 92172	P65-6108R	6/26/2003	SK92172VF90S4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Thickening Centrifuge, Nord SK 92172	P65-6109R	6/26/2003	SK92172VF90S4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Dewatering Centrifuge, Nord SK 92172	P82-7413R	6/26/2003	SK92172VF90L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer
NORD	Reducer, Emulsion Polymer Pump, Nord SK02F	P42-1301R	6/26/2003	SK02F/80 U/4		8000350000000000	Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	42 - Polymer Containment
NORD	Reducer, Emulsion Polymer Pump, Nord SK02F	P42-1302R	6/26/2003	SK02F/80 U/4		8000350000000000	Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	42 - Polymer Containment
NORD	Reducer, Polymer Feed Pump, Thickening Centrifuge, Nord SK 92172	P65-6107R	6/26/2003	SK92172VF90S4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Thickening Centrifuge, Nord SK 92172	P65-6110R	6/26/2003	SK92172VF90S4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
NORD	Reducer, Polymer Feed Pump, Thickening Centrifuge, Nord SK 92172	P65-6111R	6/26/2003	SK92172VF90S4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	65 - Mechanical Thickening Polymer
NORD	Reducer, Emulsion Polymer Pump, Nord SK02F	P59-3903R	6/26/2003	SK02F/80 U/4		800035000000	Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	59 - Solids Processing Polymer
NORD	Reducer, Polymer Feed Pump, Dewatering Centrifuge, Nord SK 92172	P82-7414R	6/26/2003	SK92172VF90L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer
NORD	Reducer, Polymer Feed Pump, Dewatering Centrifuge, Nord SK 92172	P82-7415R	6/26/2003	SK92172VF90L4			Gear Reducer	Building L_Basement,Room L-B05,EL -2.50	82 - Dewatering Polymer

PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1401P	12/31/2003	7120-S-E	C23666-1	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1402P	12/31/2003	7120-S-E	C23666-2	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1403P	12/31/2003	7120-S-E	C23666-3	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1404P	12/31/2003	7120-S-E	C23666-4	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1405P	12/31/2003	7120-S-E	C23666-5	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1406P	12/31/2003	7120-S-E	C23666-6	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1407P	12/31/2003	7120-S-E	C23666-7	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1408P	12/31/2003	7120-S-E	C23666-8	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Pump, Diaphragm, Alum/Ferric Metering	P47-1409P	12/31/2003	7120-S-E	C23666-9	Pump - PD Diaphragm	Building G2,Basement,Room G2-802	47 - Alum/Ferric Chloride
PULSAFEEDER	Bucket, For Methanol Pump No.1 Motor	P43-2001-BUC	3/11/2004	T5871920	101343001	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Bucket, For Methanol Pump No.2 Motor	P43-2002-BUC	3/11/2004	T5871920	101343002	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Bucket, For Methanol Pump No.3 Motor	P43-2003-BUC	3/11/2004	T5871920	101343003	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Bucket, For Methanol Pump No.4 Motor	P43-2004-BUC	3/11/2004	T5871920	101343004	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Bucket, For Methanol Pump No.5 Motor	P43-2005-BUC	3/11/2004	T5871920	101343005	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Bucket, For Methanol Pump No.6 Motor	P43-2006-BUC	3/11/2004	T5871920	101343006	Elect - Bucket	Building M,Ground,Room M-101	95 - Major Electrical
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.1	P43-2001P	3/11/2004	7120-S-E	X871930-1	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.2	P43-2002P	3/11/2004	7120-S-E	X871930-2	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.3	P43-2003P	3/11/2004	7120-S-E	X871930-3	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.4	P43-2004P	3/11/2004	7120-S-E	X871930-4	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.5	P43-2005P	3/11/2004	7120-S-E	X871930-5	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Pump, Diaphragm, Methanol Feed No.6	P43-2006P	3/11/2004	7120-S-E	X871930-6	Pump - PD Diaphragm	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.1	PSV43-2101	3/11/2004	BP8050P	1021207	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.2	PSV43-2102	3/11/2004	BP8050P	1021209	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.3	PSV43-2103	3/11/2004	BP8050P	1021210	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.4	PSV43-2104	3/11/2004	BP8050P	1021211	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.5	PSV43-2105	3/11/2004	BP8050P	1021208	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
PULSAFEEDER	Valve, Back Pressure/Relief For Methanol Pump No.6	PSV43-2106	3/11/2004	BP8050P	1021206	Valve	Building M,Ground,Room M-103	43 - Methanol Feed
Pulsafeeder Pulsatron Series+	Pump, Diaphragm, Metering, Chemical Feed System A	CFF-1001AP	12/24/2002	L803SA-PTC1-XXX	N/A	Pump - PD Diaphragm	Gallery 8	74 - Steam Boiler and Feedwater System
Pulsafeeder Pulsatron Series+	Pump, Diaphragm, Metering, Chemical Feed System B	CFF-1001BP	12/24/2002	L803SA-PTC1-XXX	N/A	Pump - PD Diaphragm	Gallery 8	74 - Steam Boiler and Feedwater System

SIH1	Compressor, Digester Gas Booster	M73-1703C	6/29/2009	KPH 3408 AB ADD4B4	CA1385826-01	Compressor - Gas Booster	Building 20,Ground,Room 102	73 - Digester Gas Utilization & Disposal
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<b>PHILADELPHIA MIXERS</b>	Mixer, Pasteurization Tank No.1	M85-5101MX	12/9/2004	385SM-S2-PTO	02DEI0427	Mixer - Pasteurization	Building 55,Second,Room 55-201	85 - Bio Pasteurization
<b>PHILADELPHIA MIXERS</b>	Mixer, Pasteurization Tank No.2	M85-5102MX	12/9/2004	385SM-S2-PTO	02DEI0428	Mixer - Pasteurization	Building 55,Second,Room 55-201	85 - Bio Pasteurization
<b>PHILADELPHIA MIXERS</b>	Mixer, Pasteurization Tank No.3	M85-5103MX	12/9/2004	385SM-S2-PTO	02DEI0429	Mixer - Pasteurization	Building 55,Second,Room 55-201	85 - Bio Pasteurization
<b>PHILADELPHIA MIXERS</b>	Mixer, Pasteurization Tank No.4	M85-5104MX	12/9/2004	385SM-S2-PTO	02DEI0430	Mixer - Pasteurization	Building 55,Second,Room 55-201	85 - Bio Pasteurization

SEW-EURODRIVE	Reducer, Discharger, Silo # 1, North	M91-6101R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 1, South	M91-6102R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 2, North	M91-6301R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 2, South	M91-6302R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 3, North	M91-6501R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 3, South	M91-6502R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 4, North	M91-6701R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 4, South	M91-6702R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 5, North	M91-6901R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 5, South	M91-7001R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Discharger, Roplex Silo # 6, North	M91-7201	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 6, North	M91-7201R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
SEW-EURODRIVE	Reducer, Discharger, Silo # 6, South	M91-7301R	6/26/2003		S.O. 870200800.00.00.00 7	Gear Reducer	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
Sew Eurodrive	Reducer, Screen, Mechanical, No. 1	M77-4001R	7/16/2009	200XP FAF87	Reducer	Reducer	Offsite - Potomac Yard Pump Station,Basement,Room PYP5-B03	02 - Potomac Yards Pump Station
SEW Eurodrive	Reducer, Press, Screenings, For Screen No. 1	M77-4011R	7/16/2009	FA F87	Reducer	Reducer	Offsite - Potomac Yard Pump Station,Ground,Room PYP5-101	02 - Potomac Yards Pump Station

FALK	Mixer, Raw Sludge Blending Tank 2	M63-1412MX	6/26/2003	21HMX02AS		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	63 - Sludge Blending & Pumping
FALK	Mixer, Raw Sludge Blending Tank 3	M63-1413MX	6/26/2003	21HMX02AS		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	63 - Sludge Blending & Pumping
FALK	Mixer, Thickened Sludge Equalization Tank 1, Falk 21HMX2AS	M66-1101MX	5/12/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 1, Falk 21HMX2AS	M66-1102MX	5/12/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 1, Falk 21HMX2AS	M66-1103MX	5/13/2004	21HMXQ2AS		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 2, Falk 21HMX2AS	M66-1104MX	4/6/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 2, Falk 21HMX2AS	M66-1105MX	4/6/2004	21HMXQ2AS		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 2, Falk 21HMX2AS	M66-1106MX	4/6/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 3, Falk 21HMX2AS	M66-1107MX	5/12/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 3, Falk 21HMX2AS	M66-1108MX	5/12/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
FALK	Mixer, Thickened Sludge Equalization Tank 3, Falk 21HMX2AS	M66-1109MX	5/12/2004	21HMXQ2AS 002		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	66 - Thickened Sludge Equalization
Falk	Mixer, Digested Sludge Equalization Tank	M80-1311MX	1/23/2006	21HMX02as		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	80 - Centrifuge Dewatering
FALK	Mixer, Raw Sludge Blending Tank 1	M63-1411MX	6/26/2003	21HMX02AS		Mixer - Sludge	Building L,Basement,Room L-M02,EL 9.00	63 - Sludge Blending & Pumping

CRANE DEMING	Pump, Centrifugal, W3 High Pressure, #1 Crain Deming, 3121	P92-1001P	7/7/2003	3121	DC-923459	Pump - Centrifugal	Building L,Basement,Room L-B03,EL -2.50	92 - W1 High Pressure Pumping (Bldg L)
CRANE DEMING	Pump, Centrifugal, W3 High Pressure, #2 Crain Deming, 3121	P92-1002P	7/7/2003	3121	DC-923457	Pump - Centrifugal	Building L,Basement,Room L-B03,EL -2.50	92 - W1 High Pressure Pumping (Bldg L)
CRANE DEMING	Pump, Centrifugal, W3 High Pressure, #3 Crain Deming, 3121	P92-1003P	7/7/2003	31211521121	DC-1320370	Pump - Centrifugal	Building L,Basement,Room L-B03,EL -2.50	92 - W1 High Pressure Pumping (Bldg L)

LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #2	FV-20-4102BA	7/14/2015	MX-10/PTC-30/2	1414778	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #1	FV-20-4101AA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #1	FV-20-4101CA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #1	FV-20-4101BA	7/14/2015	MX-10/PTC-30/2	1414778	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #2	FV-20-4102AA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #2	FV-20-4102CA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #3	FV-20-4103AA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #3	FV-20-4103CA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Flow Control - NMF/PE Header #1	FCV-20-4001A	5/26/2015	LIMITORQUE MX-10/PTA-30/2	1414779	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #1	FCV-20-4001AA	5/26/2015	LIMITORQUE MX-10/PTA-30/2	1414779	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Flow Control - NMF/PE Header #1	FCV-20-5001A	5/26/2015	LIMITORQUE MX-10/PTA-30/2	1414779	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve V Port 20"	FCV-20-5001AA	5/26/2015	LIMITORQUE MX-10A	L1028553	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve V Port 20"	FCV-20-4901A	5/26/2015	LIMITORQUE MX-10A	L1028550	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #2	FCV-20-4002A	5/26/2015	LIMITORQUE MX-10	1414779	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve V Port 20"	FCV-20-4902A	5/26/2015	LIMITORQUE MX-10A	L1028551	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve V Port 20" NMF/PE Header #2	FCV-20-5002A	5/26/2015	LIMITORQUE MX-10A	L1028552	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #3	FV-20-4103BA	7/14/2015	MX-10/PTC-30/2	1414778	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #4	FV-20-4104AA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 20" With Remote Tank #4	FV-20-4104CA	7/14/2015	QX5	1414776	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #1	FV-20-4104BA	7/14/2015	MX-10/PTC-30/2	1414778	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve Butterfly Rubber Seated 30" With Remote Tank #1	FV-20-4501A	7/14/2015	MX-10/PTC-30/2	1414778	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Valve, Butterfly Rubber Seated 14" Pump #2	FV-20-4202AA	5/26/2015	QX3	1414775	Valve - Butterfly	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #4	FV-20-4204CA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #4	FV-20-4204DA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #4	FV-20-4204AA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #4	FV-20-4204BA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #6	FV-20-4206CA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #6	FV-20-4206DA	5/26/2015	QX3	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-B01	20 - Primary Effluent Pumping & NMF



LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 20" Pump #5	FV-20-4205CA	7/14/2015	QX5	1414776		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 20" Pump #5	FV-20-4205DA	7/14/2015	QX5	1414776		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 20" Pump #7	FV-20-4207CA	7/14/2015	QX5	1414776		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 20" Pump #7	FV-20-4207DA	7/14/2015	QX5	1414776		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #8	FV-20-4208CA	5/26/2015	QX3	1414774		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #8	FV-20-4208DA	5/26/2015	QX3	1414774		Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Valve, Butterfly Rubber Seated 12" Pump #2	FV-20-4202CV	5/26/2015	QX3	1414774		Valve - Butterfly	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #2	FV-20-4202DA	5/26/2015	QX3	1414774	1414774	Actuator	Building 60,Elevation -0.25,Lower Gallery 60-801	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve Rubber Seated 24" Pump #1A	FV-20-4201AA	5/26/2015	QX-5	1414777	11059482	Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve Rubber Seated 24" Pump #1B	FV-20-4201BA	5/26/2015	QX-5	1414777	11059482	Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 14" Pump #8A	FV-20-4208AA	5/26/2015	QX3	1414775		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 14" Pump #8B	FV-20-4208BA	5/26/2015	QX3	1414775		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #7A	FV-20-4207AA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #7B	FV-20-4207BA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #5A	FV-20-4205AA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #5B	FV-20-4205BA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 12" Pump #6A	FV-20-4206AA	5/26/2015	QX3	1414774		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Butterfly Valve, Rubber Seated 14" Pump #6B	FV-20-4206BA	5/26/2015	QX3	1414775		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #3A	FV-20-4203AA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Valve, Butterfly Rubber Seated 24" Pump #3B	FV-20-4203BA	5/26/2015	QX-5	1414777		Actuator	Building 60,Elevation -9.5,Lower Pump Room	20 - Primary Effluent Pumping & NMF
LIMITORQUE	Actuator, Backwash Valve	FV55-1301A	2/6/2003			M208917	Actuator	Building F,Basement,Room F-B01	55 - Plant Water (W3)
LIMITORQUE	Actuator, Backwash Valve	FV55-1302A	2/6/2003			M208916	Actuator	Building F,Basement,Room F-B01	55 - Plant Water (W3)

Val-Matic / Limitorque	Valve, Flow Control 8" Modulating Butterfly , Train #1	FCV-39-1701V	6/12/2015	"Valve - 2008 Flanged #150 Actuator - FCD LMENIM 3		L1003203	Valve	Building F,Basement,Room F-B01	39 - Reclaimed Water
Val-Matic / Limitorque	Valve, Flow Control 8" Modulating Butterfly , Train #2	FCV-39-1702V	6/12/2015	"Valve - 2008 Flanged #150 Actuator - FCD LMENIM 3		L1003202	Valve	Building F,Basement,Room F-B01	39 - Reclaimed Water
Val-Matic / Limitorque	Valve, Flow Control 8" Modulating Butterfly , Train #2	FCV-39-1703V	6/12/2015	"Valve - 2008 Flanged #150 Actuator - FCD LMENIM 3		L1003206	Valve	Building F,Basement,Room F-B01	39 - Reclaimed Water
LIMITORQUE	Actuator, Biosolids Silo #2 Discharge Valve	FV91-7701A	6/26/2003		10000465-34		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
LIMITORQUE	Actuator, Biosolids Silo #3 Discharge Valve	FV91-7801A	6/26/2003		10000465-39		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
LIMITORQUE	Actuator, Biosolids Silo #4 Discharge Valve	FV91-7901A	6/26/2003		10000465-31		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
LIMITORQUE	Actuator, Biosolids Silo #5 Discharge Valve	FV91-8001A	6/26/2003		10000465-41		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
LIMITORQUE	Actuator, Biosolids Silo #6 Discharge Valve	FV91-8101A	6/26/2003		10000465-29		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling
LIMITORQUE	Actuator, Biosolids Silo #1 Discharge Valve	FV91-7601A	6/26/2003		10000465-38		Actuator	Building L,Second,Room L-201,EL 35.33	91 - Biosolids Handling

JWC	Panel, Field Grinder, Scum Pump No. 1	FP26-1001	12/23/2002	PC2220		34814-3-1	Elect - Panel - Field	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC	Panel, Field Grinder, Scum Pump No. 2	FP26-1002	12/23/2002	PC2220		34814-2-1	Elect - Panel - Field	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC ENVIRONMENTAL	Grinder No. 1	M26-1001G	12/23/2002	380004T-1208		32966	Grinder	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC ENVIRONMENTAL	Reducer, Grinder No.1	M26-1001R	12/23/2002	CNVIS-6125Y-29		C3101642	Gear Reducer	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC ENVIRONMENTAL	Grinder No. 2	M26-1002G	12/23/2002	30004T-1208		33391	Grinder	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC ENVIRONMENTAL	Reducer, Grinder No.2	M26-1002R	12/23/2002	CNVIS-6125Y-29		C3124566	Gear Reducer	Gallery 9	26 - WAS Pumping & Secondary Scum
JWC ENVIRONMENTAL	Grinder, In Channel #2	GDR-FMR-2012G	7/22/2016	GRINDER - CMD-401DXDS2.0		CONTROLLER - PC2220	Grinder	Offsite - Four Mile Run,Outside,Grinder Structure	01 - Four Mile Run Pump Station
JWC ENVIRONMENTAL	Reducer, Grinder In Channel #2	GDR-FMR-2012R	7/22/2016	GRINDER - CMD-401DXDS2.0			Grinder	Offsite - Four Mile Run,Outside,Grinder Structure	01 - Four Mile Run Pump Station
JWC ENVIRONMENTAL	Grinder, In Channel #1	GDR-FMR-2011G	7/22/2016	GRINDER - CMD-401DXDS2.0			Grinder	Offsite - Four Mile Run,Outside,Grinder Structure	01 - Four Mile Run Pump Station
JWC ENVIRONMENTAL	Reducer, Grinder In Channel #1	GDR-FMR-2011R	7/22/2016	GRINDER - CMD-401DXDS2.0			Grinder	Offsite - Four Mile Run,Outside,Grinder Structure	01 - Four Mile Run Pump Station
JWC Environmental	Grinder, Sewage, Mark Center	GR-MC-1001G	5/13/2011	CNVIS-6125Y-29-1823T		CL01771595	Grinder	Offsite - Mark Center Pump Station	04 - Mark Center Pump Station

KSB	Pump, #1 BWAS	P21-5201P	8/1/2016	Sewabloc F100-251G V			Pump - Centrifugal	Building 44,Basement,Room 44-801	27 - Mainstream Annamox
KSB	Pump, #2 BWAS	P21-5202P	8/1/2016	Sewabloc F100-251G V			Pump - Centrifugal	Building 44,Basement,Room 44-801	27 - Mainstream Annamox
KSB	Pump, #3 BWAS	P21-5203P	8/1/2016	Sewabloc F100-251G V			Pump - Centrifugal	Building 44,Basement,Room 44-801	27 - Mainstream Annamox
KSB	Pump, #4 BWAS	P21-5204P	8/1/2016	Sewabloc F100-251G V			Pump - Centrifugal	Building 44,Basement,Room 44-801	27 - Mainstream Annamox
KSB AMACAN	Pump, Submersible Propeller, ML 2, Basin 1	P21-3521P	2/6/2003	PA4600-350/166 UAG1		72252	Pump - Submersible Propeller	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 3, Basin 1	P21-3531P	2/6/2003	PA4500-270/66 UAG1		72107	Pump - Submersible Propeller	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 1, Basin 1	P21-3511P	2/6/2003	PA4700-470/258 UAG1		72137	Pump - Submersible Propeller	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 2, Reactor 1	M21-3321SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 3, Reactor 1	M21-3331SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 3, Reactor 1	M21-3131AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 4, Reactor 1	M21-3141AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 5, Reactor 1	M21-3151AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 1, Reactor 1	M21-3311SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 1, Reactor 1	M21-3111AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 2, Reactor 1	M21-3121AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB1	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 2, Reactor 2	M21-3122AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 1, Reactor 2	M21-3112AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 1, Reactor 2	M21-3312SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 5, Reactor 2	M21-3152AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 4, Reactor 2	M21-3142AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 3, Reactor 2	M21-3132AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 3, Reactor 2	M21-3332SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 2, Reactor 2	M21-3322SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 1, Basin 2	P21-3512P	2/6/2003	PA4700-470/258 UAG1	72138		Pump - Submersible Propeller	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 3, Basin 2	P21-3532P	2/6/2003	PA4500-270/66 UAG1	72108		Pump - Submersible Propeller	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 2, Basin 2	P21-3522P	2/6/2003	PA4600-350/166 UAG1	72253		Pump - Submersible Propeller	Building 44,Second,BRB2	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 2, Basin 3	P21-3523P	2/6/2003	PA4600-350/166 UAG1	72254		Pump - Submersible Propeller	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 3, Basin 3	P21-3533P	2/6/2003	PA4500-270/66 UAG1	72109		Pump - Submersible Propeller	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB AMACAN	Pump, Submersible Propeller, ML 1, Basin 3	P21-3513P	2/6/2003	PA4700-470/258 UAG1	72137		Pump - Submersible Propeller	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 2, Reactor 3	M21-3323SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 3, Reactor 3	M21-3133AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 4, Reactor 3	M21-3143AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 5, Reactor 3	M21-3153AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 1, Reactor 3	M21-3313SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 1, Reactor 3	M21-3113AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 2, Reactor 3	M21-3123AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB3	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 2, Reactor 4	M21-3124AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 1, Reactor 4	M21-3114AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSB, INC	Mixer, Swing 1, Reactor 4	M21-3314SM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 5, Reactor 4	M21-3154AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSB, INC	Mixer, Anoxic 4, Reactor 4	M21-3144AM	2/6/2003	AMAMIX P 180-802/54 UMGI			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins

KSBI, INC	Mixer, Swing 3, Reactor 4	M21-3334SM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 2 Reactor 4	M21-7214	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 2 Reactor 4	M21-7224	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 3 Reactor 4	M21-7314	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 5 Reactor 4	M21-7514	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 3 Reactor 4	M21-7324	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 4 Reactor 4	M21-7414	12/13/2007	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 1, Basin 4	P21-3514P	2/6/2003	PA4700-470/258 UAG1		72140	Pump - Submersible Propeller	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 3, Basin 4	P21-3534P	2/6/2003	PA4500-270/66		72110	Pump - Submersible Propeller	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 2, Basin 4	P21-3524P	2/6/2003	PA4600-350/166 UAG1		72255	Pump - Submersible Propeller	Building 44,Second,BRB4	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 2, Basin 5	P21-3525P	2/6/2003	PA4600-350/166 UAG1		72256	Pump - Submersible Propeller	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 3, Basin 5	P21-3535P	2/6/2003	PA4700-470/258 UAG1		72111	Pump - Submersible Propeller	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI AMACAN	Pump, Submersible Propeller, ML 1, Basin 5	P21-3515P	2/6/2003	PA4700-470/258 UAG1		72141	Pump - Submersible Propeller	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 4 Reactor 5	M21-7415	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 3 Reactor 5	M21-7325	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 5 Reactor 5	M21-7515	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 3 Reactor 5	M21-7315	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 2 Reactor 5	M21-7225	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Mixer, Submersible, Amaprop, Zone 2 Reactor 5	M21-7215	2/27/2008	67-1801/4 4 UR G			Mixer - Amaprop	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Swing 3, Reactor 5	M21-3335SM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Anoxic 4, Reactor 5	M21-3145AM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Anoxic 5, Reactor 5	M21-3155AM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Swing 1, Reactor 5	M21-3115SM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Anoxic 1, Reactor 5	M21-3115AM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI, INC	Mixer, Anoxic 2, Reactor 5	M21-3125AM	2/6/2003	AMAMIX P 180-802/54 UMG1			Mixer - BNR	Building 44,Second,BRB5	21 - Biological Reactor Basins
KSBI	Pump, Centrifugal, Sump	P11-2801	12/22/2004	KRTF100-250/54XH			Pump - Centrifugal Submersible	Building A,Basement,Room A-B12	11 - Raw Sewage Pumping
KSBI	Pump, Sump	P10-2501	12/22/2004	KRTF100-250/54XH		5M17-707239	Pump - Centrifugal	Building A,Basement,Room A-B15,EL 7.25	10 - Coarse screening
KSBI	Pump, Submersible #1	P-FMR-3011P	7/22/2016	AMAREX KRT-K6-OIKE 4 6 TO 50 6	SIZE 200-400		Pump - Submersible	Offsite - Four Mile Run,Outside	01 - Four Mile Run Pump Station
KSBI	Pump, Submersible #2	P-FMR-3012P	7/22/2016	AMAREX KRT-K6-OIKE 4 6 TO 50 6	SIZE 200-400		Pump - Submersible	Offsite - Four Mile Run,Outside	01 - Four Mile Run Pump Station

IRR PROJECTS - PRELIM	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Project Totals, FY21-FY30
<b>PRELIMINARY DRAFT as of 6-01-2021</b>											
<b>IRR Program</b>											
<b>IRR: Preliminary/Primary Infrastructure</b>											
WRRF Primary Settling Tanks Equipment Rehabilitation	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 600,000
WRRF Probes and instrumentation repair and replacement	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
WRRF Raw Sewage Pump Rebuild	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000
WRRF Repair/Replace >100Hp Motors	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 800,000
Truck Loading and Transfer Conveyor	TBD										\$ -
Subtotal- IRR PPI	\$ 210,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 210,000	\$ 210,000	\$ 210,000		\$ 1,850,000
<b>IRR: Secondary Infrastructure</b>											
Building 44 and Gallery 9: Replace/Rebuild RAS Pumps	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ -	\$ -	\$ -	\$ 360,000
Building 44: BRB Mix Liquor Pump Replacement	\$ -	\$ 320,000	\$ -	\$ 320,000	\$ -	\$ 320,000	\$ -	\$ 320,000	\$ -	\$ 320,000	\$ 1,600,000
Building 44: Replace BRB Tank Actuators	\$ 100,000	\$ 81,000									\$ 181,000
Building 44: Replace Large BRB Mixers	\$ 155,000	\$ 78,000	\$ -	\$ -	\$ 155,000	\$ 155,000	\$ 78,000	\$ -	\$ -	\$ 155,000	\$ 776,000
Building 44: Replace Small BRB Mixers	\$ 88,000	\$ 44,000	\$ -	\$ -	\$ 88,000	\$ 88,000	\$ 44,000	\$ -	\$ -	\$ 88,000	\$ 440,000
Secondary Process Instruments Replacement/Improvement	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000
WRRF Large Robicon VFD Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,333	\$ 183,333	\$ 366,667
WRRF NMF Actuator Replacement Program	TBD										\$ -
WRRF Probes and instrumentation repair and replacement	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
WRRF Repair/Replace >100Hp Motors	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 800,000
Subtotal- IRR Secondary	\$ 613,000	\$ 673,000	\$ 150,000	\$ 470,000	\$ 393,000	\$ 833,000	\$ 392,000	\$ 470,000	\$ 333,333	\$ 896,333	\$ 5,223,667
<b>IRR: Tertiary Infrastructure</b>											
Building G: Rebuild Wash Water Pumps	\$ 43,000	\$ -	\$ 43,000	\$ -	\$ 43,000	\$ -	\$ 43,000	\$ -	\$ 43,000	\$ -	\$ 215,000
Building N: UV System Parts Renew		\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 600,000
IRR: Tertiary Treatment Improvements	TBD										\$ -
WRRF Intermediate Pump Station Pump Rebuild	\$ -	\$ 128,000	\$ -	\$ -	\$ -	\$ -	\$ 128,000	\$ 128,000	\$ 128,000	\$ -	\$ 512,000
WRRF Large Robicon VFD Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,333	\$ -	\$ 183,333
WRRF Probes & Instrumentation Repair & Replacement	\$ 170,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 530,000
WRRF Repair/Replace >100Hp Motors	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 800,000
WRRF Tertiary System Program	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 450,000
Subtotal - IRR Tertiary	\$ 338,000	\$ 493,000	\$ 208,000	\$ 165,000	\$ 408,000	\$ 165,000	\$ 336,000	\$ 493,000	\$ 519,333	\$ 165,000	\$ 3,290,333
<b>IRR: Solids Infrastructure</b>											
Biosolids Management: Biosolids Fecal Regrowth Testing	TBD										\$ -
Building 20: Digester Rehabilitation	\$ 683,000	\$ 352,000	\$ -	\$ -	\$ -	\$ 683,000	\$ 1,035,000	\$ 495,000	\$ 352,000	\$ -	\$ 3,600,000



IRR PROJECTS - PRELIM	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Project Totals, FY21-FY30
Building 55: Heat Exchanger Actuator Replacement	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Building 55: Replace/Rebuild 30Hp Explosion Proof Heat Exchangers Motors	\$ 29,000	\$ -	\$ 29,000	\$ 29,000	\$ -	\$ -	\$ -	\$ 29,000	\$ 29,000	\$ -	\$ 145,000
Building 55: Replace/Rebuild Seepex Pumps	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 2,750,000
Building 55: Screen Presses	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 147,000	\$ 1,470,000
Building 69: Replace/Rebuild Centrate Recycle Pumps		\$ 124,000			\$ 124,000			\$ 124,000	\$ -	\$ -	\$ 372,000
Building L: Polymer System	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 80,000	\$ 320,000
Building L: Repair/Rebuild Centrifuges	\$ 274,000	\$ 274,000	\$ 137,000	\$ 274,000	\$ 274,000	\$ 137,000	\$ 274,000	\$ 274,000	\$ 137,000	274000	\$ 2,329,000
Centrate Pretreatment Facility Gravity Thickening Tank Rehabilitation	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 3,000,000
Solids WRRF <50HP VFD replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ 600,000
WRRF Probes & Instrumentation Repair & Replacement	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
WRRF Repair/Replace >100Hp Motors	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
Subtotal- IRR Solids	\$ 2,156,000	\$ 1,512,000	\$ 928,000	\$ 1,145,000	\$ 1,160,000	\$ 1,782,000	\$ 2,351,000	\$ 1,884,000	\$ 1,280,000		\$ 15,314,000
IRR: Campus Wide Projects											
Building 60: NMF Odor Media Replacement	\$ -	\$ -	\$ -	\$ 598,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,000
Building L: Replace/Rebuild Odor Scrubber and Piping	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ -	\$ 600,000
Campus Digital Signage	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000.00	\$ 280,000
Environmental Center Annual Repairs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000
Reclaimed Water (Bulk Fill/Campus use & distribution)	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000
Vehicle Fleet Management	\$ 30,000	\$ 30,000					\$ 30,000	\$ 30,000	\$ -	\$ -	\$ 120,000
Website Reinvention - AlexRenew	\$ 21,000	\$ 21,000	\$ 195,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 195,000	\$ 21,000	\$ 21,000	\$ 195,000	\$ 732,000
WRRF Boiler Overhaul	\$ 60,000	\$ 110,000	\$ 60,000	\$ 110,000	\$ 60,000	\$ 110,000	\$ 60,000	\$ 110,000	\$ 60,000	\$ 110,000	\$ 850,000
WRRF Campus Chillers (4) Repair	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 100,000
WRRF Crane Repairs	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000.00	\$ 25,000	\$ 25,000	\$ 25,000	\$ 250,000
IRR: WRRF Fire Alarm Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000
WRRF HVAC Steam Coil Replacement	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
WRRF Plant Air System Valve and Meter Renewals	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 120,000
WRRF Roof & Drain Replacement	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 256,000
Subtotal- Campus Wide	\$ 236,600	\$ 286,600	\$ 530,600	\$ 1,064,600	\$ 746,600	\$ 1,256,600	\$ 410,600	\$ 496,600	\$ 356,600		\$ 6,006,000
IRR: Information Technology Projects											
Information Technology – Annual Refresh of Network, Data Center, and Audio/Visual Services	\$ 175,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000	\$ 100,000	\$ 100,000	\$ 925,000

IRR PROJECTS - PRELIM	Estimated FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Project Totals, FY21-FY30
Information Technology – Annual Workstation Hardware and Software Refresh	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,500,000
Subtotal- IRR ITP	\$ 325,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 325,000	\$ 325,000	\$ 250,000	\$ 250,000	\$ 2,425,000
<b>IRR: Collection System Projects</b>											
Bush Hill Pump Station	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ 15,000	\$ 15,000	\$ 90,000
CSO Outfall 001	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000
CSO Outfall 002	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000
CSO Outfall 003	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000
CSO Outfall 004	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 150,000
Four Mile Run PS: Equip. Efficiency Assessment	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000	\$ -	\$ 150,000
Mark Center Pump Station Rebuild Pumps	\$ 37,000	\$ -	\$ -	\$ 37,000	\$ -	\$ -	\$ 37,000	\$ -	\$ -	\$ 37,000	\$ 148,000
Potomac Yards Pump Station Rebuild Pump and Climbing Screen	\$ -	\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ 86,000
Pumping Stations Roof and Drain Replacements	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 6,400	\$ 64,000
Slater's Lane Pump Station Pump Replacement	\$ -	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ 16,000	\$ 80,000
Subtotal- Collection System	\$ 118,400	\$ 97,400	\$ 132,400	\$ 146,400	\$ 81,400	\$ 147,400	\$ 119,400	\$ 109,400	\$ 131,400	\$ 134,400	\$ 1,218,000
<b>Subtotal - IRRP</b>	<b>\$ 3,997,000</b>	<b>\$ 3,472,000</b>	<b>\$ 2,359,000</b>	<b>\$ 3,301,000</b>	<b>\$ 3,099,000</b>	<b>\$ 4,494,000</b>	<b>\$ 4,144,000</b>	<b>\$ 3,988,000</b>	<b>\$ 3,080,667</b>	<b>\$ 1,445,733</b>	<b>\$ 35,327,000</b>



## FY22 10-YEAR CAPITAL IMPROVEMENT PROGRAM

FY22 10-YEAR CAPITAL IMPROVEMENT PROGRAM												
	Adopted FY2021	Proposed FY2022	Estimated FY2023	Estimated FY2024	Estimated FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Project Totals FY22-31
Alex-Only Capital Projects												
Interceptor/ Trunk Sewers Rehabilitation Program												
Commonwealth Interceptor Rehabilitation	\$ -	\$ -	\$ 18,500	\$ -	\$ 423,000	\$ -	\$ 1,000,000	\$ -	\$ 1,545,000	\$ 3,090,000	\$ 250,000	\$ 268,500
Potomac Interceptor Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,545,000	\$ -	\$ -	\$ -	\$ 7,603,000
Improvement, Rehabilitation, Replacement Program												
IRR: Campus Wide Projects	\$ 21,000	\$ 21,000	\$ 21,000	\$ 195,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 195,000	\$ 21,000	\$ 21,000	\$ 21,000	\$ 558,000
IRR: Collection System Projects	\$ 229,400	\$ 103,400	\$ 82,400	\$ 132,400	\$ 146,400	\$ 66,400	\$ 132,400	\$ 119,400	\$ 109,400	\$ 116,400	\$ 116,400	\$ 1,125,000
RiverRenew Program												
RiverRenew Tunnel System - Category 1, City-only Portion	\$ -	\$ 67,857,050	\$ 95,206,637	\$ 45,299,705	\$ 4,290,074	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,653,465
Service Chambers and Pump Stations Upgrade Program												
Bush Hill Service Chamber	\$ -	\$ -	\$ 150,000	\$ 300,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000
Mark Center Pump Station Study	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Potomac Yards PS: Odor Control System Upgrade	\$ 19,000	\$ 1,942,065	\$ 647,355	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,589,420
Potomac Yards PS: Ventilation Improvement Project	\$ 32,000	\$ 100,000	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,000
Potomac Yards PS: Wet Well Chimney Exhaust Stack Modifications	\$ 31,000	\$ 125,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Innovation District PS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
WRRF Improvements Program												
NMF Wet Well Elimination	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Other Capital												
Arlington County Capital Contributions	\$ 1,173,000	\$ 1,817,000	\$ 1,574,000	\$ 2,947,000	\$ 3,747,000	\$ 3,466,000	\$ 1,073,000	\$ 205,000	\$ 204,000	\$ 211,000	\$ 211,000	\$ 15,455,000
Capital Financing Fees	\$ 750,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 2,000,000
CONTINGENCY												
Contingency on Alex-Only Funding Excluding RR	\$ 273,540	\$ 297,940	\$ 441,390	\$ 472,040	\$ 508,440	\$ 454,240	\$ 312,740	\$ 247,040	\$ 562,040	\$ 278,740	\$ 278,740	\$ 3,853,350
Alex-Only Capital Project Subtotal	\$ 2,528,940	\$ 72,513,455	\$ 98,806,282	\$ 49,596,145	\$ 10,135,914	\$ 5,357,640	\$ 3,434,140	\$ 2,461,440	\$ 4,136,440	\$ 1,027,140	\$ 777,140	\$ 248,245,735
Joint-Use Capital Projects												
Interceptor/ Trunk Sewers Rehabilitation Program												
Commonwealth Interceptor Pile Intrusion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 183,000	\$ 607,000	\$ -	\$ -	\$ -	\$ -	\$ 790,000
Upper Holmes Run Trunk Sewer Rehabilitation	\$ -	\$ 40,000	\$ -	\$ 837,000	\$ 354,000	\$ 1,860,000	\$ 1,860,000	\$ 279,000	\$ 279,000	\$ 1,860,000	\$ 1,860,000	\$ 9,229,000
Improvement, Rehabilitation, Replacement Program												
IRR: Preliminary/Primary Infrastructure	\$ 343,333	\$ 80,000	\$ 80,800	\$ 81,608	\$ 82,424	\$ 83,248	\$ 34,081	\$ 34,422	\$ 34,766	\$ 35,113	\$ 35,465	\$ 581,927
IRR: Secondary Infrastructure	\$ 1,156,333	\$ 1,638,000	\$ 1,654,380	\$ 1,670,924	\$ 1,687,633	\$ 1,704,509	\$ 1,671,554	\$ 1,688,270	\$ 1,705,153	\$ 1,722,204	\$ 1,739,426	\$ 16,882,054
IRR: Tertiary Infrastructure	\$ 890,333	\$ 368,000	\$ 361,560	\$ 365,196	\$ 368,848	\$ 372,536	\$ 326,262	\$ 329,524	\$ 332,819	\$ 336,148	\$ 339,509	\$ 3,490,422
IRR: Solids Infrastructure	\$ 1,740,500	\$ 1,635,500	\$ 1,651,855	\$ 1,668,374	\$ 1,685,057	\$ 1,701,908	\$ 1,668,927	\$ 1,685,616	\$ 1,702,472	\$ 1,719,497	\$ 1,736,692	\$ 16,855,898
IRR: Campus Wide Projects	\$ 500,600	\$ 315,600	\$ 318,756	\$ 321,944	\$ 325,163	\$ 328,415	\$ 281,699	\$ 284,516	\$ 287,361	\$ 290,235	\$ 293,137	\$ 3,046,824
IRR: Information Technology Projects	\$ 600,000	\$ 1,350,000	\$ 1,363,500	\$ 1,377,135	\$ 1,390,906	\$ 1,404,815	\$ 1,368,864	\$ 1,382,552	\$ 1,396,378	\$ 1,410,342	\$ 1,424,445	\$ 13,868,937
IRR: Campus Digital Signage	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000
IRR: Collection System Projects	\$ -	\$ 15,000	\$ 15,150	\$ -	\$ -	\$ 15,302	\$ 15,000	\$ -	\$ -	\$ 15,150	\$ 15,302	\$ 90,903
IRR: Centrate Pretreatment Facility Improvements	\$ 185,000	\$ 258,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 258,000
IRR: Tertiary Treatment Improvements	\$ 72,000	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 17,000
IRR: WRRF Fire Alarm Upgrade	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Non-Process Facilities Program												
Environmental Center: 5th Floor Build Out / 6th Floor Modifications	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
Environmental Center: Lobby Upgrade	\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000
Holland Lane Re-Alignment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
South Carlyle Partnership	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
WRRF HVAC Automation System Upgrade	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 1,000,000



<b>RiverRenew Program</b>														
RiverRenew 108 to 116 mgd Expansion	\$	740,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	100,000
RiverRenew Bdg 1 Fac. Reloc. & Decom.	\$	4,422,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
RiverRenew Site Security and Access	\$	258,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
RiverRenew Tunnel System - Joint Use	\$	41,236,400	\$	93,220,649	\$	83,286,121	\$	43,721,184	\$	61,784,180	\$	5,854,175	\$	287,866,310
<b>Alex</b>	\$	692,000	\$	126,240	\$	127,502	\$	128,777	\$	130,065	\$	131,366	\$	128,730
<b>Fairfax</b>	\$	1,038,000	\$	189,360	\$	191,254	\$	193,166	\$	195,098	\$	197,049	\$	1,828,094
<b>WRRF Improvements Program</b>														
Biosolids Management: Biosolids Master Plan	\$	-	\$	750,000	\$	250,000	\$	-	\$	-	\$	-	\$	1,000,000
Biosolids Management: Building 55: Additional Cooling for Digesters	\$	-	\$	-	\$	3,120,001	\$	208,000	\$	-	\$	-	\$	3,328,001
Biosolids Management: Building 55: Replace Valves on W3 Cooling System	\$	-	\$	-	\$	20,400	\$	-	\$	-	\$	-	\$	20,400
Biosolids Management: Building 55: Solids Screen Replacement	\$	-	\$	-	\$	507,960	\$	332,000	\$	-	\$	-	\$	839,960
Biosolids Management: Solids/Resource Recovery Upgrades	\$	-	\$	-	\$	-	\$	-	\$	3,039,000	\$	5,628,000	\$	20,824,000
Biosolids Management: Pre-Pasteurization System Improvements	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Building 22: Primary Weir Observation House	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	5,722,000
Building 60: NMF SCADA Improvements	\$	150,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Building F: Effluent W3 System Improvements	\$	200,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,860,000
Building G/3: Filter Underdrain Replacement	\$	-	\$	-	\$	-	\$	-	\$	1,481,000	\$	1,461,000	\$	13,635,000
Building L: Centrifuge Replacement	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Campus Wide FOB Network Planning and Installation	\$	395,000	\$	-	\$	-	\$	781,000	\$	3,334,000	\$	3,278,000	\$	14,992,000
Campus-wide Electrical Upgrade Sub-Program	\$	-	\$	1,336,425	\$	-	\$	-	\$	-	\$	-	\$	1,336,425
HMI Upgrade	\$	1,730,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Intermediate Pump Station Pump Study	\$	-	\$	-	\$	-	\$	-	\$	500,000	\$	500,000	\$	1,300,000
Main Campus Galleries Improvements	\$	-	\$	-	\$	-	\$	-	\$	500,000	\$	-	\$	2,500,000
Odor Control System Upgrade	\$	-	\$	-	\$	-	\$	-	\$	300,000	\$	300,000	\$	2,935,308
PLC Equipment and Network Upgrade	\$	718,000	\$	235,308	\$	300,000	\$	300,000	\$	50,000	\$	100,000	\$	500,000
Power Distribution Monitors	\$	-	\$	-	\$	-	\$	-	\$	4,434,000	\$	1,802,000	\$	24,930,270
Preliminary / Primary System Upgrades	\$	1,000,000	\$	8,249,270	\$	7,415,000	\$	3,030,000	\$	-	\$	-	\$	743,314
Process Air Compressor (PAC) System Upgrade	\$	7,758,000	\$	743,314	\$	-	\$	400,000	\$	400,000	\$	400,000	\$	2,000,000
Security Services During Construction	\$	400,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Stormwater System - Struct./Nonstruct. BMPs	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,865,000
Truck Scale Rehabilitation	\$	-	\$	-	\$	-	\$	-	\$	-	\$	86,000	\$	86,000
<b>CONTINGENCY</b>														
Contingency on Joint Funding Excluding RR	\$	1,850,410	\$	1,304,896	\$	1,226,510	\$	633,910	\$	1,687,810	\$	2,124,110	\$	12,966,986
Joint Capital Project Subtotal	\$	68,215,910	\$	113,472,562	\$	102,290,769	\$	56,050,217	\$	84,009,185	\$	34,962,433	\$	475,848,762
<b>ALEXRENEW 10-YEAR CIP TOTAL</b>	\$	70,744,850	\$	185,986,017	\$	201,097,051	\$	105,646,362	\$	94,145,099	\$	40,320,073	\$	724,094,498





**Board of Directors**  
John Hill, Chair  
James Beall, Vice Chair  
William Dickinson, Sec'y-Treas  
Bruce Johnson  
Adriana Caldarelli

**Chief Executive Officer**  
Karen L. Pallansch, P.E., BCEE

**General Counsel**  
McGuireWoods, LLP

ITB-21-014 Wastewater Treatment Plant Equipment and Parts  
Pre-Bid Meeting Attendee List

✓	Company Name	Contact Name	Title	Phone No.	Email
✓	Wood Equipment Co.	Brent Yager	Piedmont Territory Sales Manager	804-798-8844	<a href="mailto:byager@woodequip.com">byager@woodequip.com</a>
	Wood Equipment Co.	Christine Norman	n/a	804-798-8844	<a href="mailto:cnorman@woodequip.com">cnorman@woodequip.com</a>
✓	Geiger Pump & Equipment Co.	Jeremy Marine	n/a	410-682-2660	<a href="mailto:JMarine@geigerinc.com">JMarine@geigerinc.com</a>
✓	Motion Industries, Inc	David Brady	Branch Manager	703-393-2314	<a href="mailto:David.Brady@motion-ind.com">David.Brady@motion-ind.com</a>
✓	Sherwood Logan & Associates	John Logan		410-980-8763	<a href="mailto:logan.j@sherwoodlogan.com">logan.j@sherwoodlogan.com</a>
✓	Watermark Environmental Systems	Eric Dickerson		610-675-7680	<a href="mailto:eric@watermarkenvsys.com">eric@watermarkenvsys.com</a>
✓	Heyward Inc.	James Frazier		804-802-2000	<a href="mailto:jfrazier@heywardinc.com">jfrazier@heywardinc.com</a>
✓	Ferguson Waterworks	Peter Hutchins	Municipal Sales Rep	540-247-0627	<a href="mailto:Peter.Hutchins@Ferguson.com">Peter.Hutchins@Ferguson.com</a>
✓	Engineered Systems & Products, Inc.	Rich Stafford	Sales Rep	804-937-2877	<a href="mailto:Rstafford@esp-richmond.com">Rstafford@esp-richmond.com</a>
✓	AquaTec, Inc.	Chad Ryan		815-654-1500	<a href="mailto:c.ryan@aquatecinc.com">c.ryan@aquatecinc.com</a>
✓	Philadelphia Mixing Solutions, LTD	Austin Bashline	Regional Sales Manager	717-679-7161	<a href="mailto:abashline@philamixers.com">abashline@philamixers.com</a>
✓	East Coast Valve Services	Mark Conrad	Mid-Atlantic Regional Sales Manager	757-679-8500	<a href="mailto:mconrad7161@gmail.com">mconrad7161@gmail.com</a>

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Alexandria's Water Transformers

