

## Archer Western Construction, LLC

September 4, 2020 sent via email: wpalmer@erieco.gov

645 Holbrook Street PO Box 750 Erie, CO 80516

Attention: Wendi Palmer

Subject: Town of Erie NWRF Project No. P18-323

HDR Project No. 10165426

Dear Wendi,

Archer Western is pleased to provide the Town of Erie with our Proposal for the North Water Reclamation Facility Expansion Project. Our proposal for the Construction of the Liquid Stream Improvements and the Solid Stream Improvements is based upon the following:

- Design documents from HDR including drawings and specifications dated June 3, 2020 including addendums 1, 2, and 3.
- Our Proposal is based on our question and answer log developed during bid period.
- The summary of Bid Packages Dated July 29,2020 provided by Archer Western outlines the cost proposal.
- Process Equipment Manufacturer selections were made on July 17, 2020 with HDR and are outlined on page 2 of July 29,2020 Bid Packages.
- The project Notice to Proceed will be issued before Oct.1, 2020.
- Twenty-Eight-month construction schedule starting on Oct. 1, 2020 with Substantial completion by February 1, 2023 and Final Completion before March 1, 2023.
- Complete Startup and Commissioning during the Twenty-Eight-Month construction schedule.
- Our Proposal is based on amending the agreement dated August 13, 2019 where Archer Western and The Town of Erie entered into the Town of Erie North Water Reclamation Facility Expansion CMAR Contract.
- Below is a list of Assumptions and Clarifications:

## General

- Archer Western Construction (AWC) is providing trailers for AWC including one office for HDR staff and a conference room for meetings during construction utilized by AWC and HDR.
- 2. Current estimate is based upon a 40-hour work week, Saturdays will be utilized as make up days for weather events.

1411 Greenway Drive Irving, Texas 75038 972-457-8500 An Equal Opportunity Employer



- 3. AWC is carrying a contingency of 5% for unknown items.
- 4. Construction schedule is based upon a Notice to Proceed no later than Oct. 1, 2020.
- 5. AWC is carrying an allowance of \$70,000 for SCADA as per 012100 1.2C.
- 6. AWC is Carrying an allowance of \$300,000 for WAS Tank Repairs.
- 7. Our estimate includes \$50,000 for any Fire Alarm System requirements.
- 8. AWC will provide installation of any temporary power for construction and use existing plant electrical equipment for the power. Cost of the monthly power to be covered by the Town of Erie.
- 9. AWC has not included any costs for any repairs to Existing Clarifier No.1.
- 10. AWC has not included any costs for future influent line construction.
- 11. Town of Erie to provide power, water, and chemicals for testing, start up and commissioning.
- 12. Town of Erie to provide water for startup, hydraulic testing of structures, commissioning, and performance testing.
- 13. AWC to provide dumpsters and restroom facilities for construction trades.
- 14. Exterior lighting required for safe working conditions for project employees will be provided by AWC. Temporary lighting required for safe working conditions for interior of structures to be provided by AWC.
- 15. Concrete washouts will be provided by AWC for Archer Western controlled work *only*.
- 16. Dry Packing and or grouting of equipment bases, electrical panels, electrical stands and pipe supports to be provided by AWC.
- 17. AWC is not providing any costs for the Automatic Strainer section 44 43 33.
- 18. Our Instrumentation and Control subcontractor will be Browns Hill Engineering.
- 19. Construction Dewatering will be required and is included in our proposal.
- 20. No Power Company or Utility Charges are included.
- 21.AWC has not included any cost for permit fees for any Building Department required permitting. AWC will provide support for the securing of the Building Permits with Town of Erie and will utilize licensed subcontractors.
- 22. AWC has included costs for any State stormwater permit fees or temporary ground water discharge permit fees.
- 23. AWC has excluded all sales and use taxes.

Archer Western Construction, LLC total cost proposal for the above items:

Construction: \$25,132,139Contingency: \$1,056,214

Allowance for WAS Tank Repairs \$300,000
Guaranteed Maximum Price: \$26,488,353



Do not hesitate to contact myself, Jeff Polak or Scott Smiley if there are any questions related to the proposal.

Sincerely,

Bill Nelson Senior Project Manager Archer Western Construction, LLC.

CC: Scott Smiley Jeff Polak



## Town of Erie North Water Reclamation Facility Expansion Project

## **Bid Packages 7.29.2020**

Bid Package Number	Description	Bid Date	Potential Bidders				ST VALUE BIDS	
								<u> </u>
1	Equipment Procurement	7/16/2020	Equipment Reps a	s Dictated by Specification	ons will bid to AW as CMAR	\$	5,636,380	
2	Electrical and I&C	7/16/2020	Weifield	Guarantee	Sturgeon	\$	2,686,956	
3	Geopiles	7/16/2020	Geopier / Peterson	Tensar	Hayward Baker	\$	107,500	
4	Structural Concrete	7/16/2020	AW	Garney	Moltz	\$	5,257,900	
5	Process Piping	7/16/2020	AW	Garney	Moltz	\$	2,110,000	
6	Installation and Start-up of Equipment	7/16/2020	AW	Garney	Moltz	\$	640,000	
7	Building Finishes	7/16/2020	AW	Garney	Moltz	\$	836,000	
8	Site Work/Final Grading	7/16/2020	AW	Monks	Fiore & Sons	\$	732,000	
9	Plumbing and HVAC	7/16/2020	Horizon/Strait	Murphy Mechanical	Braconieer	\$	706,000	
10	Masonry	7/16/2020	Barnes	Phoenix	AMMEX	\$	368,952	
11	Roofing	7/16/2020	Arapahoe	MB Roofing	United Roofing	\$	182,585	
12	Yard Piping	7/16/2020	AW	Redline	Garney	\$	983,000	
13	Fire Alarm	7/16/2020	Arapahoe	Rocky Mtn	Frontier	\$	50,000	
14	Coatings	7/16/2020	Coblaco	Bemus	Applewood	\$	536,000	
15	Asphalt Paving	7/16/2020	Aggregate Industries	Martin Marietta	Brannan	\$	101,000	
16	Concrete Paving	7/16/2020	AW	Marvel Concrete	P&H Equipment	\$	134,000	
17	Landscaping	7/16/2020	Powell	Western States	Environmental Logistics	\$	56,000	

Highlights are Subcontractors per Bid Pacakge

COST OF WORK	\$ 21,124,273
Bonds and Ins.	\$ 422,485
GCS	\$ 1,723,741
SUBTOTAL	\$ 23,270,499
Fee	\$ 1,861,640
TOTAL	\$ 25,132,139
GENERAL CONTINGENCY	\$ 1,056,214
Allowance for WAS Tank Repairs	\$ 300,000
GMP	\$ 26,488,353

<b>Equipment</b>	Selections
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Spec Section	Description	Vendor	In Estimate	RW	MISCO		Watson marlow	Velodyne	Huber	Huber	Aerzen Blowers Andritz	NOV	Sulzei	WEM	CO Veolia	TPS	SE	PIX	Gorman Rupp
40 05 59	Slide Gates	RW Gate	186	598	18698	21516													
41 12 13	Conveyors Screw	JMS	864	490		86490													
41 22 23	Hoists Trolleys Mono Rails	FIM	363	360															
43 11 24	High Speed Aeration Turbo Blowers	Aerzen	2102	268							210268								
43 23 13	Self Prime Cent. Pumps	Gorman Rupp	239	905										?					23905
43 23 16	In Line Cent. Pumps	w/BDP Package		0	w/BDP				w/ Huber										
43 23 24	Submersible Propellar Pumps	Veloia		0											w/veolia				
43 23 57	Progressive Cavity Pumps	Seepix	397	700									62901					39700	
43 41 45	FRP Tanks	Daniel	690	000		69000													
43 31 83	Odor Control Equipment	w/TPS Package		0															
44 43 33	Automatic Strainer	Hellan		0		29665													
46 33 11	Chem Feed Liquid Systems	Watson marlow	399	959			39959	1											
46 33 22	In Line Polymer Mixer	w/BDP Package		0	w/BDP					w/Huber									
46 33 33	Liquid Polymer Feed Equipment	Velodyne	930	050				930	050										
46 41 13	Submersible Mixers	Veolia		0										58191	w/veolia				
46 51 38	IFAS	Veloia	14052	266											1405	266			
46 71 33	Rotary Drum Sludge Thickner	BDP		0	W/ 46 71	1 46			452	984		396782							
46 71 46	Screw Press	BDP	6850	000		685000				50746	61	429734							
46 73 10	ATAD Equipment	TPS	29286	584													2928684		
		Total	56363	380															

65000 discount 44000 discount

30% Drawing Number	30% Drawing Description	60% Drawing Number	60% Drawing Description	60% Comment	60% Response	Comment Addressed (Yes/No)	90% Drawing Number	90% Drawing Description	90% Comments	90% response	Comment Addressed/Notes (Yes/No)	VE?	Constructability	Time	Drawing Finalized (Yes/No)
00 - General 00G001															
	Cover Sheet	00G001	Cover Sheet	General - Need Civil drawings General - Drawing revision box should only			00G001	Cover Sheet							Yes
00G002	Index of Drawings General Legends and Tagging /	00G002	Sheet Index General Legends and Tagging /	include relevant drawings per revision			00G002	Sheet Index General Legends and Tagging / Equip.							Yes
00G003 00G004	Equip. Abbreviations	00G003	Equip. Abbreviations				00G003	Abbreviations							+
00G005	General Abbreviations	00G004	General Abbreviations	3rd column is off; missing F to F and then down			00G004	General Abbreviations							Yes
00G006	Civil Legends and Notes Mechanical Plumbing Legend and	00G005	Civil Legends and Notes  Mechanical Plumbing Legend and				00G005	Civil Legends and Notes							Yes
	Notes	00G006	Notes   Notes				00G006	Mechanical Plumbing Legend and Notes							Yes
00G007	Electrical Legend 1	00G007	Electrical Legend 1				00G007	Electrical Legend 1							Yes
00G008	Electrical Legend 2	00G008	Electrical Legend 2				00G008	Electrical Legend 2							Yes
00G009	Instrumentation and Control Legend and Notes	00G009	Instrumentation and Control Legend and Notes				00G009	Instrumentation and Control Legend and Notes							Yes
00G010	Design Criteria	00G010	Design Criteria				00G010	REMOVED							N/A
00G013	Pipe Schedule	00G011	Pipe Schedule				00G011	REMOVED							N/A
	,														N/A
00S001	Structural Notes	00S001	Structural Notes				00S001	Structural Notes							Yes
008002		008001		Detail 1 - Shallow equipment pad; Provide			003001	REMOVED							N/A
00S501	Schedule of Special Inspections		Schedule of Special Inspections	value for "X"			005002								Yes
00S502	Structural Details 1	00S501	Concrete Details				00S501	Concrete Details							Yes
00S503	Structural Details 2	00\$502	Concrete Details					Concrete Details							+
00S504	Structural Details 3	00S503	Concrete Details and Schedules				00\$503	Concrete Details							Yes
	Masonry Details	00S504	Masonry Details				00S504	Masonry Details							Yes
00S507		00S505	Miscellaneous Details				00S505	Miscellaneous Details							Yes
-	Miscellaneous Details														N/A
00S601	Structural Schedules														N/A
															N/A
00D501									Detail 1 regarding painting clevis hangers same as piping. Hangers -						
				Detail 1 regarding painting clevis hangers same as piping. Hangers - galvanized or SS, neither					galvanized or FRP. Is intent to apply STEP over galvanizing per 09 96						
00D502	Process Details 1	00D501	Process Details 1	should be painted.  Detail 4, Note 3 State HDG, remove "or paint" -		NO	00D501	Process Details 1	00?			Х			NO
	Process Details 2	00D502	Process Details 2	conflicts with spec & makes more sense.			00D502	Process Details 2	Apply STEP over galvanizing?			Х			NO
00D503	Process Details 3	00D503	Process Details 3	Constructability: Suggest use of megalug for restraint, instead of current detail			00D503	Process Details 3	No change		No		X		
00D503	Process Details 3	00D503	Process Details 3	\$ - Spec 40 05 00 3.1C - Requires MJ joint within 2' of wall and then another joint 4-6 foot after that. Detail 2 has MJ tapped at wall. Suggest to either allow pipe to transition through wall to 1st joint 2'0 off; or remove 1st 2'0 joint off wall. See 00D504, Detail 5. (consistency)					\$ - Spec 40 05 00 3.1C - Requires MJ joint within 2' of wall and then another joint 4-6 foot after that. Detail 2 has MJ tapped at wall. Suggest to either allow pipe to transition through wall to 1st joint 2'0 off; or remove 1st 2'0 joint off wall. See 00D504, Detail 5. (consistency)		No		X		
00D504	Process Details 4	00D504	Process Details 4				00D504	Process Details 4							Yes
							00D505	Process Details 5							Yes
								Process Details 6							Yes
00D601	Hydraulic Profile	00D601	Hydraulic Profile					Hydraulic Profile							Yes
00D602	Process Flow Diagram (Liquids)	00D601	Process Flow Diagram (Liquids)					Process Flow Diagram (Liquids)							Yes
00D603	• ; ; ,							• , , ,							Yes
-	Process Flow Diagram (Solids)	00D603	Process Flow Diagram (Solids)				00D603	Process Flow Diagram (Solids)							N/A
00M501															IN/A
	Mechanical Details	00M501	Mechanical Details				00M501	Mechanical Details							
							00M601	Mechanical Schedules							Yes
															N/A
							00E500	REMOVED							N/A
		00E501	Lighting Details and Schematics			1	00E501	Electrical Luminaire Details							
00E601	Power Functional Drawing	00E601	Power Functional Drawing				00E601	Power Functional Drawing							
00E602	Electrical One-Line Diagram	00E602	Electrical One-Line Diagram				00E602	REMOVED							N/A
00E603	Lighting Panel Schedule 1	00E603	Lighting Panel Schedule 1				00E603	REMOVED							N/A
00E604	Lighting Panel Schedule 2	00E604	Lighting Panel Schedule 2				00E604	REMOVED							N/A
00E605	Lighting Panel Schedule 3	00E605	Lighting Fixture Schedule				00E605	Electrical Luminaire Schedule							Yes
	Lighting Fallot Collecture 3	JOE 003	Lighting Fixture Scriedule				50L003	Licotroal Luminiano Ochequie							<u>†                                      </u>

01 - P & ID	Committee O to floor of Domittee	04)/404	Our and the first Down		247424	
01Y101 01Y102	Screening & Influent Pumps Existing Grit Seperator, Grit	01Y101	Screening & Influent Pumps  Need note 1: New motorized downward		01Y101	Screening & Influent Pumps Yes
011102	Classifier and Treatment Trains 1		opening gate			Yes
	& 2	01Y102	Existing Grit Seperator 1		01Y102	Existing Grit Seperator 1
01Y103	New Grit Seperator, Grit Classifier		Need note 1; New motorized downward opening gate			Yes
	and Treatment Trains 1 & 2	01Y103	New Grit Seperator 2		01Y103	Not Used
01Y104						
	Secondary Clarifier Splitter		L.,			Yes
01V105	Structure and Secondary Clarifiers Aeration Blowers	01Y104 01Y105	Existing IFAS Train 1 Key note 1 - remove from this page  Existing IFAS Train 2 Key note 1 - remove from this page		01Y104 01Y105	Existing IFAS Train 1 Existing IFAS Train 2 Yes
	Existing Tertiary Filter, UV	011103	Existing if AO Train 2 Rey note 1 - Terriove from this page		011103	
	Sterilization and NPW Pumping	01Y106	New IFAS Train 3 Key note 1 - remove from this page		01Y106	New IFAS Train 3
		01Y107	Future IFAS Train 4 Key note 1 - remove from this page		01Y107	Not Used N/A
			Secondary Clarifier Splitter P&ID does not match yard pipe shown on			Secondary Clarifier Splitter Structure and
		01Y108	Structure and Secondary Clarifiers 02C107 for 8" scum; please confirm.		01Y108	Secondary Clarifiers
		01Y109	Aeration Blowers		01Y109	Aeration Blowers Yes
		0.074.40	Existing Tertiary Filter, UV		247442	Existing Tertiary Filter, UV Sterilization and NDM Daysins
01Y107	New Tertiary Filter	01Y110 01Y111	Sterilization and NPW Pumping  New Tertiary Filter		01Y110 01Y111	NPW Pumping Tes  Not Used N/A
	RAS / WAS and Scum Pumping	01Y201	RAS / WAS and Scum Pumping		01Y201	RAS / WAS and Scum Pumping Yes
			WAS Holding and Pumping			Yes
01/202	WAS Holding and Pumping	01Y202 01Y203	(Demo) WAS Holding and Pumping (New)		01Y202 01Y203	WAS Holding and Pumping (Demo)  WAS Holding and Pumping (New)  Yes
01Y203	Thickening	01Y204	WAS Thickening		01Y204	WAS Thickening Yes
01Y204	ATAD No. 1	01Y205	ATAD No. 1		01Y205	ATAD No. 1 Yes
01Y205 01Y206	ATAD No. 2 Transfer Pumps and Heat	01Y206	ATAD No. 2	<del>                                     </del>	01Y206	ATAD No. 2 Yes
011200	Exchanger					Yes
	SNDR No. 1	01Y207	Future ATAD No. 3		01Y207	Not Used N/A
	Blowers and Odor Control	01Y208	Heat Exchanger 1		01Y208	Heat Exchanger 1 Yes
01Y209 01Y210	Dewatering Dewatering	01Y209 01Y210	Future Heat Exchanger 2 SNDR No 1	+	01Y209 01Y210	Not Used         N/A           SNDR No 1         Yes
011210		01Y211	Future SNDR No 2	<u> </u>	01Y211	Not Used N/A
		01Y212	ATAD Aeration Blowers		01Y212	ATAD Aeration Blowers  Yes
		01Y213	New Odor Control 1 & Future Odor Control 2		01Y213	New Odor Control 1 & Future Odor Control 2 Yes
		01Y214	Dewatering Screw Press 1		01Y214	Dewatering Screw Press 1 Yes
		01Y215	Dewatering Screw Press 2 Screw Press 1 should be Screw Press 2		01Y215	Dewatering Screw Press 2 Yes
01Y211	Thickening and Dewatering	01Y216	Ferric Storage and Feed System Thickening and Dewatering		01Y216	Ferric Storage and Feed System  Thickening and Dewatering Polymer  Yes
011211	Polymer System	01Y217	Polymer System		01Y217	Yes System
	NPW System	01Y301	North NPW System		01Y301	Nonpotable Irrigation Pump Station Yes
01Y302	Miscellaneous Systems	01Y302	Miscellaneous Systems		01Y302	Not Used Yes ATAD Building Potable Water Distribution Yes
					01Y303 01Y304	ATAD Building Potable Water Distribution  Yes  Miscellaneous Systems  Yes
01Y401	Network Diagram	01Y401	Control System Diagram Demo		01Y401	Control System Diagram Demo Yes
04)/400	PLC Panel Layout	01Y402 01Y403	Control System Diagram New PLC Panel Layout		01Y402 01Y403	Control System Diagram New         Yes           PLC-RIO-1 Panel Layout         Yes
011402	PLC Parier Layout	01Y403	PLC Panel Layout		011403	PLC-RIO-1 Panel Layout Yes Yes
	DI Control Panel Layout	01Y404	Typical DI Module		01Y404	PLC-2 Panel Layout Yes
	DO Control Panel Layout	01Y405	Typical DO Module		01Y405	PLC-3 Panel Layout Yes
	Al Control Panel Layout  AO Control Panel Layout	01Y406 01Y407	Typical AI Module Typical AO Module		01Y406 01Y407	DI Control Panel Layout Yes DO Control Panel Layout Yes
	OIT, RIO, Misc. Panels	01Y408	Al Control Panel Layout			Al Control Panel Layout Yes
						AO Control Panel Layout Yes
					01Y410 01Y411	LCP-FS Panel         Yes           Typical PLC-2 & PLC-3 AC/DC Power         Yes
-						Typical 1602 at 1604 more than 1 Test III at
					01Y413	REMOVED N/A
01Y501	Wiring Diagram 1	01Y501	Wiring Diagram 1		01Y501	Wiring Diagram PLC-1 Amwest Job 1508 File PLC SH 8 Demo Yes
01Y502	Trining Biagrain 1	011001	Timing Diagram 1		011001	Wiring Diagram PLC-1 Amwest Job 1508
	Wiring Diagram 2	01Y502	Wiring Diagram 2		01Y502	File PLC SH 9 Demo
01Y503	Wiring Diagram 3	01Y503	Wiring Diagram 3		01Y503	Wiring Diagram PLC-1 Amwest Job 1508 File PLC SH 15 Demo
01Y504	g Diagram 0		g Singuist			Wiring Diagram PLC-1 Amwest Job 1508
	Wiring Diagram 4	01Y504	Wiring Diagram 4		01Y504	File PLC SH 16 Deno
01Y505	Wiring Diagram 5	01Y505	Wiring Diagram 5		01Y505	Wiring Diagram PLC-1 Amwest Job 1508 File PLC SH 26 Demo
01Y506						Wiring Diagram PLC-1 Amwest Job 1508
	Wiring Diagram 6	01Y506	Wiring Diagram 6		01Y506	File PLC SH 27 Defilo
01Y507	Wiring Diagram 7	01Y507	Wiring Diagram 7		01Y507	Wiring Diagram PLC-1 Amwest Job 1508 File PLC SH 28 Demo
01Y508		3007	g 200g/siii 1		0.1007	Wiring Diagram PLC-1 Amwest Job 1508
	Wiring Diagram 8	01Y508	Wiring Diagram 8		01Y508	File PLC SH 32 Demo
01Y509	Wiring Diagram 9	01Y509	Wiring Diagram 9		01Y509	Wiring Diagram PLC-1 Amwest Job 1508 File PLC SH 33 Demo
	ng Diagram 0	311000	g Singuist	<u>                                     </u>	011309	
02 - Site						
Work						
02C100	Existing Site Conditions Plan	02V100 02X101	Existing Site Conditions Plan Site Demolition Plan	<del> </del>	02V100 02X101	Existing Site Conditions Plan  Yes Site Demolition Plan  Yes
-		02A 10 I	OILE DEMONITOR FIGHT		028101	Site Demolition Plan Yes
	New Site Plan	02C101	Overall Site Plan		02C101	Overall Site Plan Yes
02C102	Grading, Erosion, and Sediment	020400	4 references to 00C501 should be 02C501;		000100	Site Levent Plan, Morth
	Control Plan 1	02C102	Site Layout Plan - North 00C501 does not exist.  Verify 6" paving with no reinforcing?	+	02C102	Site Layout Plan - North
02C103	Grading, Erosion, and Sediment		All references to 00C501 should be 02C501;			Yes
	Control Plan 2	02C103	Site Layout Plan - South 00C501 does not exist.		02C103	Site Layout Plan - South
02C104	Survey Control Plan	02C104 02C105	Site Grading Plan - North Site Grading Plan - South	<del> </del>	02C104 02C105	Site Grading Plan - North  Site Grading Plan - South  Yes  Yes
-		02C105	Site Piping Plan - North Catch basins to tie into 12" drains?	†	02C105	Site Grading Plan - South  Site Piping Plan - North  Yes
-			Missing NPW pipes from UV to process			Yes .
		02C107 02C301	Site Piping Plan - South building  12" DWR Profiles	<del> </del>	02C107 02C301	Site Piping Plan - South
		02C301 02C302	12" DWR Profiles 6" DWR and 6" WAS Profiles	1		12" DWR Profiles
			- J	·	15002	100

-	1	1	6" PW, 18" SCE and 8" SC	T T				т т	
_		02C303	Profiles	02C303	REMOVED			<u>                                       </u>	N/A
		02C304	36" ML Profiles	02C304	REMOVED				N/A
02C401	Enlarged Site Grading Plan	02C305	6" NPW and 8" NPW Profiles	02C305	REMOVED				N/A
	(Dewatering Building)								
02C402	Enlarged Site Grading Plan (New Aeration Basin)								
02C403	,							<del>                                     </del>	
02C404	Enlarged Yard Piping Plan - West Enlarged Yard Piping Plan -							+'	+
	Central								
02C405 02C501	Enlarged Yard Piping Plan - East	02C501	Detail D, pull arrow for filter fabric down to					<del>                                     </del>	+
	Civil Details 1		Site Details below aggregate base	02C501	Site Details				Yes
02C502 02C503	Civil Details 2 Civil Details 3	02C502	Site Details		Site Utility Details Junction Structure Plans and Section			<del>                                     </del>	Yes Yes
02C504	Civil Details 4			02C504	Existing Irrigation Utility Structure Modifications				Yes
02C505 02C506	Civil Details 5 Grading, Erosion and Sediment			02C505	NPW Outlet Structure				Yes
	Control Details 1			02C506	Site Utility Details				Yes
02C507	Grading, Erosion and Sediment Control Details 2								
	Control Details 2			02C601	Drainage Analysis Existing Conditions			+	Yes
				02C602	Drainage Analysis Proposed Site				Yes
02E101	Electrical Site Plan 1	02E101	Electrical Site Plan - North  Move location of key note 1 closer to MV feede						
02E101	Electrical Site Plan 1	02E101	Electrical Site Plan - North Verify reference to 00E501	02E101	Electrical Site Plan - North				Yes
02E102	Electrical Site Plan 2	02E102	Electrical Site Plan - South	02E102	Electrical Site Plan - South				Yes
03 - Headworks									
Building				03 -	NOT USED				
03S101 03S102	Elevation Plan 1 Elevation Plan 2	-	+					+ '	+
03S103	Roof Plan								1
03S301 03S302	Headworks - Section 1 Headworks - Section 2							+	+
									1
03D101	Headworks - Plan Headworks - Primary Screening							+	+
03D102	Plan								
03D103 03D301	Headworks - Grit Classifier Plan Headworks - Section							<del>                                     </del>	<del>                                     </del>
	Headworks - Primary Screening							+	+
03D302	Section								
03D303	Headworks - Grit Classifier Section								
005101									
03E101 03E102	Headworks - Electrical Plan Headworks - Lighting Plan							+	+
03E501	Headworks - Electrical Details								
03E502	Headworks - Electrical Details							+	+
	Headworks - MCC-1 One Line								1
03E601	Diagram Headworks - EMCC2 One Line							+'	+
03E602	Diagram								
04									
04 - Aeration Basins		04 - Proces	ss Building and Treatment Basins	04 - Pro	cess Building and Treatment Basins			·	
	Aeration Basin #1 & #2 Selective								Yes
04X101	Demolition 1 Aeration Basin #1 & #2 Selective			04X101	Lower Level Demolition Plan			+	
04X102	Demolition 2			04X102	Upper Level Demolition Plan				Yes
04X103	Aeration Basin #1 & #2 Selective Demolition 3								
	Aeration Basin #1 & #2 Selective								
04X104	Demolition 4	-	+	04X301	Demolition Sections			+ '	Yes
			February Lawrence WAA	2.7001					1
			Enlarged Lower Level WAS Storage Basins Selective						
		04X401	Demolition Plan						
			Enlarged Upper Level WAS Storage Basins Selective						
		04X402	Demolition Plan						
		04X601	Main Switchboard Demo One-Line Diagram	04X601	Not Used				N/A
		04X602	MCC-1 Demo One-Line Diagrams	04X602	MCC-1 Demo One-Line Diagrams				Yes
	Aeration Basin #1 & #2 Plans &	04X603	EMCC2 Demo One Line Diagram	04X603	EMCC2 Demo One Line Diagram			+	Yes
04S101	Sections	04S101	Overall Foundation Plan	04S101	Overall Foundation Plan			'	Yes
04S102 04S103	Aeration Basin 3 - Plan 1 Aeration Basin 3 - Plan 2	04S102	Overall Upper Level Plan	04\$102	Overall Upper Level Plan			+	Yes Yes
	Aeration Basin 3 - Plan 3								100
			Foundation slab reinf per 04S102 - incorrect reference; or sheet is missing reinforcing details						
04S301	Aeration Basin 3 - Sections 1	04S301	Sections		Sections			'	Yes
04S302	Aeration Basin 3 - Sections 2	<u> </u>	Verify key note 1 of FSDFS					<del>                                     </del>	+
	Aeration Basin 3 - Sections 3								
		04S401	Detail 1 should reference 04S505; not 04S503 Foundation Plan - North	04\$401	Foundation Plan - North		<del></del>		Yes
		04S402	Foundation Plan - South	04\$402	Foundation Plan - South				Yes
		04S403 04S404	Upper Level Plan - North Upper Level Plan - South	04\$403 04\$404	Upper Level Plan - North Upper Level Plan - South				Yes Yes
		040404	Enlarged Grit Seperator, Grit	1045404	Toppor Fever Flair - Goulii			+	162
		04S405	Pumping Vault and Electrical Room Plans	04\$405	Enlarged Electrical Room Plans				Yes
	L	043405	IVOOHI FIANS	1 048405	Enlarged Electrical Room Plans				res

		1	<del></del>	<del></del>	T		Enlarged Grit Cell Plan, Sections, and	T		<del></del>		
							Details					Yes
				Foundation slab reinf per 04S102 - incorrect			1					
04S501	Aeration Basin #1 & #2 Details	04S501	Wall Details	reference; or sheet is missing reinforcing details		04S501	Wall Details					Yes
040001	Actuation Busin II 1 & II 2 Betails	040001	Wan Betane	Provide values for "x"		040001	Wan Botano					Yes
				Foundation slab reinf per 04S102 - incorrect reference; or sheet is missing reinforcing details			'					
04S502	Aeration Basin 3 - Details 1	04S502	Wall Details	reference, or sneet is missing reinforcing details		048502	Wall Details					Yes
				Call out for detail 4 should reference detail 3 on			1					
				sheet 04S505, not sheet 04S502 Foundation slab reinf per 04S102 - incorrect			<u> </u>			+		Yes
				reference; or sheet is missing reinforcing details	,		'					
04S503	Aeration Basin 3 - Details 2	04S503	Details	Provide values for "x"	<del>                                     </del>	04S503	Wall Details					Yes Yes
			+	Foundation slab reinf per 04S102 - incorrect			-	+		+		Tes
0.4050.4		0.4050.4		reference; or sheet is missing reinforcing details	1	0.4050.4						
048504	Aeration Basin 3 - Details 3	04S504	Details	Check detail references - 04S401 is incorrect &		04S504	Details	+				Yes
				04S303 does not exist and details are missing			'					
		04S505	Details	information	<del>                                     </del>		Electrical Building Floor, Roof Plans and	<u> </u>				Yes
						04A101	Elevations					Yes
				Con about 04D404 for an amount along of lines		04A102	Electrical Building Sections and Details					Yes
04D101	Aeration Basin #1 & #2 Plan	04D101	Lower Level Plan - North	See sheet 04D404 for enlarged plan of lime tank to WAS should be 04D401		04D101	Lower Level Plan - North					Yes
				Section D/04D302 is an incorrect reference;								
04D102	Aeration Basin 3 - Plan 1	04D102	Lower Level Plan - South	have not found this section to exist		04D102	Lower Level Plan - South			+		Yes Yes
	Aeration Basin 3 - Plan 2	04D103	Upper Level Plan - North	Provide values for Detail XX/XXXXXX			Upper Level Plan - North					Yes
				Section D/04D302 is an incorrect reference; have not found this section to exist								Yes
	Aeration Basin 3 - Plan 3	04D104	Upper Level Plan - South	Key Note 1 -7/00D502 should be 6/00D502		04D104	Upper Level Plan - South	<u> </u>	<u> </u>	<u>+</u>		Yes
04D105	Aeration Basin 3 - Plan 4			Kay Nets 4 7/00D500 should be 0/00D500			-					Yes
04D301	Aeration Basin #1 & #2 Sections 1	04D301	Sections 1	Key Note 1 -7/00D502 should be 6/00D502		04D301	Sections 1					Yes
				No call out for Key Note 2								Yes
04D302	Aeration Basin #1 & #2 Sections 2	04D302	Sections 2	No call out for Key Note 2		04D302	Sections 2					Yes
070302		0-10002	SOLIOI D	Provide section identifiers with matching call		070302	233,0110 E			+		
				outs where necessary  Need detail for anti vortex plates								Yes Yes
04D303	Aeration Basin 3 - Sections 1	04D303	Sections 3	Key Note 1 -7/00D502 should be 6/00D502		04D303	Sections 3	+		+		Yes
				References are incorrect - E should reference								
				04D406 & F should reference 04D102 or 104			'					Yes
	Aeration Basin 3 - Sections 2	04D304	Sections 4	G/04D101 should be G/04D102			Sections 4					Yes
	Aeration Basin 3 - Sections 3 Aeration Basin 3 - Sections 4	04D305	Sections 5	this sheet is identical to 304	<del>                                     </del>	04D305 04D306	Sections 5 Sections 6					Yes Yes
U4D300	Aeration basin 3 - Sections 4		+	+			Sections 7	+		+		Yes
		0.45.404		Is there any work here, is sheet needed?		0.45.40.4	WAS Store to Followed Lower Lovel Block					
		04D401 04D402	Level Plan Pump Room - Enlarged Plan				WAS Storage - Enlarged Lower Level Plan Pump Room - Enlarged Plan	+		+ -		Yes Yes
				Verbiage for note 3 should be for note 2,			· •					
		04D403 04D404	Headworks Room - Enlarged Plan Grit Pump Vault - Enlarged Plan	provide values for XX/XXXXX  Delete key note	<del>                                     </del>	04D403	Headworks Room - Enlarged Plan					Yes Yes
			WAS Storage - Enlarged Upper	Key Note 1 -7/00D502 should be 6/00D502						+ +		
		04D405 04D406	Level Plan Blower Room - Enlarged Plan	Key Note 1 -7/00D502 should be 6/00D502	<del>                                     </del>		WAS Storage - Enlarged Upper Level Plan Blower Room - Enlarged Plan					Yes Yes
-		040400	Blower Room - Enlarged Flam	Call outs F&G/04D406 should reference		04D403	Blower Room - Enlarged Flam	+		+		Tes
		04D406	Blower Room - Enlarged Plan	04D302 (untitled) & E/04D303		04D406	Grit/Screenings Room - Enlarged Plan					Yes
			Grit/Screenings Room - Enlarged	Key Note 1 -7/00D502 should be 6/00D502 Key Note 1 -7/00D502 should be 6/00D502			<u> </u>	+		+ -		Yes
		04D407	Plan			04D407	Existing Grit Head Cell Plans and Sections	,				Yes
		04D407	Grit/Screenings Room - Enlarged Plan	Note 11 provides incorrect reference?			'					Voo
		U4D4U/	ı idli	+		<del></del>		Detail 1 references "D - See Note 3";	;	+	<del></del>	Yes
	Aeration Basin #1 & #2 Details	1			<del>                                     </del>	04D501	Details	which was not found anywhere.				No
	Aeration Basin 3 - Details 1 Aeration Basin 3 - Details 2	+	+	+		<del></del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	+		<del></del>
	Aeration Basin 3 - Details 3											
		+		Enlarged lower level of grit pumping should	<del>                                     </del>	04M101	Electrical Room - HVAC Plan	<del> </del>	<del> </del>	+		Yes
04E101	Aeration Basin 3 - Plan 1	04E101	Lower Level Electrical Plan	reference 04E402, not 102		04E101	Lower Level Electrical Plan - North					Yes
045403	Aeration Basin 3 - Plan 2	04E102	Upper Level Electrical Plan	Enlarged upper level of electrical room should reference 04E402, not 102		04E102	Lower Level Electrical Plan - South					Yes
<u>04⊏102</u>	Aciation Dasin 3 - Fidil 2	U4⊏ IUZ	Opper Lever Electrical Plan	Telerence 04E40Z, flot 10Z			Upper Level Electrical Plan - South Upper Level Electrical Plan - North	<del>                                     </del>	+	+	<del></del>	Yes
							Upper Level Electrical Plan - South					Yes
	+	1	+	+	<del>                                     </del>		<del>                                     </del>	+	+	+ +		
		1										
		04E401 04E402	Enlarged Blower Room Plan Enlarged Electrical Plans	+	<del>                                     </del>		Pump Room - Enlarged Plan Blower Room - Enlarged Plan	<del>                                     </del>	<del> </del>	+		Yes Yes
	Aeration Basin 3 - Details 1	UTL#UZ	Emarged Electrical Fidits	<u>+</u>		04E403	Grit/Screenings Room - Enlarged Plan	<u> </u>	<u> </u>	<u>+</u>		Yes
04E502	Aeration Basin 3 - Details 2		+		<u> </u>		Electrical Room - Enlarged Plan					Yes
		1	+	+		04E405 04E406	REMOVED REMOVED	+	+	+		N/A N/A
						04E407	REMOVED					N/A
	-	+	Main Switchboard Revised One-	Blower PR-B-4 is labeled AIR-B-4 on 01Y109	<del>                                     </del>	04E408	REMOVED  Main Switchboard Revised One-Line	+	<del> </del>	+		N/A
04E601	New IFAS Mixer MCC	04E601	Line Diagram	5.5.15.11 D 4 15 1455154 AIR-D-4 011 011 109		04E601	Diagram					Yes
		04E602	Main Switchboard Demo and Revised Elevations			04E602	Main Switchboard Demo and Revised Elevations					Yes
-		04⊏002	MCC-1 Revised One-Line	+		U4E0U2	LIGVALIOTIS	<del>                                     </del>	<del> </del>	+	<del></del>	Yes
		04E603	Diagrams		<u> </u>	04E603	MCC-1 Revised One-Line Diagrams					Yes
		04E604	MCC-1 Demo and Revised Elevations			04E604	MCC-1 Demo and Revised Elevations					Yes
		ooo⊣		· .		U-1-00 <del>-1</del>	Domo and Novided Lievations	+	4			103
				Verify Mixer VFDs. Any or all, not 1?			i					
		04E605 04E606	New IFAS Mixers one-line Diagram New IFAS Mixers MCC Elevation	m			New IFAS Mixers one-line Diagram New IFAS Mixers MCC Elevation					Yes Yes

		EMCC3 Revised One Line	INF-P-4 shows to be 30 hp on drawing, but										ŀ
	04E607	EMCC2 Revised One-Line Diagram	called out as 13 hp in spec 43 23 13. Confirm		04E6	807	EMCC2 Revised One-Line Diagram						Yes
-	042007	EMCC2 Demo and Revised	TIP		0420	,07	EINOUZ NOVIGGO GNO EINO BIAGIAIN				+	<del></del> '	100
	04E608	Elevations			04E6		EMCC2 Demo and Revised Elevations						Yes
					04E6	609 F	PLC-2 One Line Diagram Panelboard Schedules			<del></del>	+		Yes
				+	04E6 04E6		Panelboard Schedules Panelboard Schedules			<del></del>	+ + -		Yes Yes
					0420		Vendor Supplied Panels One-Line				+	<del></del> "	163
					04E6	312	Diagrams						Yes
					04E6	313	MCC Control Diagrams			<u> </u>			Yes
-					04E6 04E6		MCC Control Diagrams MCC Control Diagrams			<del> </del>	+		Yes Yes
					U4E0	010 1	WCC Control Diagrams			<del>                                     </del>	+		res
						05 -				_	+	_	
05 - Clarifier						arifier							
Splitter					Sp	olitter				ĺ		N/	N/A
Structure					Stru	ucture	NOT USED			<u> </u>			
050404	Clarifier Splitter, Plan, Section and Details												
05S101	Clarifier Splitter, Plan, Section and									<del>                                     </del>	+	+-	
05S102	Details												
06 - UV /		·									<del>1                                    </del>		
Dewatering													
Bldg		06 - UV / Dewatering Bldg					06 - UV / Dewatering Bldg			<b></b>			
06X101	Selective Demo Plan 06X101	Ground Level Demolition Plan	General Note A - Add sealant or patch back in note.		06X1	101	REMOVED				1	N	N/A
	Selective Demo Plan	Ground Level Demonition Flam	note.		00X1	101	KEMOVED			<del>                                     </del>	+	-+-	+
	Blower Room Demolition Plan and										1	$\top$	
06X103										<del></del>		$-\!$	
06X104	UV/Dewatering Demolition plan and details										1		ı
JUA 104	UV/Dewatering Demolition plan		+							<del>                                     </del>	+	+	
06X105	and details 2		<u> </u>					 		<u>L</u>	<u> </u>		
	UV/Dewatering Demolition plan												
06X106	and details 3	Dowetoring Continu		+	001/0	201	REMOVED			<del> </del>	+		N/A
	06X301 06X302	Dewatering Section Dewatering Section	+	+	06X3		REMOVED REMOVED			<del></del>	+ + -		N/A N/A
	Thickening Platforms Plan											- 14/	
06S102	Dewatering Platforms Plan												
	Disk Filter Addition Plan									<u> </u>			
	Thickening Platforms Section  Dewatering Platforms Section									<del> </del>	+	$-\!$	
	Disk Filter Addition Section										+		
06S501	Disk Filter Addition Details 1												
06S502	Disk Filter Addition Details 2												
000404	Diek Filten Addition Dlen									<u> </u>		-	
	Disk Filter Addition Plan Disk Filter Addition Sections		-	+		+				<del>                                     </del>	+ + -		$\longrightarrow$
	Disk Filter Addition Details 1										+	-+	$\overline{}$
	Disk Filter Addition Details 2												-
06D101 06D102	Thickening Plan 06D1 Dewatering Plan	01 Ground Level Plan	Key Note 2; provide values for XX/XXXXXX		061	D101	REMOVED			<del> </del>	+	N	N/A
	Disc Filter Addition Plan									<del>                                     </del>	+	-+-	
06D301	Thickening Sections 06D3	01 Section			061	D301	REMOVED					N	N/A
	Dewatering Sections 06D3	02 Section	Key Note 2; provide values for XX/XXXXXX		061	D302	REMOVED					N	N/A
	Polymer System Plan & Sections Disc Filter Addition Sections									<del>                                     </del>	+		$\longrightarrow$
06D504						+				<del></del>	+	-+-	$\overline{}$
06D502													
										<u> </u>			
06M101										<del>                                     </del>	+		$\longrightarrow$
06M102 06M103	Disc Filter Addition Plan									<del>                                     </del>	+	+-	$\overline{}$
06M301	Disc Filter Addition Section										1		$\overline{}$
06M501	Disc Filter Addition Detail							 					
06E101	Plan 1			ļ						<del></del>	+	-	
06E101 06E102				1		-				<del></del>	+ +	-+-	
06E103	Disc Filter Addition Plan 1										<u> </u>	<u>_</u> t_	
	Disc Filter Addition Plan 2												
06E501 06E502				+						<del> </del>	+		
	Disc Filter Addition Details				<del></del>					<del>                                     </del>	+	+	
	Disc Filter Addition Details 2										<u> </u>	<u>_</u>  _	
07 - ATAD												$\overline{}$	
Bldg		07 - ATAD Bldg	<u> </u>				07 - ATAD Bldg	 		<u>L</u>	<u> </u>		
	07\$100	Schedules and Details	Complete pier placement schedule		07S1		REMOVED						N/A
	Foundation Plan 07S101 Pump Gallery Plan 07S102	Drilled Pier and Foundation Plan First Floor Plan	General note D: complete note	+	07S1	01 F	Foundation Plan Roof Framing plan			<del></del>	+		Yes Yes
	Upper Level Plan 07S102	Mid Level Plan		1	07S1	03	Roof Framing plan REMOVED			<del></del>	+ +		N/A
	Blower Room plan 07S104	Roof Plan			0751		REMOVED				+ + + + + + + + + + + + + + + + + + + +		N/A
07S105	Electrical Room Plan												
	Roof Framing Plan									<del></del>	<del></del>		
	Biofilter Plan Biofilter Sections	+	+	+	-					<del></del>	+ +	+-	
010100		<u> </u>	Section B - Move trench drain 6" away from	<del> </del>							+	+-	
	Sections 1 07S301	Sections	wall		07S3	801	Sections	 		<u></u>		Y	Yes
	Sections 2											$\bot$	
07S303 07S304	Sections 3			<del> </del>						<del></del>	+	-+-	
	Sections 4 Sections 5		+	+	<del>                                     </del>					<b>—</b>	+ + + + + + + + + + + + + + + + + + + +	+	
3.000	07S401	Enlarged plan - Pump Gallery	Need sections through E-W walls somewhere		07S4		REMOVED				<u> </u>	N	N/A
			Move trench drain 6" away from wall			F	REMOVED						N/A
	075402		ding		07\$4		REMOVED			<del> </del>	<del></del>		N/A
	07S403	Enlarged Plan - Dewatering Build			07S4	ius I	REMOVED		ļ			N/	N/A
-			Monorail note 7 references detail 4/009509				j.			Į.			
			Monorail note 7 references detail 4/00S508; change to reference detail 5 or 7 on sheet										
07\$501	Details 1 07S501	Monorail details			0785	501	Details					Ye	Yes

078502	Details 2 Details 3				07S502	Details Details			Yes
07S503 07S504	Details 3				07S510 07S511	Roof Details Roof Joist Design Loads and Details			Yes Yes
0.0001	Source :				0.00	Tree voice Book and Bound			N/A
	Code Plans and Notes	07A100	Code Analysis		07A100	Code Analysis			Yes
07A101	Lower Level Plan Main Level Plan	07A101 07A102	First Floor Life Safety Plan Mid-Level Life Safety Plan		07A101 07A102	First Floor Life Safety Plan REMOVED			Yes N/A
	Upper Level Plan	07A102	First Floor Plan		07A102	Ground Floor Plan			Yes
07A104		07A104	Mid-Level Plan		07A104	Roof Plan			Yes
		07A105	Roof Plan		07A105	REMOVED			N/A
	North and South Elevations East and West Elevations	07A201 07A202	Building Elevations  Building Elevations		07A201 07A202	Building Elevations Building Elevations			Yes Yes
07A202	East and West Elevations	07A202 07A301	Building Sections		07A202 07A301	Building Sections			Yes
		07A302	Wall Sections		07A302	Wall Sections			Yes
	Architectural Enlarged Plans and								
07A401	Interior Elevations 1 Architectural Enlarged Plans and	07A401	Enlarged Stair Plan and Sections		07A401	Enlarged Plans and Sections			Yes
07A402	Interior Elevations 2	07A402	Enlarged Plans		07A402	REMOVED			N/A
	Wall Sections and Details 1								
	Wall Sections and Details 2								
	Wall Sections and Details 3 Wall Sections and Details 4								
	Wall Sections and Details 4 Wall Sections and Details 5								+ + + + + + + + + + + + + + + + + + + +
	Wall Sections and Details 6								
	Wall Sections and Details 7								
	Wall Sections and Details 8 Wall Sections and Details 9								+
	Wall Sections and Details 9  Wall Sections and Details 10								
07A311	Stair Sections and Details								
		07A501	Details detail 8 - Bollard plan detail - replace ????		07A501	Details			Yes
	Head Jamb and Sill Details Roof Details				07A502 07A503	Details Details			Yes Yes
01/0000	, cor botano		+	<del> </del>	017303	Socialis			Tes
	Room Finish and Door Schedules								
	Grating and Handrail Details Grating Platform Plan and Details								
U/A506	Grading Pladform Plan and Details	07A601	Schedules and Details Complete room finish schedule	+	07A601	Schedules and Details			Yes
07D101	Process Overall Plan	07D101	Ground Level Plan		07D101	Overall Lower Level Plan			Yes
	Process Pump Gallery Plan	07D102	Second Level Plan		07D102	Overall Upper Level Plan			Yes
	Process ATAD Plan								
	Process Blower Room Plan Process Upper Level Plan								+ + + + + + + + + + + + + + + + + + + +
07104	1 100000 Oppor Edver Figure								
07D105	Process Odor Control System Plan								
078004	5 5 6 " 6 "	070004	Confirm piping at SNDR & ATADs. P&IDS		070004				
	Process Pump Gallery Sections Process ATAD Sections	07D301 07D302	Overall Sections seem to match for ATADs but not SNDRs.  Overall Sections		07D301 07D302	Sections 1 Sections 2			Yes Yes
	Process Blower Room Sections	07D302 07D303	Process Blower Room Sections		07D302	Sections 3			Yes
07D304	Process Upper Level Sections	07D304	Process Upper Level Sections		07D304	Sections 4			Yes
	Process Odor Control System		Process Odor Control System						
07D305	Sections	07D305	Sections		07D305 07D306	Sections 5 Sections 6			Yes Yes
-					07D300	Sections 7			Yes
					07D308	REMOVED			N/A
						Enlarged Lower Level Plan - Biofilter and			
					07D401	Ferric  Expersed Lower Lovel Plan, SNIDB1 and			Yes
					07D402	Enlarged Lower Level Plan - SNDR1 and Piping Gallery			Yes
-					0.2.02	Enlarged Lower Level Plan - ATAD 1 & 2			1.55
						and Piping Gallery			Yes
					07D404 07D405	Enlarged Lower Level Plan - Dewatering Enlarged Upper Level Plan - Biofilter			Yes Yes
					0710405	Enlarged Upper Level Plan - SNDR 1 and			res
					07D406	Piping Gallery			Yes
						Enlarged Upper Level Plan - ATAD 1 & 2			
07DE01	Process Details 1				07D407	and Piping Gallery			Yes
	Process Details 1								+ + + + + + + + + + + + + + + + + + + +
	Process Details 3								
07D504	Process Details 4								
071/101	Pump Gallery HVAC Plan	07M101	Pump Gallery HVAC Plan		07M101	First Floor HVAC Plan			Yes
	Main Level HVAC Plan	07M101	Main Level HVAC Plan		07M101	Roof Mechanical Plan			Yes
07M103	Upper Level HVAC Plan	07M103	Upper Level HVAC Plan		07M103	REMOVED			N/A
0714204	Castiona	07M104	Roof Level HVAC Plan		0714204	UNIAC Castiana			Vec
07M301	OCCIOUS	07M301	Sections		07M301	HVAC Sections			Yes
07M501	Details	07M501	Details		07M501	REMOVED			N/A
	Controls Schematic	07M601	Controls Schematic		07M601	REMOVED			N/A
	Schedules Odor Control Isometrics	07M602 07M901	Schedules Odor Control Isometrics		07M602	REMOVED REMOVED			N/A N/A
07101801	Caol Colling Isollicings	OT INI DO I	Cust Control (Sometics	<del> </del>	OT IVIBUIT	TALMO V LD		<del>                                     </del>	N/A
	Pump Gallery Plan	07P101	Pump Gallery Plan		07P101	Foundation level Plumbing Plan			Yes
	Main Level Plan	07P102	Main Level Plumbing Plan		07P102	First Floor Plumbing Plan			Yes
07P103 07P301	Upper Level Plan Sections	07P103 07P301	Upper Level Plumbing Plan Sections		07P103	REMOVED			+
071 301	200000	371 301	55555.5	<del> </del>	07P401	REMOVED			+ + + + + + + + + + + + + + + + + + + +
					07P501	Plumbing Fixture Schedule			Yes
07P901		07P901	Plumbing Risers		07P901	Plumbing Risers			Yes
07P902	Isometrics	07P902	Isometrics	+	+	+	+	<del>                                     </del>	+ + +
-	Pump Gallery Lighting and Power		+					<del>                                     </del>	<del>                                     </del>
07E101	Plan	07E101	First Floor Power Plan		07E101	First Floor Power Plan			Yes
·	Main Level Lighting and Power	075400	Mid Level Payer Plan		075400	Happer Level Power Plan			
075400		07E102	Mid-Level Power Plan		07E102	Upper Level Power Plan		<del>                                     </del>	Yes
07E102	Plan 1 Main Level Lighting and Power			!					
•	Main Level Lighting and Power Plan 2	07E103	Roof Power Plan		07E103	Roof Power Plan			Yes
07E103	Main Level Lighting and Power Plan 2 Main Level Lighting and Power	07E103	Roof Power Plan		07E103	Roof Power Plan			Yes
07E103	Main Level Lighting and Power Plan 2 Main Level Lighting and Power Plan 3	07E103	Roof Power Plan		07E103	Roof Power Plan			Yes
07E103 07E104	Main Level Lighting and Power Plan 2 Main Level Lighting and Power	07E103	Roof Power Plan		07E103	Roof Power Plan			Yes

Upper Level Lighting and Power										
07E106 Plan										
07E107 Biofilter Power Plan	07E110	1st Floor Lighting Plan	check spelling/typos throughout the notes		075110	1st Floor Lighting Plan				Yes
	07E111	Mid-Level Lighting Plan	check spelling/typos throughout the notes		07110	13t Floor Lighting Flair				163
		Enlarged Electrical Room Power	??							
	07E401	Plan			07E401	Enlarged Power Plan - Biofilter and Ferric				Yes
					07E402	Enlarged Power Plan - SNDR1 and Piping Gallery				Yes
-					07 E402	Enlarged Power Plan - ATAD 1 & 2 and				res
					07E403	Piping Gallery				Yes
					07E404	Enlarged Power Plan - Dewatering				Yes
						Enlarged Electrical Room Power Plan				Yes
-						Enlarged Upper Level Power Plan Enlarged Upper Level Power Plan				Yes Yes
-					07E408	Enlarged Upper Level Power Plan				Yes
07E501 Details 1	07E501	Details 1				Details				Yes
07E502 Details 2	07E502	Details 2			07E502	REMOVED				
07E503 Details 3	07E503	Details 3			07E503	REMOVED				
07E504 Details 4 07E601 Switchboard	07E504 07E601	Details 4 Switchboard			07E504 07E601	REMOVED Switchboard SWBD-1	+		-	Yes
07E602 MCC One-Line	07E602	MCC1 One-Line				MCC4 One-Line				Yes
			NPW pumps 1 and 2 should be 5 & 6 per							
07E603 Solids MCC One-Line	07E603	Solids MCC One-Line	01Y204 and spec 43 23 16		07E603	MCC5 One-Line				Yes
07E604 Schedules	07E604	Solids MCC Conduit Schedule	1			MCC4 and MCC5 Elevations	1		<u> </u>	Yes
07E605 Generator	07E605	Solids MCC Conduit Schedule			07E605	PLC-3 One Line Diagram  Vendor Supplied Panels One Line				Yes
07E606 I&C Control Panel One-Lines 1	07E606	Solids MCC Conduit Schedule			07E606	Diagrams				Yes
						Vendor Supplied Panels One Line				
07E607 I&C Control Panel One-Lines 2	07E607	Solids MCC Conduit Schedule				Diagrams				Yes
07E608 I&C Control Panel One-Lines 3	07E608	Solids MCC Conduit Schedule I&C Control Panel One-Lines 1				MCC Control Diagrams				Yes
07E609 I&C Control Panel One-Lines 4 07E610 Conduit and Cable Schedule	07E609 07E610	I&C Control Panel One-Lines 1 I&C Control Panel One-Lines 2				MCC Control Diagrams Panelboard Schedules				Yes Yes
07E010 Coriduit and Cable Scriedule	07E610	I&C Control Panel One-Lines 3				ATAD Conduit Schedules				Yes
	07E612	I&C Control Panel One-Lines 4				ATAD Conduit Schedules				Yes
	07E610	Conduit and Cable Schedule			07E613	REMOVED				
					07E614	REMOVED				
					07E615 07E616	REMOVED REMOVED				
-					07E617	REMOVED				
					07E618	REMOVED				
					07E619	REMOVED				
					07E620	REMOVED				
					07E621	REMOVED				
08 - Odor										
Control Structure										
08S101 Foundation Plan										
08S102 Framing Plan										
08S301 Sections 1										
08S302 Sections 2										
08S501 Details 1 08S502 Details 2										
555502 Details 2	1	1	+						<del>                                     </del>	
08D101 Lower Level Plan	08D101	Ground Level Plan	Add to notes			_				
08D102 Upper Level Plan										
08D301 Sections 1	08D301	Sections 1								
08D302 Sections 2	08D302 08D303	Sections 2 Sections 3	+						<del> </del>	
08E101 Lower Level Power Plan	08E101	Lower Level Power Plan	+						<del>                                     </del>	
08E102 Upper Level Power Plan	08E102	Upper Level Power Plan								
08E501 Details	08E501	Details								
09 - WAS										
Storage										
Tanks										
WAS Storage Tank No. 1 Selective	е									
09X101 Demolition WAS Storage Tank No. 2 Selective										
09X102 Demolition VAS Storage Tank No. 2 Selective	-									
	1						1			
WAS Storage Tank No. 1										
09D101 Improvements	1									
WAS Storage Tank No. 2										
09D102 Improvements	1		+		-		+	1		<b> </b>
WAS Storage Tank No. 1 Section										
WAS Storage Tank No. 1 Section opp501 and Details										