

PROGRESS MEETING MINUTES

Project: EDGAR WWTF

Progress Meeting# 15

Date: NOVEMBER 19, 2024

Location: EDGAR VILLAGE TOWN HALL

REQUIRED ATTENDEES

Owner / Engineer: **SEE ATTACHED SIGN IN SHEET**

Staab Construction:

Subcontractors / Suppliers:

Guests:

PREVIOUS MEETING MINUTES

Discussion Points

1. Gas Service ready to be turned on? **Gas is turned on. Heaters are operating.**
2. Grit Tank clarifications for air lines and baffles
3. DMR forms / Wonderware – **Brad to follow up on reports, and what they cost.**
4. Install pipe bollards @ electrical gear – **need locates for gas lines and electrical lines.**

Action Items (From Last Meeting):

SAFETY TOPICS

- o **Need better rigging. Scaffold part fell from crane swing and punctured dome panel.**

RFI'S – REFERENCE LOG

Pending / Open

o

Closed

CHANGE ORDERS – REFERENCE LOG



Pending

- Extra primary Clarifier work due to excessive corrosion
- 35' Clarifier Effluent pipe work. Pipe was 4 feet lower than indicated on plans
- Alum desks – **Cost too high. Gary to rethink.**
- Leaking sanitary Manhole
- Additional railings @ aeration covers
- **Help remove primary clarifier pipe obstruction.**

Underground wiring – from Jake – **shouldn't be any cost impacts.**

Approved

- **22' Clarifier demo and FRP cover demo**

PROGRESS PAYMENT

Pending

This week

Approved

- \$282,972.00

Next Month's- Reference Project Payment Schedule

- Value estimated at \$300,000.00

CONSTRUCTION SCHEDULE – LONG TERM SCHEDULE REVIEW (HANDOUT)

Previous 30 Days Work Progress:

- Electrical conduit
- Underground process pipe
- Poured Storage Building concrete slab
- Painting touch-ups
- North Aeration Basin concrete Walls and shored walkways
- Completed north primary clarifier and placed into operation
- Poured Blower room concrete slab
- Installed Blower room precast
- Installed 35' clarifier weirs, baffles, and scum trough
- Installed telescoping in Sludge Pit



30 Day Look ahead schedule:

- Install stairs & railings @ Blower Room & Clarifier
- Install 35' Clarifier Equipment
- Install Trolley beam and roof drains in Blower room
- Pour Blower room precast topping
- Install Blower piping
- Install North Aeration process piping
- Install North Aeration walkways
- Install North Aeration FRP covers
- Install North Aeration, Aeration system, mixer & scum trough

Staab Construction

- See above

Engineer/ Owner

- Jobsite inspections
- O&M Manual reviews
- Process RFI's

Plumbing

- Roof drains w/ piping

HVAC

- Install storage building gas pipe - **work is completed.**
- **Blower room fan and louver.**

Controls Integration

- Fabrication – **Per Brad, a mid-December delivery to their shop. Two weeks of work at Energenecs.**

Electrician

- **Conduit and conductors.**
- **Blower room.**

Concerns impeding Schedule

- Controls delivery
 - Energenecs to provide a delivery date



CRITICAL PATH SUBMITTALS – (SUBMITTAL LOG, OM, WARRANTY AND COMMISSIONING)

Submittals

Operation and Maintenance Manuals

Warranty

Commissioning

OPEN DISCUSSION

Owner

- Clean up site before the snow flies.
- North primary clarifier T-valve turns hard. Gary suggests using air in the line to create an air-lift valve.
- Hydrant valves turn hard. Need to investigate.
- Scada system light is on, but no alarm for Industrial L.S. (high float).
- Dialer alarm. Energenecs to check into fixing old auto dialer. Bart to work with Kendell.
- Chlorine contact tank 12” valve wouldn’t turn. Valve is stuck closed. SCC to dig down and check for problem. Valve is 4’ deep.

Engineer

- Gary to provide an electrical change over process description.

Staab Construction

- We questioned the timing for the north basin equipment start-ups. Per Gary, we’ll wait until spring.

Subcontractors

- Gordie is looking for pinch valve control information. Brad Mintink to provide clarification. Gary to also confirm.

Others

- Steve questioned if the May 1, 2025 substantial completion date is realistic. At this time, it appears to be ok.

The next meeting is scheduled for Dec 17, 2024 at 10am

Located at _____





100% EMPLOYEE OWNED

Premier Contractor of Environmental Civil Construction

ATTACHMENTS

- 00 Meeting Sign in sheet - FILLED IN
- 01 Progress Meeting Agenda
- 02 SCH 4638 3 WEEK
- 03 Staab PM RFI Log
- 04 Staab PM Submittal Log – Package
- 05 Staab PM OM Log – Package
- 06 Staab PM WARRANTY Log – Package
- 07 Staab PM COMMISSIONING Log – Package
- 08 Staab AIS Log – Package
- 09 Staab PM Change Order Log
- 10 Payment Processing Schedule- EDGAR WWTF
- 11 4638 - P6 Schedule
- 12 EQP Delivery-Start Up Schedule - EDGAR



Safety – Excellence – Team – Trust – Respect

1800 LAEMLE AVE | MARSHFIELD, WI | PH (715) 387-8429

<https://www.staabco.com/>

MEETING SIGN-IN SHEET

Project:	Edgar WWTF	Meeting Date:	
Facilitator:	Engineer	Place/Room:	Village of Edgar – Village Hall

Name	Title	Company	Phone	E-Mail	Initial & Date
Leon Haffenbredl	Project Manager	Staab Construction	715-305-7972	Leon.haffenbredl@staabco.com	
Brian Busche	Site Supervisor	Staab Construction	715-305-7983	Brian.busche@staabco.com	
Roger Strand	Project Manager	Cooper Engineer	715-518-3698	rstrand@cooperengineering.net	
Gary Strand	Engineer	Cooper Engineer	715-234-7008	gstrand@cooperegnineering.net	
Brian Akason-A	Energenecs	Energenecs	414-940-1570	briakakason@energenecs.com	
Randy Werner		Edgar Village Board	715-352-3152	Rwrnr55@gmail.com	RW 11/19/24
Nate Myszka	Project Engineer	Cooper Engineer	715-581-2277	nmyszka@cooperengineering.net	NM 11/19/24
Bart Lehman	Wastewater Operator	Village of Edgar	715-615-2963	wastewaterdept@edgarwi.org	BL 11-19-24
Bill Tess	Water Operator	Village of Edgar	715-615-2964	Bill.tess@edgarwi.org	BT 11-19-24
Jeni Lopez	Village Administrator	Village of Edgar	715-352-2891	Jennifer.lopez@edgarwi.gov	JL 11-19-24
Skyler DeBoer-A	OPS/Project Manager	Earth, Inc.	715-652-2522	Skyler.deboer@tds.net	
Dan DeBoer-A	President	Earth, Inc.	715-652-2522	Don.earth@tds.net	
Jesse Patten-A	WPS Elect Designer	WPS	715-573-0349	Jesse.patten@wisconsinpublicservice.com	
Steve Opatik-A	USDA Rural Dev. State Engineer	USDA	715-899-0396	Stephen.opatik@usda.gov	
Mike Schmidt	Project Manager	Sargent Electric	920-304-6348	mschmidt@sargentelectric.com	
Andrew Check	WI DNR - Remote				
April Anderson	Project Coordinator	Staab Construction	715-207-5963	April.anderson@staabco.com	

Name	Title	Company	Phone	E-Mail	Initial & Date
Brady Webster	EIT	Cooper Engineering	715-827-1544	bwebster@cooperengineering.net	
Gordon Smukowsh		Sargent Electric	920-883-2924	gsmukowsh@sargentelectric.com	GS 11-19-24
Jake Krenke		Sargent Electric			
Brad Mentenk		Energenecs			
Julie Giese					
Jim Charron		Switlick & Sons	715-571-1824	Jim.charron@yahoo.com	
Dawson Dick		STAAB	715 656 2820		DD 11-19-24

Staab Construction 3 Week Schedule				Project:		4638 - Edgar WWTF											Date:		Monday, November 18, 2024																
Crew:				Enter Monday's Date															Name:		Brian B														
Contractor	Phase Code	Avail Hours	Description of Work	Week Of							11/11/2021		Next Week					11/18/2021			Total MH		2 Weeks Out					11/25/2021			Total MH		FTE	% Complete	Notes/Comments
Staab			List activities by crew with required equipment	S	M	T	W	TH	F	S	Total MH	FTE	S	M	T	W	TH	F	S	Total MH	FTE	S	M	T	W	TH	F	S	Total MH	FTE	% Complete	Comments			
General Con			Conc Demo								0	0										0	0									0	0		
			North AB Shored Walkways								0	0										0	0									0	0		
			35' Clarifier Walls								0	0										0	0									0	0		
			North Aeration Walls		40	30	20	10			100	2.5										0	0									0	0		
			Grind & Rub		10						10	0.25	10	10	10							30	0.75	10	10	10	10					40	1		
			Misc Metals - Stairs								0	0	10	10								20	0.5									0	0		
			Pour Storage Garage Floor								0	0										0	0									0	0		
			Blower Rm Roof topping								0	0			20	50						70	1.75									0	0		
			Set Precast on Blower Bldg				20	30			50	1.25										0	0									0	0		
			Core holes for Blower pipe & Roof Drains				10	10			20	0.5										0	0									0	0		
											0	0										0	0									0	0		
											0	0										0	0									0	0		
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Total General					50	30	50	50	0	0	180	4.5	0	20	20	30	50	0	0	0	120	3	0	10	10	10	10	0	0	0	40	1			
Mechanical Con			35 Final Clarifier & Bridge Mods			20					20	0.5	10	10	10						30	0.75				20					20	0.5			
			AB Bridges								0	0									0	0	30	40	40						110	2.75			
			Manholes, yard pipe								0	0									0	0									0	0			
			Blower Rm piping, roof drains								0	0	10	10	10						30	0.75									0	0			
			Digester Aeration								0	0									0	0									0	0			
			AB Aeration & Mixers								0	0									0	0					20				20	0.5			
			Equip Start ups								0	0									0	0									0	0	Pending Elec		
			Blower Rm Mono Rail								0	0	10	10							20	0.5									0	0			
											0	0									0	0									0	0			
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Total Mechanical					0	20	0	0	0	0	20	0.5	0	30	30	20	0	0	0	0	80	2	0	30	40	40	40	0	0	0	150	3.75			
TOTAL HOURS SCHEDULED TO BE COMPLETED DAILY FIGURING 10 HOURS/INDIVIDUAL				0	50	50	50	50	0	0	200	5	0	50	50	50	50	0	0	0	200	5	0	40	50	50	50	0	0	0	190	4.75			
Contractor	Phase Code	Phase Code	Description of Work	Week Of							11/11/2021		Next Week					11/18/2021			Total MH		2 Weeks Out					11/25/2021			Total MH		FTE	% Complete	Notes/Comments
Subcontractors				S	M	T	W	TH	F	S	Total MH	FTE	S	M	T	W	TH	F	S	Total MH	FTE	S	M	T	W	TH	F	S	Total MH	FTE	% Complete	Comments			
Sanchez			Paint		10	10					20	0.5									0	0				10	10	10					30	0.75	Weather pending
Sargent			Elec		20	20	20	20			80	2	20	20	20	20					80	2	20	20	20	20					80	2			
Bald Eagle			Rebar Install								0	0									0	0									0	0			
Hub City			OH Door								0	0									0	0									0	0			
Staley P&H			HVAC								0	0									0	0									0	0			
Butkus			Masonry								0	0									0	0									0	0			
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TOTAL HOURS SCHEDULED TO BE COMPLETED DAILY FIGURING 10 HOURS/INDIVIDUAL				0	30	30	20	20	0	0	100	2.5	0	20	20	20	20	0	0	0	80	2	0	30	30	30	20	0	0	0	110	2.75			
DATE	DESCRIPTION OF TRIP			TRUCK #	START MILES	END MILES	TRIP MILES	JOB CODE	ACCT CODE	TRUCK MAINTENANCE COMPLETED																									
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RFI	24 - MIXER WIRE SIZE	Status	CLO
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Requesting Firm / Con SARGENT ELECTRIC COMPANY - JACOB KRENKE

Date Sent 7/8/24

Response Req'd by: 7/10/24

Mixer 1 and 2 show that they should be wired with a #8. With the amount of amperage they are rated at, they can be a #12. No derating is necessary due to length either. The termination box on the motors that arrived only have a 1/2" opening to get wires through. The #8s will not fit. The wire has already been purchased so we can try to stay ahead on the project and can't be returned. I would like to submit a change order for the correct wire size if approved. Please advice on how to proceed.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 7/16/24

Revise conductor size from #8-XHHW-2 to #12 XHHW-2 single conductors. 1/2" conduit fill permits 4-#12 XHHW-2 conductors.

RFI	23 - SHOWER OPENING LOCATION & MASONRY MOD	Status	CLO
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Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 6/7/24

Response Req'd by: 6/10/24

Staab is proposing to eliminate the small masonry return that is clouded in the attached drawings on the west side of the door. Staab is proposing to move the door to the west in the drawing so that it butts up to the west masonry wall that runs north and south. Staab would then extend the masonry wall on the east side of the door to accommodate this move. The west wall where the door is to be mounted will need to be core filled if it is not already at that location to hang the shower partition door. Engineer to confirm this change is acceptable.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 6/10/24

The modification is acceptable

RFI	22 - 35' CLARIFIER WALL FORMING	Status	CLO
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Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 6/3/24

Response Req'd by: 6/5/24

Engineer to confirm the attached Wall Extension Plan for the Ex. 35' clarifier is acceptable. This would eliminate the haunch demo.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 6/4/24

We would prefer to not have a large mass of concrete cantilevered off the existing wall. The haunch does not need be removed, just the weir wall portion.

RFI	21 - YARD HYDRANT CLARIFICATION	Status	CLO
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Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 4/28/24

Response Req'd by: 5/1/24

Per sheet 3, a yard hydrant located in the dump platform is to be salvaged and relocated to the new dump station MH location. This yard hydrant does not exist. The closest hydrant to this location is of the northwest corner of the Chlorine Contact Tank. It was discussed with the owner that this hydrant should be left at that location. Per sheet 5, next to the new dump station the plans call for a new yard hydrant. Is there an existing hydrant somewhere that needs to be reused, indicate where this is, and if so where does it need to be located? At this time Staab has accounted for a new yard hydrant tying into the rerouted 2" water service. Engineer to confirm this is also the correct interpretation.

Attached sheets for clarification on questionable areas.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 4/29/24

We are in agreement that an existing hydrant is not available for relocation. Please proceed with a new hydrant.

RFI 20 - HAZARDOUS LOCATIONS IDENTIFIED **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - JACOB KRENKE
 Can we get a clouded area drawing for hazardous locations of the site for verification?

Date Sent 4/16/24

Response Req'd by: 4/19/24

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND
 See attached drawings

Response Rec'd on: 5/3/24

RFI 19 - WINDOWS IN THE LAB **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 3/18/24

Response Req'd by: 3/20/24

Gary, the city has reached out to Staab about adding an additional window to the lab. The city had suggested moving the larger 4'-0" x 3'-0" to the northside of the lab (RFI 003) and including an additional casement on the southside of the building.

Staab is looking for direction on location and size of the additional window and if the larger 4'-0" x 3'-0" window is moving so this can be reoriented in the shop drawings. This will drive additional costs so please let us know how to proceed.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 3/28/24

Please relocate the 4'-0" x 3'-0" window to the north lab wall and provide a 3'-0" x 3'-0" fixed glass window centered on the lab sink, as well as a 3'-0" x 3'-0" casement style window in the original window location. See attached sketch.

RFI 18 - STORAGE SHED DRAWINGS **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - JACOB KRENKE

Date Sent 3/11/24

Response Req'd by: 3/13/24

On the storage shed drawings, there is a CO detector mentioned in a couple different places. As this is typically a HVAC controls device, we would like some clarification on who is to provide this.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 3/12/24

It is indicated on the electrical plan, and is intended to prevent of equipment with the doors closed. So, it is more of a door controller/ override than it is for detecting a malfunction of the HVAC

RFI 17 - AERATION BUILDING PERIMETER **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - JACOB KRENKE

Date Sent 3/5/24

Response Req'd by: 3/8/24

Could you provide some clarification on what is actually considered the aeration building? We are wondering if it just the inside of the aeration basins themselves or if this includes the blower gallery and pump house. The spec calls these out to be ran in PVC so we need to know where to start and stop.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 3/8/24

The Aeration Building would include the areas of the Aeration Basins (North Basin & South Basin) that will be under the fiberglass covers. The Aeration Building does not include the Blower Gallery or the Pump Building

RFI 16 - LAB ROOF **Status CLO**

Requesting Firm / Con AUTOMATED PRODUCTS INC - BEN BLOCZYNSKI

Date Sent 2/9/24

Response Req'd by: 2/13/24

A few clarifications required:

1. Truss span from exterior stud face of wall to exterior stud face of wall
2. Truss cantilever span from end of truss to exterior stud face of wall
3. Heel height of truss at low end cantilever
4. On/center vertical spacing for gable truss
5. Type of sheathing to be applied by API to gable truss
6. Structural plan page with truss loading specs

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 2/28/24

See RFI response notes

RFI 15 - THERMO MIXING VALVE SPEC **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - LEON HAFFENBREDL

Date Sent 2/5/24

Response Req'd by: 2/7/24

Engineer to note, the project spec's indicate a thermo mixing valve, but no indication on the plans where it's to be installed. Please advise if it's required and where it gets installed. See attached spec.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 2/13/24

The mixing valve is installed in the lab, adjacent to the eyewash/ safety shower

RFI 14 - STORAGE SHED PANEL **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 1/24/24

Response Req'd by: 1/26/24

Is the panel submitted per this email acceptable for the storage shed?

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 1/31/24

10K AIC rating is acceptable. Main Circuit Breaker is listed as a 3 pole unit with connections to A and C phase reference. Should be 2 Pole to match panel bussing. Update submittal.

RFI 13 - RAILING AROUND WETWELL -PUMP BUILDING **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 1/5/24

Response Req'd by: 1/9/24

Plans don't currently show railing around the elevated wetwell in the pump building, this presents a fall hazard. Should this be added to the contract and if so should this be FRP or Aluminum. Once direction is provided Staab will pursue additional pricing.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 1/9/24

Yes, we do need to add railing on the wet well cover. See attached drawing. The posts can be mounted to the face of the wet well cover or the top

RFI 12 - FIBER PANEL PART NO **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 12/19/23

Response Req'd by: 12/22/23

The fiber optic 12 port wall panel part number (Commscope 555560-2) does not appear to be a valid part number. It does not appear in our vendors part numbers (Anixter) or appear in any online searches. Can somebody verify this number?

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 1/2/24

See attached Page with updated information

RFI 11 - FIBER OPTIC **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 12/15/23

Response Req'd by: 12/19/23

After reviewing the full specifications for the project, there appears to be no spec for fiber optic cable. Could the engineer clarify what they would like to be installed. Submittal will follow once this has been established.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 12/18/23

See enclosed

RFI 10 - LIGHT POLE RELOCATION **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 12/15/23

Response Req'd by: 12/19/23

The original proposed location of the light pole on page E1 in front of the existing lab was not in a satisfactory location according to operations. Please see the attached marked up drawing with the original location circled in red. We would like to propose moving the light pole to the location with a red square. This location currently has a utility pole with transformers, but this will be removed when the service is eventually changed over. We would install a steel pole in it's location per spec. Please advice is this is an acceptable location.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 12/20/23

Move the light pole to the location noted on the attached plan. Adjacent to the Aerobic Digester.

RFI 9 - CLARIFIER RECEPTACLE LOCATION **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 10/23/23

Response Req'd by: 10/25/23

It was brought up at the September project meeting that the plant operators would like a receptacle out by the new 50' clarifier. Can you identify on the drawing where you would like this to be placed so that we can put together a change order proposal? Please include the NEMA rating as well as if it is in any type of classified space.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 1/23/24

See Marked up plans

RFI 8 - WATER LINE AT STORAGE BUILDING **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 10/11/23

Response Req'd by: 10/13/23

Staab would like direction on what size of piping is preferred for the change of the water service at the storage building. Per onsite discussions the new plan is to come in the east side of the building pulling off the 1.5" service going to the garage. From my understanding it is understood there is a going to be a change in the pricing for this work which can be addressed once we establish what size service this will be.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 10/13/23

The Village prefers to have a 1 1/2" water service from the existing shop 1 1/2" service, connected between the existing curb stop and the shop. Provide a 1 1/2" curb stop for the storage building. The water meter, hose bib & tank fill can be re-located to the north east corner of the building.

RFI 7 - ALT#2 SHEETS 6 & 7 **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 10/6/23

Response Req'd by: 10/10/23

There are no circuit numbers called out for receptacles or lighting. Please advise.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 10/20/23

Reference attachments

RFI 6 - SECT 26 05 53 IDENTIFICATION FOR ELE SYSTEM **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT

Date Sent 10/6/23

Response Req'd by: 10/10/23

Lamicooids with brown letters are special order and require a sizeable minimum order. Would you be willing to accept a color configuration from the attached brochure?

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 11/27/23

See revised specification note on RFI 6 response page

RFI 5 - BUILDING FOUNDATION SIGNATURE SHEET **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER

Date Sent 9/18/23

Response Req'd by: 9/20/23

Complete the attached signature sheet- Foundation for 60x90 Building

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND

Response Rec'd on: 10/18/23

Closed per Progress Meeting 10.17.23

RFI 4 - ELECTRICAL **Status CLO**

Requesting Firm / Con SARGENT ELECTRIC COMPANY - MIKE SCHMIDT **Date Sent** 9/13/23 **Response Req'd by:** 9/18/23
 DWG 10 SHOWS QTY 3-3.5" CONDUITS LEAVING 800A SWITCH BOARD ON THE SERVICE PAD DWG 12 CALLS FOR 1-3" CONDUIT FOR CONTROL BLDG T2 W/3-250 KCMIL CONDUCTORS W/300A OCP 1-3" CONDUIT FOR BLOWER BLDG W/ 2 PARRALLEL RUNS OF 4-300KCMIL W/500A OCP 1-2" CONDUIT FOR SHOP BUILDING W/3-#2 CONDUCTORS W/ 100A OCP Are these supposed to be 3-1/2" or 3"? Please advise, thanks.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND **Response Rec'd on:** 9/20/23

1. 3.5" raceways can be 3" and compliant with conduit fill requirements. All power conductors are type XHHW-2.
 2. 1-3" conduit run compliant with conduit fill requirements.
 3. 2-3" conduit runs compliant with conduit fill requirements. Note conductors are type XHHW-2
- Stub out and cap 1 spare 3" raceway from service pad pull box.
4. 1- 2" conduit for shop building. Stub out and cap 1 spare 2" raceway from service pad pull box.
 5. 3" raceways are compliant with wire fill requirements.
 6. Drawing attached.

RFI 3 - ALUM WINDOWS **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - AARIC SPENCER **Date Sent** 8/7/23 **Response Req'd by:** 8/9/23
 Engineer to confirm size and qty of aluminum windows. Plans show for one on north wall.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND **Response Rec'd on:** 8/28/23

- 1 Window in the Lab on the south wall window is 4'-0" wide x 3'-0" tall

RFI 2 - LIGHTING **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - LEON HAFFENBREDL **Date Sent** 6/18/23 **Response Req'd by:** 6/20/23
 Fixture line L has been discontinued. SF12-3CCT-WH The closest thing available is a Nieve 7. The Nive is a 7" fixture and the SF 12 was a 12" . Please verify this is an acceptable alternate.

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND **Response Rec'd on:** 6/20/23

the proposed substitution has a color temperature of 3000K, the specified fixture had the option for 4000K. Please review the attached specification page for an alternate fixture Juno JSF 11IN 27K, that provides the 4000K option and is within range of specified Type "L" fixture. I would expect the cost to be similar.

RFI 1 - TROLLEY LOAD **Status CLO**

Requesting Firm / Con STAAB CONSTRUCTION CORP - ANDREW MURDAUGH **Date Sent** 5/23/23 **Response Req'd by:** 5/24/23
 I'm working on the plank design for 8099 Edgar WWTF Improvements and needed some clarification. I see that our plank is supporting the trolley beam. Can we get the trolley loading called out along with any additional roof loading we may be encountering?

Responding Firm / Co COOPER ENGINEERING CO - GARY STRAND **Response Rec'd on:** 5/24/23

3000lb @ EA SUPPORT

Submittals sorted by Submittal Package

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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
066000-00		FRP FABRICATION SECTION 06530 - PLASTIC PREFABRICATIONS - GRATING & RAINING PER CO#02	SUBM	NEW	9/18/24			10/2/24			FIBERGRATE COMPOSITE STR	**Notice sent 9.24.2024** **Aaric to follow up 10.22.2024**

Submittals sorted by Submittal Package

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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
083600-01		OVERHEAD DOORS- OM MANUAL										
		SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- OM MANUALS	O & M	APP	2/29/24	5/13/24	5/13/24	5/27/24	6/3/24	6/3/24		
		SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- OM MANUALS - ENG COPY	O & M	FYI	6/3/24	8/14/24	8/14/24	6/17/24	8/14/24	8/14/24		
133418-01		POLE BUILDING SYSTEM- OM MANUAL										
		SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM - OM MANUAL	O & M	APP	11/8/24	11/8/24	11/8/24	11/22/24	11/14/24	11/14/24		
		SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM- OWNERS FINAL COPIES	O & M	FYI	11/14/24	11/14/24	11/14/24	11/14/24	11/14/24	11/14/24		
133423-01		DOMES- OM MANUALS										
		SECTION 13300 - DOMES- OM MANUAL	O & M	APP	11/14/23	11/14/23	11/14/23	11/28/23	8/21/24	8/21/24		
		SECTION 13300 - DOMES- OM MANUAL - ENG COPY	O & M	FYI	9/25/24	9/25/24	9/25/24	9/25/24	9/25/24	10/8/24		
230500-01		HVAC- OM MANUAL										
		SECTION 15600B - HVAC - ENG COPIES	O & M	FYI	6/25/24	7/10/24	7/10/24	7/9/24	7/10/24	7/10/24		
		SECTION 15600B - HVAC - OM MANUAL	O & M	APP	6/7/24	6/6/24	6/7/24	6/21/24	6/12/24	6/25/24		
260500-01		ELECTRICAL CONSTRUCTION -OM MANUALS										
		SECTION 26 05 23 - CONTROL-VOLTAGE ELECTRICAL POWER CABLES- FIBER OPTIC CABLE	O & M	NEW	11/4/24			11/18/24			SARGENT ELECTRIC COMPAN	
		SECTION 26 24 13 - SWITCHBOARDS- OM MANUALS	O & M	APP	5/1/24	6/3/24	6/3/24	6/15/24	10/23/24	10/23/24		Printed for field use on 6/25/24
		SECTION 26 24 16 - PANELBOARDS - OM MANUALS	O & M	APP	5/1/24	6/3/24	6/3/24	6/15/24	10/23/24	10/23/24		
		SECTION 26 27 26 - WIRING DEVICES - OM MANUALS	O & M	APP	5/1/24	6/3/24	6/3/24	6/15/24	10/23/24	10/23/24		
		SECTION 26 29 00 - FINAL OWNER COPIES- ELECTRICAL MANUALS	O & M	NEW	11/4/24			11/18/24			SARGENT ELECTRIC COMPAN	
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - OM MANUALS	O & M	APP	5/1/24	6/3/24	6/3/24	6/15/24	10/23/24	10/23/24		
260500-002		INSTRUMENTATION AND CONTROLS- OM MANUALS										
		SECTION 11110 - FLOW METERS	O & M	APP	7/27/23	7/27/23	7/27/23	8/10/23	5/3/24	5/3/24		Printed field copy 2/23/24
		SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR	O & M	APP	7/27/23	7/27/23	7/27/23	8/10/23	5/3/24	5/3/24		
		SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR- COMPLETE PACKAGE	O & M	ACK	10/24/24	10/24/24	10/24/24	11/7/24	11/14/24	11/14/24		**Roger was in direct contact with Energenecs regarding final revisions**
	SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR- OWNER COPY	O & M	NEW	12/1/24			12/15/24			ENERGENECS INC	**Provide final copies after project commissioning**	

Submittals sorted by Submittal Package

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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS	O & M	APP	7/27/23	7/27/23	7/27/23	8/10/23	5/3/24	5/3/24		
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS- COMPLETE PACKAGE	O & M	ACK	10/24/24	10/24/24	10/24/24	11/7/24	11/14/24	11/14/24		
400519-00A		EXPANSION JOINTS- OM MANUAL										
		SECTION 15200 - EXPANSION JOINTS- OM MANUAL	O & M	APP	2/29/24	3/6/24	3/8/24	3/21/24	5/13/24	5/13/24		
		SECTION 15200 - EXPANSION JOINTS- OM MANUAL - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
400559-01		SLIDE GATES -OM MANUAL										
		SECTION 13200 - SLIDE GATES -OM MANUAL	O & M	APP	2/29/24	3/5/24	3/8/24	3/21/24	5/13/24	5/13/24		
		SECTION 13200 - SLIDE GATES -OM MANUAL - ENG COPY	O & M	FYI	5/13/24	7/23/24	7/23/24	5/27/24	7/23/24	7/23/24		
400561-01		GATE VALVES_ OM MANUAL										
		SECTION 15200.39 - GATE VALVES- OM MANUAL	O & M	APP	2/29/24	3/6/24	3/8/24	3/21/24	5/13/24	5/13/24		
		SECTION 15200.39 - GATE VALVES- OM MANUAL - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
400564-01		BUTTERFLY VALVES- OM MANUALS										
		SECTION 15200.39 - BUTTERFLY VALVES- OM MANUALS	O & M	APP	2/29/24	3/6/24	3/8/24	3/14/24	5/13/24	5/13/24		
		SECTION 15200.39 - BUTTERFLY VALVES- OM MANUALS - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
400565-01		CHECK VALVES- OM MANUAL										
		SECTION 15200.39 - CHECK VALVES- OM MANUALS	O & M	APP	2/29/24	3/6/24	3/8/24	3/21/24	5/13/24	5/13/24		
		SECTION 15200.39 - CHECK VALVES- OM MANUALS - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
400574-01		PINCH VALVES- OM MANUAL										
		SECTION 15200.39 - PINCH VALVES- OM MANUAL	O & M	APP	2/29/24	3/6/24	3/8/24	3/21/24	5/13/24	5/13/24		
		SECTION 15200.39 - PINCH VALVES- OM MANUAL - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
431112-01		REGENERATIVE BLOWERS & ACCESSORIES- OM MANUALS										
		SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES -OM MANUALS	O & M	APP	2/29/24	3/1/24	5/3/24	5/17/24	8/21/24	8/21/24		
		SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES -OM MANUALS - ENG COPY	O & M	NEW	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24		
431133-01		POSITIVE DISPLACEMENT AIR BLOWERS- OM MANUALS										
		SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS- OM MANUALS	O & M	APP	2/29/24	2/29/24	2/29/24	3/14/24	5/13/24	5/13/24		

Submittals sorted by Submittal Package

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		SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS-OM MANUALS - ENG COPY	O & M	FYI	5/13/24	6/11/24	6/11/24	6/11/24	6/11/24	6/11/24		
432313-01		CENTRIFUGAL PUMPS -OM MANUALS SECTION 11910 - CENTRIFUGAL PUMPS- OM MANUALS	O & M	APP	2/29/24	5/13/24	5/13/24	5/27/24	6/3/24	6/3/24		
		SECTION 11910 - CENTRIFUGAL PUMPS- OM MANUALS - ENG COPY	O & M	FYI	6/3/24	6/5/24	6/5/24	6/17/24	6/5/24	6/5/24		
432358-01		ROTARY LOBE PUMPS- OM MANUAL SECTION 11820 - ROTARY LOBE PUMPS- OM MANUALS	O & M	APP	2/29/24	2/27/24	2/28/24	3/14/24	5/13/24	5/13/24		
		SECTION 11820 - ROTARY LOBE PUMPS- OM MANUALS - ENG COPY	O & M	FYI	5/13/24	5/22/24	5/22/24	5/27/24	5/22/24	5/22/24		
463333-01		CHEMICAL FEED SYSTEM - OM MANUALS SECTION 11510 - CHEMICAL FEED SYSTEM -OM MANUALS	O & M	APP	2/29/24	5/16/24	5/20/24	6/6/24	6/3/24	6/6/24		
		SECTION 11510 - CHEMICAL FEED SYSTEM -OM MANUALS - ENG COPY	O & M	FYI	6/3/24	6/6/24	6/6/24	6/17/24	6/6/24	6/6/24		
464130-01		ANOXIC ZONE MIXERS- OM MANUALS SECTION 11120 - ANOXIC ZONE MIXERS- OM MANUAL	O & M	APP	12/1/23	9/7/23	2/23/24	3/8/24	5/13/24	5/13/24		
		SECTION 11120 - ANOXIC ZONE MIXERS- OM MANUAL - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		
464321-01		CLARIFIER SYSTEM -OM MANUALS SECTION 11410 - CLARIFIER SYSTEM-OM MANUALS	O & M	APP	2/29/24	3/11/24	5/3/24	5/17/24	8/21/24	8/21/24		
		SECTION 11410 - CLARIFIER SYSTEM-OM MANUALS - ENG COPY	O & M	FYI	8/21/24	8/27/24	8/27/24	9/4/24	8/27/24	8/27/24		
465136-01		AERATION SYSTEM- OM MANUAL SECTION 11320 - AERATION SYSTEM- OM MANUAL	O & M	APP	2/29/24	2/27/24	2/28/24	3/14/24	5/13/24	5/13/24		
		SECTION 11320 - AERATION SYSTEM- OM MANUAL - ENG COPY	O & M	FYI	5/13/24	5/16/24	5/16/24	5/27/24	5/16/24	5/16/24		

Submittals sorted by Submittal Package

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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
075300-01		SINGLE PLY ROOFING- WARRANTY SECTION 07530 - BALLASTED EPDM MEMBRANE ROOFING SYSTEM- 10 YEAR WARRANTY	WARR	NEW							PHD ROOF DOCTOR'S, INC.	
076100-01		METAL ROOFING- WARRANTY SECTION 07600 - FLASHING AND SHEET METAL-2 YEAR WARRANTY	WARR	NEW	9/23/24			10/7/24			PHD ROOF DOCTOR'S, INC.	**Notice sent 9.12.2024**
079200-01		JOINT SEALANTS -WARRANTY SECTION 07900 - CAULKING AND SEALANTS -5 YEAR WARRANTY	WARR	NEW							STAAB CONSTRUCTION CORP	
083600-02		OVERHEAD DOORS- WARRANTY SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- WARRANTY	WARR	FYI	9/25/24	9/25/24	9/25/24	9/25/24	9/25/24	9/25/24		
085100-01		METAL WINDOWS- WARRANTY SECTION 08500 - ALUMINUM WINDOW UNITS- 10 YEAR WARRANTY	WARR	NEW							RIB MOUNTAIN GLASS INC	**Notice sent 9.25.2024**
133418-01		POLE BUILDING SYSTEM- OM MANUAL SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM- WARRANTY	WARR	APP	11/8/24	11/8/24	11/8/24	11/22/24	11/14/24	11/14/24		
133423-02		DOMES- WARRANTY SECTION 13300 - DOMES- WARRANTY SECTION 13300 - DOMES- WARRANTY ADDITIONAL	WARR WARR	FYI NEW	9/25/24	9/25/24	9/25/24	9/25/24	9/25/24	9/25/24	TANK CONNECTION LLC	
230500-02		HVAC- WARRANTY SECTION 15600B - HVAC - WARRANTY	WARR	NEW							STALEY PLUMBING & HVAC LL	
260500-02		ELECTRICAL CONSTRUCTION - WARRANTY SECTION 26 29 00 - ELECTRICAL WORKMANSHIP / CONTSTRUCTION- WARRANTY SECTION 26 32 13.13 - ENGINE-DRIVEN GENERATOR SETS - DIESEL - WARRANTY	WARR WARR	NEW NEW							SARGENT ELECTRIC COMPAN SARGENT ELECTRIC COMPAN	
260500-003		INSTRUMENTATION AND CONTROLS- WARRANTY SECTION 11110 - FLOW METERS SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS	WARR WARR WARR	NEW NEW NEW							ENERGENECS INC ENERGENECS INC ENERGENECS INC	3-year warranty on all hardware and software. A limited 10-year warranty shall be provided on all relay cards.
400559-02		SLIDE GATES -WARRANTY SECTION 13200 - SLIDE GATES - WARRANTY	WARR	FYI	9/18/24	9/18/24	9/18/24	10/2/24	9/18/24	9/18/24		

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
400561-02		GATE VALVES- WARRANTY SECTION 15200.39 - GATE VALVES- WARRANTY	WARR	FYI	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24		
400564-02		BUTTERFLY VALVES- WARRANTY SECTION 15200.39 - BUTTERFLY VALVES- WARRANTY	WARR	FYI	9/18/24	9/18/24	9/18/24	10/2/24	9/18/24	9/18/24		
400565-02		CHECK VALVES- WARRANTY SECTION 15200.39 - CHECK VALVES- WARRANTY	WARR	FYI	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24		
400574-02		PINCH VALVES- WARRANTY SECTION 15200.39 - PINCH VALVES- WARRANTY	WARR	FYI	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24	9/18/24		
431112-02		REGENERATIVE BLOWERS & ACCESSORIES -WARRANTY SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES- WARRANTY	WARR	NEW							UNIVERSAL BLOWER PAC INC	
431133-02		POSITIVE DISPLACEMENT AIR BLOWERS -WARRANTY SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS- WARRANTY	WARR	NEW							UNIVERSAL BLOWER PAC INC	
432313-02		CENTRIFUGAL PUMPS -WARRANTY SECTION 11910 - CENTRIFUGAL PUMPS- WARRANTY	WARR	NEW							L WALLEN LLC - USE SJE RHO	
432358-02		ROTARY LOBE PUMPS- WARRANTY SECTION 11820 - ROTARY LOBE PUMPS- WARRANTY	WARR	NEW							BOERGER LLC	
463333-02		CHEMICAL FEED SYSTEM - WARRANTY SECTION 11510 - CHEMICAL FEED SYSTEM -WARRANTY	WARR	NEW							LA I LTD	
464130-02		ANOXIC ZONE MIXERS- WARRANTY SECTION 11120 - ANOXIC ZONE MIXERS -WARRANTY	WARR	NEW							CRANE ENG SALES INC	
464321-02		CLARIFIER SYSTEM -WARRANTY SECTION 11410 - CLARIFIER SYSTEM- WARRANTY	WARR	FYI	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24		
464321-004		FRP WEIR & SCUM BAFFLE PANELS- WARRANTY FRP WEIR & SCUM BAFFLE PANELS- WARRANTY	WARR	RTE	5/6/24	5/6/24		5/20/24			APRIL ANDERSON	
465136-02		AERATION SYSTEM- WARRANTY SECTION 11320 - AERATION SYSTEM- WARRANTY	WARR	FYI	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24		

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
083600-03		OVERHEAD DOORS- COMMISSIONING SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- COMMISSIONING	COMMIS	NEW							HUBCITY OVERHEAD DOORS,	
260500-03		ELECTRICAL CONSTRUCTION - COMMISSIONING SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - COMMISSIONING	COMMIS	NEW							SARGENT ELECTRIC COMPAN	
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - SPARE PARTS	COMMIS	NEW							SARGENT ELECTRIC COMPAN	
		SECTION 26 32 13.13 - ENGINE-DRIVEN GENERATOR SETS - DIESEL - COMMISSIONING	COMMIS	FYI	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24		
260500-004		INSTRUMENTATION AND CONTROLS- COMMISSIONING SECTION 11110 - FLOW METERS	COMMIS	NEW							ENERGENECS INC	
		SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR	COMMIS	NEW							ENERGENECS INC	
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS	COMMIS	NEW							ENERGENECS INC	
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS- SPARE PARTS	COMMIS	NEW							ENERGENECS INC	
431112-03		REGENERATIVE BLOWERS & ACCESSORIES -COMMISSIONING SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES -COMMISSIONING	COMMIS	NEW							UNIVERSAL BLOWER PAC INC	
431133-03		POSITIVE DISPLACEMENT AIR BLOWERS -COMMISSIONING SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS- COMMISSIONING	COMMIS	FYI	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24		
432313-03		CENTRIFUGAL PUMPS -COMMISSIONING SECTION 11910 - CENTRIFUGAL PUMPS- COMMISSIONING	COMMIS	FYI	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24	8/12/24		
432358-03		ROTARY LOBE PUMPS- COMMISSIONING SECTION 11820 - ROTARY LOBE PUMPS -COMMISSIONING	COMMIS	NEW							BOERGER LLC	
463333-03		CHEMICAL FEED SYSTEM - COMMISSIONING SECTION 11510 - CHEMICAL FEED SYSTEM -COMMISSIONING	COMMIS	NEW							LA I LTD	
464130-03		ANOXIC ZONE MIXERS -COMMISSIONING SECTION 11120 - ANOXIC ZONE MIXERS-COMMISSIONING & TRAINING	COMMIS	FYI	8/8/24	8/8/24	8/8/24	8/22/24	8/8/24	8/8/24		
464321-03		CLARIFIER SYSTEM -COMMISSIONING SECTION 11410 - CLARIFIER SYSTEM- COMMISSIONING	COMMIS	FYI	5/9/24	6/3/24	6/3/24	5/23/24	6/3/24	6/3/24		

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
		SECTION 11410 - CLARIFIER SYSTEM- FIELD SERVICE REPORTS	COMMIS	FYI	5/9/24	5/9/24	6/3/24	5/23/24	6/3/24	6/3/24		
465136-03		AERATION SYSTEM- COMMISSIONING SECTION 11320 - AERATION SYSTEM- COMMISSIONING	COMMIS	FYI	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24	9/26/24		

Submittals sorted by Submittal Package

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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
032100-00		REBAR MATERIAL										
		SECTION 033000 - REBAR- AIS CERTIFICAITON MANF	AIS	AAN	3/1/23	2/9/23	2/10/23	2/21/23	5/22/23	5/22/23		
		SECTION 033000 - REBAR- AIS CERTIFICAITON STAAB	AIS	AAN	3/1/23	2/9/23	2/10/23	3/15/23	5/22/23	5/22/23		
034113-00		PRECAST CONCRETE										
		SECTION 033000 - PRECAST CONCRETE- AIS CERTIFICATION CONTRACTOR	AIS	FYI	10/11/23	10/11/23	10/11/23	10/11/23	10/11/23	10/11/23		
		SECTION 033000 - PRECAST CONCRETE- AIS CERTIFICATION MANF	AIS	FYI	10/11/23	10/11/23	10/11/23	10/11/23	10/11/23	10/11/23		
042000-00		MASONRY										
		SECTION 042000 - UNIT MASONRY- TRUSS MESH -DEMINIMIS	AIS	FYI	11/27/23	11/27/23	11/27/23	11/27/23	11/27/23	11/27/23		
055000-00		METAL FABRICATION										
		SECTION 05000 - MISC METALS - AIS CERTIFICATION CONTRACTOR	AIS	APP	5/29/23	6/20/23	7/11/23	7/17/23	7/17/23	7/17/23		
		SECTION 05000 - MISC METALS- AIS CERTIFICATION MANF	AIS	APP	5/29/23	6/20/23	7/11/23	7/17/23	7/17/23	7/17/23		
055350-00		PLATE HATCHES										
		SECTION 13600 - PLATE HATCHES- DeMINIMIS HARDWARE	AIS	FYI	10/10/23	10/10/23	10/10/23	10/10/23	10/10/23	10/10/23		
061170-00		ROOF SYSTEMS										
		SECTION 06100 - ROOF SYSTEMS- DeMINIMIS FORM	AIS	FYI	8/27/24	8/27/24	8/27/24	8/27/24	8/27/24	8/27/24		
066000-00		FRP FABRICATION										
		SECTION 06530 - PLASTIC PREFABRICATIONS -AIS CERTIFICATION CONTRACTOR	AIS	NEW	11/1/24			11/15/24				FIBERGRATE COMPOSITE STR
		SECTION 06530 - PLASTIC PREFABRICATIONS- AIS CERTIFICATION MANF	AIS	NEW	11/1/24			11/15/24				FIBERGRATE COMPOSITE STR
076100-00		METAL ROOFING										
		SECTION 07600 - FLASHING AND SHEET METAL- AIS CERTIFICATION CONTRACTOR	AIS	NEW	9/1/24			9/15/24				PHD ROOF DOCTOR'S, INC.
		SECTION 07600 - FLASHING AND SHEET METAL- AIS CERTIFICATION MANF	AIS	NEW	9/1/24			9/15/24				PHD ROOF DOCTOR'S, INC.
081100-00		HOLLOW METAL DOORS AND FRAMES										
		SECTION 08100 - HOLLOW METAL DOORS AND FRAMES- AIS CERTIFICATION MANF	AIS	FYI	5/17/23	5/17/23	5/17/23	5/17/23	5/17/23	5/17/23		
		SECTION 08100 - HOLLOW METAL DOORS AND FRAMES- AIS CERTIFICATION SCC	AIS	FYI	5/17/23	5/17/23	5/17/23	5/17/23	5/17/23	5/17/23		
		SECTION 08700 - FINISH HARDWARE -DeMINIMIS FORM	AIS	FYI	5/22/23	5/22/23	5/22/23	5/22/23	5/22/23	5/22/23		

Submittals sorted by Submittal Package

4638- EDGAR WWTF

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
133418-00		POLE BUILDING SYSTEM										
		SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM - AIS CERTIFICAITON CONT	AIS	FYI	2/12/24	2/12/24	2/12/24	2/12/24	2/12/24	2/12/24		
		SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM - AIS CERTIFICAITON MANF	AIS	FYI	2/12/24	2/12/24	2/12/24	2/12/24	2/12/24	2/12/24		
220500-01		PLUMBING FIXTURES AND ACCESSORIES										
		SECTION 15400A - PLUMBING FIXTURES - ROOF DRAIN - USDA AIS CERTIFICATION	AIS	FYI	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24		
		SECTION 15400A - PLUMBING FIXTURES AND ACCESSORIES- USDA AIS CERTIFICATION	AIS	FYI	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24	6/17/24		
333913-00		MANHOLES AND COVERS										
		SECTION 330513 - MANHOLES AND STRUCTURES - AIS CERTIFICATION CONTRACTOR	AIS	FYI	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23		
		SECTION 330513 - MANHOLES AND STRUCTURES - AIS CERTIFICATION MANUFACTURER	AIS	FYI	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23		
333913-02		MANHOLE CASTINGS & GRATING										
		SECTION 330513 - MANHOLE CASTINGS & GRATING- USDA AIS CERTIFICATION	AIS	FYI	1/30/24	1/30/24	1/30/24	1/30/24	1/30/24	1/30/24		
400507-000		PIPE SUPPORT MATERIAL										
		SECTION 15200 - PROCESS PIPING SYSTEMS- PIPE SUPPORTS-MANF AIS CERTIFICATION	AIS	FYI	12/18/23	12/18/23	12/18/23	12/18/23	12/18/23	12/18/23		
		SECTION 15200 - PROCESS PIPING SYSTEMS- PIPE SUPPORTS-USDA AIS CERTIFICATION	AIS	FYI	12/18/23	12/18/23	12/18/23	12/18/23	12/18/23	12/18/23		
400519-002		BURIED PIPE LAYOUT DRAWINGS & PIPE MATERIAL										
		SECTION 15200 & 02480 - DI & YARD PIPE MATERIAL- CONTRACTOR USDA AIS CERTIFICATION	AIS	FYI	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23		
		SECTION 15200 & 02480 - DI & YARD PIPE MATERIAL- MANF USDA AIS CERTIFICATION	AIS	FYI	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23		
400519-005		EXPANSION JOINTS										
		SECTION 15200 - EXPANSION JOINTS- AIS CERTIFICATION	AIS	FYI	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23	10/4/23		Sent with Pay Request
400519-00B		EXPOSED PIPE MATERIAL / LAYOUT DRAWINGS										
		SECTION 15200 - AIS CERT BLOWER ROOM - EXPOSED DI PIPE MATERIAL	AIS	FYI	1/8/24	1/8/24	1/8/24	1/8/24	1/8/24	1/8/24		
400523-005		EXPOSED STAINLESS STEEL PIPE MATERIALS										
		SECTION 15200 - EXPOSED SS PIPE MATERIAL- AIS CERT CONTRACTOR	AIS	FYI	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23		
		SECTION 15200 - EXPOSED SS PIPE MATERIAL- AIS CERT MANUF	AIS	FYI	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23		Sent ahead of Fabrication due to storage charges

Submittals sorted by Submittal Package

4638- EDGAR WWTF

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
400533-002		BURIED HDPE PIPE MATERIAL										
		SECTION 15200 - BURIED HDPE PIPE MATERIAL -CONTRACTOR AIS CERTIFICATION	AIS	FYI	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23		
		SECTION 15200 - BURIED HDPE PIPE MATERIAL- MANF AIS CERTIFICATION	AIS	FYI	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23	10/23/23		
400539-00		CONCRETE PIPE MATERIAL										
		SECTION 02480 - CONCRETE PIPE MATERIAL- USDA AIS CERTIFICATION	AIS	FYI	12/5/23	12/5/23	12/5/23	12/5/23	12/5/23	12/5/23		
400561-00		GATE VALVES										
		SECTION 15200.39 - GATE VALVES- CONTRACTOR USDA AIS CERTIFICATION	AIS	APP	5/12/23	5/12/23	5/15/23	5/29/23	5/22/23	5/22/23		
		SECTION 15200.39 - GATE VALVES- MANF USDA AIS CERTIFICATION	AIS	APP	5/12/23	5/12/23	5/15/23	5/29/23	5/22/23	5/22/23		
400564-00		BUTTERFLY VALVES										
		SECTION 15200.39 - BUTTERFLY VALVES- CONTRACTOR USDA AIS CERTIFICATION	AIS	APP	5/11/23	5/11/23	5/15/23	5/29/23	5/31/23	5/31/23		
		SECTION 15200.39 - BUTTERFLY VALVES- MANF USDA AIS CERTIFICATION	AIS	APP	5/11/23	5/11/23	5/15/23	5/29/23	5/31/23	5/31/23		
400565-00		CHECK VALVES										
		SECTION 15200.39 - SWING CHECK VALVES- CONTRACTOR USDA AIS CERTIFICATION	AIS	APP	5/11/23	5/11/23	5/15/23	5/29/23	5/22/23	5/22/23		
		SECTION 15200.39 - SWING CHECK VALVES- MANF USDA AIS CERTIFICATION	AIS	APP	5/11/23	5/11/23	5/15/23	5/29/23	5/22/23	5/22/23		
400574-00		PINCH VALVES										
		SECTION 15200.39 - PINCH VALVES -CONTRACTOR USDA AIS CERTIFICATION	AIS	APP	5/12/23	5/12/23	5/15/23	5/29/23	5/31/23	5/31/23		
		SECTION 15200.39 - PINCH VALVES -MANF USDA AIS CERTIFICATION	AIS	APP	5/12/23	5/12/23	5/15/23	5/29/23	5/31/23	5/31/23		

ACO / PCO #	Item #	Description	CO Date	Amount	Status	Approved Date	Approved / Interfaced
Approved Change Orders							
Contract Change Order # 1							
3	Item # 1	Cost to change two VFD's from 3.0 H.D. to 5.0 H.D.	9/5/23	\$1,314.00	APPROVED	10/26/23	Y
Contract Change Order # 2							
2	Item # 1	Credit to Owner to delete 2ea Alum Primary Clarifier Covers	7/26/23	(\$185,445.00)	APPROVED	11/28/23	Y
4	Item # 1	REVISED Cost to provide N.P. Water lines to Clarifier	11/3/23	\$12,277.00	APPROVED	11/28/23	Y
5	Item # 1	Cost to add spare conduits to electrical service pad	11/3/23	\$1,930.00	APPROVED	11/28/23	Y
6	Item # 1	Cost to Demo Grit Channel end walls and pour new conc wall	11/3/23	\$3,548.00	APPROVED	11/28/23	Y
7	Item # 1	Cost to provide lighting & receptacles	11/15/23	\$8,843.00	APPROVED	11/28/23	Y
8	Item # 1	Cost to undercut Final Clarifier	12/7/23	\$28,006.45	APPROVED	11/28/23	Y
Contract Change Order # 3							
15	Item # 1	Cost to Dispose of RBC Media		\$12,866.14	APPROVED	2/12/24	Y
Contract Change Order # 4							
10	Item # 1	Primary Clarifier work, option "1" (2ea)	1/18/24	\$30,128.00	APPROVED	2/12/24	Y
11	Item # 1	Cost to demo Primary Clarifier weirs and baffles (2ea)	1/18/24	\$27,180.00	APPROVED	2/12/24	Y
12	Item # 1	Cost for option "3" Primary Clarifier work (2ea)	1/18/24	\$10,902.00	APPROVED	2/12/24	Y
Contract Change Order # 5							
13	Item # 1	Cost for snow guards on east side of storage garage	2/2/24	\$6,481.00	APPROVED	2/12/24	Y
Contract Change Order # 6							
9	Item # 1	Revised cost to add FRP railing on the wetwell deck	4/1/24	\$6,046.00	APPROVED	4/8/24	Y
14	Item # 1	Cost to provide 5 additional GFI receptacles	2/28/24	\$3,150.00	APPROVED	4/8/24	Y
16	Item # 1	Two Additional Windows for Lab Building	3/28/24	\$4,264.00	APPROVED	4/8/24	Y
Contract Change Order # 7							
17	Item # 1	Cost to provide temporary power & control system	4/2/24	\$45,482.00	APPROVED	4/8/24	Y
Contract Change Order # 8							
18	Item # 1	Cost to Provide a Compressed Air System	5/6/24	\$10,141.00	APPROVED	6/10/24	Y
Contract Change Order # 9							
19	Item # 1	Install Underground Gate Valves & Piping	6/10/24	\$4,100.00	APPROVED	8/12/24	Y
20	Item # 1	Downspouts on pump building	6/10/24	\$1,434.00	APPROVED	8/12/24	Y

ACO / PCO #	Item #	Description	CO Date	Amount	Status	Approved Date	Approved / Interfaced
Approved Change Orders			-continued				
21	Item # 1	Provide 4X rated disconnect for 50' Clarifier		\$1,160.00	APPROVED	8/12/24	Y
22	Item # 1	Cost to provide PVC sampler pipe modifications	7/17/24	\$3,167.00	APPROVED	8/12/24	Y
Contract Change Order # 10							
23	Item # 1	Remove and Replace Grating and Railing at Ex. 35' Clarifier	8/6/24	\$15,886.00	APPROVED	9/9/24	Y
24	Item # 1	Provide Aluminum Dome on 35' Clarifier	8/21/24	\$116,085.00	APPROVED	9/9/24	Y
Contract Change Order # 11							
25	Item # 1	Cost to remove 22' Clarifier Cover	11/5/24	\$4,960.00	APPROVED	11/14/24	Y
29	Item # 1	Paint Primary Clarifier Rake Arms	11/5/24	\$6,751.00	APPROVED	11/14/24	Y
Total for Approved Change Orders				180,656.59			
Pending Change Orders							
26	Item # 1	Cost to completely demo 22' Clarifier		\$126,231.00	SUBMITTED FOR APPROVAL		N
27	Item # 1	Relocate Light Pole	9/23/24	\$4,157.00	SUBMITTED FOR APPROVAL		N
28	Item # 1	New junction box at chlorine contact tank	9/23/24	\$3,964.00	SUBMITTED FOR APPROVAL		N
30	Item # 1	Water Hydrant at the Primary Clarifier	10/1/24	\$5,469.00	SUBMITTED FOR APPROVAL		N
31	Item # 1	Shop Fab related to N. Primary Clarifier	11/5/24	\$4,248.00	SUBMITTED FOR APPROVAL		N
32	Item # 1	Provide alum writing desks	11/14/24	\$2,407.00	SUBMITTED FOR APPROVAL		N
Total for Pending Change Orders				146,476.00			



Payment Processing Schedule

Date: 11/14/2024
 FILE: 4638-PR
 Edgar WWTF

Sub Completion: 8/30/2024 *Engineer Contact*

Owner Contact for Payment

Contractor Contact for Payment

Final Completion: 12/30/2024 **Engineer:** Cooper Engineering

Owner: Village of Edgar

Owner: Staab Construction Corp

Name: Gary Strand

Name: Teresa Marvin

Name: Sue Kuechenmeister

Original Contract: \$7,563,000.00 **Title:** Project Engineer

Title: Village Clerk

Title: Accounting

Change Orders: \$180,656.59 **Phone(O):** 715-234-7008

Phone: 715-352-2891

Phone: 715-387-8429 x205

Current Contract: \$7,743,656.59 **Phone(M):** 715-651-5978

Phone:

Phone:

E-Mail: gstrand@cooperengineering.net

E-Mail: villagehall@edgarwi.gov

E-Mail: Sue.Kuechenmeister@staabco.com

Pay Request No.	Draft PR to Engineer	Final PR to Engineer	Engineer PR to Owner	Owner Approves for Payment	Owner Payment Due STAAB	Current Forecasted Amount	Actual Pay Request			Payments Received			
							Billable	Retainage	Amt Due	Date	Days Late	Amount	Due Now
		<i>+10 days</i>	<i>+10 days</i>	<i>Mthly Mtg</i>									
1	05/31/23	06/10/23	06/20/23	06/20/23	06/22/23	\$124,000	\$124,000.00	(\$6,200.00)	\$117,800.00	07/31/23		\$117,800.00	\$0.00
2	06/30/23	07/10/23	07/20/23	07/20/23	07/22/23	\$20,000	\$20,000.00	(\$1,000.00)	\$19,000.00	07/31/23		\$19,000.00	\$0.00
3	07/31/23	08/10/23	08/20/23	08/20/23	08/22/23	\$89,049	\$89,049.00	(\$4,452.45)	\$84,596.55	09/19/23		\$84,596.55	\$0.00
4	08/31/23	09/10/23	09/20/23	09/20/23	09/22/23	\$374,793	\$374,793.00	(\$18,739.65)	\$356,053.35	10/19/23		\$356,053.35	\$0.00
5	09/30/23	10/10/23	10/20/23	10/20/23	10/22/23	\$370,940	\$370,940.00	(\$18,547.00)	\$352,393.00	12/05/23		\$352,393.00	\$0.00
6	10/31/23	11/10/23	11/20/23	11/20/23	11/22/23	\$348,707	\$348,707.00	(\$17,435.35)	\$331,271.65	12/05/23		\$331,271.65	\$0.00
7	11/30/23	12/10/23	12/20/23	12/20/23	12/22/23	\$548,077	\$548,077.00	(\$27,403.85)	\$520,673.15	01/17/24		\$520,673.15	\$0.00
8	12/31/23	01/10/24	01/20/24	01/20/24	01/22/24	\$463,704	\$463,704.00	(\$23,185.20)	\$440,518.80	01/24/24		\$440,518.80	\$0.00
9	01/31/24	02/10/24	02/20/24	02/20/24	02/22/24	\$482,228	\$482,228.00	(\$24,111.40)	\$458,116.60	03/20/24		\$458,116.60	\$0.00
10	02/28/24	03/09/24	03/19/24	03/19/24	03/21/24	\$515,351	\$515,351.00	(\$25,767.55)	\$489,583.45	03/20/24		\$489,583.45	\$0.00
11	03/31/24	04/10/24	04/20/24	04/20/24	04/22/24	\$591,104	\$591,104.14	(\$21,183.31)	\$569,920.83	05/21/24		\$569,920.83	\$0.00
12	04/30/24	05/10/24	05/20/24	05/20/24	05/22/24	\$447,995	\$447,995.00	(\$1,473.55)	\$446,521.45	05/21/24		\$446,521.45	\$0.00
13	05/31/24	06/10/24	06/20/24	06/20/24	06/22/24	\$308,681	\$308,681.00	\$0.00	\$308,681.00	06/28/24		\$308,681.00	\$0.00
14	06/30/24	07/10/24	07/20/24	07/20/24	07/22/24	\$417,172	\$417,172.45	(\$253.53)	\$416,918.92	08/29/24		\$416,918.92	\$0.00
15	07/31/24	08/10/24	08/20/24	08/20/24	08/22/24	\$301,419	\$301,419.00	\$0.00	\$301,419.00	08/29/24		\$301,419.00	\$0.00
16	08/31/24	09/10/24	09/20/24	09/20/24	09/22/24	\$350,897	\$350,897.00	(\$246.52)	\$350,650.48	09/30/24		\$350,650.48	\$0.00
17	09/30/24	10/10/24	10/20/24	10/20/24	10/22/24	\$212,000	\$212,000.00	(\$3,299.28)	\$208,700.72				\$208,700.72
18	10/31/24	11/10/24	11/20/24	11/20/24	11/22/24	\$282,972	\$282,972.00	\$0.00	\$282,972.00				\$282,972.00
19	11/30/24	12/10/24	12/20/24	12/20/24	12/22/24	\$300,000							
20	12/31/24	01/10/25	01/20/25	01/20/25	01/22/25	\$650,000							
21	01/31/25	02/10/25	02/20/25	02/20/25	02/22/25	\$375,000							
22	05/31/25	06/10/25	06/20/25	06/20/25	06/22/25	\$169,567							
TOTALS						\$7,743,657	\$6,249,089.59	(\$193,298.64)	\$6,055,790.95			\$5,564,118.23	\$491,672.72

Project Manager: _____ Unbilled \$1,494,567.00

Phone: _____ E-mail: _____ \$193,298.64

Comments:

\$0.00

STAAB CONSTRUCTION

ID	Name	Planned Duration	Total Float	Start	Finish	Expected Finish	2023												2024												2025					
							J	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
4638 - EDGAR WWTF																																				
ADMINISTRATION																																				
010000 A 01	Notice of Award 2/2/23	0d		02-Feb-23																																
010020 A 01	Project Management	610d	55d	03-Feb-23	11-Apr-25	11-Apr-25																														
010000 A 02	Start Construction	0d		02-Aug-23																																
010010 A 01	Supervision	305d	65d	03-Aug-23	28-Mar-25	28-Mar-25																														
010000 A 05	Divert Flow to New Structures	0d			23-Jul-24																															
010000 A 03	Substantial Completion 5/1/25	0d	56d		12-Feb-25																															
010000 A 04	Final Completion 7/1/25	0d	56d		11-Apr-25																															
FABRICATION																																				
081373 F 01	Sliding Metal Door	40d	91d	23-May-23	16-Dec-24																															
076100 F 01	Metal Roofing	30d	77d	10-Oct-23	27-Nov-24																															
260500 F 02	Electrical - System Integrator	120d	69d	18-Oct-23	30-Dec-24	30-Dec-24																														
085100 F 01	Metal Windows	40d	90d	12-Dec-23	19-Nov-24																															
123000 F 01	Laboratory Casework	60d	92d	17-Apr-24	12-Dec-24																															
061170 F 01	Roof Systems	30d	66d	06-Aug-24	09-Dec-24																															
CONSTRUCTION																																				
SITWORK																																				
260500 C 05	Electrical - Sitework	15d	66d	20-Dec-23	19-Nov-24																															
400519 C 07	Buried Process Piping - Phase 2	33d	132d	01-Aug-24	19-Nov-24																															
055710 C 01	Metal Bollards	2d	134d	18-Nov-24	19-Nov-24																															
030710 C 01	Site Sidewalk	6d	132d	19-Nov-24	29-Nov-24																															
321123 C 01	Gravel	4d	134d	20-Nov-24	25-Nov-24																															
321216 C 01	Asphalt Paving	4d	143d	25-Nov-24	02-Dec-24																															
312219 C 01	Site Grading/Replace Topsoil	7d	132d	29-Nov-24	10-Dec-24																															
323100 C 01	Fences	6d	132d	10-Dec-24	18-Dec-24																															
329219 C 01	Seed, Fertilizer & Mulch	4d	132d	18-Dec-24	24-Dec-24																															
EXISTING PRIMARY CLARIFIERS																																				
024135 C 21	Modifications to South Primary Clari...	25d	85d	18-Nov-24	24-Dec-24																															
PUMP BUILDING																																				
260500 C 30	Electrical	60d	81d	21-Dec-23	25-Nov-24																															
230500 C 30	HVAC	3d	109d	09-May-24	21-Nov-24																															
099100 C 31	Painting - Mechanical	15d	91d	15-Jul-24	20-Dec-24																															
099100 C 30	Painting - Building	15d	101d	07-Aug-24	04-Dec-24																															
081373 C 30	Sliding Metal Door	2d	91d	17-Dec-24	18-Dec-24																															
104416 C 30	Fire Extinguishers	1d	91d	20-Dec-24	23-Dec-24																															
260500 C 31	Electrical - MCC & Controls	15d	69d	31-Dec-24	21-Jan-25																															
EXISTING FINAL CLARIFIER																																				
464321 C 35	Circular Clarifier / Weirs & Baffles	9d	107d	12-Nov-24	22-Nov-24																															
055100 C 35	Metal Stairs & Railing	1d	109d	22-Nov-24	25-Nov-24																															

■ Current
■ Progress
■ Critical
■ Summary
◆ Milestones



EDGAR WWTF EQUIPMENT START UP SCHEDULE

Project		Job No.		Date		Copies To		Client		Contract		Contract		Contract		Contract	
EDGAR WWTF		14338		10/1/2024		Leon Haffner/Brad		April Anderson									
EQUIPMENT DELIVERY				POST START UP SERVICES													
SCC Code	Spec Section	Equipment Description	Locations	Comments	Post Start Up Approved	Owner Representative	Engineer Representative	SCC Representative	Manufacturer Name	Manf. Representative	Equip. Rep. Contact Person	Tech Contact Person	Phone Number	Email Address	Comments / Issues		
OVERHEAD DOORS																	
83600	83613	SECTIONAL STEEL OVERHEAD DOORS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	HUBCITY OVERHEAD DOORS, LLC	TIM RICE			715-457-2502	trice@hubcitydoor.com			
DOMES																	
133423	13300	DOMES				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	TANK COLLECTION LLC	ADAM NELSON			620-423-3010	anelson@tankcollection.com			
ELECTRICAL CONSTRUCTION																	
260500	26 29 00	LOW-VOLTAGE CONTROLLERS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	SARGENT ELECTRIC COMPANY	MIKE SCHMIDT			920-413-5356	michmidt@sargentelectric.com			
260500	26 32 13.13	ENGINE-DRIVEN GENERATOR SETS - DIESEL				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	SARGENT ELECTRIC COMPANY	MIKE SCHMIDT			920-413-5356	michmidt@sargentelectric.com			
INSTRUMENTATION AND CONTROLS																	
260500	11110	FLOW METERS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com			
260500	26 09 17	PROGRAMMABLE CONTROLLERS - SYSTEM INTEGRATOR				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com			
260500	26 29 00	LOW-VOLTAGE CONTROLLERS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com			
REGENERATIVE BLOWERS & ACCESSORIES																	
431112	11310.A	REGENERATIVE BLOWERS & ACCESSORIES				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	UNIVERSAL BLOWER PAC INC	ANDREW PLACEK			317-773-7256	aplacek@universalblowerspac.com			
POSITIVE DISPLACEMENT AIR BLOWERS																	
431133	11310	POSITIVE DISPLACEMENT AIR BLOWERS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	UNIVERSAL BLOWER PAC INC	ANDREW PLACEK			317-773-7256	aplacek@universalblowerspac.com			
CENTRIFUGAL PUMPS																	
432313	11910	CENTRIFUGAL PUMPS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	L W ALLEN	BILL BUCKLES			800-362-7266	bbuckles@lwallen.com			
ROTARY LOBE PUMPS																	
432358	11820	ROTARY LOBE PUMPS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	BOERGER LLC	BRYAN VITALA			612-435-7329	bvitala@boerger.com			
CHEMICAL FEED SYSTEM																	
463333	11510	CHEMICAL FEED SYSTEM				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	L A I LTD	RACHEL LEE			608-298-7271	rlee@lai-lltd.com			
ANOXIC ZONE MIXERS																	
464130	11120	ANOXIC ZONE MIXERS				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	CRANE ENG SALES INC	DAWN DRAEGER			920-733-4425	d.draeger@craneengineering.net			
CLARIFIER SYSTEM																	
464321	11410	CLARIFIER SYSTEM				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	ENVIRODYNE SYSTEMS INC	ROBERT SHEKER			717-763-0500	rsheker@envirodyne.com			
AERATION SYSTEM																	
465136	11320	AERATION SYSTEM				TERESA MARVIN	GARY STRAND	BRIAN BUSCHE	ENVIRONMENTAL DYNAMICS	TOMMY PERRY			573-507-5130	tommy.perry@enviwater.com			



EDGAR WWTF EQUIPMENT START UP SCHEDULE

Project: Edgar WWTF
 Job No: 4638
 Date:
 Copies To: Leon Haffenbred
 April Anderson

SCC Code	Spec Section	Equipment Description	O&M Manual Complete	INSTALLATION CHECK OUT			INSTRUCTIONAL SERVICES					Owner Representative	Engineer Representative	SCC Representative	Manufacturer Name	Manf. Representative	Equip. Rep. Contact Person	Tech Contact Person	Phone Number	Email Address	Comments / Issues	
				Installation Checkout Date (By Equip. Rep)	Trip & Hours	S/U Time	Installation Services Approved	Instructional Services Date	Trip & Hours	S/U Time	Instructional Services Approved											
CONFIRMED																						
TENTATIVE																						
ELECTRICAL CONSTRUCTION																						
260500	26 29 00	LOW-VOLTAGE CONTROLLERS	NO		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	SARGENT ELECTRIC COMPANY	MIKE SCHMIDT			920-413-5356	mschmidt@sargentelectric.com	
260500	26 32 13.13	ENGINE-DRIVEN GENERATOR SETS - DIESEL	NO		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	SARGENT ELECTRIC COMPANY	MIKE SCHMIDT			920-413-5356	mschmidt@sargentelectric.com	
POSITIVE DISPLACEMENT AIR BLOWERS																						
		POSITIVE DISPLACEMENT AIR BLOWERS (PHASE 2)	NO		1 Trip - 8 hrs																	
CENTRIFUGAL PUMPS																						
432313	11910	CENTRIFUGAL PUMPS (4ea)	NO	fall	1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	L W ALLEN	BILL BUCKLES	Chris Karn		800-362-7266	bbuckles@lwallen.com / ckarn@lwallen.com	
ANOXIC ZONE MIXERS																						
464130	11120	ANOXIC ZONE MIXERS (N)	YES		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	CRANE ENG SALES INC	DAWN DRAEGER			920-733-4425	d.draeger@craneengineering.net	
INSTRUMENTATION AND CONTROLS																						
260500	11110	FLOW METERS	YES		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com	
260500	26 09 17	PROGRAMMABLE CONTROLLERS - SYSTEM INTEGRATOR	YES		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com	
260500	26 29 00	LOW-VOLTAGE CONTROLLERS	YES		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	ENERGENECS INC	BRIAN AKASON			262-377-6360	brian.akason@energenecs.com	
REGENERATIVE BLOWERS & ACCESSORIES																						
431112	11310.A	REGENERATIVE BLOWERS & ACCESSORIES	NO		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	UNIVERSAL BLOWER PAC INC	ANDREW PLACEK			317-773-7256	aplacek@universalblowerpac.com	
CHEMICAL FEED SYSTEM																						
463333	11510	CHEMICAL FEED SYSTEM	NO		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	LAI LTD	RACHEL LEE			608-298-7271	rlee@lai-ltd.com	
OVERHEAD DOORS																						
83600	83613	SECTIONAL STEEL OVERHEAD DOORS	NO		1 Trip - 8 hrs								BART LEHMAN	GARY STRAND	BRIAN BUSCHE	HUBCITY OVERHEAD DOORS, LLC	TIM RICE			715-457-2502	trice@hubcitydoor.com	
COMPLETE																						
ELECTRICAL CONSTRUCTION																						
260500	26 32 13.13	ENGINE-DRIVEN GENERATOR SETS - DIESEL	NO		1 Trip - 8 hrs		7/23/2024						BART LEHMAN	GARY STRAND	BRIAN BUSCHE	SARGENT ELECTRIC COMPANY	MIKE SCHMIDT			920-413-5356	mschmidt@sargentelectric.com	
CLARIFIER SYSTEM																						
464321	11410	CLARIFIER SYSTEM	NO	8-May			5/29/2024	8-May					BART LEHMAN	GARY STRAND	BRIAN BUSCHE	ENVIRODYNE SYSTEMS INC	ROBERT SHEKER			717-763-0500	res@envirodynesystems.com	
ROTARY LOBE PUMPS																						
432358	11820	ROTARY LOBE PUMPS	YES	1-Jul	1 Trip - 8 hrs			1-Jul					BART LEHMAN	GARY STRAND	BRIAN BUSCHE	BOERGER LLC	BRYAN VIITALA			612-435-7329	bvi@boerger.com	
CENTRIFUGAL PUMPS																						
432313	11910	CENTRIFUGAL PUMPS (4ea)	NO	25-Jun	1 Trip - 8 hrs	8am	7/1/2024	25-Jun	1 Trip - 8 hrs	1pm	7/1/2024		BART LEHMAN	GARY STRAND	BRIAN BUSCHE	L W ALLEN	BILL BUCKLES	Chris Karn		800-362-7266	bbuckles@lwallen.com / ckarn@lwallen.com	
ANOXIC ZONE MIXERS																						

464130	11120	ANOXIC ZONE MIXERS (S)	YES	27-Jun	1 Trip - 8 hrs		8/8/2024	27-Jun	1 Trip - 8 hrs		8/8/2024	BART LEHMAN	GARY STRAND	BRIAN BUSCHE	CRANE ENG SALES INC	DAWN DRAEGER	Travis Walker	920-733-4425	d.draeger@craneengineering.net	
		POSITIVE DISPLACEMENT AIR BLOWERS																		
431133	11310	POSITIVE DISPLACEMENT AIR BLOWERS (1&2)	NO	9-Jul	1 Trip - 8 hrs		7/11/2024	10-Jul	1 Trip - 8 hrs		7/11/2024	BART LEHMAN	GARY STRAND	BRIAN BUSCHE	UNIVERSAL BLOWER PAC INC	ANDREW PLACEK	Mark Couch	317-773-7256	aplacek@universalblowerpac.com	6.12.24 Check list completed
		AERATION SYSTEM																		
465136	11320	AERATION SYSTEM	YES	10-Jul	1 Trip - 8 hrs		7/10/2024	10-Jul	1 Trip - 8 hrs		7/10/2024	BART LEHMAN	GARY STRAND	BRIAN BUSCHE	ENVIRONMENTAL DYNAMICS	TOMMY PERRY	Tom Mallory	573-507-5130	tommy.perry@wastewater.com	573-507-5181