

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	BB 10/15
Roger Strand	Project Manager	Cooper Engineer	715-518-3698	rstrand@cooperengineering.net	
Gary Strand	Engineer	Cooper Engineer	715-234-7008	gstrand@cooperegnineering.net	GS 10/15
Brian Akason-A	Energenecs	Energenecs	414-940-1570	briakakason@energenecs.com	
Randy Werner		Edgar Village Board	715-352-3152	Rwrnr55@gmail.com	RW 10/15
Nate Myszka	Project Engineer	Cooper Engineer	715-581-2277	nmyszka@cooperengineering.net	NM 10/15
Bart Lehman	Wastewater Operator	Village of Edgar	715-615-2963	wastewaterdept@edgarwi.org	BL 10/15
Bill Tess	Water Operator	Village of Edgar	715-615-2964	Bill.tess@edgarwi.org	BT 10/15
Jeni Lopez	Village Administrator	Village of Edgar	715-352-2891	Jennifer.lopez@edgarwi.gov	JL 10/15
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 10-15-2024
Jake Krenke		Sargent Electric			
Brad Mentenk		Energenecs			
Julie Giese	Loan Spec	USDA/RD	715-345-7654	Julie.GIESE@USDA.gov	JG 10/15/24
Jim Charron		Switlick & Sons	715-571-1824	Jim.charron@yahoo.com	
Nicole Sobczak	Loan Asst	USDA/RD	715-345-7630	Nicole.Sobczak@usda.gov	NS
Derek Wallace	Loan Asst.	USDA-RD	715.345-7618	derek.wallace2@usda.gov	DW 10-15-24

PROGRESS MEETING MINUTES

Project: EDGAR WWTF

Progress Meeting# 14

Date: OCTOBER 15, 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?
 - a. Turned on and who will take care of it? **The village to take ownership.**
 - b. Gas pipe Plumber (Staley) to notify the Gas Co.- Per Gary Strand **Gary sent WPS information to Staley Plumbing**

2. Lights on top of the Blower Gallery and how to mount them. **Roger resolved this with Sargent Electric**
 - a. South Aeration Basin Covers talked about?
 - b. Location needs to be confirmed

Action Items (From Last Meeting):

o

SAFETY TOPICS

o

RFI'S – REFERENCE LOG



Safety – Excellence – Team – Trust – Respect

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Pending / Open

- We need to submit an RFI requesting clarification of aeration lines and baffles at the grit tank

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
- 22' Clarifier demo/ fill tank – in discussion with owner
- Additional railing at aeration cover
- Underground wiring – from Jake
- Digester and sludge tank transducers. Cost has not been submitted. Owner is reviewing this work with their current vendor, B&M. They supplied the equipment in 2009.

Approved

PROGRESS PAYMENT

Pending

This week

Approved

- \$208,700.72

Next Month's- Reference Project Payment Schedule

- Value estimated at \$225,000.00

CONSTRUCTION SCHEDULE – LONG TERM SCHEDULE REVIEW (HANDOUT)

Previous 30 Days Work Progress:

- Electrical conduit
- Underground process pipe
- Demo 22' Clarifier FRP cover
- Storage Building Underground DWV
- Finish 35' clarifier concrete wall extensions



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- Painting touch-ups
- North Aeration Basin concrete Walls

30 Day Look ahead schedule:

- Aeration basin concrete shored walkways
- Pour Storage building concrete slab
- Install Blower Room precast
- Install U.G. pipe
- Install 35' Clarifier Equipment
- Install Primary Clarifier Equipment
- Pour Blower room concrete slab

Staab Construction

- See above

Engineer/ Owner

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

Plumbing

-

HVAC

- Install storage building gas pipe. **Hook up and inspect gas pipe systems.**
- **Energize pump room heater.**

Controls Integration

- Fabrication. **Energenecs has two weeks of work in the shop before shipping MCC's to the field.**
- **Roger was looking for some SCADA upgrades. Energenecs was on site and upgraded lift station controls.**

Electrician

Concerns impeding Schedule

- Controls delivery
 - Energenecs to provide a delivery date
 - **The north aeration basin chain to be left idle for the winter until project controls are installed and operational.**



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

Submittals

-

Operation and Maintenance Manuals

- Electrical review status? – Engineer – **per Roger, the O&M's will be reviewed by the end of the week**

Warranty

-

Commissioning

OPEN DISCUSSION

Owner

- **Bart inquired about DMR forms – I.E., Wonderware? Gary to check with Brian Mentink for options**

Engineer

- **Gary emphasized the pipe bollards be installed around the generator, ATS, and transformer before the snow flies**
- **Existing 240 volt power required for belt press, screen, and other equipment**
- **The new 6" blower can be used for digester aeration. So, we can make the U.G. tie-in**

Staab Construction

Subcontractors

- **Sargent Electric to review schedule with Brian Mentink. Specifically, the switch over to the new MCC's/power, 240 volt power will be fed from new switch board/transformer/panelboard. After that, we can then demo the existing generator.**

Others

The next meeting is scheduled for Nov 18, 2024 at 10am

Located at _____





100% EMPLOYEE OWNED

Premier Contractor of Environmental Civil Construction

ATTACHMENTS

- 01 Meeting Sign in sheet - FILLED IN
- 01.1 Progress Meeting Agenda
- 01.2 Progress Meeting Minutes
- 02 3-Week Schedule
- 04.1 Staab PM RFI Log
- 04.2 Staab PM Submittal Log – Package
- 04.3 Staab PM OM Log – Package
- 04.4 Staab PM WARRANTY Log – Package
- 04.5 Staab PM COMMISSIONING Log - Package
- 05 Staab PM Change Order Log
- 06.1 Payment Processing Schedule
- 09 P6 Schedule
- 10 EQP Delivery-Start Up Schedule - EDGAR



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Staab Construction 3 Week Schedule			Project: 4638 - Edgar WWTF														Date: Thursday, October 10, 2024																																			
Crew:			Enter Monday's Date														Name: Brian B																																			
Contractor	Phase Code	Avail Hours	Description of Work	Week Of								10/7/2024		Next Week							10/14/2024		2 Weeks Out								10/21/2024		Total MH	FTE	% Complete	Notes/Comments																
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<i>Staab</i>			<i>List activities by crew with required equipment</i>																																																	
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Contractor	Phase Code	Phase Code	Description of Work	Week Of								10/7/2024		Next Week							10/14/2024		2 Weeks Out								10/21/2024		Total MH	FTE	% Complete	Notes/Comments																					
Subcontractors				S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S																			
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Hub City			OH Door																				0	0										0	0											0	0										
Staley P&H			HVAC																				0	0										0	0											0	0										
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RFI 24 - MIXER WIRE SIZE **Status CLO**

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**

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**

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**

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 acceptacle 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

Lamicroids 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 HAFENBREDL **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 111N 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

4638- EDGAR WWTF

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**

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
133418-01		POLE BUILDING SYSTEM- OM MANUAL SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM	O & M	NEW	8/30/24			9/13/24			STAAB CONSTRUCTION CORP	At substaintial complete
133423-01		DOMES- OM MANUALS SECTION 13300 - DOMES- OM MANUAL ADDITIONAL	O & M	NEW	10/30/24			11/13/24			TANK CONNECTION LLC	
260500-01		ELECTRICAL CONSTRUCTION -OM MANUALS SECTION 26 24 13 - SWITCHBOARDS- OM MANUALS SECTION 26 24 16 - PANELBOARDS - OM MANUALS SECTION 26 27 26 - WIRING DEVICES - OM MANUALS SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - OM MANUALS SECTION 26 32 13.13 - ENGINE-DRIVEN GENERATOR SETS - DIESEL - OM MANUALS	O & M	SUB	5/1/24	6/3/24	6/3/24	6/15/24			COOPER ENGINEERING CO	Printed for field use on 6/25/24
			O & M	SUB	5/1/24	6/3/24	6/3/24	6/15/24			COOPER ENGINEERING CO	Printed for field use on 6/25/24
			O & M	SUB	5/1/24	6/3/24	6/3/24	6/15/24			COOPER ENGINEERING CO	Printed for field use on 6/25/24
			O & M	SUB	5/1/24	6/3/24	6/3/24	6/15/24			COOPER ENGINEERING CO	Printed for field use on 6/25/24
			O & M	SUB	5/1/24	6/3/24	6/3/24	6/15/24			COOPER ENGINEERING CO	Printed for field use on 6/25/24
260500-002		INSTRUMENTATION AND CONTROLS- OM MANUALS SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR- OWNER COPY	O & M	NEW	6/1/24			6/15/24			ENERGENECS INC	**Provide final copies after project commissioning**

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
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**
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		
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										

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
		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

4638- EDGAR WWTF

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
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.	

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
Total for Approved Change Orders				168,945.59			
Pending Change Orders							
25	Item # 1	Cost to remove 22' Clarifier Cover	9/5/24	\$25,779.00	SUBMITTED FOR APPROVAL		N
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
29	Item # 1	Paint Primary Clarifier Rake Arms	9/24/24	\$13,502.00	SUBMITTED FOR APPROVAL		N
30	Item # 1	Water Hydrant at the Primary Clarifier	10/1/24	\$5,469.00	SUBMITTED FOR APPROVAL		N
Total for Pending Change Orders				179,102.00			



Payment Processing Schedule

Date: 10/14/2024
 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: \$168,945.59 **Phone(O):** 715-234-7008

Phone: 715-352-2891

Phone: 715-387-8429 x205

Current Contract: \$7,731,945.59 **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	\$225,000							
19	11/30/24	12/10/24	12/20/24	12/20/24	12/22/24	\$250,000							
20	12/31/24	01/10/25	01/20/25	01/20/25	01/22/25	\$675,000							
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	\$240,828							
TOTALS						\$7,731,946	\$5,966,117.59	(\$193,298.64)	\$5,772,818.95			\$5,564,118.23	\$208,700.72

Project Manager: _____ Unbilled \$1,765,828.00

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

Comments:

\$0.00

STAAB CONSTRUCTION

ID	Name	Planned Duration	Total Float	Start	Finish	Expected Finish	2023												2024												2025					
							Jan	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	116d	23-May-23	08-Nov-24																															
076100 F 01	Metal Roofing	30d	94d	10-Oct-23	01-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	115d	12-Dec-23	15-Oct-24																															
123000 F 01	Laboratory Casework	60d	105d	17-Apr-24	22-Nov-24																															
061170 F 01	Roof Systems	30d	76d	06-Aug-24	22-Nov-24																															
CONSTRUCTION																																				
SITWORK																																				
260500 C 05	Electrical - Sitework	15d	91d	20-Dec-23	15-Oct-24																															
400519 C 07	Buried Process Piping - Phase 2	33d	132d	01-Aug-24	19-Nov-24																															
055710 C 01	Metal Bollards	2d	159d	14-Oct-24	15-Oct-24																															
030710 C 01	Site Sidewalk	6d	132d	19-Nov-24	29-Nov-24																															
321123 C 01	Gravel	4d	134d	19-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 20	Modifications to Primary Clarifier #1	6d	118d	21-Aug-24	22-Oct-24																															
024135 C 21	Modifications to Primary Clarifier #2	6d	118d	29-Oct-24	06-Nov-24																															
PUMP BUILDING																																				
260500 C 30	Electrical	60d	102d	21-Dec-23	21-Oct-24																															
230500 C 30	HVAC	3d	134d	09-May-24	17-Oct-24																															
099100 C 31	Painting - Mechanical	15d	116d	15-Jul-24	14-Nov-24																															
099100 C 30	Painting - Building	15d	126d	07-Aug-24	29-Oct-24																															
081373 C 30	Sliding Metal Door	2d	116d	11-Nov-24	12-Nov-24																															
104416 C 30	Fire Extinguishers	1d	116d	14-Nov-24	15-Nov-24																															
260500 C 31	Electrical - MCC & Controls	15d	69d	31-Dec-24	21-Jan-25																															
EXISTING FINAL CLARIFIER																																				
099100 C 35	Painting	5d	138d	03-Sep-24	16-Oct-24																															

■ Current
■ Progress
■ Critical
◆ Milestones
◆ Summary

staab construction CORPORATION 100% EMPLOYEE OWNED			EDGAR WWTF EQUIPMENT START UP SCHEDULE				Project: EDGAR WWTF									
			Equipment Delivery		Post Start Up Services		Job No: 16236									
							Client: Leon Haffner/Brad									
							April Anderson									
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																						