

## MEETING SIGN-IN SHEET

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

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

Name	Title	Company	Phone	E-Mail	Initial & Date
Brady Webster	EIT	Cooper Engineering	715-827-1544	<a href="mailto:bwebster@cooperengineering.net">bwebster@cooperengineering.net</a>	
Gordon Smukowsh		Sargent Electric	920-883-2924	<a href="mailto:gsmukowsh@sargentelectric.com">gsmukowsh@sargentelectric.com</a>	
Jake Krenke		Sargent Electric			
Brad Mentenk		Energenecs			
Julie Giese					
Jim Charron		Switlick & Sons	715-571-1824	<a href="mailto:Jim.charron@yahoo.com">Jim.charron@yahoo.com</a>	

## PROGRESS MEETING **AGENDA**

Project: EDGAR WWTF

Date: September 17, 2024

Progress Meeting# 13

Location: EDGAR VILLAGE TOWN HALL

### REQUIRED ATTENDEES

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

Staab Construction:

Subcontractors / Suppliers:

Guests:

### PREVIOUS MEETING MINUTES

Discussion Points

- 

Action Items (From Last Meeting):

- 

### SAFETY TOPICS

- 

### RFI'S – REFERENCE LOG

Pending / Open

- 

Closed



## CHANGE ORDERS – REFERENCE LOG

### Pending

- Extra primary Clarifier work due to excessive corrosion

### Approved

- U.G. pipe/valve installation
- Cost to provide PVC sampler pipe.
- Cost to provide grating and railing at existing clarifier entrance.
- Pump building downspouts
- Cost to provide 4x rated disconnect for 50' clarifier.
- Cost to install alum dome on 35' Clarifier

## PROGRESS PAYMENT

### Pending

### Approved

- \$350,650.48

### Next Month's- Reference Project Payment Schedule

- Value estimated at \$300,00.00

## CONSTRUCTION SCHEDULE – LONG TERM SCHEDULE REVIEW (HANDOUT)

### Previous 30 Days Work Progress:

- Electrical conduit
- 35' clarifier concrete wall extensions
- Painting – 35' clarifier, RBC I-beams, pump building

### 30 Day Look ahead schedule:

- Extend Clarifier concrete walls
- Extend aeration basin concrete walls
- Install storage building DWV pipe and trench drain
- Install U.G. pipe



### ***Staab Construction***

- See above
- 

### ***Engineer/ Owner***

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

### ***Plumbing***

- Storage Building DWV

### ***HVAC***

- Install storage building gas pipe

### ***Controls Integration***

- Fabrication

### ***Electrician***

- Conduit and conductors.

### ***Concerns impeding Schedule***

- Controls delivery

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

### ***Submittals***

- 

### ***Operation and Maintenance Manuals***

- 

### ***Warranty***

- 

### ***Commissioning***

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## OPEN DISCUSSION

*Owner*

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*Engineer*

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*Staab Construction*

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*Subcontractors*

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*Others*

The next meeting is scheduled for Oct 15, 2024 at 10am

Located at \_\_\_\_\_

## 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



Staab Construction 3 Week Schedule										Project: 4638 - Edgar WWTF										Date: Thursday, September 5, 2024														
Crew:										Enter Monday's Date										Name: Brian B														
Contractor	Phase Code	Avail Hours	Description of Work	Week Of							9/2/2024		Next Week							9/9/2024		2 Weeks Out							9/16/2024		% Complete	Notes/Comments		
				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				
Staab			List activities by crew with required equipment																															
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			Demo RBC's								0	0									0	0									0	0		
			35' Clarifier Walls			30	40	40			110	2.75	40	40	20	20					120	3									0	0		
			North Aeration Walls								0	0			20	20					40	1	40	40	40	40					160	4		
			Bathroom Mods New HM Door & Frame								0	0									0	0									0	0		
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<b>RFI</b>	<b>24 - MIXER WIRE SIZE</b>							<b>Status</b>	<b>CLO</b>
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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.

<b>RFI</b>	<b>23 - SHOWER OPENING LOCATION &amp; MASONRY MOD</b>							<b>Status</b>	<b>CLO</b>
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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

<b>RFI</b>	<b>22 - 35' CLARIFIER WALL FORMING</b>							<b>Status</b>	<b>CLO</b>
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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.

<b>RFI</b>	<b>21 - YARD HYDRANT CLARIFICATION</b>							<b>Status</b>	<b>CLO</b>
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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" windor to the north lab wall and provide a 3'-0" z 3'-0" fixed glass window centered on the lab sink, as well as a 3'-0" x 3'-0" casement style windor in the original windor 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

<b>RFI</b>	<b>12 - FIBER PANEL PART NO</b>	<b>Status</b>	<b>CLO</b>
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**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

<b>RFI</b>	<b>11 - FIBER OPTIC</b>	<b>Status</b>	<b>CLO</b>
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**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

<b>RFI</b>	<b>10 - LIGHT POLE RELOCATION</b>	<b>Status</b>	<b>CLO</b>
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**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.

<b>RFI</b>	<b>9 - CLARIFIER RECEPTACLE LOCATION</b>	<b>Status</b>	<b>CLO</b>
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**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 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 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

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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		<b>FRP FABRICATION</b> SECTION 06530 - PLASTIC PREFABRICATIONS - GRATING & RAINING PER CO#02	SUBM	NEW	9/18/24			10/2/24			FIBERGRATE COMPOSITE STR	
133423-00		<b>DOMES</b> SECTION 13300 - DOMES- ADDITIONAL PER OWNER CO	SUBM	NEW	10/15/24			10/29/24			TANK CONNECTION LLC	
321216-00		<b>ASPHALT PAVING</b> SECTION 321216 - ASPHALT PAVING	SUBM	NEW	8/16/24			8/30/24			AMERICAN ASPHALT OF WISC	










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		<b>OVERHEAD DOORS- OM MANUAL</b>										
		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	NEW	6/3/24	8/14/24	8/14/24	6/17/24	8/14/24	8/14/24		Printed for field use on 6/25/24 NOTICE - 7/26 Fee to Apply by August 9, 2024
133418-01		<b>POLE BUILDING SYSTEM- OM MANUAL</b>										
		SECTION 133410 - FABRICATED WOOD BUILDING SYSTEM	O & M	NEW	8/30/24			9/13/24			STAAB CONSTRUCTION CORP	At substantial complete
133423-01		<b>DOMES- OM MANUALS</b>										
		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	NEW	8/21/24			9/4/24			TANK CONNECTION LLC	NOTICE - 8/28 Should be here by 9/11/24 at the latest
		SECTION 13300 - DOMES- OM MANUAL ADDITIONAL	O & M	NEW	10/30/24			11/13/24			TANK CONNECTION LLC	
230500-01		<b>HVAC- OM MANUAL</b>										
		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		<b>ELECTRICAL CONSTRUCTION -OM MANUALS</b>										
		SECTION 26 24 13 - SWITCHBOARDS- 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
		SECTION 26 24 16 - PANELBOARDS - 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
		SECTION 26 27 26 - WIRING DEVICES - 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
		SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - 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
	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	
260500-002		<b>INSTRUMENTATION AND CONTROLS- OM MANUALS</b>										
		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- OWNER COPY	O & M	NEW	6/1/24			6/15/24			ENERGENECS INC	**Provide final copies after project commissioning**
	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			
400519-00A		<b>EXPANSION JOINTS- OM MANUAL</b>										
		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		

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
400559-01 		<b>SLIDE GATES -OM MANUAL</b>										
		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 		<b>GATE VALVES_ OM MANUAL</b>										
		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 		<b>BUTTERFLY VALVES- OM MANUALS</b>										
		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 		<b>CHECK VALVES- OM MANUAL</b>										
		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 		<b>PINCH VALVES- OM MANUAL</b>										
		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 		<b>REGENERATIVE BLOWERS &amp; ACCESSORIES- OM MANUALS</b>										
		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 		<b>POSITIVE DISPLACEMENT AIR BLOWERS- OM MANUALS</b>										
		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		
		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 		<b>CENTRIFUGAL PUMPS -OM MANUALS</b>										
		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 		<b>ROTARY LOBE PUMPS- OM MANUAL</b>										
		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		



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Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
		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		<b>CHEMICAL FEED SYSTEM - OM MANUALS</b>										
		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		<b>ANOXIC ZONE MIXERS- OM MANUALS</b>										
		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		<b>CLARIFIER SYSTEM -OM MANUALS</b>										
		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		<b>AERATION SYSTEM- OM MANUAL</b>										
		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		

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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		<b>SINGLE PLY ROOFING- WARRANTY</b> SECTION 07530 - BALLASTED EPDM MEMBRANE ROOFING SYSTEM- 10 YEAR WARRANTY	WARR	NEW							PHD ROOF DOCTOR'S, INC.	
076100-01		<b>METAL ROOFING- WARRANTY</b> 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		<b>JOINT SEALANTS -WARRANTY</b> SECTION 07900 - CAULKING AND SEALANTS -5 YEAR WARRANTY	WARR	NEW							STAAB CONSTRUCTION CORP	
083600-02		<b>OVERHEAD DOORS- WARRANTY</b> SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- WARRANTY	WARR	NEW							HUBCITY OVERHEAD DOORS,	
085100-01		<b>METAL WINDOWS- WARRANTY</b> SECTION 08500 - ALUMINUM WINDOW UNITS- 10 YEAR WARRANTY	WARR	NEW							RIB MOUNTAIN GLASS INC	
133423-02		<b>DOMES- WARRANTY</b> SECTION 13300 - DOMES- WARRANTY SECTION 13300 - DOMES- WARRANTY ADDITIONAL	WARR WARR	NEW NEW							TANK CONNECTION LLC TANK CONNECTION LLC	
230500-02		<b>HVAC- WARRANTY</b> SECTION 15600B - HVAC - WARRANTY	WARR	NEW							STALEY PLUMBING & HVAC LL	
260500-02		<b>ELECTRICAL CONSTRUCTION - WARRANTY</b> 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		<b>INSTRUMENTATION AND CONTROLS- WARRANTY</b> 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		<b>SLIDE GATES -WARRANTY</b> SECTION 13200 - SLIDE GATES -OM MANUAL	WARR	NEW							MULCAHY/SHAW WATER INC	
400561-02		<b>GATE VALVES- WARRANTY</b> SECTION 15200.39 - GATE VALVES- WARRANTY	WARR	NEW							DORNER COMPANY	
400564-02		<b>BUTTERFLY VALVES- WARRANTY</b>										

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	NEW							DORNER COMPANY	
400565-02		<b>CHECK VALVES- WARRANTY</b> SECTION 15200.39 - CHECK VALVES- WARRANTY	WARR	NEW							DORNER COMPANY	
400574-02		<b>PINCH VALVES- WARRANTY</b> SECTION 15200.39 - PINCH VALVES- WARRANTY	WARR	NEW							DORNER COMPANY	
431112-02		<b>REGENERATIVE BLOWERS &amp; ACCESSORIES -WARRANTY</b> SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES- WARRANTY	WARR	NEW							UNIVERSAL BLOWER PAC INC	
431133-02		<b>POSITIVE DISPLACEMENT AIR BLOWERS -WARRANTY</b> SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS- WARRANTY	WARR	NEW							UNIVERSAL BLOWER PAC INC	
432313-02		<b>CENTRIFUGAL PUMPS -WARRANTY</b> SECTION 11910 - CENTRIFUGAL PUMPS- WARRANTY	WARR	NEW							L WALLEN LLC - USE SJE RHO	
432358-02		<b>ROTARY LOBE PUMPS- WARRANTY</b> SECTION 11820 - ROTARY LOBE PUMPS- WARRANTY	WARR	NEW							BOERGER LLC	
463333-02		<b>CHEMICAL FEED SYSTEM - WARRANTY</b> SECTION 11510 - CHEMICAL FEED SYSTEM -WARRANTY	WARR	NEW							LA I LTD	
464130-02		<b>ANOXIC ZONE MIXERS- WARRANTY</b> SECTION 11120 - ANOXIC ZONE MIXERS -WARRANTY	WARR	NEW							CRANE ENG SALES INC	
464321-02		<b>CLARIFIER SYSTEM -WARRANTY</b> SECTION 11410 - CLARIFIER SYSTEM- WARRANTY	WARR	NEW							ENVIRODYNE SYSTEMS INC	
464321-004		<b>FRP WEIR &amp; SCUM BAFFLE PANELS- WARRANTY</b> FRP WEIR & SCUM BAFFLE PANELS- WARRANTY	WARR	RTE	5/6/24	5/6/24		5/20/24			APRIL ANDERSON	
465136-02		<b>AERATION SYSTEM- WARRANTY</b> SECTION 11320 - AERATION SYSTEM- WARRANTY	WARR	NEW							ENVIRONMENTAL DYNAMICS	

Submittal Package	Rev	Description	Type	Status	Due	Rec'd	Sent	Due	Ret'd	Forw'd	Ball in Court	Notes
083600-03		<b>OVERHEAD DOORS- COMMISSIONING</b> SECTION 083613 - SECTIONAL STEEL OVERHEAD DOORS- COMMISSIONING	COMMIS	NEW							HUBCITY OVERHEAD DOORS,	
260500-03		<b>ELECTRICAL CONSTRUCTION - COMMISSIONING</b> SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - COMMISSIONING SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS - SPARE PARTS SECTION 26 32 13.13 - ENGINE-DRIVEN GENERATOR SETS - DIESEL - COMMISSIONING	COMMIS COMMIS COMMIS	NEW NEW FYI							SARGENT ELECTRIC COMPAN SARGENT ELECTRIC COMPAN SARGENT ELECTRIC COMPAN	
260500-004		<b>INSTRUMENTATION AND CONTROLS- COMMISSIONING</b> SECTION 11110 - FLOW METERS SECTION 26 09 17 - PROGRAMMABLE CONTROLLERS-SYSTEM INTEGRATOR SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS SECTION 26 29 00 - LOW-VOLTAGE CONTROLLERS- SPARE PARTS	COMMIS COMMIS COMMIS COMMIS	NEW NEW NEW NEW							ENERGENECS INC ENERGENECS INC ENERGENECS INC ENERGENECS INC	
431112-03		<b>REGENERATIVE BLOWERS &amp; ACCESSORIES -COMMISSIONING</b> SECTION 11310.A - REGENERATIVE BLOWERS & ACCESSORIES -COMMISSIONING	COMMIS	NEW							UNIVERSAL BLOWER PAC INC	
431133-03		<b>POSITIVE DISPLACEMENT AIR BLOWERS -COMMISSIONING</b> SECTION 11310 - POSITIVE DISPLACEMENT AIR BLOWERS- COMMISSIONING	COMMIS	FYI							UNIVERSAL BLOWER PAC INC	
432313-03		<b>CENTRIFUGAL PUMPS -COMMISSIONING</b> SECTION 11910 - CENTRIFUGAL PUMPS- COMMISSIONING	COMMIS	FYI							L W ALLEN LLC - USE SJE RHO	
432358-03		<b>ROTARY LOBE PUMPS- COMMISSIONING</b> SECTION 11820 - ROTARY LOBE PUMPS -COMMISSIONING	COMMIS	NEW							BOERGER LLC	
463333-03		<b>CHEMICAL FEED SYSTEM - COMMISSIONING</b> SECTION 11510 - CHEMICAL FEED SYSTEM -COMMISSIONING	COMMIS	NEW							LA I LTD	
464130-03		<b>ANOXIC ZONE MIXERS -COMMISSIONING</b> 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		<b>CLARIFIER SYSTEM -COMMISSIONING</b> 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		<b>AERATION SYSTEM- COMMISSIONING</b> SECTION 11320 - AERATION SYSTEM- COMMISSIONING	COMMIS	FYI							ENVIRONMENTAL DYNAMICS	

ACO / PCO #	Item #	Description	CO Date	Amount	Status	Approved Date	Approved / Interfaced
<b>Approved Change Orders</b>							
<b>Contract Change Order # 1</b>							
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
<b>Contract Change Order # 2</b>							
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
<b>Contract Change Order # 3</b>							
15	Item # 1	Cost to Dispose of RBC Media		\$12,866.14	APPROVED	2/12/24	Y
<b>Contract Change Order # 4</b>							
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
<b>Contract Change Order # 5</b>							
13	Item # 1	Cost for snow guards on east side of storage garage	2/2/24	\$6,481.00	APPROVED	2/12/24	Y
<b>Contract Change Order # 6</b>							
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
<b>Contract Change Order # 7</b>							
17	Item # 1	Cost to provide temporary power & control system	4/2/24	\$45,482.00	APPROVED	4/8/24	Y
<b>Contract Change Order # 8</b>							
18	Item # 1	Cost to Provide a Compressed Air System	5/6/24	\$10,141.00	APPROVED	6/10/24	Y
<b>Contract Change Order # 9</b>							
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
<b>Approved Change Orders</b>			<b>-continued</b>				
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
<b>Total for Approved Change Orders</b>				<b>36,974.59</b>			
<b>Pending Change Orders</b>							
23	Item # 1	Remove and Replace Grating and Railing at Ex. 35' Clarifier	8/6/24	\$15,886.00	SUBMITTED FOR APPROVAL		N
24	Item # 1	Provide Aluminum Dome on 35' Clarifier	8/21/24	\$116,085.00	SUBMITTED FOR APPROVAL		N
25	Item # 1	Cost to remove 22' Clarifier Cover	9/5/24	\$25,779.00	SUBMITTED FOR APPROVAL		N
<b>Total for Pending Change Orders</b>				<b>157,750.00</b>			



# Payment Processing Schedule

Date: 9/12/2024  
 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: \$36,974.59 **Phone(O):** 715-234-7008

**Phone:** 715-352-2891

**Phone:** 715-387-8429 x205

Current Contract: \$7,599,974.59 **Phone(M):** 715-651-5978

**Phone:**

**Phone:**

**E-Mail:** [gstrand@cooperengineering.net](mailto:gstrand@cooperengineering.net)

**E-Mail:** [villagehall@edgarwi.gov](mailto:villagehall@edgarwi.gov)

**E-Mail:** [Sue.Kuechenmeister@staabco.com](mailto: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				\$350,650.48
17	09/30/24	10/10/24	10/20/24	10/20/24	10/22/24	\$300,000							
18	10/31/24	11/10/24	11/20/24	11/20/24	11/22/24	\$300,000							
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	\$450,000							
21	01/31/25	02/10/25	02/20/25	02/20/25	02/22/25	\$250,000							
22	05/31/25	06/10/25	06/20/25	06/20/25	06/22/25	\$245,857							
<b>TOTALS</b>						\$7,599,975	\$5,754,117.59	(\$189,999.36)	\$5,564,118.23			\$5,213,467.75	\$350,650.48

Project Manager: \_\_\_\_\_ Unbilled \$1,845,857.00

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_ \$189,999.36

Comments:

\$2,035,856.36



# 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						
<b>4638 - EDGAR WWTF</b>																																										
<b>ADMINISTRATION</b>																																										
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	[Progress Bar]																																			
010000 A 02	Start Construction	0d		02-Aug-23			◆																																			
010010 A 01	Supervision	305d	65d	03-Aug-23	28-Mar-25	28-Mar-25	[Progress Bar]																																			
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		◆																																			
<b>SUBMITTALS</b>																																										
321216 S 01	Asphalt Paving	20d	174d	01-Aug-24	11-Oct-24		[Progress Bar]																																			
<b>FABRICATION</b>																																										
081373 F 01	Sliding Metal Door	40d	122d	23-May-23	11-Oct-24		[Progress Bar]																																			
076100 F 01	Metal Roofing	30d	114d	10-Oct-23	04-Oct-24		[Progress Bar]																																			
260500 F 02	Electrical - System Integrator	120d	74d	18-Oct-23	20-Dec-24	20-Dec-24	[Progress Bar]																																			
085100 F 01	Metal Windows	40d	135d	12-Dec-23	17-Sep-24		[Progress Bar]																																			
123000 F 01	Laboratory Casework	60d	125d	17-Apr-24	25-Oct-24		[Progress Bar]																																			
061170 F 01	Roof Systems	30d	96d	06-Aug-24	25-Oct-24		[Progress Bar]																																			
<b>CONSTRUCTION</b>																																										
<b>SITWORK</b>																																										
260500 C 05	Electrical - Sitework	15d	111d	20-Dec-23	17-Sep-24		[Progress Bar]																																			
400519 C 07	Buried Process Piping - Phase 2	33d	162d	01-Aug-24	08-Oct-24		[Progress Bar]																																			
055710 C 01	Metal Bollards	2d	179d	16-Sep-24	17-Sep-24		[Progress Bar]																																			
030710 C 01	Site Sidewalk	6d	162d	08-Oct-24	17-Oct-24		[Progress Bar]																																			
321123 C 01	Gravel	4d	164d	08-Oct-24	14-Oct-24		[Progress Bar]																																			
321216 C 01	Asphalt Paving	4d	173d	14-Oct-24	18-Oct-24		[Progress Bar]																																			
312219 C 01	Site Grading/Replace Topsoil	7d	162d	17-Oct-24	28-Oct-24		[Progress Bar]																																			
323100 C 01	Fences	6d	162d	28-Oct-24	05-Nov-24		[Progress Bar]																																			
329219 C 01	Seed, Fertilizer & Mulch	4d	162d	05-Nov-24	11-Nov-24		[Progress Bar]																																			
<b>EXISTING PRIMARY CLARIFIERS</b>																																										
024135 C 20	Modifications to Primary Clarifier #1	6d	138d	21-Aug-24	24-Sep-24		[Progress Bar]																																			
024135 C 21	Modifications to Primary Clarifier #2	6d	138d	01-Oct-24	09-Oct-24		[Progress Bar]																																			
<b>PUMP BUILDING</b>																																										
260500 C 30	Electrical	60d	102d	21-Dec-23	23-Sep-24		[Progress Bar]																																			
230500 C 30	HVAC	3d	141d	09-May-24	19-Sep-24		[Progress Bar]																																			
099100 C 30	Painting - Building	15d	127d	07-Aug-24	08-Oct-24		[Progress Bar]																																			
072129 C 30	Foam Spray Insulation	2d	127d	16-Sep-24	17-Sep-24		[Progress Bar]																																			
081373 C 30	Sliding Metal Door	2d	122d	14-Oct-24	15-Oct-24		[Progress Bar]																																			
099100 C 31	Painting - Mechanical	15d	122d	16-Oct-24	05-Nov-24		[Progress Bar]																																			

■ Current  
■ Progress  
■ Critical  
◆ Milestones  
◆ Summary







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	<a href="mailto:mschmidt@sargentelectric.com">mschmidt@sargentelectric.com</a>	
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	<a href="mailto:mschmidt@sargentelectric.com">mschmidt@sargentelectric.com</a>	
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	<a href="mailto:bbuckles@lwallen.com">bbuckles@lwallen.com</a> / <a href="mailto:ckarn@lwallen.com">ckarn@lwallen.com</a>	
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	<a href="mailto:d.draeger@craneengineering.net">d.draeger@craneengineering.net</a>	
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	<a href="mailto:brian.akason@energenecs.com">brian.akason@energenecs.com</a>	
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	<a href="mailto:brian.akason@energenecs.com">brian.akason@energenecs.com</a>	
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	<a href="mailto:brian.akason@energenecs.com">brian.akason@energenecs.com</a>	
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	<a href="mailto:aplacek@universalblowerpac.com">aplacek@universalblowerpac.com</a>	
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	<a href="mailto:rlee@lai-ltd.com">rlee@lai-ltd.com</a>	
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	<a href="mailto:trice@hubcitydoor.com">trice@hubcitydoor.com</a>	
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	<a href="mailto:mschmidt@sargentelectric.com">mschmidt@sargentelectric.com</a>	
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	<a href="mailto:res@envirodynesystems.com">res@envirodynesystems.com</a>	
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	<a href="mailto:bvi@boerger.com">bvi@boerger.com</a>	
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	<a href="mailto:bbuckles@lwallen.com">bbuckles@lwallen.com</a> / <a href="mailto:ckarn@lwallen.com">ckarn@lwallen.com</a>	
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