

Memo

DATE: July 10, 2023

TO: Paula Schumacher
Village Administrator

FROM: Dan Dinges, PE
Director of Public Works

SUBJECT: Bittersweet Water Reclamation Facility Improvements
- Change Order #4

The reclamation facility improvements are well underway however, there have been several delays due to equipment delays that has impacted the completion date. We have been working with Joseph J. Henderson & Son (JJH), Inc. to look at ways to shorten the delays by utilizing temporary power to continue working on the various new buildings while we wait for the motor control centers that are delayed. We also have several smaller items that have come up during construction that required a change in the contract Change order #4 represents a total increase of \$263,909.77:

- The main increase is due to the temporary power to facilitate startups and turnover of equipment prior to the new equipment arriving. This allows us to reduce the time extension from 417 days to 267 days. Total Cost= \$148,554
- There are several other items that we encountered during construction that were needed and are described in Strand's change order document. Total for those changes = \$115,355.77

JJH included a time extension letter (attached) that explains the delays and the costs of the delays totaling \$140,772 without doing anything to shorten the delays. For an additional ~\$8,000 we are able to provide temporary power and start up the equipment while we wait for the motor control centers. This saves us 150 days of construction.

We recommend that the Village Board approve Change Order #4 with Joseph J. Henderson & Son, Inc.

MOTION: I move to approve Resolution 2023-_____, a Resolution Approving of Change Order #4 to the Contract Between Joseph J. Henderson & Son, Inc. and the Village of Bartlett for the Bittersweet Water Reclamation Facility Improvements for a \$263,909.77 Increase in the Original Contract Sum.



JOSEPH J. HENDERSON & SON, INC.
GENERAL CONTRACTOR
ESTABLISHED 1928

4288 Old Grand Avenue
Gurnee, IL 60031
PH: 847-244-3222
FX: 847-244-2490

Strand Associates
910 West Wingra Dr.
Madison, WI 53715

June 23, 2023

Attn: Mr. Phil Severson, P.E.

Project: Bittersweet Water Reclamation Facility Improvements
Village of Bartlett
Contract 1-2021

Subject: Time Extension Request. – Eaton Corp SWBD-95, CAT Generator

Mr. Severson,

Over the last few months, we have discussed the delivery date for SWBD 95 from Eaton Corporation has been delayed to approximately April 2024 due to major supply chain issues and material shortages. We also received a change order to provide a new CAT Generator that has also been delayed to March of 2024 due to the same major supply chain issues and material shortages. The cause is the result of an unavoidable and unanticipated delay, not the fault of and beyond the control of JJ Henderson or Morse Electric. See attached letter/email from our suppliers that identifies the delay.

Morse Electric did an extensive search for other switch gear manufacturers that meet the specification to see if they could improve on the delivery times and still meet the schedule. The other manufacturers had large increases in price and delivery was the same or worse depending on the submittal process. It was discussed and decided upon that the original approved gear was the best route to continue. See attached analysis.

All the new electric power for the project begins at and runs through SWBD-95. Electricity is distributed from the new switchboard to the new MCC's that power each new piece of equipment, system, and buildings in the plant. The first phase of the project cannot be started up without power that runs through SWBD-95. If received in April of 2024, startup and commissioning of the entire phase one work will take approximately 2 months plus the 6-8 months of work to follow. The latest schedule shows a substantial completion date of February 21, 2025, with final completion on July 8, 2025. With no changes to the contract sequencing of the work or any temporary measures a time extension of **417 calendar days** is requested. Direct costs to this unavoidable delay are the extension of Builder's Risk insurance and extended onsite costs for trailers, and partial supervision due to inefficiencies due to out of sequenced work. This totals **\$140,771.50** See attached breakdown.



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We have also discussed how we can circumvent the construction sequencing and operations of the plant by supplying temporary power and piping to facilitate startups and turnover of equipment of equipment without waiting for the permanent gear and power as per the contract documents. We also can then start work now instead of waiting for the April 2024 delivery to startup phase one work and then start phase two work. The following is what we have been able to come up with that will reduce the overall costs of the delay and the time required to complete the project.

Aeration Tank Train 2

Construction Sequencing requires that Aeration Train 1 using blowers B-95-01 and B-95-02 must be in service before Aeration Train 2 can be taken out of service. Without the SWGD-95 the new blowers cannot be installed. Aeration Train 2 work is 21 weeks or work. This work cannot be started until September of 2024 after the new gear, blowers and startup of Train 1 and the rest of the phase one work.

In addition, the Engineer has informed us that NRP-30-01 and Mixer M-30-03 are required to be in service for Aeration Train 1 to be put into service. Morse Electric has revised their temporary power plan to provide this power in the next few weeks. They will use the a 200A feeder from an existing disconnect feeding the City Maintenance Garage. The Maintenance Garage feeder will remain in service. The cost to provide this is **\$7,532**.

We have also found that in order to construct the new Anaerobic Zone 2A/2B tank the existing Excess Flow pipe needs to be removed. In order to remove this the new Excess Flow pipe to structure 55 will need to go into service. JJH will cut into the existing excess flow pipe just east of the channel that connects structure 15 and 17 and add a manhole with pipe directing any excess flow to the channel just prior to structure 17. This will allow the excess flow to move into the new excess flow pipe from 17 to 55. The cost for this work is **\$5,957**.

JJH proposes to use the existing blowers and add temporary air piping to run Aeration train 1 so Aeration train 2 can be taken out of service. This work would be able to start this year instead of 2024. This shift of work would cost **\$12,628**.

70-Aerobic Digesters Blower Building

Morse Electric conducted an investigation as how to provide temporary power to Building 70. New PP-70 can be feed with an existing spare 600A feeder breaker. PP-70 is rated at 800 Amps so the temporary feed will not run everything at once. We would be able to startup and run two of the three blowers which in turn would allow us to remove the three existing blowers from building 95. This would provide enough room to install all 3 new B-95-01, -02 and -03 blowers and the associated piping. This work can now be scheduled for the fall of 2023 instead of the fall of 2024. This also allows the startup of the tertiary filters and the UV equipment. We need to verify that the 600A service is enough to run two blowers and the UV equipment. If so, we would could startup the UV in the spring of 2024 instead of startup in the fall of 2024. Starting up the UV equipment will also allow the demolition/installation of building 90 and the demolition



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of the chloring contact tanks. This can also allow us to revise the flow of the entire plant to go through the UV so that the flow goes through the new final clarifiers to the UV structure and out to the stream. This allows the demolition of the intermediate pump station and new work/painting in structure 60. JJH also has added scaffolding per Morse. The cost to provide this is **\$23,066**.

25- Primary Sludge Pumping Building

Morse Electric investigated how to provide temporary power to Building 25. The new MCC-25 can be fed off a 200A breaker in existing MCC-2 and be used to provide 200 A service. This work will allow the startup of the Primary Clarifiers for train 1 and give us access to complete the Primary Clarifiers in Train 2. The cost to provide this is **\$6,954**.

15- Preliminary Treatment Building

Morse Electric investigated how to provide temporary power to Building 15. If temporary power to 70 is accepted one of the 200 A breaker in existing MCC-2 and be used to provide 200 A service to 15. This will allow the startup and running to the mechanical screen and grit collector. This will also allow the cutover of the 20" RW line and the demolition of the existing screen and structure. This is key to getting the work completed after the switchgear arrives in April 24 to test all SCADA and Controls. The cost to provide this is **\$9,172**.

95- Control Building

Morse Electric investigated how to provide temporary power to Building 95. If temporary power to 70 is accepted one of the 200 A breaker in existing MCC-2 and be used to provide 200 A service to 95. This will be for startup purposes only and running minor loads under 100 A. The cost to provide this is **\$9,083**.

The attached revised Project Schedule shows that with accepting these proposed changes it will provide a substantial savings in time A time extension of **267 calendar days** to both the substantial and final completion is requested. The revised schedule has a September 24, 2024 Substantial completion date and final completion on February 6, 2025. This also shortens the required Builder's risk policy and direct cost durations to the contract from \$132,760 to **\$73,985**.



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To summarize:

Builders Risk/Direct cost	\$140,772	\$ 73,985
Temporary Air to 30		\$ 12,628
Temporary Electrical		\$ 55,984
Temporary EF MH @ 15		\$ 5,957
	<hr/>	<hr/>
	\$140,772	\$148,554

Time Extension	417 Cal days	267 Cal days
Substantial Completion	February 21, 2025	September 24, 2024
Final Completion	July 9, 2025	February 6, 2025

Thank you,

William Marshalla

William Marshalla
Director of Operations
Joseph J. Henderson & Son, Inc.
PH: 847-244-3222 FX: 847-244-957



Powering Business Worldwide

Eaton Corporation
W126N7250 Flint Dr.
53051

10/13/2022

Project: Revere PO# S4596998
Eaton GO#LCG0029475

Subject: Electrical Distribution Gear

Due to circumstances related to the global COVID-19 pandemic, unprecedented demand, and disruption in the supply chain for electronics, basic raw goods, and commodities like copper, resins, and plastics, Eaton continues to experience abnormally extended lead-times. While we are working diligently to offset these shortages and find alternative sources for key materials, we are still in a backlog situation with many of our products such as the breakers and components incorporated in the switchboard on this project.

The plant is continuing to review material availability and will make all efforts possible to maintain our delivery schedule, but please be aware unforeseen circumstances can and will occur.

Please stay in touch with Eaton and Revere on any new information that may become available for any changes to committed shipment dates.

We apologize for the delay and appreciate your continued business with us.

If you have any further questions or comments, please do not hesitate to reach out at any time.

Sincerely,

Michael Frunza

Michael Frunza

Lead Sales Engineer – Madison, WI
North American Sales, [Eaton](#)
Mobile: 262-232-3486
Email: MichaelFrunza@eaton.com

Manufacturer	Manufacturing Lead Time - After Approval	Drawings
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SIEMENS (remote mtd. ATS)	61 WKS	4-6 WKS
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SQ D	75WKS	4-6 WKS
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PDE (3rd. party) (remote mtd. ATS)	52 WKS	4-6 WKS
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ABB/GE	265 bus.days	4-6 WKS
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CHICAGO SWBD (3rd. Party)(remote mounted ATS)	52 - 62 WKS	4-6 WKS
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EATON Alternate Proposal. (from Alt. Plant)	SWGR by JUNE 23	4-6wks
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COST ADDER	Comments
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\$210,053 There would be additional costs to relocate conduits that have been installed per EATON layout. There would also be added labor for remote ATS

\$185,892.00 There would be additional costs to relocate conduits that have been installed per EATON layout

\$224,371 There would be additional costs to relocate conduits that have been installed per EATON layout. There would also be added labor for remote ATS

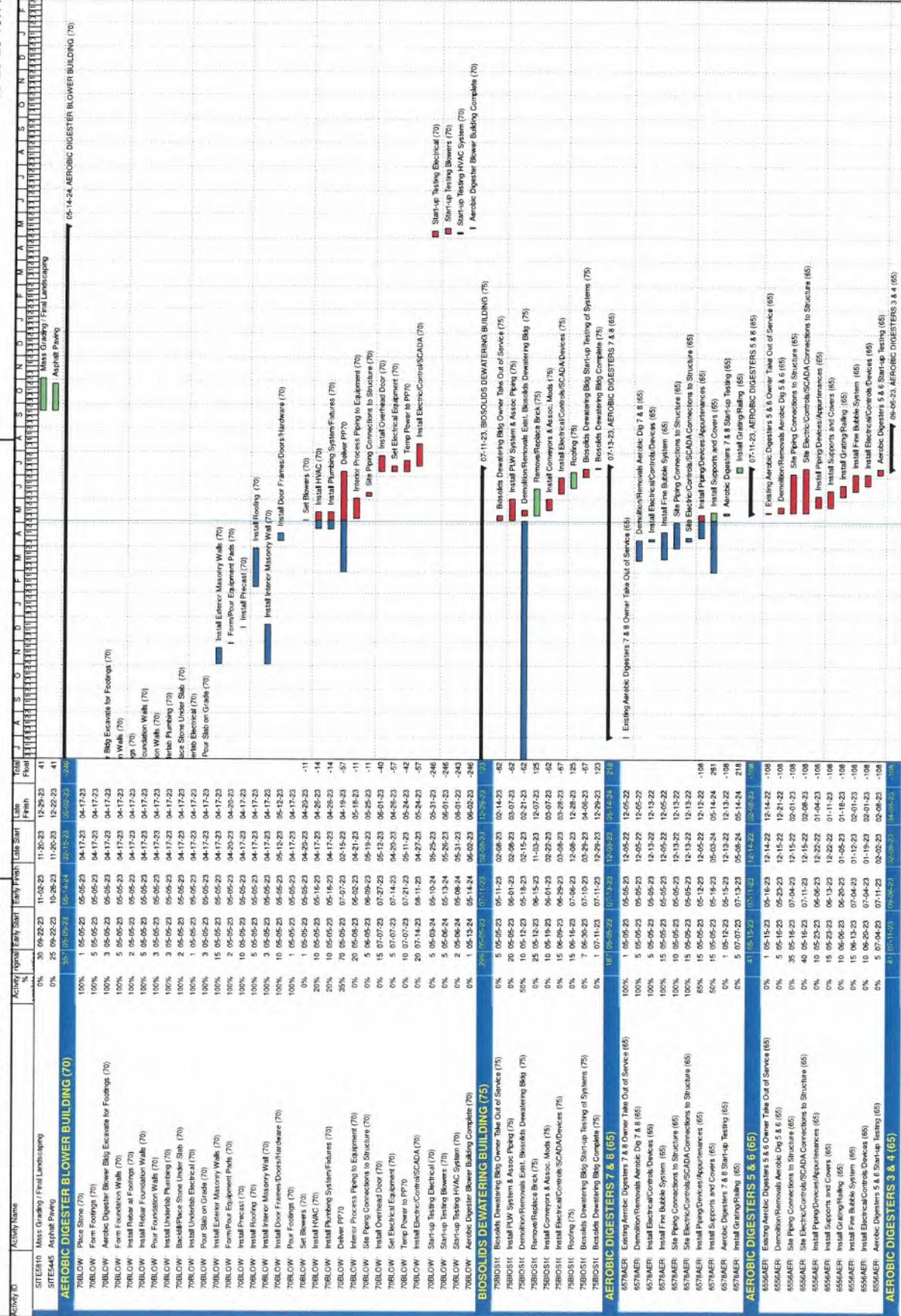
\$194,075 There would be additional costs to relocate conduits that have been installed per EATON layout

\$120,020 This would require a remote mtd ATS and there would be additional costs to relocate conduits that have been installed per EATON layout. There would also be added labor for remote mtd. ATS

\$96,512 The ATS controller is no less than 52weeks lead time. The SWGR could be energized but there would only be Manual Transfer Switch until the ATS Controller is delivered.

1400 - Bittersweet Water Reclamation Improvements May 23

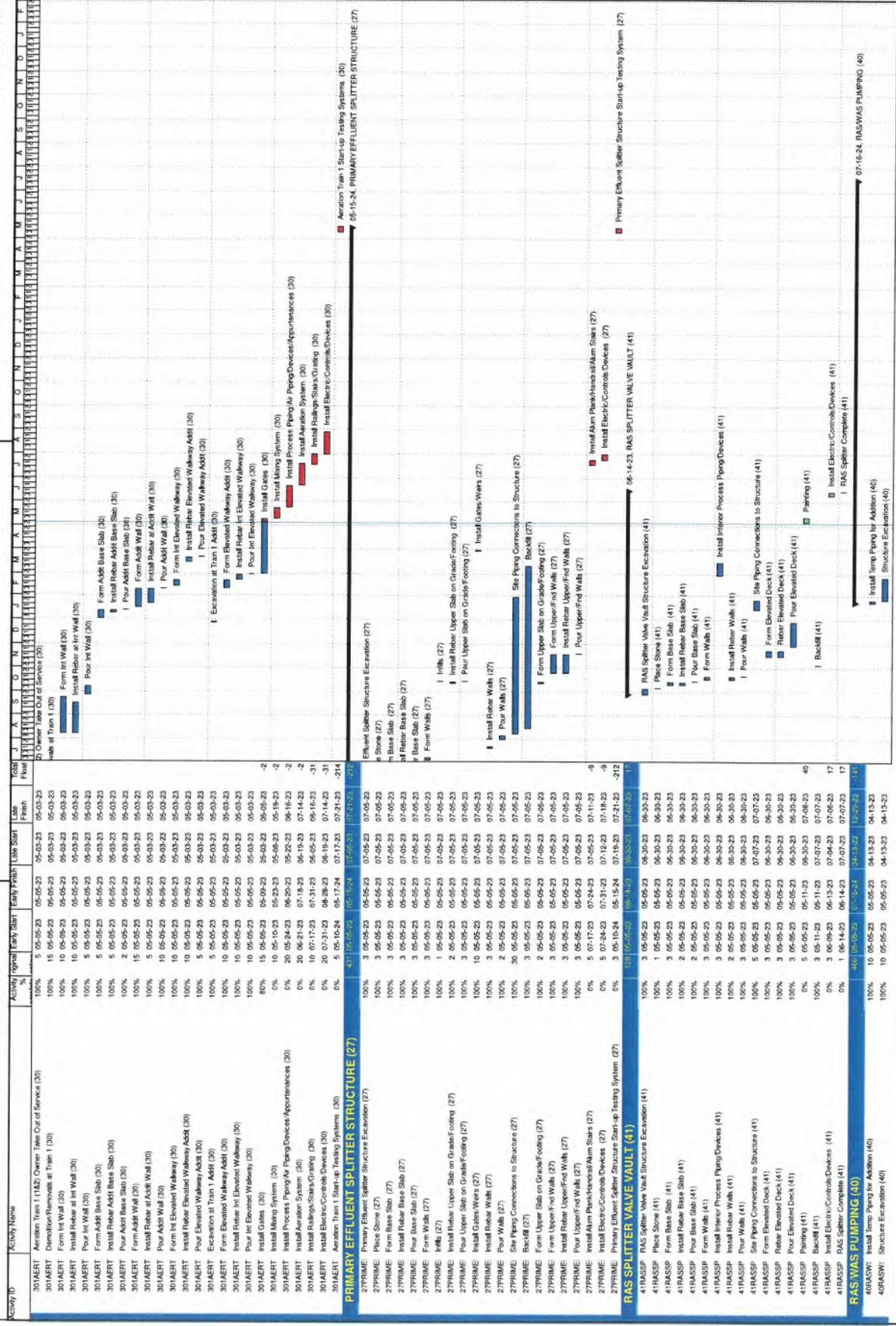
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Actual Work Remaining Work Critical Remaining ... Milestone

1400 - Bittersweet Water Reclamation Improvements May 23

05-23-23 15:11



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■ Actual Work
 ■ Remaining Work
 ■ Critical Remaining ...
 ◆ Milestone

1400 - Bittersweet Water Reclamation Improvements May 23

05-23-23 15:11

Activity ID	Activity Name	Actual	Original	Early Start	Early Finish	Task Start	Task Finish	Flow
2030CLAI	Install Rebar Slab (20)	0%	3	10-21-24	10-24-24	05-08-23	05-12-23	-291
2030CLAI	Pour Slab (20)	0%	3	10-24-24	10-26-24	05-11-23	05-15-23	-291
2030CLAI	Form Walls (20)	0%	3	10-29-24	11-01-24	05-16-23	05-20-23	-291
2030CLAI	Install 14" PFR in PFR Pipe	0%	3	11-01-24	11-01-24	05-18-23	05-20-23	-291
2030CLAI	Install Rebar Walk (20)	0%	3	11-01-24	11-06-24	05-21-23	05-25-23	-291
2030CLAI	Pour Walls (20)	0%	3	11-06-24	11-11-24	05-26-23	05-30-23	-291
2030CLAI	Install Trough (20)	0%	3	11-11-24	11-14-24	05-29-23	06-02-23	-291
2030CLAI	Install Grating (20)	0%	10	11-14-24	11-25-24	06-02-23	06-13-23	-291
2030CLAI	Install Rebar at Trough (20)	0%	3	11-14-24	11-16-24	06-04-23	06-06-23	-291
2030CLAI	Pour Slab at Trough (20)	0%	5	11-16-24	11-26-24	06-06-23	06-16-23	-291
2030CLAI	Install Handrails (20)	0%	10	11-26-24	12-10-24	06-13-23	06-24-23	-271
2030CLAI	Install Effluent Trough (20)	0%	10	11-26-24	12-10-24	06-13-23	06-27-23	-291
2030CLAI	Install Clarifier Equipment (20)	0%	15	12-10-24	12-31-24	06-20-23	06-27-23	-291
2030CLAI	Install Electrical Control Devices (20)	0%	10	12-31-24	01-14-25	06-27-23	06-28-23	-266
2030CLAI	Site Piping Connections to Structure (20)	0%	15	12-31-24	01-21-25	06-27-23	06-28-23	-291
2030CLAI	Painting (20)	0%	5	12-31-24	01-07-25	06-28-23	06-28-23	-291
2030CLAI	Primary Clarifier 344 Start-up Testing Equipment Devices (20)	0%	15	01-21-25	02-11-25	06-28-23	06-28-23	-291
EXCESS FLOW SPLITTER STRUCTURE (65)								
565DFW	Temporary RMS Cross Connection	0%	2	05-19-23	05-25-23	05-19-23	05-20-23	87
565DFW	Excess Flow Splitter Structure Excavation (55)	0%	3	05-23-23	05-25-23	05-21-23	05-25-23	87
565DFW	Place Stone (55)	0%	2	05-26-23	05-26-23	05-26-23	05-27-23	87
565DFW	Form Base Slab (55)	0%	2	05-30-23	05-31-23	05-28-23	05-29-23	87
565DFW	Install Rebar Base Slab (55)	0%	2	05-31-23	05-31-23	05-28-23	05-29-23	87
565DFW	Pour Base Slab (55)	0%	1	05-05-23	05-05-23	05-04-23	05-04-23	87
565DFW	Form Walls (55)	0%	5	05-06-23	05-12-23	05-05-23	05-11-23	87
565DFW	Install Rebar Walk (55)	0%	3	05-13-23	05-15-23	05-12-23	05-12-23	87
565DFW	Pour Walls (55)	0%	1	05-16-23	05-16-23	05-17-23	05-17-23	87
565DFW	Install Gates/Walls (55)	0%	5	05-19-23	05-25-23	05-18-23	05-24-23	87
565DFW	Site Piping Connections to Structure (55)	0%	2	05-28-23	05-29-23	05-28-23	05-28-23	87
565DFW	Backfill (55)	0%	1	05-28-23	05-29-23	05-28-23	05-28-23	87
565DFW	Form Star Foundation (55)	0%	1	05-28-23	05-28-23	05-28-23	05-28-23	120
565DFW	Install Rebar Star Foundation (55)	0%	1	05-29-23	05-29-23	05-29-23	05-29-23	119
565DFW	Pour Star Foundation (55)	0%	1	05-30-23	05-30-23	05-30-23	05-30-23	119
565DFW	Install Supports/Grating/Handrails/Alum Stairs (55)	0%	3	07-17-23	07-20-23	07-17-23	07-17-23	73
565DFW	Install Electric Control Devices (55)	0%	5	07-20-23	07-27-23	07-20-23	07-20-23	73
565DFW	Excess Flow Splitter Start-up Testing System (55)	0%	3	07-27-23	08-01-23	07-27-23	07-27-23	73
565DFW	Excess Flow Splitter Structure Complete (55)	0%	1	08-01-23	08-02-23	08-02-23	08-02-23	97
EXCESS FLOW CLARIFIERS NO 1 & 2 (60)								
601DFLU	Excess Flow Clarifiers 1 & 2 Owner Take Out of Service (60)	0%	5	10-18-24	10-25-24	05-28-23	11-12-23	-299
601DFLU	Cap Existing Trough and Plug Openings with Concrete (90)	0%	15	10-25-24	11-15-24	05-28-23	06-01-23	-299
601DFLU	Install Walls & Baffles (60)	0%	15	11-15-24	12-06-24	05-28-23	10-13-23	-299
601DFLU	Prepare & Paint Clarifier Equipment (60)	0%	15	12-06-24	12-27-24	05-28-23	10-16-23	-299
601DFLU	Excess Flow Clarifiers 1 & 2 In Service (60)	0%	5	12-27-24	01-09-25	11-06-23	11-16-23	-299
EXCESS FLOW CLARIFIER NO 3 (60)								
602DFLU	Excess Flow Clarifiers 3 Owner Take Out of Service (60)	0%	5	01-03-25	01-10-25	11-15-23	12-29-23	-299
602DFLU	Install Walls & Baffles (60)	0%	10	01-10-25	01-24-25	11-20-23	12-01-23	-299
602DFLU	Prepare & Paint Clarifier Equipment (60)	0%	15	01-24-25	02-14-25	12-04-23	12-22-23	-299
602DFLU	Excess Flow Clarifiers 3 In Service (60)	0%	5	02-14-25	02-21-25	12-25-23	12-29-23	-299
FIRST FLUSH HOLDING TANKS 1 & 2 (57)								
571RST	First Flush Tanks 1 & 2 Owner Take Out of Service (57)	0%	10	01-03-25	01-17-25	11-27-23	12-08-23	-289
571RST	Demolition/Removals (57)	0%	10	01-17-25	01-31-25	12-11-23	12-22-23	-289
571RST	Site Piping Connections to Structure (57)	0%	5	01-17-25	01-24-25	12-18-23	12-22-23	-284
571RST	First Flush Tanks 1 & 2 In Service (57)	0%	5	01-31-25	02-07-25	12-25-23	12-29-23	-289
CHEMICAL PHOSPHORUS REMOVAL BUILDING (90)								
90CHEM	Chemical Phosphorus Removal Bldg Owner Take Out of Service (90)	0%	5	05-14-24	05-21-24	05-07-23	05-11-23	-224
90CHEM	Demolition/Removals Excl. Chemical Phos Removal Bldg (90)	0%	15	05-21-24	07-12-24	05-14-23	05-21-23	-224
90CHEM	Install Rebar Slab at Containment (90)	0%	10	07-12-24	07-26-24	05-04-23	05-15-23	-224
90CHEM	Pour Slab at Containment (90)	0%	1	07-26-24	07-26-24	05-18-23	05-18-23	-224
90CHEM	Install Meshery Wall (90)	0%	3	07-29-24	08-01-24	05-19-23	05-21-23	-224
90CHEM	Install Trench/Supports (90)	0%	5	08-01-24	08-09-24	05-22-23	05-29-23	-224
90CHEM	Form Containment Wall (90)	0%	3	08-09-24	08-13-24	05-29-23	10-03-23	-224
90CHEM	Install Rebar at Containment Wall (90)	0%	2	08-13-24	08-15-24	10-04-23	10-05-23	-224
90CHEM	Pour Containment Wall (90)	0%	1	08-15-24	08-15-24	10-05-23	10-05-23	-224
90CHEM	Install Ladder/Grating/Misc Metals (90)	0%	5	08-16-24	08-25-24	10-05-23	10-13-23	-224
90CHEM	Install Fire Protection System (90)	0%	10	08-25-24	09-06-24	10-16-23	10-27-23	-224
90CHEM	Install HVAC System (90)	0%	10	08-25-24	09-06-24	10-16-23	10-27-23	-224
90CHEM	Install Process Piping (90)	0%	10	08-25-24	09-06-24	10-16-23	10-27-23	-224

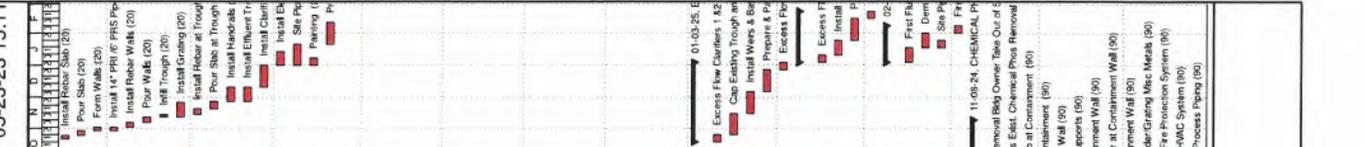
Actual Work █

Remaining Work █

Critical Remaining ◆

Milestone ◆

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05-23-23 15:11

06-02-23, EXCESS FLOW SPLITTER STRUCTURE (65)

- Temporary RMS Cross Connection
- Excess Flow Splitter Structure Excavation (55)
- Place Stone (55)
- Form Base Slab (55)
- Install Rebar Base Slab (55)
- Pour Base Slab (55)
- Form Walls (55)
- Install Rebar Walk (55)
- Pour Walls (55)
- Install Gates/Walls (55)
- Site Piping Connections to Structure (55)
- Backfill (55)
- Form Star Foundation (55)
- Install Rebar Star Foundation (55)
- Pour Star Foundation (55)
- Install Supports/Grating/Handrails/Alum Stairs (55)
- Install Electric Control Devices (55)
- Excess Flow Splitter Start-up Testing System (55)
- Excess Flow Splitter Structure Complete (55)

01-03-25, E

- Excess Flow Clarifiers 1 & 2
- Cap Existing Trough and Plug Openings with Concrete (90)
- Install Walls & Baffles (60)
- Prepare & Paint Clarifier Equipment (60)
- Excess Flow Clarifiers 1 & 2 In Service (60)
- Excess Flow Clarifiers 3 Owner Take Out of Service (60)
- Install Walls & Baffles (60)
- Prepare & Paint Clarifier Equipment (60)
- Excess Flow Clarifiers 3 In Service (60)

11-03-24, CHEMICAL PH

- Chemical Phosphorus Removal Bldg Owner Take Out of Service (90)
- Demolition/Removals Excl. Chemical Phos Removal Bldg (90)
- Install Rebar Slab at Containment (90)
- Pour Slab at Containment (90)
- Install Meshery Wall (90)
- Form Containment Wall (90)
- Install Rebar at Containment Wall (90)
- Pour Containment Wall (90)
- Install Ladder/Grating/Misc Metals (90)
- Install Fire Protection System (90)
- Install HVAC System (90)
- Install Process Piping (90)

INVOICE

For questions regarding your invoice please contact our billing department:
 E-mail: ariesbilling@ariesbuildings.com
 Phone: 281-448-2800

Invoice #	Amount Due	Due Date
286552	298.00	02/12/2023
PO #		Amount Enclosed
1400-6090075		
Please remit payment to: Aries Building Systems, LLC P.O. Box 95507 Chicago, IL 60694-5507		

Billed to:

JOSEPH J. HENDERSON & SON, INC.
 4288 Old Grand Avenue
 Gurnee, IL 60031

Delivered to:

JOSEPH J. HENDERSON & SON, INC.
 1150 Bittersweet Dr
 Bartlett, IL 60103

 Please detach and return top portion with your payment to ensure proper credit to your account. Thank you.

INVOICE

Aries Building Systems, LLC
P.O. Box 95507
Chicago, IL 60694-5507

Invoice Date: 01/12/2023
Invoice #: 286552
Due Date: 02/12/2023
Customer #: 29382
PO #: 1400-6090075

Federal ID # 46-1177375 The buyer agrees to pay all applicable state and municipal taxes on this transaction.

Billing Term	Description	Amount
Lease #:4222		
02/01/2023 thru 02/28/2023	Rent: Mobile Office 12x56, Complex 8052 SN: 6090075	268.00
02/01/2023 thru 02/28/2023	TOILET-STANDARD	30.00
		298.00
	Personal Property Expense:	
	Total:	298.00

INVOICE

For questions regarding your invoice please contact our billing department:
 E-mail: ariesbilling@ariesbuildings.com
 Phone: 281-448-2800

Invoice #	Amount Due	Due Date
286553	298.00	02/12/2023
PO #		Amount Enclosed
1400-6007706		
Please remit payment to: Aries Building Systems, LLC P.O. Box 95507 Chicago, IL 60694-5507		

Billed to:

JOSEPH J. HENDERSON & SON, INC.
 4288 Old Grand Avenue
 Gurnee, IL 60031

Delivered to:

JOSEPH J. HENDERSON & SON, INC.
 1150 Bittersweet Dr
 Bartlett, IL 60103

 Please detach and return top portion with your payment to ensure proper credit to your account. Thank you.

INVOICE

Aries Building Systems, LLC
P.O. Box 95507
Chicago, IL 60694-5507

Invoice Date: 01/12/2023
Invoice #: 286553
Due Date: 02/12/2023
Customer #: 29382
PO #: 1400-6007706

Federal ID # 46-1177375 The buyer agrees to pay all applicable state and municipal taxes on this transaction.

Billing Term	Description	Amount
Lease #:4225		
02/01/2023 thru 02/28/2023	Rent: Mobile Office 12x56, Complex 8319 SN: 6007706	268.00
02/01/2023 thru 02/28/2023	TOILET-STANDARD	30.00
		298.00
	Personal Property Expense:	
	Total:	298.00



For questions regarding your invoice please contact our billing department:
 E-mail: ariesbilling@ariesbuildings.com
 Phone: 281-448-2800

INVOICE

Invoice #	Amount Due	Due Date
286627	248.00	02/12/2023
PO #		Amount Enclosed
1341-00 / 1400-6006608		
Please remit payment to:		
Aries Building Systems, LLC		
P.O. Box 95507		
Chicago, IL 60694-5507		

Billed to:

JOSEPH J. HENDERSON & SON, INC.
 4288 Old Grand Avenue
 Gurnee, IL 60031

Delivered to:

JOSEPH J. HENDERSON & SON, INC.
 1150 Bittersweet Dr
 Bartlett, IL 60103

 Please detach and return top portion with your payment to ensure proper credit to your account. Thank you.

INVOICE



Aries Building Systems, LLC
P.O. Box 95507
Chicago, IL 60694-5507

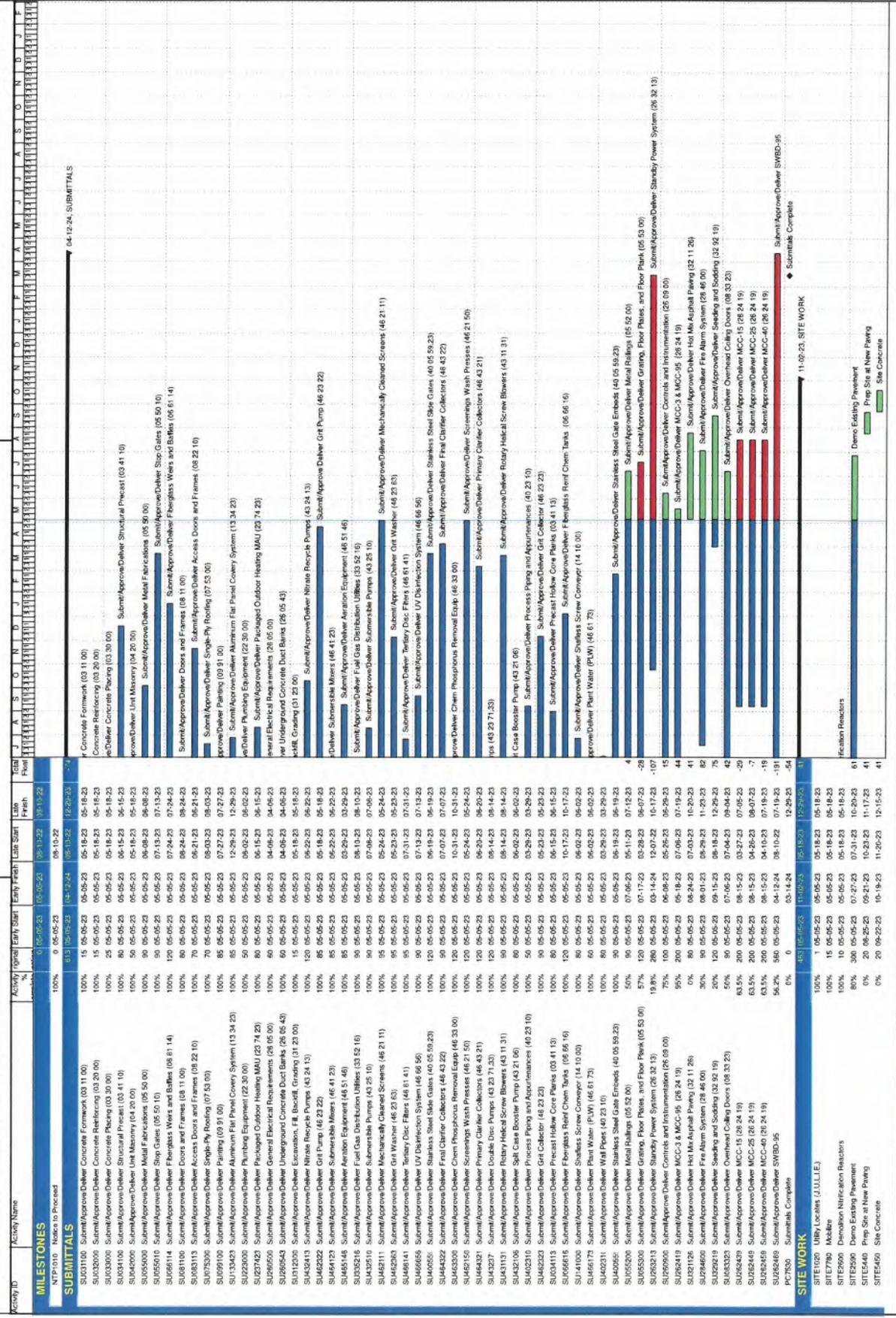
Invoice Date: 01/12/2023
Invoice #: 286627
Due Date: 02/12/2023
Customer #: 29382
PO #: 1341-00 / 1400-6006608

Federal ID # 46-1177375 The buyer agrees to pay all applicable state and municipal taxes on this transaction.

Billing Term	Description	Amount
Lease #:4530		
02/01/2023 thru 02/28/2023	Rent: Mobile Office 12x56, Step 26071 SN: JS128	19.00
02/01/2023 thru 02/28/2023	Rent: Mobile Office 12x56, Step 26072 SN: JS129	19.00
02/01/2023 thru 02/28/2023	Rent: Mobile Office 12x56, Complex 8309 SN: 6006608	210.00
		248.00
	Personal Property Expense:	
	Total:	248.00

1400 - Bittersweet Water Reclamation Improvements Time

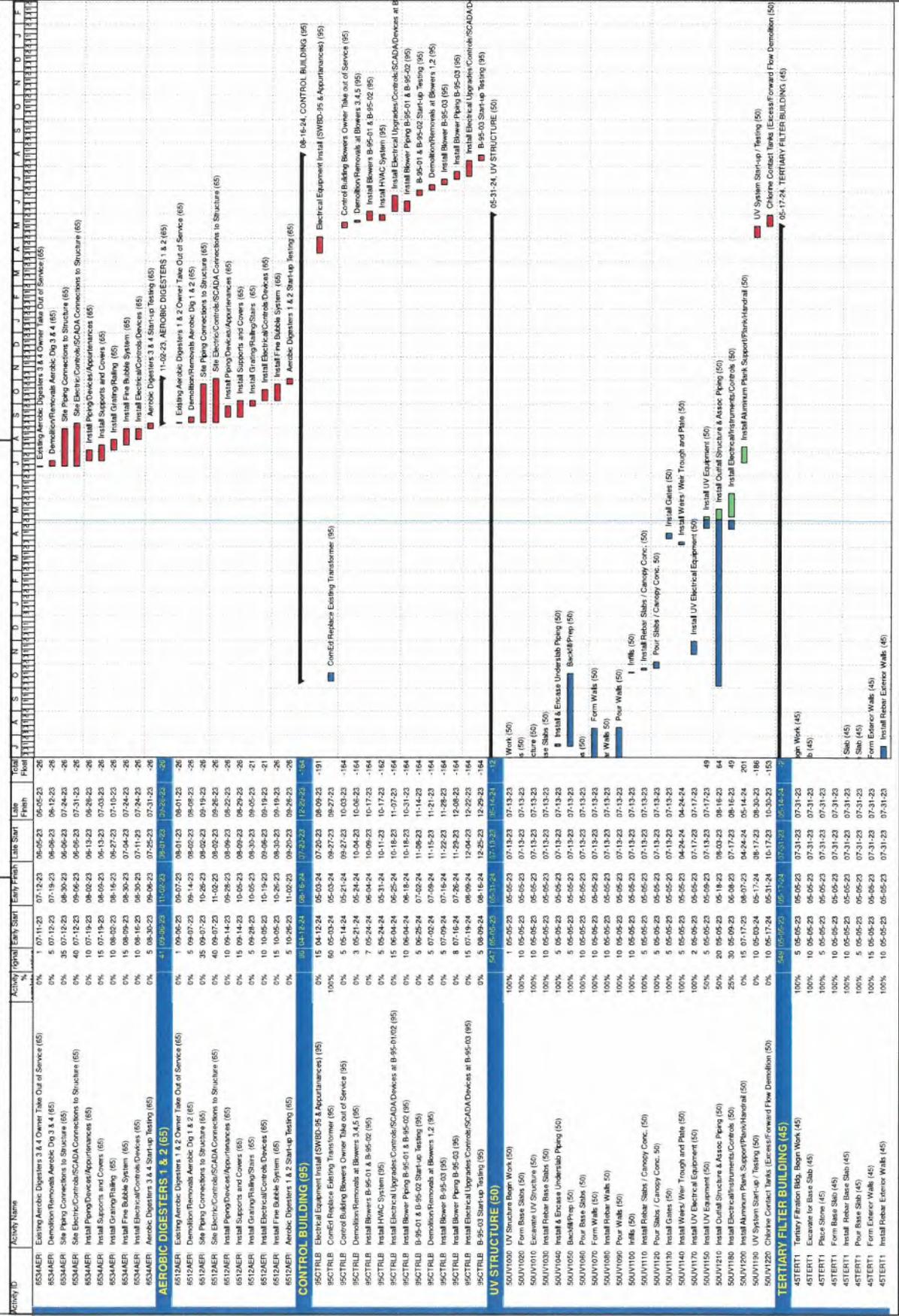
05-23-23 14:50



█ Actual Work
 █ Remaining Work
 █ Critical Remaining ...
 ◆ Milestone

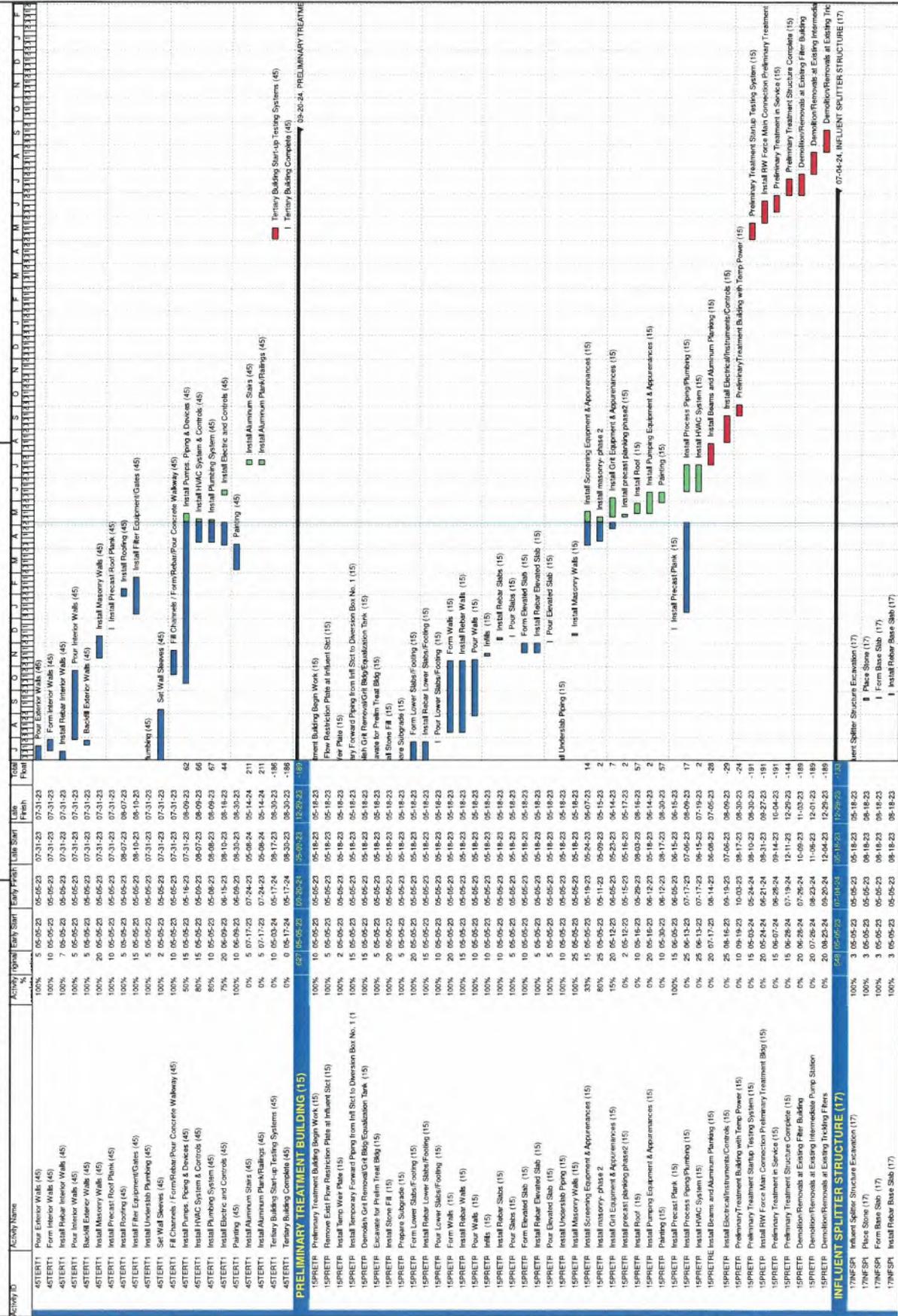
1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50



1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50



■ Actual Work
 ■ Remaining Work
 ◆ Critical Remaining
 ◆ Milestone

1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50

Activity ID	Activity Name	Actual	Original	Early Start	Early Finish	Sub Start	Sub Finish	Est. Fluid	Calendar
17NE-SPI	Pour Base Slab (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Form Walls (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Install Rebar Elevated Slab (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Pour Elevated Slab (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Install Gates/Wells (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Form Walls (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Install Rebar Walls (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Site Piping Connections to Structure PRI - PRF (17)	100%	3	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
17NE-SPI	Install Aluminum Plank/Handrail (17)	0%	3	07-20-23	07-20-23	08-25-23	08-25-23	08-25-23	08-25-23
17NE-SPI	Install Electric/Control Devices (17)	0%	3	07-20-23	07-20-23	08-25-23	08-25-23	08-25-23	08-25-23
17NE-SPI	Influent Siphon Start Start-Up Testing System (17)	0%	3	07-25-23	07-25-23	08-25-23	08-25-23	08-25-23	08-25-23
17NE-SPI	Connect PRF to Influent Siphon Structure (17)	0%	2	06-29-24	07-02-24	12-26-23	12-27-23	-133	06-29-24
17NE-SPI	Influent Siphon Structure Complete (17)	0%	2	07-02-24	07-02-24	12-26-23	12-26-23	-133	07-02-24
PRIMARY SLUDGE PUMPING BUILDING (25)									
25PR-SPL	Primary Sludge Pumping Building Start Work (25)	100%	0	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Excavate at Sludge Pump Bldg (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Form Walls (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Install Rebar Walls (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Install Underdrain Pumping (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Backfill/Pave Stone Under Slab (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Pour Base Slab (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Form Base Slab (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Install Rebar Base Slab (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Form Elevated Deck/Beams (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Rebar Elevated Deck/Beams (25)	100%	10	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Pour Elevated Deck/Beams (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Form Elevated Deck/Beams (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Rebar Elevated Deck/Beams (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Pour Elevated Deck/Beams (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Install Lower Masonry Wall (25)	100%	5	05-05-23	05-05-23	05-19-23	05-19-23	05-19-23	05-19-23
25PR-SPL	Set Primary Sludge Pumps (25)	100%	5	05-05-23	05-05-23	05-14-23	05-14-23	05-14-23	05-14-23
25PR-SPL	Install Process Piping/Associated Devices (25)	100%	15	05-05-23	05-05-23	05-14-23	05-14-23	05-14-23	05-14-23
25PR-SPL	Install Upper Masonry Walls (25)	100%	25	05-05-23	05-05-23	05-07-23	05-07-23	05-07-23	05-07-23
25PR-SPL	Set Conc. Precast Panels (25)	100%	10	05-05-23	05-05-23	05-07-23	05-07-23	05-07-23	05-07-23
25PR-SPL	Site Piping Connections to Structure (25)	100%	10	05-05-23	05-05-23	05-24-23	05-24-23	05-24-23	05-24-23
25PR-SPL	Install Roofing (25)	100%	10	05-05-23	05-05-23	05-07-23	05-07-23	05-07-23	05-07-23
25PR-SPL	Install HVAC System (25)	100%	15	05-05-23	05-05-23	05-14-23	05-14-23	05-14-23	05-14-23
25PR-SPL	Install Scum Wet Well Valve/Pipe/Appurtenances (25)	100%	20	05-05-23	05-05-23	05-24-23	05-24-23	05-24-23	05-24-23
25PR-SPL	Install Stairs (25)	0%	10	07-07-23	07-07-23	08-19-23	08-22-23	08-22-23	08-22-23
25PR-SPL	Install Doors (25)	100%	5	07-20-23	07-20-23	08-24-23	08-24-23	08-24-23	08-24-23
25PR-SPL	Painting (25)	100%	5	07-20-23	07-20-23	08-31-23	08-31-23	08-31-23	08-31-23
25PR-SPL	Set Electrical Equipment (25)	0%	5	06-16-23	06-22-23	06-07-23	06-07-23	06-14-23	-7
25PR-SPL	Install Electric/Controls (25)	0%	15	06-23-23	06-41-23	05-14-23	05-23-23	05-23-23	-7
25PR-SPL	Primary Sludge Pump Bldg Start-Up Testing Systems (25)	0%	5	05-03-24	05-19-24	05-24-23	05-24-23	05-24-23	-181
PRIMARY CLARIFIERS NO 1 & NO 2 (20)									
20PR-CL	Excit Clarifiers 1 & 2 Owner Take Out of Service (20)	100%	5	05-05-23	05-05-23	05-20-23	05-20-23	05-20-23	05-20-23
20PR-CL	Demolition/Removals at Existing (20)	100%	15	05-05-23	05-05-23	05-20-23	05-20-23	05-20-23	05-20-23
20PR-CL	Prep Subgrade (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Form Slab (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Install Rebar Slab (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Pour Slab (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Form Walls (20)	100%	15	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Install Rebar Walls (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Pour Walls (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Install 14" PRI 8' PRS Pipe Stiles (20)	100%	3	05-05-23	05-05-23	07-13-23	07-13-23	07-13-23	07-13-23
20PR-CL	Install Trough (20)	100%	3	05-05-23	05-05-23	06-20-23	06-20-23	06-20-23	06-20-23
20PR-CL	Form Slab at Trough (20)	100%	3	05-05-23	05-05-23	06-20-23	06-20-23	06-20-23	06-20-23
20PR-CL	Install Rebar at Trough (20)	100%	3	05-05-23	05-05-23	06-20-23	06-20-23	06-20-23	06-20-23
20PR-CL	Form Effluent Trough Wall (20)	100%	5	05-05-23	05-05-23	07-27-23	07-27-23	07-27-23	07-27-23
20PR-CL	Install Rebar at Effluent Trough (20)	100%	5	05-05-23	05-05-23	07-27-23	07-27-23	07-27-23	07-27-23
20PR-CL	Pour Wall at Effluent Trough (20)	100%	5	05-05-23	05-05-23	07-27-23	07-27-23	07-27-23	07-27-23
20PR-CL	Form Effluent Trough (20)	100%	15	05-05-23	05-05-23	06-20-23	06-20-23	06-20-23	06-20-23
20PR-CL	Install Primary Clarifier Equipment (20)	0%	10	07-17-23	07-31-23	07-13-23	07-31-23	08-09-23	59
20PR-CL	Install Grating (20)	0%	10	07-31-23	08-14-23	07-13-23	07-31-23	08-09-23	-3
20PR-CL	Install Handrails (20)	0%	10	07-31-23	08-14-23	08-19-23	08-19-23	08-09-23	-3
20PR-CL	Site Piping Connections to Structure (20)	0%	10	07-31-23	08-14-23	08-19-23	08-19-23	08-23-23	7
20PR-CL	Painting (20)	0%	10	06-14-23	06-26-23	05-19-23	05-23-23	05-23-23	-3
20PR-CL	Install Electrical/Control Devices (20)	0%	5	05-03-24	05-19-24	05-24-23	05-24-23	05-24-23	-181

05-19-24 PRIMARY SLUDGE PUMPING BUILDING (25)

05-19-24 PRIMARY CLARIFIERS NO 1 & NO 2 (20)

Primary Sludge Pump Bldg Start-Up Testing Systems (25)

Primary Clarifiers 1&2 Start-Up Testing Equipment/Devices (20)

1 & 2 Owner Take Out of Service (20)

Removals at Existing (20)

Prep Subgrade (20)

Form Slab (20)

Install Rebar Slab (20)

Pour Slab (20)

Form Walls (20)

Install Rebar Walls (20)

Pour Walls (20)

Install 14" PRI 8' PRS Pipe Stiles (20)

Install Trough (20)

Form Effluent Trough (20)

Install Rebar at Effluent Trough (20)

Pour Wall at Effluent Trough (20)

Form Effluent Trough Wall (20)

Install Rebar at Trough (20)

Form Slab at Trough (20)

Install Primary Clarifier Equipment (20)

Install Effluent Trough (20)

Install Grating (20)

Install Handrails (20)

Painting (20)

Site Piping Connections to Structure (20)

Set Electrical Equipment (20)

Install Electric/Controls (20)

Primary Clarifiers 1&2 Start-Up Testing Equipment/Devices (20)

Actual Work

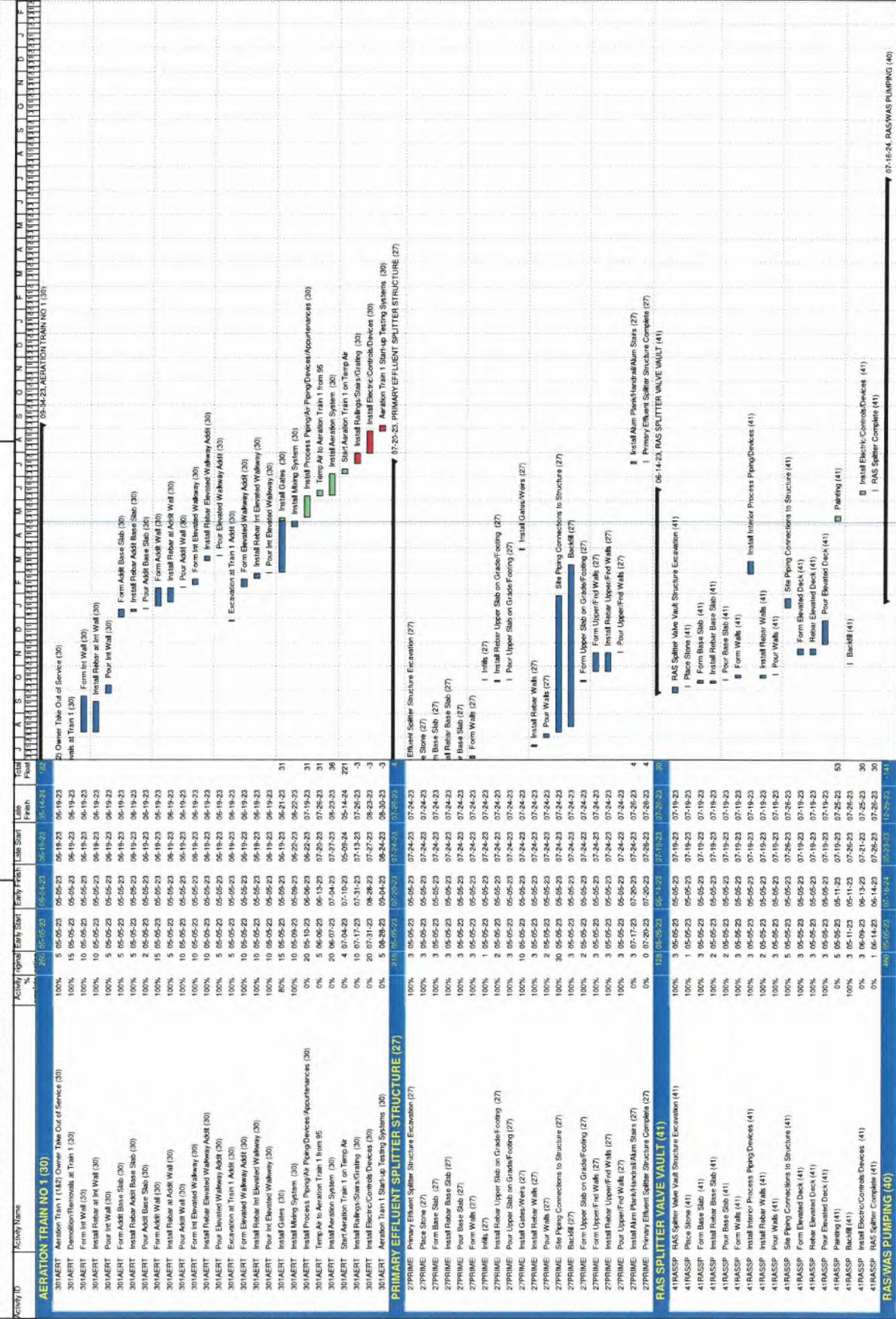
Remaining Work

Critical Remaining ...

Milestone

1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50



■ Actual Work
 ■ Remaining Work
 ■ Critical Remaining ...
 ◆ Milestone

07-18-24, RASWAS PUMPING (40)

1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50

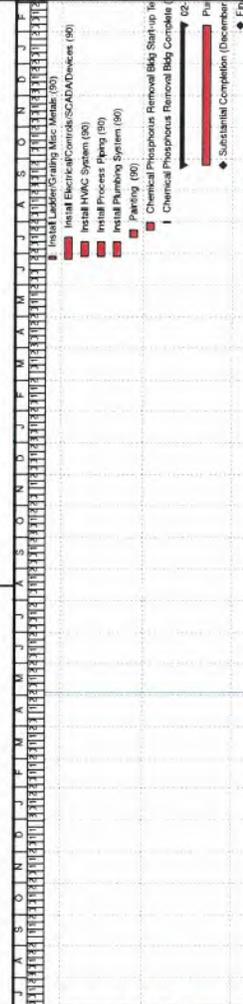
Activity ID	Activity Name	Actual	Open	Early Start	Early Finish	Late Start	Late Finish	Days
200ACIAI	Demolition Removals at Existing (20)	0%	10	05-13-24	05-27-24	05-11-23	05-22-23	-175
200ACIAI	Prep Subgrade (20)	0%	3	05-27-24	05-30-24	05-25-23	05-27-23	-175
200ACIAI	Form Slab (20)	0%	3	05-30-24	06-04-24	05-26-23	10-02-23	-175
200ACIAI	Install Rebar Slab (20)	0%	3	06-04-24	06-07-24	10-03-23	10-05-23	-175
200ACIAI	Pour Slab (20)	0%	3	06-07-24	06-12-24	10-06-23	10-10-23	-175
200ACIAI	Form Walls (20)	0%	3	06-12-24	06-17-24	10-11-23	10-13-23	-175
200ACIAI	Install Rebar Walls (20)	0%	3	06-17-24	06-20-24	10-16-23	10-18-23	-175
200ACIAI	Pour Walls (20)	0%	3	06-20-24	06-25-24	10-19-23	10-23-23	-175
200ACIAI	Install Trough (20)	0%	3	06-25-24	06-28-24	10-24-23	10-26-23	-175
200ACIAI	Install Grating (20)	0%	3	06-28-24	07-03-24	11-03-23	11-07-23	-167
200ACIAI	Install Rebar at Trough (20)	0%	3	06-28-24	07-03-24	11-03-23	10-31-23	-175
200ACIAI	Pour Slab at Trough (20)	0%	5	07-03-24	07-10-24	11-01-23	11-07-23	-175
200ACIAI	Install Handrails (20)	0%	10	07-10-24	07-24-24	11-27-23	12-08-23	-162
200ACIAI	Install Effluent Trough (20)	0%	3	07-10-24	07-15-24	11-08-23	11-10-23	-175
200ACIAI	Install Clarifier Equipment (20)	0%	20	07-15-24	08-13-24	11-13-23	12-08-23	-175
200ACIAI	Site Piping Connections to Structure (20)	0%	15	07-15-24	08-05-24	12-04-23	12-22-23	-160
200ACIAI	Install Electrical/Control Devices (20)	0%	10	08-12-24	08-26-24	12-11-23	12-22-23	-175
200ACIAI	Painting (20)	0%	5	08-12-24	08-19-24	12-18-23	12-22-23	-170
200ACIAI	Primary Clarifier 3M Start-Up Testing Equipment/Devices (20)	0%	5	08-26-24	09-02-24	12-25-23	12-29-23	-175
EXCESS FLOW SPLITTER STRUCTURE (65)								
500EPWI	Temporary RMS Cross Connection	0%	2	05-19-23	05-22-23	10-02-23	10-03-23	96
500EPWI	Excess Flow Splitter Structure Excavation (55)	0%	3	05-23-23	05-25-23	10-04-23	10-06-23	96
500EPWI	Place Stone (55)	0%	2	05-26-23	05-29-23	10-06-23	10-10-23	96
500EPWI	Form Base Slab (55)	0%	2	05-30-23	05-31-23	10-11-23	10-12-23	96
500EPWI	Install Rebar Base Slab (55)	0%	2	06-01-23	06-02-23	10-13-23	10-16-23	96
500EPWI	Pour Base Slab (55)	0%	1	06-05-23	06-05-23	10-17-23	10-17-23	96
500EPWI	Form Walls (55)	0%	5	06-05-23	06-12-23	10-18-23	10-24-23	96
500EPWI	Install Rebar Walls (55)	0%	3	06-13-23	06-15-23	10-25-23	10-27-23	96
500EPWI	Pour Walls (55)	0%	1	06-16-23	06-16-23	10-30-23	10-30-23	96
500EPWI	Install Gages Weirs (55)	0%	5	06-19-23	06-20-23	10-31-23	11-05-23	96
500EPWI	Site Piping Connections to Structure (55)	0%	5	06-19-23	06-23-23	11-14-23	11-20-23	108
500EPWI	Backfill (55)	0%	2	06-26-23	06-27-23	11-07-23	11-08-23	96
500EPWI	Backfill (55)	0%	1	06-26-23	06-26-23	12-15-23	12-15-23	124
500EPWI	Form Star Foundation (55)	0%	1	06-29-23	06-29-23	12-18-23	12-18-23	123
500EPWI	Install Rebar Star Foundation (55)	0%	1	06-29-23	06-29-23	12-19-23	12-19-23	125
500EPWI	Pour Star Foundation (55)	0%	1	06-30-23	06-30-23	12-20-23	12-20-23	123
500EPWI	Install Supports/Gating/Handrail/Alum Slats (55)	0%	3	07-17-23	07-20-23	11-09-23	11-13-23	82
500EPWI	Install Electrical/Control Devices (55)	0%	5	07-20-23	07-27-23	11-14-23	11-20-23	82
500EPWI	Excess Flow Splitter Start-Up Testing System (55)	0%	3	07-27-23	08-01-23	11-21-23	11-23-23	82
500EPWI	Excess Flow Splitter Structure Complete (55)	0%	1	08-01-23	08-02-23	12-21-23	12-21-23	101
EXCESS FLOW CLARIFIERS NO 1 & 2 (60)								
601EDFL	Excess Flow Clarifiers 1 & 2 Owner Take Out of Service (60)	0%	5	05-28-24	07-05-24	10-05-23	10-17-23	-181
601EDFL	Cap Existing Trough and Plug Openings with Concrete (60)	0%	10	07-05-24	07-19-24	10-12-23	10-26-23	-191
601EDFL	Install Weirs & Baffles (60)	0%	5	07-19-24	07-26-24	10-26-23	11-01-23	-191
601EDFL	Prepare & Paint Clarifier Equipment (60)	0%	15	07-26-24	08-16-24	11-02-23	11-26-23	-191
601EDFL	Excess Flow Clarifiers 1 & 2 In Service (60)	0%	1	08-16-24	08-19-24	11-28-23	11-28-23	-191
EXCESS FLOW CLARIFIER NO 3 (60)								
603EXFLU	Excess Flow Clarifiers 3 Owner Take Out of Service (60)	0%	20	05-15-23	05-25-23	11-24-23	12-25-23	-191
603EXFLU	Install Weirs & Baffles (60)	0%	5	08-19-24	08-26-24	11-24-23	11-30-23	-191
603EXFLU	Prepare & Paint Clarifier Equipment (60)	0%	5	08-26-24	09-02-24	12-01-23	12-07-23	-191
603EXFLU	Excess Flow Clarifiers 3 In Service (60)	0%	15	09-02-24	09-29-24	12-06-23	12-28-23	-191
FIRST FLUSH HOLDING TANKS 1 & 2 (57)								
571FHSIT	First Flush Tanks 1 & 2 Owner Take Out of Service (57)	0%	11	08-19-24	09-09-24	12-19-23	12-29-23	-176
571FHSIT	Demolition Removals (57)	0%	5	08-19-24	08-26-24	12-15-23	12-21-23	-176
571FHSIT	Site Piping Connections to Structure (57)	0%	5	08-26-24	09-02-24	12-22-23	12-28-23	-176
571FHSIT	First Flush Tanks 1 & 2 In Service (57)	0%	1	09-02-24	09-02-24	12-29-23	12-29-23	-176
CHEMICAL PHOSPHORUS REMOVAL BUILDING (90)								
90CHEM1	Install Fire Protection System (90)	0%	15	08-02-23	08-22-23	11-24-23	12-14-23	82
90CHEM1	Chemical Phosphorus Removal Bldg Owner Take Out of Service (90)	0%	1	05-31-24	06-03-24	10-31-23	10-31-23	-150
90CHEM1	Demolition Removals Excl. Chemical Phos Removal Bldg (90)	0%	5	06-03-24	06-10-24	11-01-23	11-07-23	-153
90CHEM1	Install Rebar Slab at Containment (90)	0%	2	06-10-24	06-12-24	11-08-23	11-09-23	-153
90CHEM1	Pour Slab at Containment (90)	0%	1	06-13-24	06-13-24	11-16-23	11-16-23	-153
90CHEM1	Install Masonry Wall (90)	0%	3	06-13-24	06-18-24	11-13-23	11-15-23	-153
90CHEM1	Install Tank-Supports (90)	0%	2	06-18-24	06-20-24	11-16-23	11-17-23	-153
90CHEM1	Form Containment Wall (90)	0%	2	06-20-24	06-24-24	11-20-23	11-21-23	-153
90CHEM1	Install Rebar at Containment Wall (90)	0%	1	06-24-24	06-25-24	11-22-23	11-23-23	-153
90CHEM1	Pour Containment Wall (90)	0%	1	06-25-24	06-26-24	11-23-23	11-23-23	-153

█ Actual Work
 █ Remaining Work
 █ Critical Remaining ...
 ◆ Milestone

1400 - Bittersweet Water Reclamation Improvements Time

05-23-23 14:50

Activity ID	Activity Name	Activity %	Overall %	Early Start	Early Finish	Late Start	Late Finish	Total Float	
910CHEM1	Install Leader-Grating Mec Metals (90)	0%	2	06-26-24	06-26-24	11-29-23	11-30-23	-150	
910CHEM1	Install Electrical/Control/SCADA/Devices (90)	0%	15	06-26-24	07-17-24	11-24-23	12-14-23	-153	
910CHEM1	Install HVAC System (90)	0%	10	06-28-24	07-12-24	12-01-23	12-14-23	-150	
910CHEM1	Install Process Piping (90)	0%	10	06-28-24	07-12-24	12-01-23	12-14-23	-150	
910CHEM1	Install Plumbing System (90)	0%	10	06-28-24	07-12-24	12-01-23	12-21-23	-145	
910CHEM1	Painting (90)	0%	5	07-17-24	07-24-24	12-08-23	12-21-23	-153	
910CHEM1	Chemical Phosphorus Removal Bkg Start-Up (90)	0%	5	07-24-24	07-31-24	12-22-23	12-26-23	-153	
910CHEM1	Chemical Phosphorus Removal Bkg Complete (90)	0%	1	07-31-24	08-01-24	12-29-23	12-29-23	-153	
CLOSEOUT									
PC1000	Punchlist/Closeout	0%	97	09-24-24	02-06-25	01-01-24	05-14-24	-191	
PC1020	Substantial Completion (December 31, 2023)	0%	0				12-31-23	-191	
PC1000	Final Completion (May 15, 2024)	0%	0				05-14-24	-191	



■ Actual Work
 ■ Critical Remaining ...
 ■ Remaining Work
 ◆ Milestone

ESTIMATE SHEET

JOB: 1400-00	CONTRACTOR: JJH	ESTIMATE NO.:
LOCATION: BARTLETT BITTERSWEET WWTP	ENGINEER: SAI	DATE: 06/23/23
ESTIMATOR: BM	CHECKED BY:	BID DATE:

PHASE	DESCRIPTION	QTY.	UNIT	@	MATERIAL/Equipment	HOURS	SUBC/MISC	TOTAL
	TEMPORARY AIR CONNECTION AT 30							-
	Pipefitters	2	DAY	/ 16.00	-	32.00		3,680.00
	Operator	2	DAY	/ 8.00	-	16.00		1,840.00
	Mini Case Excavator	2	DAY	250.00 / 0.00	500.00	-		500.00
	Welder	2	DAY	85.00 / 0.00	170.00	-		170.00
								-
	12" Carbon steel pipe/fittings			/	3,990.96		-	3,990.96
	12" SS Temp air connection flange			/	800.00	-	-	800.00
				/	-	-		-
	TEMPORARY EXCESS FLOW MH/DIVERSION							
	Pipefitter/Laborer	2	DAY	/ 10.00	-	20.00		2,300.00
	Operator	2	DAY	/ 6.00	-	12.00		1,380.00
	Mini Case Excavator	2	DAY	250.00 / 0.00	500.00	-		500.00
	Manhole/Pipe/Misc	1	LS		1,000.00			1,000.00
				/	-			-
				/	-			-
				/	-			-
				/	-			-
				/	-			-
				/	-			-
				/	-			-
					6,960.96	80.00	-	16,160.96
	Composite rate of Operators/Carpenters/Finishers/Laborers					115.00		
				LABOR		9,200.00		
				MATERIAL		6,960.96		
				SUBCONTRACTORS		-		
				SUB-TOTAL		16,160.96		
		16,160.96		15% OH&P JJH		2,424.14		
				TOTAL CHANGE ORDER		18,585.10		



PORTER PIPE & SUPPLY[®]

PARTNERSHIP WITH PURPOSE[®]

Quote: 12595153-00



Addison, Illinois
Indianapolis, Indiana
Chicago, Illinois
Hammond, Indiana
Rockford, Illinois

Phone: 630-543-8145
Phone: 463-207-1500
Phone: 312-347-1600
Phone: 219-844-1900
Phone: 815-506-7476

Fax: 630-543-6830
Fax: 463-207-1501
Fax: 312-347-0255
Fax: 219-844-9045
Fax: 815-280-4799

Entered Date
5/23/23

Promised Date
5/24/23

Requested Date
5/24/23

Printed Time
12:04 PM

Placed By
JASON TWIDDY

Sales Rep In
SLH - Shawn L. Hansen

Sales Rep Out
RZ - Ron Ziss

Expired Date
6/22/23

Customer #
6068

Customer Name
JOSEPH J. HENDERSON &
SON, INC

PO #
QUOTE 1400-00

Bill To
JOSEPH J. HENDERSON & SON, INC
4288 OLD GRAND AVENUE
GURNEE, IL 60031

Ship To
JOSEPH J. HENDERSON & SON, INC
4288 OLD GRAND AVENUE
GURNEE, IL 60031

Correspondence To
Porter Pipe & Supply
PO Box 7051
Carol Stream, IL 60197-7051

Instructions

Ship Point
401 Addison - Porter Pipe

Via
OUR TRUCK

Shipped

Terms
Net 30 Days

Reference
BID

Notes

Line	Product and Description	Order Quantity	Shipped Quantity	Backorder Quantity	Qty UM	List Price	Net Price	Net Amount
1	12ERWI 12 STD .375WL BLK A53 ERW PE IMPORT	63	63	0	FT	0.00	53.68	3,381.84
2	12W90G 12 CS WELD STD LR 90 ELL B16.9 A234 WPB IMP	2	2	0	EA	901.52	233.34	466.68
3	12SOG 12 150 CS FLG RF SLIP-ON B16.5 A105 IMP	1	1	0	EA	362.22	93.76	93.76
4	12NBGZ 12" 150# NBG SET ZINC	1	1	0	EACH	81.12	48.68	48.68

4	Lines Total	Total Shipped	67				Subtotal	3,990.96
							Taxes	0.00
							Total	3,990.96
							Total Weight	3,432

***** All non-stock material is non-cancellable, non-returnable, and freight will apply.**
ALL RETURNED MATERIAL MUST BE ACCOMPANIED WITH A PORTER PIPE RETURN AUTHORIZATION NUMBER FOR CREDIT TO BE ISSUED.
FINANCE CHARGES WILL BE APPLIED TO ALL LATE PAYMENTS.

From all of us at Porter Pipe, we thank you for this order and the opportunity to be your supplier partner!

PROPOSED CHANGE ORDER



Client Address:

CCN # RFCO9_TEMP FEEDER TO PP-70
Date:5/08/23 5/8/2023
Project Name: Bittersweet WWWTP

Work Description

We propose to furnish the labor, materail, equipment, and supervision required for the work associated with installing temporary electric power to New PP-70 from existing 600A spare feeder breaker in Switchgear 1 per scope below:

Connect New PP-70 (6-500MCM and 2-4/0 grounds) feeder cable to existing 600A Frame breaker. One set of 3/500MCM cables will not be used for this temp connection.

PLEASE NOTE: AN ADDER OF \$9,625 WILL NEED TO BE ADDED IF SCAFFOLDING NEEDS TO BE ERECTED UNDERNEATH SWGR 95

Itemized Breakdown

Description	Qty
4" STEEL LOCKNUT	6
4" PLASTIC BUSHING	4
4" GRC STRUT CLAMP	4
4"xCLOSE NIPPLE	1
4" PVC SCH-40	40
CARLON E943N 4" PVC TERMINAL ADAPTER	2
CARLON E940N 4" PVC COUPLING	4
4" PVC 90 ELBOW SCH-40	2
4" PVC 45 ELBOW SCH-40	1
#4/0 XHHW CU	80
#500MCM XHHW CU	240
#500 MCM MECH-LUG	6
3/8 x 2-1/4" WEDGE ANCHOR	16
B22 1-5/8"D 10' GALV SLOT	4
# 4/0 WIRE TERM-POWER	6
# 500 MCM TERM-POWER	18
EXISTING 600A BKR TESTING	1
500MCM 2 PORT POLARIS CONN.	6
4/0 2 PORT POLARIS CONN.	2
TEMP ELECTRIC REMOVAL	1
SWGR OUTAGE - RACK BKR	1
2" HOFFMAN PLUG	1
Totals	446

Summary

MATERIAL

Total Material		4,951.63
FOREMAN	(42.35 Hrs @ \$113.67)	4,813.92
JOURNEYMAN	(42.35 Hrs @ \$103.48)	4,382.38

ORIGINAL

PROPOSED CHANGE ORDER

Summary (Cont'd)

General Expenses		581.52
Overhead	(@ 10.000 %)	1,472.95
Markup	(@ 5.000 %)	810.12

Final Amount **\$17,012.52**

CLIENT ACCEPTANCE

CCN #	RFCO9_TEMP FEEDER TO PP-70
Final Amount:	\$17,012.52
Name:	_____
Date:	_____
Signature:	_____
Change Order #:	_____

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

PROPOSED CHANGE ORDER



Client Address:

CCN # RFCO12_TEMP. PWR - MX 30-03 & NRP-30-01
Date:5/08/23 6/20/2023
Project Name: Bittersweet WWWT

Work Description

We propose to furnish the labor, material, equipment, and supervision required for the work associated with Morse RFCO12 to install temp power to MX-30-03 & NPR 30-01 per the following scope:

- install (2) runs of 10/4 SO Cord from MCC-95 overhead to Aeration Tank and ty-wrap to handrail to existing mixer disconnects.
- install (2) runs of Belden 5202FE 16/4 conductor control wire from MCC-95 to Aeration Tank and ty-wrap to handrail to existing mixer disconnects.
- install double strut masts to building to support overhead cables.
- drill into existing disconnects
- all terminations

Itemized Breakdown

Description	Qty
3/4" AL LOCKNUT	8
#10/4C SOW CORD	500
#16- 2P TW-CABLE SHLD	500
3/8 x 2-1/4" WEDGE ANCHOR	6
B26A 1-5/8"D 10' GALV BK/BK	40
# 16 WIRE TERM-POWER	16
# 10 WIRE TERM-POWER	16
INSTALL OH & HR MOUNTED PWR CABLE	1
INSTALL OH & HR MOUNTED CONTROL CABLE	1
DRILL EXISTING DISCONNECTS	2
CGB 394SA CORD GRIP	4
CRH CGB397SA CORD GRIP	4
REMOVE CABLE AND APPERTUNANCES	1
Totals	1,099

Summary

MATERIAL		
Total Material		1,986.11
FOREMAN	(18.45 Hrs @ \$116.83)	2,155.51
JOURNEYMAN	(18.45 Hrs @ \$106.86)	1,971.57
General Expenses		97.02
Overhead	(@ 10.000 %)	621.02
Markup	(@ 5.000 %)	341.56
Final Amount		\$7,172.79

CLIENT ACCEPTANCE

ORIGINAL

PROPOSED CHANGE ORDER

CCN # RFCO12_TEMP. PWR - MX 30-03 & NRP-30-01
Final Amount: \$7,172.79

Name: _____

Date: _____

Signature: _____

Change Order #: _____
I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

PROPOSED CHANGE ORDER



Client Address:

CCN # RFCO8_TEMP FEEDER TO MCC-25
Date: 5/08/23 5/8/2023
Project Name: Bittersweet WWWT

Work Description

We propose to furnish the labor, material, equipment, and supervision required for the work associated with installing temporary electric power to the New MCC-25 from existing plant power., per the scope below.

Connect new MCC 25 200A feeder cable to existing 200A disconnect feeding the City Maintenance Garage. The Maintenance Garage feeder will remain in service.

Itemized Breakdown

Description	Qty
2 1/2" STEEL LOCKNUT	6
2 1/2" PLASTIC BUSHING	1
2 1/2"xCLOSE NIPPLE	1
2 1/2" PVC SCH-40	40
CARLON E943K 2-1/2" PVC TERMINAL ADAPTER	2
CARLON E940K 2-1/2" PVC COUPLING	4
2-1/2" PVC 90 ELBOW SCH-40	2
2-1/2" PVC 45 ELBOW SCH-40	1
CARLON E977KC 2-1/2" PVC 2H CONDUIT CLAMP	8
#2 THHN AL (USE XHHW AL)	56
#4/0 THHN AL (USE XHHW AL)	160
#1/0 DBL MECH LUG	3
3/8 x 2-1/4" WEDGE ANCHOR	16
B22 1-5/8"D 10' GALV SLOT	4
# 1 WIRE TERM-POWER	2
# 4/0 WIRE TERM-POWER	12
4/0 2-PORT POLARIS CONN.	8
TEMP POWER REMOVAL	1
2" HOFFMAN PLUG	1
Totals	328

Summary

MATERIAL

Total Material		826.28
FOREMAN	(20.11 Hrs @ \$113.10)	2,274.44
JOURNEYMAN	(20.11 Hrs @ \$103.48)	2,080.98
General Expenses		551.40
Overhead	(@ 10.000 %)	573.31
Markup	(@ 5.000 %)	315.32

Final Amount

\$6,621.73

ORIGINAL

PROPOSED CHANGE ORDER

CLIENT ACCEPTANCE

CCN # RFCO8_TEMP FEEDER TO MCC-25
Final Amount: \$6,621.73

Name: _____

Date: _____

Signature: _____

Change Order #: _____

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

PROPOSED CHANGE ORDER



Client Address:

CCN # RFCO10_TEMP FEED TO MCC-15
Date:5/08/23 5/8/2023
Project Name: Bittersweet WWWT

Work Description

We propose to furnish the labor, materail, equipment, and supervision required for the work associated with installing temporary electric power to New MCC-15 from existing plant power, per the following scope:

Connect New MCC-15 400A (3/500MCM & 1/3 gnd. feeder cable to existing MCC-200A disconnect feeding an out of service blower.

Splice 400A feeder to 200A cable rated for the 200A MCC-2 breaker.

This is only possible if a blower is removed from service due to PP-70 being energized temporarily.

Itemized Breakdown

Description	Qty
2" STEEL LOCKNUT	6
2" PLASTIC BUSHING	4
2"xCLOSE NIPPLE	1
2" PVC SCH-40	50
CARLON E943J 2" PVC TERMINAL ADAPTER	2
CARLON E940J 2" PVC COUPLING	4
2" PVC 90 ELBOW SCH-40	2
2" PVC 45 ELBOW SCH-40	1
CARLON E977JC 2" PVC 2H CONDUIT CLAMP	10
#2 XHHW AL	50
#4/0 XHHW AL	190
3/8 x 2-1/4" WEDGE ANCHOR	20
B22 1-5/8"D 10' GALV SLOT	4
# 1/0 WIRE TERM-POWER	2
# 500 MCM TERM-POWER	6
500MCM 2 PORT POLARIS CONN.	3
TEMP ELECTRIC REMOVAL	1
#1 2 PORT POLARIS CONN.	1
24X24X10 PVC JB	1
2" HOFFMAN PLUG	1
Totals	359

Summary

MATERIAL

Total Material		2,225.83
FOREMAN	(20.10 Hrs @ \$113.67)	2,284.77
JOURNEYMAN	(20.10 Hrs @ \$103.48)	2,079.95
General Expenses		972.39
Overhead	(@ 10.000 %)	756.29
Markup	(@ 5.000 %)	415.96

ORIGINAL

PROPOSED CHANGE ORDER

Summary (Cont'd)

Final Amount

\$8,735.19

CLIENT ACCEPTANCE

CCN # RFCO10_TEMP FEED TO MCC-15
Final Amount: \$8,735.19

Name: _____

Date: _____

Signature: _____

Change Order #: _____
I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

PROPOSED CHANGE ORDER



Client Address:

CCN # RFCO11_TEMP FEED TO MCC-95
Date: 5/08/23 5/8/2023
Project Name: Bittersweet WWWTP

Work Description

We propose to furnish the labor, material, equipment, and supervision required for the work associated with installing temporary electric power to New MCC-95 from existing plant power, per the following scope:

Connect New MCC-95 Main Breaker to the existing MCC-2, 200A disconnect feeding an out of service blower. This will be for start up purposes only and the running of minor loads under 100Amps.
This is only possible if a blower is removed from service due to PP-70 being energized temporarily.

Itemized Breakdown

Description	Qty
2" STEEL LOCKNUT	6
2" PLASTIC BUSHING	4
2"xCLOSE NIPPLE	1
2" PVC SCH-40	60
CARLON E943J 2" PVC TERMINAL ADAPTER	2
CARLON E940J 2" PVC COUPLING	4
2" PVC 90 ELBOW SCH-40	2
2" PVC 45 ELBOW SCH-40	1
CARLON E977JC 2" PVC 2H CONDUIT CLAMP	12
#2 XHHW AL	80
#4/0 XHHW AL	220
3/8 x 2-1/4" WEDGE ANCHOR	24
B22 1-5/8"D 10' GALV SLOT	4
# 1 WIRE TERM-POWER	2
# 4/0 WIRE TERM-POWER	6
4/0 2 PORT POLARIS CONN.	3
TEMP ELECTRIC REMOVAL	1
#1 2 PORT POLARIS CONN.	1
24X24X10 PVC JB	1
2" HOFFMAN PLUG	1
Totals	435

Summary

MATERIAL

Total Material		2,254.75
FOREMAN	(21.51 Hrs @ \$113.67)	2,445.04
JOURNEYMAN	(21.51 Hrs @ \$103.48)	2,225.85
General Expenses		563.93
Overhead	(@ 10.000 %)	748.96
Markup	(@ 5.000 %)	411.93

Final Amount

\$8,650.46

ORIGINAL

PROPOSED CHANGE ORDER

CLIENT ACCEPTANCE

CCN # RFCO11_TEMP FEED TO MCC-95
Final Amount: \$8,650.46

Name: _____

Date: _____

Signature: _____

Change Order #: _____

I hereby accept this quotation and authorize the contractor to complete the above described work.

ORIGINAL

RESOLUTION NO. 2023 - _____

**A RESOLUTION APPROVING OF CHANGE ORDER NO. 4 TO THE
CONTRACT BETWEEN THE VILLAGE OF BARTLETT AND
JOSEPH J. HENDERSON & SON, INC. FOR THE BITTERSWEET WATER
RECLAMATION FACILITY IMPROVEMENTS FOR A \$263,909.77
INCREASE IN THE ORIGINAL CONTRACT SUM**

WHEREAS, the Village of Bartlett (the "Village") and Joseph J. Henderson & Son, Inc. (the "Contractor") entered into an Agreement approved by the Village on November 2, 2021, but last signed on and dated November 30, 2021 (the "Contract") for the Bittersweet Water Reclamation Facility Improvements in an original contract amount of \$35,320,000.00 (the "Original Contract Sum"); and

WHEREAS, the Contract was awarded to the Contractor because it was the lowest responsible and responsive bidder for the Project after advertisement for public bids; and

WHEREAS, the Project came in over budget so the Village looked for ways to reduce the cost of the Project by modifying the scope and specifications for the Project, Change Orders No. 1 - 3 resulted in a credit/decrease/reduction in the Original Contract Sum of \$385,297.28; and

WHEREAS, the Village has continued to work with the Contractor to look for additional ways to modify the scope and specifications for the Project to retain the overall quality of the Project, and has come up with a series of additional changes that combined will increase the cost of the Project by \$263,909.77, which are more fully described in Change Order No. 4 which is attached hereto; and

WHEREAS, the proposed change in the scope of the work and specifications may be authorized by a change order to the Contract, provided the Corporate Authorities make a determination in writing that (1) the circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the Contract was signed; (2) the change is germane to the original contract as signed; OR (3) the change order is in the best interest of the unit of local government and authorized by law (720 ILCS 5/33E-9); and

WHEREAS, the decrease in the cost of the Project combining Change Orders No. 1-4 is \$121,387.51; and

WHEREAS, the amended Contract Sum for the Project with Change Orders No. 1-4 is \$35,198,612.49;

NOW, THEREFORE, BE IT RESOLVED by the Village President and Board of Trustees of the Village of Bartlett (the "Corporate Authorities"), Cook, DuPage and Kane Counties, Illinois, as follows:

SECTION ONE: The Board hereby finds and determines that the circumstances necessitating the change in the scope and specifications of the Project included in Change Order No. 4 were not reasonably foreseeable at the time the Contract was signed; that Change Order No. 4 is germane to the original Contract as signed; and/or that Change Order No. 4 is in the best interest of the Village and is authorized by law.

SECTION TWO: That Change Order No. 4 attached hereto, which increases the Original Contract Sum for the Project by \$263,909.77, is hereby approved, and the Village Administrator is hereby authorized and directed to sign Change Order No. 4 on behalf of the Village, making the new Contract Sum, after a "INCREASE" in that amount (and including the previous reductions approved by Change Order No. 1 and No. 3), \$35,198,612.49 (the "Third Amended Contract Sum").

SECTION THREE: SEVERABILITY. The various provisions of this Resolution are to be considered as severable, and of any part or portion of this Resolution shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Resolution.

SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS. All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

SECTION FIVE: EFFECTIVE DATE. This Resolution shall be in full force and effect upon passage and approval.

ROLL CALL VOTE:

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

Kevin Wallace, Village President

ATTEST:

Lorna Giless, Village Clerk

CERTIFICATION

I, Lorna Giles, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Resolution 2023 - _____ enacted on July 18, 2023 and approved on July 18, 2023 as the same appears from the official records of the Village of Bartlett.

Lorna Giles, Village Clerk



Strand Associates, Inc.[®]
 910 West Wingra Drive
 Madison, WI 53715
 (P) 608.251.4843
 www.strand.com

July 10, 2023

CHANGE ORDER NO. 4

PROJECT: Bittersweet Water Reclamation Facility Improvements
 OWNER: Village of Bartlett, Illinois
 CONTRACT: 1-2021
 CONTRACTOR: Joseph J. Henderson & Son, Inc.

Description of Change

4a	Provide changes as described in Work Change Directive (WCD) No. 1 issued on December 22, 2022.	ADD	\$0.00
4b	Provide a knox remote power box at Structure 95– Control Building in accordance with WCD No. 2 issued on December 21, 2022.	ADD	\$7,245.48
4c	Provide changes as described in WCD No. 3 issued on June 13, 2023.	ADD	\$0.00
4d	Provide a 4-inch gate valve and additional plant water (PLW) piping. Delete demolition note “Q” and remove new door 95101A from the door schedule in accordance with Cost Proposal Request (CPR) No. 012 issued on October 7, 2022.	(DEDUCT)	(\$72.20)
4e	Remove, relocate, or replace the oxidation-reduction potential (ORP) probe junction boxes in accordance with CPR No. 013 issued on October 7, 2022.	(DEDUCT)	(\$1,795.00)
4f	Change the concrete masonry unit (CMU) skylight curb in accordance with CPR No. 014 issued on December 6, 2022.	ADD	\$1,184.00
4g	Provide ventilation monitoring strobe on the exterior of Structure 15 in accordance with CPR No. 015 issued on December 6, 2022.	ADD	\$4,318.00
4h	Provide additional reinforcement in Structure 30 in accordance with CPR No. 17 issued on January 5, 2023.	ADD	\$6,879.64
4i	Remove the existing and provide new brick at Structure 75. Provide a masonry control joint in accordance with CPR No. 018 issued on March 14, 2023.	ADD	\$18,378.35
4j	Remove the belt filter press control panel and associated conduit. Provide electrical modifications to Structure 75 in accordance with CPR No. 019 issued on March 14, 2023.	ADD	\$29,702.51
4k	Provide 6-inch PW piping near the connection to the existing main in accordance with CPR No. 021 issued on April 24, 2023.	ADD	\$2,860.05

Village of Bartlett, Illinois–Joseph J. Henderson & Son, Inc.
 Contract 1-2021, Change Order No. 4
 Page 2
 July 10, 2023

4l	Provide and field weld a closure plate for the Structure 20 effluent troughs in accordance with Request for Information (RFI) 086 response dated March 21, 2023.	ADD	\$13,909.25
4m	Delete grade beam GB-2 and change to add helical pile foundation to the northeast area of the Structure 40 valve vault as designed by Dunnet Bay Construction in accordance with Helical Anchors submittal dated May 4, 2023.	ADD	\$0.00
4n	Provide primary sludge (PRS) piping near Aerobic Digester Nos. 3 and 4 in accordance with CPR No. 022 issued on May 18, 2023.	ADD	\$32,745.69
4o	Adjust Contract Price and Contract Time related to the switchgear and standby generator delivery delays. Provide the following construction sequencing changes to reduce the schedule impact of the switchgear and standby generator delivery delay: provide temporary air to Aeration Train No. 1 using the existing blowers, provide temporary electrical power for NRP-30-01 and Mixer M-30-03 for temporary operation of Aeration Train No. 1. Provide temporary piping and manhole structure to maintain operation of excess flow with temporary operation of the Influent Splitter Structure (Structure 17) and Excess Flow Splitter Structure (Structure 55). Provide temporary power to the Aerobic Digester Blower Building (Structure 70) for temporary operation of the aerobic digester blowers, ultraviolet disinfection system, and start-up and testing the tertiary disc filter system. Provide temporary power to the Primary Sludge Pumping Building (Structure 25) for temporary operation of Primary Clarifier Nos. 1 and 2. Provide temporary power to the Preliminary Treatment Building (Structure 15) for start-up and testing of equipment. Provide temporary power to the Control Building MCC-95 for start-up and testing of equipment.	ADD	\$148,554.00
TOTAL VALUE OF THIS CHANGE ORDER:		ADD	\$263,909.77

Contract Price Adjustment

Original Contract Price	\$35,320,000.00
Previous Change Order Adjustments	(\$385,297.28)
Adjustment in Contract Price this Change Order	\$263,909.77
Current Contract Price including this Change Order	\$35,198,612.49

Village of Bartlett, Illinois–Joseph J. Henderson & Son, Inc.
Contract 1-2021, Change Order No. 4
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Contract Substantial Completion Date Adjustment

Original Contract Substantial Completion Date	December 31, 2023
Contract Substantial Completion Date Adjustments due to previous Change Orders	0 Days
Contract Substantial Completion Date Adjustments due to this Change Order	267 Days
Current Substantial Contract Completion Dates including all Change Orders	September 24, 2024

Contract Final Completion Date Adjustment

Original Contract Final Completion Date	May 15, 2024
Contract Final Completion Date Adjustments due to previous Change Orders	0 Days
Contract Final Completion Date Adjustments due to this Change Order	267 Days
Current Final Contract Completion Dates including all Change Orders	February 6, 2025

This document shall become a supplement to the Contract and all provisions will apply hereto.

RECOMMENDED

_____ ENGINEER–Strand Associates, Inc.®	_____ Date
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APPROVED

_____ CONTRACTOR–Joseph J. Henderson & Son, Inc.	_____ Date
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APPROVED

_____ OWNER–Village of Bartlett, Illinois	_____ Date
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