This is **EXHIBIT K**, consisting of 6 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated August 17, 2021.

# AMENDMENT TO OWNER-ENGINEER AGREEMENT Amendment No. 06

The Effective Date of this Amendment is: April 3, 2024. **Background Data** Effective Date of Owner-Engineer Agreement: September 9, 2021 Owner: Town of Johnstown, Colorado Engineer: Burns & McDonnell Engineering Company, Inc. Project: Johnstown Water Treatment Plant Design Nature of Amendment: [Check those that are applicable and delete those that are inapplicable.] Additional Services to be performed by Engineer Χ Modifications to services of Engineer Modifications to responsibilities of Owner Modifications of payment to Engineer Modifications to time(s) for rendering services Modifications to other terms and conditions of the Agreement

## **Scope of Services**

Description of Modifications:

The following tasks summarize the scope of services for engineering construction phase services for the Water Treatment Plant expansion.

The scope of services is based on the construction agreement between the Town (Owner) and MWH Constructors Inc. (Contractor), as presented to Town Council on October 16, 2023. The schedule is based on that provided by MWH Constructions dated March 15, 2024:

- Notice to Proceed, Work Authorization 1 December 8, 2023
- Substantial Completion December 28, 2026
- Construction Duration 159 weeks (38 months)

The scope of services shall be completed within 38 months and are based on the Contractor achieving Substantial Completion in that timeframe. If the Contractor does not achieve Substantial Completion and the Engineer has performed the scope of services, this shall be considered as additional services, and Engineer will request additional time/cost for completion.

## TASK SERIES 2000 – CONSTRUCTION ADMINISTRATION SERVICES

The Scope of Services described herein represents the Engineer's professional engineering activities necessary for engineering services during construction and post-construction activities. Engineer's construction administration services will in no way relieve the Contractor(s) of their obligations for complete compliance with the drawings and specifications. Engineer shall not make exhaustive or continuous on-site assessments to check the quality or quantity of such work. Engineer shall not be responsible for the means, methods, techniques, sequences, or procedures of Contractor, or for their safety precautions and programs incident to their work. Engineer shall not be responsible for the failure of Contractor to perform the work in accordance with their Contract Documents. Notwithstanding the foregoing, if Engineer becomes aware of any deficiencies or defects in the work, or any lack of conformity of the work to the drawings and specifications, Engineer will bring such deficiencies, defects, or lack of conformity to Owner's attention.

Insofar as job site safety is concerned, Engineer is only responsible for its employees' activities on the job site, and this shall not be construed to relieve Owner or any Contractors from their responsibilities for maintaining a safe job site. Neither the professional activities of Engineer, nor presence of Engineer or its employees and subcontractors shall be construed to imply Engineer has any responsibility for methods of work performance, superintendence, sequencing of construction, or safety in, on or about the job site. Owner agrees that the Contractors are solely responsible for job site safety, and this intent shall be made evident in Owner's agreement with all Contractors. Owner and Engineer shall be made additional insureds under the Contractors' general liability insurance policy.

Engineer will not be a party to any construction contract and all authority and responsibility to stop work belongs to the Owner. Engineer shall not be liable for the results of any interpretations or decisions rendered by it in good faith when acting as an arbitrator or interpreter of the design documents; provided, however, that all interpretations and decisions of Engineer shall be consistent with the intent of, and reasonably inferable from, the design documents and shall be in writing or in the form of drawings.

By recommending any payment to others, Engineer will not thereby be deemed to have represented that continuous or exhaustive examinations have been made by Engineer to check the quality or quantity of the work or to review the means, methods, sequences, techniques or procedures of construction or safety precautions or programs incident thereto or that Engineer has made an examination to ascertain how or for what purposes any person(s) has used the moneys paid on account, or that title to any of work, materials or equipment has passed to the Owner free and clear of any lien, claims, security interests or encumbrances, or that others have completed their work exactly in accordance with the Contract Documents. Notwithstanding the foregoing, it is agreed that, by recommending any payment to others, Engineer does thereby represent that, based on Engineer's evaluation of the work and the data comprising the Contractor's Application for Payment, that, to the best of Engineer's knowledge, information and belief, the work has progressed to the point indicated, the quality of the work is in accordance with the design documents, that the Contractor is entitled to payment in the amount certified by Contractor, and that Engineer knows of no legitimate reason that such payment or any part thereof may or should be withheld.

Construction will be administered through three (3) Work Authorizations (WA):

 WA1 – Early Site Work: Includes mobilization, site preparation, stormwater control and dewatering. Includes relocation of existing raw and treated piping during low water demand season 2023/2024 to create construction areas for proposed facilities on the project's critical path (i.e., the new Treatment Building). Includes deep foundations for proposed Treatment Building (Membrane Feed Pump Station Wet Well).

Issued for Construction documents: December 2023
Completion of Yard Pipe and Site Work: August 2024
Completion of Concrete/Structural: October 2024

2. WA2 – Early Procurement Supply Packages: Includes membrane filtration system, GAC system, vertical turbine pumps, emergency generators, and electrical switchgear.

Issued for procurement specifications: December and January 2024
Submittal review: January to October 2024
Notice to proceed for equipment packages: January to October 2024

3. WA3 – Balance of Work: Includes supply, installation, startup and testing of the remaining project scope.

Issued for Construction documents: May 2024

Mobilization with WA1 above.

Start-up and testing: April 2026
Substantial Completion: December 2026

This scope of services covers WA1 and WA2 only, starting in December 2023 and ending October 31, 2024. This represents forty-seven (47) weeks of the total construction duration of one hundred fifty-nine (159) weeks.

A separate scope of services for WA3 will be submitted once the Owner and Contractor reach agreement on the balance of work.

## Task 2001 – Overall Project and Construction Administration

This task includes office administrative tasks to be performed throughout the construction phase, including:

- Receive and review submittals provided by the Contractor in accordance with the Issued for Construction design documents. Maintain and transmit reviewed documents to the Owner's project manager.
- Provide the Owner's project manager with observations regarding defects or deficiencies in the Contractor's work relating to compliance with Issued for Construction design documents.
- Preparation of Engineer's monthly invoices and cover sheet.

This represents forty-seven (47) weeks of the total construction duration of one hundred fifty-nine (159) weeks.

## Task 2002 - Pre-Construction Conference

Engineer will prepare the pre-construction conference agenda, attend, and run the meeting, and take, prepare, and distribute meeting minutes. It is anticipated that the pre-construction meeting will be in-person and attended by the Owner, the Contractor's project manager and the Engineer's project manager, process engineer, and resident project representative.

# Task 2003 - Construction Progress Meetings

Engineer will attend meetings for 47-weeks construction period for WA1 and WA2 on a weekly basis. It is anticipated that the construction meetings will be attended by the Owner's project manager, the Contractor's project manager, the Engineer's project manager, the Engineer's project engineer, and the Engineer's resident project representative. The Engineer's project manager will attend 25% of the meetings in-person and 75% remotely. The Engineer's project engineer will attend all meetings remotely. The Engineer's resident project representative will attend the meetings in-person. The resident project representative hours are included in Task 2101. The level of effort assumes that every other meeting may also be attended by one (1) of the Engineer's support disciplines remotely. Labor assumptions for project manager, project engineer, and support disciplines are a total of two (2) hours per remote meeting. Labor assumptions assume that the in-person meetings for the project manager will coincide with Task 2004.

# Task 2004 – Periodic Site visits by Project Manager or Project Engineer

This includes one (1) site visit per month for one (1) discipline engineer and two (2) site visits per month for either the project manager or engineer for the first 47 weeks of the 159-week construction period. Each site visit is assumed to be eight (8) hours in duration, including travel.

# Task 2005 – Answer Contractor's Question through written RFI Process

Engineer will provide formal written responses to RFI's to the Contractor and the Owner. This includes written response to fifty (50) RFI's with a review, determination, and response time of approximately four (4) hours per RFI.

## Task 2006 - Submittal and Resubmittal Reviews

Engineer will review submittals for the project and provide a response and status for each submittal. This task assumes one hundred (100) different submittals from the Contractor, exclusive of those included in the early procurement task (Task Series 700). This task assumes each submittal will require an average of two (2) hours review and response time for the first submittal and one (1) hour for resubmittals (one resubmittal per submittal).

# Task 2007 – Change Management

At the request of the Owner's project manager, Engineer will review Contractor's requests for Contract Amendments, Work Authorizations, Change Order, Work Change Directive or Field Orders and provide a summary of their review and/or recommendations to the Owner. The Engineer's review will be focused on whether or not the scope associated with the change order should have been originally contemplated and included in the Contractor's scope. This task assumes one (1) Contract Amendment, one (1) Work Authorizations (in addition to the existing WA1 and WA2), ten (10) total Change Orders and Work Change Directives and sixteen (16) Field Orders. Labor estimates are based on an average review and response time of forty (40) hours per Contract Amendment and Work Authorization and twenty (20) hours per Change Order, Work Change Directive and Field Order.

# Task 2008 – Applications for Payment

Engineer will review Contractor's monthly applications for payment. Task includes a cursory review of supporting documents against worksite progress, coordination with Contractor and approval by Owner. This task assumes a total eleven (11) pay applications for the duration of the project at an average review time of four (4) hours each, based on a review of a Schedule of Values in a lump sum compensation method. More effort will be required if the project remains open book and does not convert to a lump sum.

## Task 2009 - Substantial Completion Inspection and Punchlist

Excluded from this scope of work for WA1 and WA2 only.

## Task 2010 – Final Completion Inspection and Punchlist

Excluded from this scope of work for WA1 and WA2 only.

### TASK SERIES 2100 – RESIDENT PROJECT REPRESENTATIVE AND START-UP SERVICES

# Task 2101 – Full-Time Resident Project Representative

Engineer will provide a Resident Project Representative (RPR) or field engineer to observe and record the construction progress and quality of the work as is reasonably necessary at various stages of construction to determine if the work is proceeding in general accordance with the design documents. It is estimated that the RPR or field engineer will be on site for one hundred twenty-one (121) of the one hundred fifty-nine (159) week construction period. The RPR is not required for the first twelve (12) weeks as the contractor prepares to mobilize and works on procurement and subcontracting items.

- Phase 1 Part Time (March 1 to June 30, 2024): The RPR or field engineer will be onsite for an estimated 2-days per week for the next seventeen (17) weeks during work included in WA1 to witness work that will be buried. Exposed work that will not be buried, as work progresses, will be observed by the RPR when onsite during phase.
- Phase 2 Full Time (July 1, 2024, to October 31, 2024): The RPR or field engineer increases time to 5-days per week starting with the preparation of the subgrade for the Membrane Feed Pump Station wet well for seventeen (17) weeks.
- Phase 3 Part Time: Excluded from this scope of work for WA1 and WA2 only.

It is assumed the RPR or field engineer effort is 8 hours each day, including travel time. The effort is based on a 5-day work week.

#### The RPR will:

- Provide observation of construction progress and of the quality of the work as is reasonably necessary at various stages of construction to determine if the work is proceeding in general accordance with the design documents.
- Examine and review delivered and on-site materials for conformance with the design documents and approved submittals.
- Prepare and submit daily construction observation reports to the Owner on a weekly basis.
- Provide construction photos of construction activities.
- Conduct weekly progress meetings, provide meeting agendas, and take and distribute meeting minutes.
- Participate with Contractor and Owner regarding start-up, testing, and commissioning. The Contractor will be responsible for start-up, testing, and commissioning.
- Report to Project Engineer, opinions and suggestions based on observations regarding defects or deficiencies in the work and compliance with drawings and specifications.

- Advise Project Engineer and Contractor immediately of any work requiring shop drawing review prior to work commencement.
- Observe and document differing subsurface and physical conditions encountered.
- Review Contractor's construction schedule for conformance with milestones, and other project requirements.
- Observe onsite quality assurance testing and maintain copies of testing results on site.
- Review as-built construction mark-ups on a weekly basis to observe if contractor is accurately documenting field changes to the work in a common set of drawings/specifications.
- Conduct special inspections of the following:
  - Reinforced steel
  - Anchors cast in concrete
  - Anchors post installed in concrete
  - Concrete mix design
  - Concrete placement
  - Inspection of formwork
  - Subgrade preparation
  - Welding
  - Masonry construction
  - Mortar and grout placement
  - Open web steel joist installation
- The following special inspections will be provided by the Contractor and are not the responsibility of Engineer:
  - Fabricate specimens for strength, perform slump, air content and temperature.
  - Verification and inspection of soils by the geotech.
  - Verification of f'm
  - Verifications of grout and mortar are in compliance with the specifications
  - Structural steel welding

## Task 2102 - Start-Up Coordination Meetings

Excluded from this scope of work for WA1 and WA2 only.

# Task 2103 – Start-up Assistance

Excluded from this scope of work for WA1 and WA2 only.

## Task 2104 – Equipment Operations Training Assistance

Excluded from this scope of work for WA1 and WA2 only.

## **TASK 2200 SERIES – PROJECT CLOSE OUT**

## Task 2201 - Compile O&M Manual

Excluded from this scope of work for WA1 and WA2 only.

# Task 2202 – Prepare and Furnish Conforming to Construction Records

Excluded from this scope of work for WA1 and WA2 only.

## Task 2203 - Project Closeout

Excluded from this scope of work for WA1 and WA2 only.

# Task 2204 – Warranty Period Support

Excluded from this scope of work for WA1 and WA2 only.

## Task 2205 - Correction Period Site Walks

Excluded from this scope of work for WA1 and WA2 only.

Agreement Summary (Basic Services):

Original Agreement: \$2,059,442

Net Change for Prior Amendments: \$1,435,940

This Amendment Amount: \$882,022

Adjusted Agreement Amount: \$4,377,404\*

Change in Time of Services 147 days

(Days or Date, As Applicable): October 31, 2024

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

<sup>\*</sup> Basic Services only. Excludes approved Additional Services of \$831,280.

OWNER:	ENGINEER:	
By: Print name:	By: Print name:	
Title:	Title:	
Date Signed:	Date Signed:	

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this, or previous Amendments

remain in effect.

# Town of Johnstown

## Water Treatment Plant Expansion from 5 to 12.0 mgd

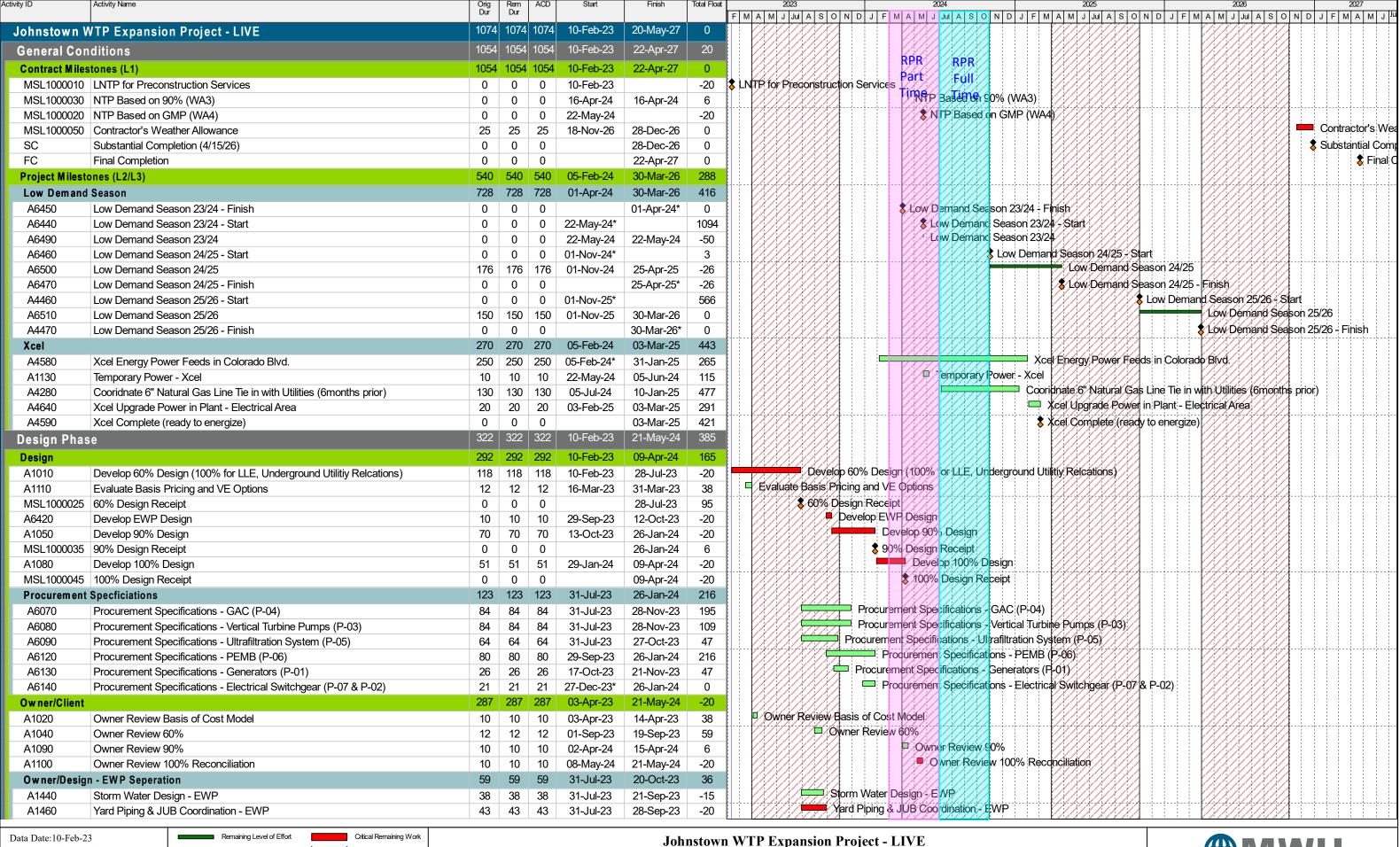
Amendment 06 - Work Breakdown Structure and Fee Schedule - Construction Phase Services

	Project Manager	Quality Control	Project Engineer	Asst. Project Engineer	Structural	Architectural	Civil	Mechanical	Electrical, Instrumentation & Controls	Construction	CAD / Designer	Fire Protection	Field Representation		BMcD		Sub-	
Activity	Pugh	Schaefer	Huth	Wetz	Kienholz	Dalglish Lang	Strobel Lee	Olsen	Patwari Elliott	Kuntz Waddell	Mimiaga	Ginsburg DeGroff	Thompson		tal Labor	Expenses	Consultants	Total Cost
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Cost	Direct	Cost	
TASK SERIES 2000 - Construction Administration Services		1	1					<u> </u>			<u> </u>		<u> </u>		1	1		
2001 - Overall Project and Construction Administration	100		100											200	\$58,170	\$2,330		\$ 60,500
2002 - Pre-Construction Conference	6		4	4									4	18	\$4,918	\$283		\$ 5,201
2003 - Progress Meetings (Weekly)	120		60	30	20	16	24		30					300	\$83,557	\$9,571		\$ 93,128
2004 - Periodic Site Visits by PM or PE	100		50	50	30	20	10	10	50			20		340	\$93,587	\$8,548		\$ 102,135
2005 - Answer Contractor Questions Through Written RFI Process	24		40	60	20	10	10	10	24					198	\$51,393	\$2,060		\$ 53,453
2006 - Submittal and Resubmittal Review	20		30	60	40	40	40	20	50			20		320	\$84,137	\$3,370		\$ 87,507
2007 - Change Management	40		80	90	60	20	20	20	90		40	20		480	\$123,113	\$4,920		\$ 128,033
2008 - Pay Applications	20		20											40	\$11,634	\$470		\$ 12,104
2009 - Substantial Completion Inspection & Punchlist														0	\$0	\$0		\$ -
2010 - Final Completion Inspection & Punchlist														0	\$0	\$0		\$ -
Sub-Total Series 2000	430	0	384	294	170	106	104	60	244	0	40	60	4	1,896	\$510,508	\$31,552	\$0	\$542,060
TASK SERIES 2100 - Resident Project Representative & Start Up Service	es																	
2101 - Resident Project Representative x 8 hour days																		ı
Phase 1 - Part Time (2 days per week for 26 weeks)													280	280	\$79,240	\$10,462		\$ 89,702
Phase 2 - Full Time (5 days per week for 87 weeks)													700	700	\$198,100	\$52,160		\$ 250,260
Phase 3 - Part Time (2 days per week for 18 weeks)														0	\$0	\$0		\$ -
2102 - Start Up Coordination Meetings														0	\$0	\$0		\$ -
2103 - Start-Up Assistance														-	**			i i
1 - DAF Start Up Support														0	\$0	\$0		\$ -
2 - Ultrafiltration Start Up Support														0	\$0	\$0		\$ -
3 - GAC Start Up Support														0	\$0	\$0		\$ -
4 - Pumping Systems Start Up Support														0	\$0	\$0		\$ -
5 - Electrical Power Systems Start Up Support														0	\$0	\$0		\$ -
6 - Control Systems Start Up Support														0	\$0	\$0		\$ -
7 - Chemical Systems														0	\$0	\$0		\$ -
2104 - Equipment Operations & Training Assistance														0	\$0	\$0		\$ -
2104 - Equipment Operations & Training Assistance														0	ΨΟ	ΨΟ		Ψ -
Sub-Total Series 2100	0	0	0	0	0	0	0	0	0	0	0	0	980	980	\$277,340	\$62,622	\$0	\$339,962
TASK SERIES 2200 - Project Close Out																		
2201 - Compile O&M Manual														0	\$0	\$0		\$ -
2202 - Conforming to Construction Drawings														0	\$0	\$0		\$ -
2203 - Project Close Out														0	\$0	\$0		\$ -
2204 - Warranty Period Support														0	\$0	\$0		\$ -
2205 - Correction Period Site Walks														0	\$0	\$0		\$ -
Sub-Total Series 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Project Subtotals	430	0	384	294	170	106	104	60	244	0	40	60	984	2876	\$787,848	\$94,174	\$0	\$882,022
Project Total	ı																	\$882,022

# Notes:

- 1. Expected active construction period is expected to last 38 months, per MWH Constructor's schedule dated March 15, 2024.
- 2. Refer to the attached scope of work for phased RPR and office staff site visits.
- 2. Here to the attached scope of work for phased Hinh and office stall site visits.
  3. Construction document control through MWH Constructor's web interface. Construction document control software charges are excluded.
  4. For outside expenses incurred by Burns & McDonnell, such as authorized travel and subsistence, and for services rendered by others such as subconsultants, the client shall pay the cost to Burns & McDonnell plus 10%
  5. The services of contract/agency and/or any personnel of a Burns & McDonnell subsidiary or affiliate shall be billed to Owner according to the rate sheet as if such personnel is a direct employee of Burns & McDonnell.
  6. The rates shown above are effective for services through December 31, 2024, and are subject to revision thereafter.

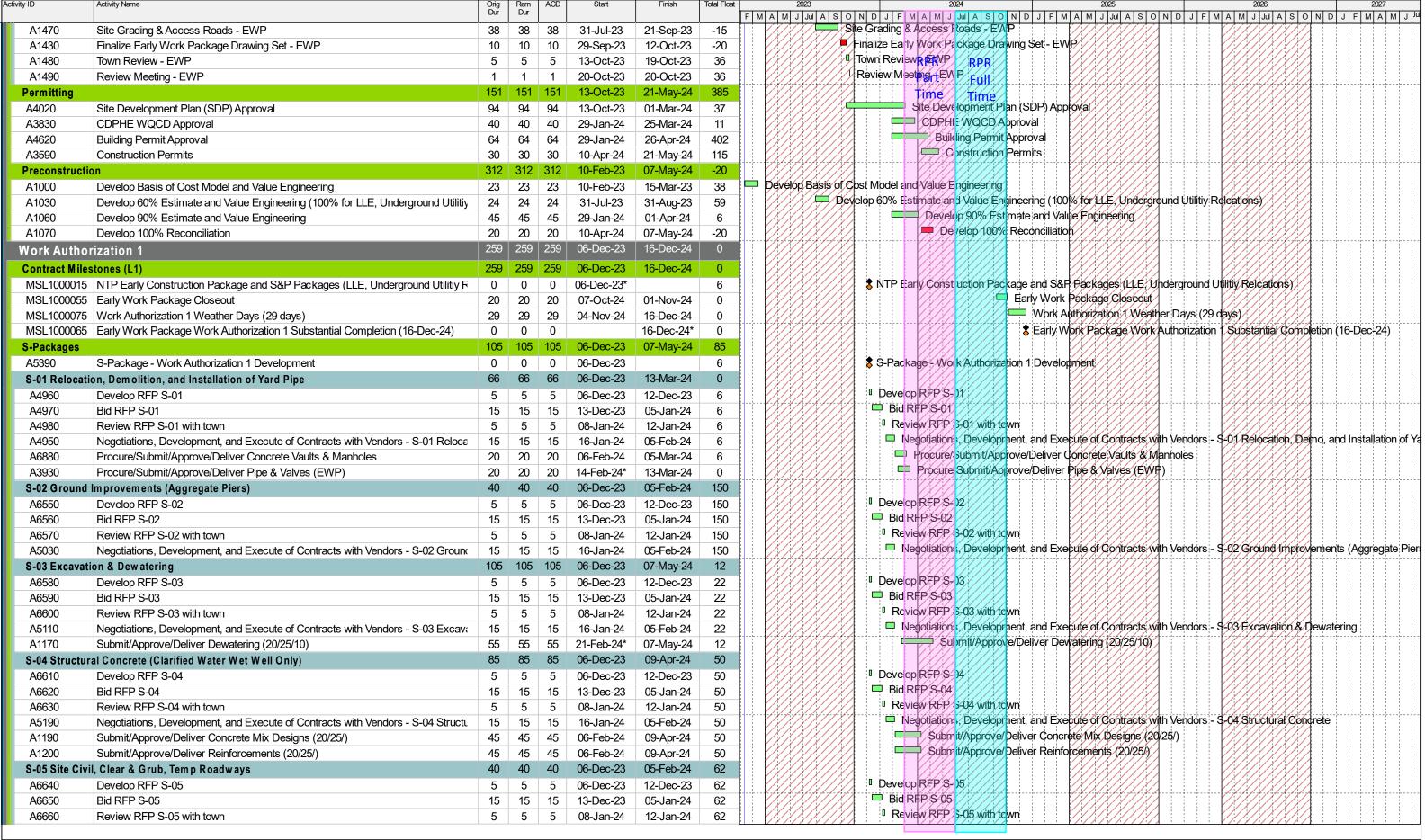
Prepared by BMcD 4/3/2024 Page 1



Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 1 of 32







Data Date:10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 2 of 32



Johnstown WTP Expansion Project - LIVE



Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	
			Dur					FMAMJJulASONDJFMAMJJULASONDJFMAMJULASONDJFMAMJU
A5270	Negotiations, Development, and Execute of Contracts with Vendors - S-05 Site Ci	15	15		16-Jan-24	05-Feb-24	62	Negotiations Development, and Execute of Contracts with Vendors - \$-05 Site Civil, Clear & Grub, Temp Roadway
Perm itting Perm itting		10		10	06-Dec-23	19-Dec-23	236	
A3640	Potable Water Pipe Asbestos - Permit CDPHE	10	10	10	06-Dec-23	19-Dec-23	236	□ Potable Water Fiperaspestos - Permit CDPHE
Construction		144	144	144	14-Mar-24	04-Oct-24	49	
Phase A Yar	d Pipe	8	8	8	14-Mar-24	25-Mar-24	0	III /////// IIII Time time
A1290	D/L/B 20" West Zone PW Tie-in	3	3	3	14-Mar-24	18-Mar-24	0	D/UB/2)" West Zone PW Tie-in
A1300	Test and Chlorinate 20" West Zone PW	2	2	2	19-Mar-24	20-Mar-24	0	Test and Chlorinate 20" West Zone PW
A1780	D/L/B 18" Town Lake RW Tie-in	3	3	3	21-Mar-24	25-Mar-24	0	D/UB 18" Town Lake RW Tie-in
Phase B Yar	d Pipe	117	117	117	26-Mar-24	09-Sep-24	68	
A1890	D/L/B 18" Town Lake RW Re-Route	5	5	5	26-Mar-24	01-Apr-24	0	D/L/B 18"Town Lake RW Re-Route
A3950	D/L/B 18" JUB PW Line	10	10	10	02-Apr-24	15-Apr-24	0	D/L/E 18" JUB FW Line
A3960	East Zone Vault	5	5	5	16-Apr-24	22-Apr-24	0	
A4160	D/L/B 18" GST Return to DCB	3	3	3	23-Apr-24	25-Apr-24	0	IV D/L/3/18"/GST Return to DCB
A4170	D/L/B 30" Combined Clarified Water from Tee	5	5	5	26-Apr-24	02-May-24	0	J. D/L B 30" Combined Clarified Water from Tee
A7010	D/L/B 36" Combined Clarified Water from Treatment Building to Tee	5	5	5	24-Jul-24	30-Jul-24	68	D/L/B 36" Combined Clarified Water from Treatment Building to Tee
A4440	D/L/B 2" Potable Supply to Filter Building	3	3	3	31-Jul-24	02-Aug-24	93	D/L/B 2" Potable Supply to Filter Building
A4080	D/L/B 24" PW East Vault to South Vault	3	3	3	21-Aug-24	23-Aug-24	68	DIVIB 24" PW East Vault to South Vault
A4090	South Zone Vault	5	5	5	26-Aug-24	30-Aug-24	72	I South Zone Vault
A4110	D/L/B 24" West Zone PW South Vault to Tie-in	7	7	7	26-Aug-24	04-Sep-24	68	PD/L/B 24" West Zone PW South Vault to Tie-in
A4100	Connect to Existing 16" South Zone	1	1	1	03-Sep-24	03-Sep-24	72	Connect to Existing 16" South Zone
A4150	Test and Chlorinate PW Line	3	3	3	05-Sep-24	09-Sep-24	68	Test and Chlorinate PW/Line
Phase C Yar		15	15	15	31-Jul-24	21-Aug-24	68	
	and the second s				31-Jul-24 31-Jul-24	-		Demo Existing 8" Sanitary
A4180	Demo Existing 8" Sanitary	5	5	5		06-Aug-24	68	Demo Existing 18" Town Lake RW
A4190	Demo Existing 18" Town Lake RW	5	5	5	07-Aug-24	13-Aug-24	68 68	Demo Existing 20" West Zone PW
A4200	Demo Existing 20" West Zone PW	5	5	5	14-Aug-24	20-Aug-24		Demo Existing 16" South Zone PW (Asbestos)
A4760	Demo Existing 16" South Zone PW (Asbestos)	0	0	0	21-Aug-24 26-Mar-24	21-Aug-24	68	Listing to countries with a second contribution of the second contribution
Site Work	D///D 0// D// 00 1/ 00 1/ 00 1/ 00 1/	64	64	64		24-Jun-24	121	D/L/B 3" PVC Sanitary Service from Existing \$5-MH to \$5-MH1
A7040	D/L/B 8" PVC Sanitary Service from Existing SS-MH to SS-MH1	5	5	5	26-Mar-24	01-Apr-24	158	D/L/B 8" PVC Sanitary Service from Existing SS-MH1 to SS-MH2
A7060	D/L/B 8" PVC Sanitary Service from Existing SS-MH1 to SS-MH2	5	5	5	02-Apr-24	08-Apr-24	158	PD/I/E 18" Storm Drain from ST-MH1 to ST-MH2
A4370	D/L/B 18" Storm Drain from ST-MH1 to ST-MH2	5	5	5	09-Apr-24	15-Apr-24	158	I Mobilize EWIP
A4210	Mobilize - EWP	2	2	2	03-May-24	06-May-24	0	
A4240	Install Stormwater BMPs	5	5	5	03-May-24	09-May-24	0	I install Stormwater BMPs
A6520	Clear and Grub / Stockpile Topsoil	2	2	2	03-May-24		0	Clear and Grul / Stockpile Topsoil
A4250	Excavate Storm Pond	5	5	5	10-May-24	16-May-24	0	□ Excavate Storm Pond
A4260	Site Grading / Mass Excavation	5	5	5	17-May-24	23-May-24	0	1 S te Grading Mass Excavation
A4600	D/L/B 42" Storm Drain from ST-MH4 to ST-MH3	5	5	5	17-May-24	23-May-24	130	1 DV/B 42° Storm Drain from \$1-MH4 to \$7-MH3
A7140	FRP Detention Pond Outlet Structure Slab	5	5	5	17-May-24	23-May-24	120	FRP Detention Pond Outlet Structure Slab
A4450	Install Spillway Rip Rap	5	5	5	17-May-24	23-May-24	127	Install Spillway Rip Rap
A4270	Grade and Prep North Laydown Yard	2	2	2	24-May-24	28-May-24	128	L Crade and Frep North Laybown Yard
A7050	D/L/B 42" Storm Drain from ST-MH3 to Detention Pond	5	5	5	24-May-24	31-May-24	130	UVB 42 Storm Drain from ST-MH3 to Detention Pond
A7160	Cure Detention Pond Outlet Structure	7	7	7	24-May-24	30-May-24	173	Cure Detention Pond Outlet Structure
A4480	Install Detention Pond Access Road	5	5	5	24-May-24	31-May-24	127	I thistall Detertion Pond Access Road
A4330	Grade and Prep South Laydown Yard	2	2	2	29-May-24	30-May-24	128	Cirade and Frep South Laydown Yard
A4340	Temporary Access Road	10	10	10	31-May-24	13-Jun-24	128	Temporary Access Road
A7150	FRP Detention Pond Outlet Structure Walls	5	5	5	31-May-24	06-Jun-24	121	FRP Detertion Pond Outlet Structure Walls
A7180	Install Fine Grade Detention Pond Perimeter Road	5	5	5	03-Jun-24	07-Jun-24	127	Install Fine Grade Detention Pond Perimeter Road
A7030	D/L/B 18" Storm Drain from ST-MH2 to Detention Pond Outlet Structure	5	5	5	07-Jun-24	13-Jun-24	121	D/I/B 18" Storm Drain from ST-MH2 to Detention Pond Outlet Structure
A7170	Misc Metals Detention Pond Outlet Structure Walls	5	5	5	07-Jun-24	13-Jun-24	128	Misc Metals Detention Pond Outlet Structure Walls
A4490	Install Detention Pond Perimeter Road	5	5	5	10-Jun-24	14-Jun-24	127	Install Detention Pond Perimeter Road
A4380	D/L/B 18" Storm Drain from ST-MH1 to Curb Inlet on Ballentine	5	5	5	14-Jun-24	20-Jun-24	121	DA/B 18" Storm Drain from \$1-MH11 to Curb Inlet on Ballentine
A4390	Restore Asphalt / Curb / Sidewalk Ballentine	2	2	2	21-Jun-24	24-Jun-24	121	Restore Asphalt / Curb / Sidewalk Ballentine
4 - Treatmen	t Building (EWP)	93	93	93	24-May-24	04-Oct-24	0	

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Johnstown WTP Expansion Project - LIVE



Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float	2023 2024 2025	2026 2027
					2411 24	20.0		F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D	J F M A M J Jul A S O N D J F M A M J
Civil		73	73	73	24-May-24	06-Sep-24	0		
A4070	Dewatering Prep Membrane Feed Wetwell - Treatment Building	5	5	5	24-May-24	31-May-24	0	Cvewatering Prep Membrahe Feed Wetwell Treatme	<i>V74/1/1////</i>
A3980	Excavate Membrane Feed Wetwell - Treatment Building	8	8	8	03-Jun-24	12-Jun-24	0	RPR DExpanate Membrane Feed Wetwell - Treatment Bui	
A4060	Subgrade Prep Membrane Feed Wetwell - Treatment Building	5	5	5	13-Jun-24	19-Jun-24	0	Part Supprade Prep Membrahe Feed Wetwell - Treatme	
A2940	Hydrotest Membrane Feed Wetwell - Treatment Building	10	10	10	02-Aug-24	15-Aug-24	0	Time Tribudiotest Membrahe Feed Wetwell- Treatme	
A4010	Backfill Membrane Feed Wetwell - Treatment Building	10	10	10	16-Aug-24	29-Aug-24	0	Backfill Membrane Feed/Wetwell - Treatmer	
A2500	Subgrade Prep Aggregate Piers - Treatment Building	5	5	5	30-Aug-24	06-Sep-24	0	Subgrade Prep Aggregate Piers - Treatmen	Building
Concrete	/Structural	75	75	75	20-Jun-24	04-Oct-24	0		
A2470	FRP Slab Membrane Feed Wetwell - Treatment Building	8	8	8	20-Jun-24	01-Jul-24	0	FRP Stat Membrane Feed Wetwell - Treatment B	
A4040	Cure Slab Membrane Feed Wetwell - Treatment Building	7	7	7	02-Jul-24	11-Jul-24	0	Cure Slab Membrane Feed Wetwell - Treatment	7/////////
A3990	FRP Walls Membrane Feed Wetwell - Treatment Building	8	8	8	12-Jul-24	23-Jul-24	0	FRP Walls Membrane Feed Wetwell - Treatmer	
A4030	Cure Walls Membrane Feed Wetwell - Treatment Building	7	7	7	24-Jul-24	01-Aug-24	0	Cure Walls Membrahe Feed Wetwell - Treatme	
A4050	Install Shoring - Membrane Feed Wetwell - Treatment Building	5	5	5	24-Jul-24	30-Jul-24	2	Install Shoring - Mentibrane Feed Wetwell - Trea	
A4000	FRP Deck Membrane Feed Wetwell - Treatment Building	10	10	10	31-Jul-24	13-Aug-24	2	PFRP Deck Membrane Feed Wetwell Treatment	ent Building
A2580	Aggregate Piers - Treatment Building	20	20	20	09-Sep-24	04-Oct-24	0	☐ Aggregate Piers - Treatment Building	
Work Aut	horization 2	757	757	757	10-Feb-23	17-Feb-26	0		
	lilestones (L1)	0	0	0	08-Jan-26	08-Jan-26	0		
	185 Early Work Package Work Authorization 2 Substantial Completion (08-Jan-26)	0	0	0	00 0411 20	08-Jan-26*	0		Early Work Package Work Authorization 2 Subst
P-Package	. ,	757	757	757	10-Feb-23	17-Feb-26	0		Larry Works ackage Work Authorization 2 outsi
		101					47		
la la companya da la	rgency Generators	485	485	485	22-Nov-23	28-Oct-25	47	Develop REP P-01	
A6670	Develop RFP P-01	5	5	5	22-Nov-23	30-Nov-23	47	□ Bid RFP P-01	
A6680	Bid RFP P-01	15	15	15	01-Dec-23	21-Dec-23	47		
A6690	Review RFP P-01 with town	5	5	5	22-Dec-23	02-Jan-24	47	Review RFP P-01 with town	
A4550	Negotiations, Development, and Execute of Contracts with Vendors - P-01 Emerg	30	30	30	03-Jan-24	14-Feb-24	47	Negotiation's, Development, and Execute of Contracts with Ver	
A1940	Submit/Approve/Deliver Backup Generators (3ea.) (25/25/325)	430	430	430	15-Feb-24	28-Oct-25	47	Subn	it/Approve/Deliver Backup Generators (3ea.) (25/
P-02 MCC	's and SWBD's	516	516	516	29-Jan-24	17-Feb-26	0		
A6700	Develop RFP P-02	5	5	5	29-Jan-24	02-Feb-24	0	Develop RF PP-02	
A6710	Bid RFP P-02	15	15	15	05-Feb-24	26-Feb-24	0	Blid RFP P-02	
A6720	Review RFP P-02 with town	5	5	5	27-Feb-24	04-Mar-24	0	Review FLFP P-02 with town	
A4630	Negotiations, Development, and Execute of Contracts with Vendors - P-02 Motor	30	30	30	05-Mar-24	15-Apr-24	0	Negotiations, Development, and Execute of Contracts wi	
A2320	Procure/Submit/Approve/Deliver MCCs (3ea.) (30/80/25/300)	435	435	435	16-Apr-24	08-Jan-26	0		Procure/Submit/Approve/Deliver MCCs (3ea.) (3
A1950	Procure/Submit/Approve/Deliver SWBDs (3ea.) (30/80/25/300)	435		435	•		0		Procure/Submit/Approve/Deliver SWBDs (3
P-03 Verti	cal Turbine Pumps	420	420	420	29-Nov-23	31-Jul-25	109		
A6730	Develop RFP P-03	5	5	5	29-Nov-23	05-Dec-23	109	Develop RFP P-03////	
A6740	Bid RFP P-03	15	15	15	06-Dec-23	28-Dec-23	109	Bid RFP P-03	
A6750	Review RFP P-03 with town	5	5	5	29-Dec-23	05-Jan-24	109	Review RFP F-03 with town	
A4710	Negotiations, Development, and Execute of Contracts with Vendors - P-03 Vertica	30	30	30	08-Jan-24	20-Feb-24	109	Negotiations, Develorment, and Execute of Contracts with Ve	ndors - 19-03 Vertical Turbine Pumps
A2810	Submit/Approve/Deliver Vertical Turbine Pumps (35/25/260)	365	365	365	21-Feb-24	31-Jul-25	109	Submit/Appro	ve/Deliver Vertical Turbine Pumps (35/25/260)
	Vessels and Media	270			29-Nov-23	26-Dec-24	195		
A6760	Develop RFP P-04	5	5	5	29-Nov-23	05-Dec-23	195	Develop REP P-04	
A6770	Bid RFP P-04	15	15	15	06-Dec-23	28-Dec-23	195	Bid RFP P-04	
A6780	Review RFP P-04 with town	5	5	5	29-Dec-23	05-Jan-24	195	Review REP F-04 with town	
A4790	Negotiations, Development, and Execute of Contracts with Vendors - P-04 GAC V	30	30	30	08-Jan-24	20-Feb-24	195	Negotiations, Development, and Execute of Contracts with Ve	ndors - P-04 GAC Vessels and Media
A3420	Submit/Approve/Deliver GAC Vessels (35/25/130)	215	215		21-Feb-24	26-Dec-24	195	Submit/Approve/Deliver GAC Ve	
	Inment of Membrane Supply	417		417	10-Feb-23	04-Oct-24	265		` <i>\\\\\\\\\\\</i>
A1240	Owner Procure/Submit/Approve Membrane Package	163	163	163	10-Feb-23	02-Oct-23	339	Owner Procure/Submit Approve Membrane Package	
	• • • • • • • • • • • • • • • • • • • •	5	-			02-Oct-23 03-Nov-23	265	Develop RFP P-05	
A6790	Develop RFP P-05  Bid RFP P-05	_	5	5 15	30-Oct-23			□ Bid RFP P-05	
A6800		15	15	15	06-Nov-23	28-Nov-23	265	Review REP.P-05 with town	
A6810	Review RFP P-05 with town	5	5	5	29-Nov-23	05-Dec-23	265	Negotiations, Development, and Execute of Contracts with Vend	DOE Accionment of Manheon Cumh
A 4070	INVESTIGATIONS LIGUIDATIONS AND EVOCUTO OF CONTRACTS WITH MONAGES DICENTIAL	30	30	30	06-Dec-23	22-Jan-24	265	THE CONTRACTOR IN THE TREADURATIONS IN THE RECORD OF THE CONTRACTOR WILL VEHICLE AND EXECUTE OF CONTRACTS WILL VEHICLE	no - n -poyrogaynanenconyonylennolane oupply
A4870 A1230	Negotiations, Development, and Execute of Contracts with Vendors - P-05 Assign Deliver Membrane Package (180 WDs)	180	-		23-Jan-24	04-Oct-24	265	Deliver Membrane Package (180 WDs)	

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Johnstown WTP Expansion Project - LIVE
JTWTP - Full Schedule



Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float			2024	2025		2026		27
			Dur					F M A M J Jul A S O N D	J F N	MAMJJULASONC	D J F M A M J Jul A S O N [	J F M A	M J Jul A S O	N D J F M	A M J <sup>Ju</sup>
	ineered Metal Building (Treatment Building Only)	250	250	250	29-Jan-24	24-Jan-25	216								
A6820	Develop RFP P-06	5	5	5	29-Jan-24	02-Feb-24	216			evelop RFP 19-06					
A6830	Bid RFP P-06	15	15	15	05-Feb-24	26-Feb-24	216			BRIPRED 17-00 PR					
A6840	Review RFP P-06 with town	5	5	5	27-Feb-24	04-Mar-24	216			Review FLFP Pupp with to					
A5350	Negotiations, Development, and Execute of Contracts with Vendors - P-06 Pre-En	30	30	30	05-Mar-24	15-Apr-24	216		-	n Negotiations, Develop	oment, and Execute of Contracts	with Vendor	s - P-06 Pre-Engir	neered Metal B	Building
A2080	Submit/Approve/Deliver Pre-Engineered Metal Buildings (40/25/130)	195	195	195	16-Apr-24	24-Jan-25	216				Submit/Approve/Deliver Pre-	-Engineered	Metal Buildings (	0/25/130)	
P-07 Electric	al Preconstruction Services	55	55	55	29-Jan-24	15-Apr-24	26								
A6850	Develop RFP P-07	5	5	5	29-Jan-24	02-Feb-24	26		ļ [)е	evelop RFP P-07//					
A6860	Bid RFP P-07	15	15	15	05-Feb-24	26-Feb-24	26		<u> </u>	Bid REP P-07///		2			
A6870	Review RFP P-07 with town	5	5	5	27-Feb-24	04-Mar-24	26		þ	Review F FP P-07 with to	wn ///////				
A6530	Negotiations, Development, and Execute of Contracts with Vendors - P-07 Electric	30	30	30	05-Mar-24	15-Apr-24	26			Negetiations, Develop	oment, and Execute of Contracts	with Vendor	s - P-07 Electrical	Preconstruction	on Servic
Work Autho			343		16-Apr-24	25-Aug-25	360								
			171				489								
Procurement					16-Apr-24	17-Dec-24					0000				
A9360	Begin Procurement Process (WA3)	0	0	0	16-Apr-24	47.5	6			* Begir Procurement P	rocess (VVA3)				
Submittals/D		171	171	171	16-Apr-24	17-Dec-24	489								
CSI Current		171	171	171	16-Apr-24	17-Dec-24	489								
Division 03	- Concrete	85	85	85	16-Apr-24	14-Aug-24	28								
S1050	Execute Agreement Concrete Formwork	30	30	30	16-Apr-24	28-May-24	28				ent Concrete Formwork				
S1100	Execute Agreement Vapor Retarder	30	30	30	16-Apr-24	28-May-24	28			Execute Agreeme					
S1150	Execute Agreement Concrete Reinforcement	30	30	30	16-Apr-24	28-May-24	28			Execute Agreeme	ent Concrete Reinforcement				
S1200	Execute Agreement Cast-in-Place Concrete	30	30	30	16-Apr-24	28-May-24	28			Execute Agreeme	ent Cast-in-Place Concrete				
S1060	Develop Submittal Concrete Formwork	10	10	10	29-May-24	11-Jun-24	28			Develop Stibmit	tal Concrete Formwork	2			
S1110	Develop Submittal Vapor Retarder	10	10	10	29-May-24	11-Jun-24	28			Develop Submit	tal Vapor Retarder				
S1160	Develop Submittal Concrete Reinforcement	10	10	10	29-May-24	11-Jun-24	28			Develop Submit	tal Concrete Reinforcement				
S1210	Develop Submittal Cast-in-Place Concrete	10	10	10	29-May-24	11-Jun-24	28			Develop Submit	tal Cast-in-Place Concrete				
S1070	MWH Review and Approve Concrete Formwork	5	5	5	12-Jun-24	18-Jun-24	28			MWH Review a	and Approve Concrete Formwork				
S1120	MWH Review and Approve Vapor Retarder	5	5	5	12-Jun-24	18-Jun-24	28			MWH Review a	and Approve Vapor Retarder				
S1170	MWH Review and Approve Concrete Reinforcement	5	5	5	12-Jun-24	18-Jun-24	28				and Approve Concrete Reinforcen	nent			
S1220	MWH Review and Approve Cast-in-Place Concrete	5	5	5	12-Jun-24	18-Jun-24	28				and Approve Cast-in-Place Concr	- i i i 🖊			
S1080	Engineer Review and Approve Concrete Formwork	20	20	20	19-Jun-24	17-Jul-24	28				view and Approve Concrete Form	1 1 1 /			
S1130	Engineer Review and Approve Vapor Retarder	20	20	20	19-Jun-24	17-Jul-24	28				view and Approve Vapor Retarder	- i - i - 1/-			
S1180	Engineer Review and Approve Concrete Reinforcement	20	20	20	19-Jun-24	17-Jul-24	28				view and Approve Concrete Reinf				
S1230	Engineer Review and Approve Contrete Reministration  Engineer Review and Approve Cast-in-Place Concrete	20	20	20	19-Jun-24	17-Jul-24	20				view and Approve Cast-in-Place (	/			
S1090	Fabricate and Deliver Concrete Formwork	20	20	20	18-Jul-24	17-3ui-24 14-Aug-24	28				and Deliver Concrete Formwork				
S1140	Fabricate and Deliver Contrete Formwork  Fabricate and Deliver Vapor Retarder	-		20	18-Jul-24	14-Aug-24 14-Aug-24	28				and Deliver Vapor Retarder	2			
S1140 S1190	Fabricate and Deliver Vapor Retarder  Fabricate and Deliver Concrete Reinforcement	20	20		18-Jul-24	-	28				and Deliver Concrete Reinforcem	nent			
	Fabricate and Deliver Concrete Remiorcement	20		20		14-Aug-24	_				and Deliver Cast-in-Place Concre	i i i /			
S1240		20	20	20	18-Jul-24	14-Aug-24	28 29			- Contract of the contract of	and Denvir Casenti lace Concide				
	- Thermal and Moisture Protection	95	95	95	16-Apr-24	28-Aug-24				Execute Agreeme	ant laint Callada				
S2100	Execute Agreement Joint Sealants	30	30	30	16-Apr-24	28-May-24	29								
S2110	Develop Submittal Joint Sealants	10	10	10	29-May-24	11-Jun-24	29			Develop Submit		//			
S2120	MWH Review and Approve Joint Sealants	5	5	5	12-Jun-24	18-Jun-24	29				and Approve Joint Sealants				<b> </b>
S2130	Engineer Review and Approve Joint Sealants	20	20	20	19-Jun-24	17-Jul-24	29				view and Approve Joint Sealants				
S2140	Fabricate and Deliver Joint Sealants	30	30	30	18-Jul-24	28-Aug-24	29			Pablicate	and Deliver Joint Sealants				
Division 26		171	171		16-Apr-24	17-Dec-24	294								
S5450	Execute Agreement General Electrical Requirements	30	30	30	16-Apr-24	28-May-24					ent General Electrical Requiremen	/			
S5500	Execute Agreement Low-Voltage Conductors and Cables	30	30	30	16-Apr-24	28-May-24	56				ent Low-Voltage Conductors and (	- i - i - I - /			
S5950	Execute Agreement Low Voltage Distribution Transformers	30	30	30	16-Apr-24	28-May-24	370				ent Low Voltage Distribution Trans	sformers			
S6000	Execute Agreement Switchboards	30	30	30	16-Apr-24	28-May-24	366			Execute Agreeme					
S6100	Execute Agreement Motor Control Centers	30	30	30	16-Apr-24	28-May-24	366				ent Motor Control Centers				
S6250	Execute Agreement Enclosed Switches and Circuit Breakers	30	30	30	16-Apr-24	28-May-24	56			Execute Agreeme	ent Enclosed Switches and Circui	it Breakers			
S6300	Execute Agreement Enclosed Controllers	30	30	30	16-Apr-24	28-May-24	56			Execute Agreeme	ent Enclosed Controllers				
S6350	Execute Agreement Manual and Magnetic Motor Controllers	30	30	30	16-Apr-24	28-May-24				Execute Agreeme	ent Manual and Magnetic Motor C	Controllers			
					•			***							
Data Date: 10-Feb-2	···					Joh	nstow	n WTP Expansion Proje	ct - L	LIVE			M кл V		

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Activ	ty ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	
			Dur	Dur					F M A M J Jul A S O N D J F M A M J <mark>Jul A S O</mark> N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul
	S6400	Execute Agreement Variable-Frequency Motor Controllers	30	30	30	16-Apr-24	28-May-24	361	Execute Agreement Variable-Fréquency Motor Controllers
	S6500	Execute Agreement Static Uninterruptible Power Supply	30	30	30	16-Apr-24	28-May-24	56	Execute Agreement Static Uninterruptible Power Supply
	S6550	Execute Agreement Harmonic Filters	30	30	30	16-Apr-24	28-May-24	56	Execute Agreement Harmonic Filters
	S5460	Develop Submittal General Electrical Requirements	10	10	10	29-May-24	11-Jun-24	56	part Develop Submittal General Electrical Requirements
	S5510	Develop Submittal Low-Voltage Conductors and Cables	10	10	10	29-May-24	11-Jun-24	56	tigne Develop Submittal Low-Voltage Conductors and Cables ////////////////////////////////////
	S5960	Develop Submittal Low Voltage Distribution Transformers	10	10	10	29-May-24	11-Jun-24	370	Develop Submittal Low Voltage Distribution Transformers
	S6010	Develop Submittal Switchboards	10	10	10	29-May-24	11-Jun-24	366	Develop Submittal Switchboards
	S6110	Develop Submittal Motor Control Centers	10	10	10	29-May-24	11-Jun-24	366	Develop Submittal Motor Control Centers
	S6260	Develop Submittal Enclosed Switches and Circuit Breakers	10	10	10	29-May-24	11-Jun-24	56	Develop Submittal Enclosed Switches and Circuit Breakers
	S6310	Develop Submittal Enclosed Controllers	10	10	10	29-May-24	11-Jun-24	56	Develop Submittal Enclosed Controllers
	S6360	Develop Submittal Manual and Magnetic Motor Controllers	10	10	10	29-May-24	11-Jun-24	56	Develop Submittal Manual and Magnetic Motor Controllers
	S6410	Develop Submittal Variable-Frequency Motor Controllers	10	10	10	29-May-24	11-Jun-24	361	Develop Submittal Variable Frequency Motor Controllers
	S6510	Develop Submittal Static Uninterruptible Power Supply	10	10	10	29-May-24	11-Jun-24	56	Develop Submittal Static Uninterruptible Power Supply
	S6560	Develop Submittal Harmonic Filters	10	10	10	29-May-24	11-Jun-24	56	Develop Submittal Harmonic Filters
	S5470	•	5	5	5	12-Jun-24	18-Jun-24	56	MWH Review and Approve General Electrical Requirements
		MWH Review and Approve Low Voltage Conductors and Cables		-	-	12-Jun-24 12-Jun-24	18-Jun-24 18-Jun-24	56	1 MWVH Review and Approve Low-Voltage Conductors and Cables
	S5520	MWH Review and Approve Low Voltage Conductors and Cables	5	5	5				1 MW/H Review and Approve Low Voltage Distribution Transformers
	S5970	MWH Review and Approve Low Voltage Distribution Transformers	5	5	5	12-Jun-24	18-Jun-24	370	1 MW/H Review and Approve Switchboards
	S6020	MWH Review and Approve Switchboards	5	5	5	12-Jun-24	18-Jun-24	366	MWH Review and Approve Motor Control Centers
	S6120	MWH Review and Approve Motor Control Centers	5	5	5	12-Jun-24	18-Jun-24	366	MWH Review and Approve Enclosed Switches and Circuit Breakers
	S6270	MWH Review and Approve Enclosed Switches and Circuit Breakers	5	5	5	12-Jun-24	18-Jun-24	56	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	S6320	MWH Review and Approve Enclosed Controllers	5	5	5	12-Jun-24	18-Jun-24	56	MWH Review and Approve Enclosed Controllers
Ш	S6370	MWH Review and Approve Manual and Magnetic Motor Controllers	5	5	5	12-Jun-24	18-Jun-24	56	MWH Review and Approve Manual and Magnetic Motor Controllers
Ш	S6420	MWH Review and Approve Variable-Frequency Motor Controllers	5	5	5	12-Jun-24	18-Jun-24	361	MWH Review and Approve Variable-Friequency Motor Controllers
Ш	S6520	MWH Review and Approve Static Uninterruptible Power Supply	5	5	5	12-Jun-24	18-Jun-24	56	MWH Review and Approve Static Uninterruptible Power Supply
Ш	S6570	MWH Review and Approve Harmonic Filters	5	5	5	12-Jun-24	18-Jun-24	56	MiWH Review and Approve Harmonic Filters
Ш	S5480	Engineer Review and Approve General Electrical Requirements	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve General Electrical Requirements
Ш	S5530	Engineer Review and Approve Low-Voltage Conductors and Cables	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Low-Voltage Conductors and Cables
Ш	S5980	Engineer Review and Approve Low Voltage Distribution Transformers	20	20	20	19-Jun-24	17-Jul-24	370	Engineer Review and Approve Low Voltage Distribution Transformers
	S6030	Engineer Review and Approve Switchboards	20	20	20	19-Jun-24	17-Jul-24	366	Engineer Review and Approve Switchboards
	S6130	Engineer Review and Approve Motor Control Centers	20	20	20	19-Jun-24	17-Jul-24	366	Engineer Review and Approve Motor Control Centers
Ш	S6280	Engineer Review and Approve Enclosed Switches and Circuit Breakers	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Enclosed Switches and Circuit Breakers
Ш	S6330	Engineer Review and Approve Enclosed Controllers	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Enclosed Controllers
Ш	S6380	Engineer Review and Approve Manual and Magnetic Motor Controllers	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Manual and Magnetic Motor Controllers
Ш	S6430	Engineer Review and Approve Variable-Frequency Motor Controllers	20	20	20	19-Jun-24	17-Jul-24	361	Engineer Review and Approve Variable-Frequency Motor Controllers
Ш	S6530	Engineer Review and Approve Static Uninterruptible Power Supply	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Static Uninterruptible Power Supply
Ш	S6580	Engineer Review and Approve Harmonic Filters	20	20	20	19-Jun-24	17-Jul-24	56	Engineer Review and Approve Harmonic Filters
	S5490	Fabricate and Deliver General Electrical Requirements	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver General Electrical Requirements
	S5540	Fabricate and Deliver Low-Voltage Conductors and Cables	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Low-Voltage Conductors and Cables
	S5990	Fabricate and Deliver Low Voltage Distribution Transformers	30	30	30	04-Nov-24	17-Dec-24	294	Fabricate and Deliver Low Voltage Distribution Transformers
	S6040	Fabricate and Deliver Switchboards	30	30	30	04-Nov-24	17-Dec-24	290	Fabricate and Deliver Switchboards
	S6140	Fabricate and Deliver Motor Control Centers	30	30	30	04-Nov-24	17-Dec-24	290	Fabricate and Deliver Motor Control Centers
	S6290	Fabricate and Deliver Enclosed Switches and Circuit Breakers	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Enclosed Switches and Circuit Breakers
	S6340	Fabricate and Deliver Enclosed Controllers	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Enclosed Controllers
	S6390	Fabricate and Deliver Manual and Magnetic Motor Controllers	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Manual and Magnetic Motor Controllers
	S6440	Fabricate and Deliver Variable-Frequency Motor Controllers	30	30	30	04-Nov-24	17-Dec-24	285	Fabricate and Deliver Variable-Frequency Motor Controllers
	S6540	Fabricate and Deliver Static Uninterruptible Power Supply	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Static Uninterruptible Power Supply
	S6590	Fabricate and Deliver Harmonic Filters	30	30	30	04-Nov-24	17-Dec-24	-20	Fabricate and Deliver Harmonic Filters
		- Earthwork	95		95	16-Apr-24	28-Aug-24	565	
	S6850	Execute Agreement Site Preparation and Earthwork	10	10	10	16-Apr-24	29-Apr-24	27	Execute Agreement Site Preparation and Earthwork
	S6900	Execute Agreement Subgrade Preparation	10	10	10	16-Apr-24	29-Apr-24	47	Execute Agreement Subgrade Preparation
	S6950	Execute Agreement Excavation and Filling for Structures	30	30	30	16-Apr-24	29-Apr-24 28-May-24	199	Execute Agreement Excavation and Filling for Structures
	S7000	Execute Agreement Trenching and Filling for Utilities	_	30	30	16-Apr-24	28-May-24	565	Execute Agreement Trenching and Filling for Utilities
	37000	LAGARE AGREEMENT THE REMAINING AND FINITING TO CHINNES	30	30	30	10-Apr-24	20-iviay-24	303	[ : [//////// : : : :   ///////   : : : : : :

Data Date:10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 6 of 32



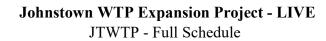
Johnstown WTP Expansion Project - LIVE



Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	
		Dur	Dur					F M A M J Jul A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M
S7050	Execute Agreement Soil Surface Erosion Control	30	30	30	16-Apr-24	28-May-24	563	Execute Agreement Soil Surface Erosion Control
S7100	Execute Agreement Ground Improvement	30	30	30	16-Apr-24	28-May-24	6	Execute Agreement Ground Improvement
S6860	Develop Submittal Site Preparation and Earthwork	5	5	5	30-Apr-24	06-May-24	27	RPRDevelope Submittal Site Preparation and Earthwork
S6910	Develop Submittal Subgrade Preparation	5	5	5	30-Apr-24	06-May-24	47	palt Develop Submittal Subgrade Preparation
S6870	MWH Review and Approve Site Preparation and Earthwork	1	1	1	07-May-24	07-May-24	27	time W/H Review and Approve Site Preparation and Earthwork
S6920	MWH Review and Approve Subgrade Preparation	1	1	1	07-May-24	07-May-24	47	MV/H: Review and Approve Subgrade Preparation
S6880	Engineer Review and Approve Site Preparation and Earthwork	20	20	20	08-May-24	05-Jun-24	27	Engineer Review and Approve Site Preparation and Earthwork
S6930		20	20	20	08-May-24	05-Jun-24	47	Engineer Review and Approve Subgrade Preparation
S6960		10	10	10	29-May-24	11-Jun-24	199	Develop Submittal Excavation and Filling for Structures
S7010	•	10	10	10	29-May-24	11-Jun-24	565	Develop Submittal Trenching and Filling for Utilities
S7060		10	10	10	29-May-24	11-Jun-24	563	Develop Submittal Soil Surface Erosion Control
S7110	•	10	10	10	29-May-24	11-Jun-24	6	Develop Submittal Ground Improvement
S6890		5	5	5	06-Jun-24	12-Jun-24	27	1 Fabricate and Deliver Site Preparation and Earthwork
S6940	·	5	5	5	06-Jun-24	12-Jun-24	47	1 Fabricate and Deliver Subgrade Preparation
S6970		5	5	5	12-Jun-24	18-Jun-24	199	MWH Review and Approve Excavation and Filling for Structures
S7020		5	5	5	12-Jun-24	18-Jun-24	565	1 MW/H Review and Approve Trenching and Filling for Utilities
S7070		5	5	5	12-Jun-24	18-Jun-24	563	1 MWH Review and Approve Soil Surface Erosion Control
S7120		5	5	5	12-Jun-24	18-Jun-24	6	MWH Review and Approve Ground Improvement
S6980	11	20	20	20	19-Jun-24	17-Jul-24	199	Engineer Review and Approve Excavation and Filling for Structures
S7030		20	20	20	19-Jun-24 19-Jun-24	17-Jul-24 17-Jul-24	565	Engineer Review and Approve Trenching and Filling for Utilities
S7030		20	20	20	19-Jun-24	17-Jul-24 17-Jul-24	563	5.5 Engineer Review and Approve Soil Surfage Erosion Control
S7130	11	20	20	20	19-Jun-24	17-Jul-24 17-Jul-24	505	5 Engineer Review and Approve Ground Improvement
	11 1						400	Fablicate and Deliver Excavation and Filling for Structures
S6990		30	30	30	18-Jul-24	28-Aug-24	199	Fabricate and Deliver Trenching and Filling for Utilities
S7040	0 0	30	30	30	18-Jul-24	28-Aug-24	565	Fablicate and Deliver Spil Surface Erosion Control
S7090		30	30	30	18-Jul-24	28-Aug-24	563	Fablicate and Deliver Ground Improvement
S7140	1	30	30	30	18-Jul-24	28-Aug-24	6	Pradicale and Deliver Ground in powerine it
	on 33 - Utilities	145			16-Apr-24	07-Nov-24	469	
S7550	i i	30	30	30	16-Apr-24	28-May-24	463	Execute Agreement Exterior Pipe
S7600	,	30	30	30	16-Apr-24	28-May-24	106	Execute Agraement Utility Walves and Accessories
S7750		30	30	30	16-Apr-24	28-May-24	513	Execute Agreement Pipe Installation
S7850	·	30	30	30	16-Apr-24	28-May-24	519	Execute Agreement Utility Structures
S7560		10	10	10	29-May-24	11-Jun-24	463	Develop Submittal Exterior Pipe
S7610	,	10	10	10	29-May-24	11-Jun-24	106	Develop Submittal Utility Valves and Accessories
S7760	Develop Submittal Pipe Installation	10	10	10	29-May-24	11-Jun-24	513	Develop Submittal Pipe Installation
S7860	Develop Submittal Utility Structures	10	10	10	29-May-24	11-Jun-24	519	Develop Submittal Utility Structures
S7570	MWH Review and Approve Exterior Pipe	5	5	5	12-Jun-24	18-Jun-24	463	MWH Review and Approve Exterior Pipe
S7620	MWH Review and Approve Utility Valves and Accessories	5	5	5	12-Jun-24	18-Jun-24	106	MWH Review and Approve Utility Valves and Accessories
S7770	MWH Review and Approve Pipe Installation	5	5	5	12-Jun-24	18-Jun-24	513	MWH Review and Approve Pipe Installation
S7870	MWH Review and Approve Utility Structures	5	5	5	12-Jun-24	18-Jun-24	519	MW/H Review and Approve Utility Structures
S7580	Engineer Review and Approve Exterior Pipe	20	20	20	19-Jun-24	17-Jul-24	463	Engineer Review and Approve Exterior Pipe
S7630	Engineer Review and Approve Utility Valves and Accessories	20	20	20	19-Jun-24	17-Jul-24	106	Engineer Review and Approve Utility Valves and Accessories
S7780	Engineer Review and Approve Pipe Installation	20	20	20	19-Jun-24	17-Jul-24	513	Figineer Review and Approve Pipe Installation
S7880	Engineer Review and Approve Utility Structures	20	20	20	19-Jun-24	17-Jul-24	519	Figureer Review and Approve Utility Structures
S7590	Fabricate and Deliver Exterior Pipe	80	80	80	18-Jul-24	07-Nov-24	463	Fabricate and Deliver Exterior Pipe
S7640	·	30	30	30	18-Jul-24	28-Aug-24	106	Fab icate and Deliver Utility Valves and Accessories
S7790	•	30	30	30	18-Jul-24	28-Aug-24	513	Fabricate and Deliver Pipe Installation
S7890	·	30	30	30	18-Jul-24	28-Aug-24	519	Fablicate and Deliver Utility Structures
Constru	·		302		13-Jun-24	25-Aug-25	360	
Sitewor		287			05-Jul-24	25-Aug-25	335	
A4350	Sheet Pile and Prep Backwash Pond - WA3	10	10	10	05-Jul-24	18-Jul-24	607	Sheet File and Prep Backwash Pond - WA3
A4360	Retaining Wall Backwash Pond	5	5	5	19-Jul-24	25-Jul-24	607	9 Retaining Wall Backwash Pond
A7100	D/L/B 8" PVC Sanitary from SS-MH4 to SS-MH3	5	5	5	18-Nov-24	22-Nov-24	463	□ D/L/B 8" FV/C Sanitary from SS-MH4 to SS-MH3
Ai 100	DID 0 1 VO Carillary Iron Co-IVII 14 to Co-IVII 10		<u> </u>	J	10-1107-24	22-1 NOV-24	700	

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Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	2023		2	024	2025	2026 2027
			Dur					F M A M J Jul A S O N C	D J F M	A M J	Jul A S O		N D J F M A M J Jul A S O N D J F M A M
A7110	D/L/B 8" PVC Sanitary from SS-MH3 to existing SS-MH2	5	5	5	25-Nov-24	03-Dec-24						D/L/B 8" PVC Sanitary from 9	
A6110	D/L/B 24" RCP Storm Drain from ST-MH4 to ST-MH9	5	5	5	09-Dec-24	13-Dec-24						D/L/B 24" RCP Storm Drain	
A7090	D/L/B 24" RCP Storm Drain from ST-MH9 to Curb Inlet	5	5	5	16-Dec-24	20-Dec-24	494			RPR//	RPR//	D/L/B 24" RCP Storm Orain	
A2790	Installl 10" PVC Underdrain Piping West - Treament Building	10	10	10	23-Dec-24	08-Jan-25	494			art//	/Føll//	V / / / / / / / / / / / / / / / / / / /	in Piping West - Treament Building
A6100	D/L/B 42" RCP Storm Drain from Treatment Building and DCB to ST-MH6	5	5	5	17-Jan-25	24-Jan-25	463			ime/	Time/		rain from Treatment Building and DCB to ST-MH6
A7070	D/L/B 42" RCP Storm Drain from ST-MH6 to ST-MH5	5	5	5	27-Jan-25	31-Jan-25	463						Prain from ST-MH6 to ST-MH5
A7080	D/L/B 42" RCP Storm Drain from ST-MH5 to ST-MH4	5	5	5	03-Feb-25	07-Feb-25	463						Drain from ST MH5 to ST-MH4
A7130	Installl 10" PVC Underdrain Piping East - Treament Building	10	10	10	10-Feb-25	24-Feb-25	463					□ Install 10" PVC Unde	rdrain Piping East Treament Building
Earthwork		30	30	30	05-Jul-24	15-Aug-24	96						
A1770	Fill Existing Drying Pond for Residuals Building	10	10	10	05-Jul-24	18-Jul-24	96				X / / / / / /	ting Drying Pond for Residuals Bu	ilding
A1450	Import Native Soil **Balanced Jobsite**	20	20	20	05-Jul-24	01-Aug-24	101				X / / / / / /	Native Soil **Balanced Jobsite**	
A4220	Compact Native Soil	20	20	20	19-Jul-24	15-Aug-24	96				Com	pact Native Soil	
Yard Piping		248	248	248	29-Aug-24	25-Aug-25	335						
A3970	D/L/B 6" Natural Gas Line	15	15	15	13-Jan-25	03-Feb-25	477					D/L/B 6" Natural Gas L	ne:
A4610	D/L/B 4" DI Potable Water Re-route from Existing DAF Building to Existing Pump	5	5	5	12-Aug-25	18-Aug-25	335						4" DI Potable Water Re-route from Existing DAF B
A8040	Pressure Test and Disinfection 4" DI Potable Water Re-route from Existing DAF B	5	5	5	19-Aug-25	25-Aug-25	335					© Pres	sure Test and Disinfection 4" DI Potable Water Re-r
A4560	Yard Piping Complete	0	0	0		25-Aug-25	335					<b>\$</b> Yard	Piping Complete
Treatment		120	120	120	29-Aug-24	24-Feb-25	463						
A7000	D/L/B 30" Remaining Clarified Water to Existing Overflow Structure	5	5	5	29-Aug-24	05-Sep-24	524				P/D/L	/B 30" Remaining Clarified Water	to Existing Overflow Structure
A7800	Pressure Test 30" Remaining Clarified Water to Existing Overflow Structure	1	1	1	06-Sep-24	06-Sep-24					///V/Pre	ssure Test 30 Remaining Clarifie	d Water to Existing Overflow Structure
A4140	D/L/B 6" Process Waste Force Main from STA 3+21.76 to existing MH	5	5	5	08-Nov-24	14-Nov-24	463					D/L/B 6" Process Waste Force	Main from STA3+21.76 to existing MH
A5640	D/L/B 8" Sanitary Sewer from Treatment Building to MH-SS4	1	1	1	15-Nov-24	15-Nov-24	463					D/L/B 8" Sanitary Sewer from	Freatment Building to MH-S\$4
A7830	Pressure Test 6" Process Waste Force Main from Drain Pump Station to STA 3+2	2	2	2	15-Nov-24	18-Nov-24	526					Pressure Test 6" Process Was	te Force Main from Drain Pump Station to STA 3+2
A4120	D/L/B 6" Hydrant Supply South of Treatment Building	2	2	2	18-Nov-24	19-Nov-24	523					I D/L/B 6" Hydrant Supply South	of Treatment Building
A7980	Pressure Test and Disinfect 6" Hydrant Supply South of Treatment Building	2	2	2	20-Nov-24	21-Nov-24	523					Pressure Test and Disinfect 6	Hydrant Supply South of Treatment Building
A6990	D/L/B 12" Backwash Recylce from Drain Pump Station to 18" Town Lake RW Line	3	3	3	04-Dec-24	06-Dec-24	463					□ D/L/B 12 Backwash Recylo	e from Drain Pump Station to 18" Town Lake RW Lir
A7970	Pressure Test 8" Sanitary Sewer from Treatment Building to MH-SS2	2	2	2	04-Dec-24	05-Dec-24	515					Pressure Test 8" Sanitary Se	wer from Treatment Building to MH-SS2
A6950	D/L/B 6" Hydrant Supply West of Treatment Building	2	2	2	09-Dec-24	10-Dec-24	497					□ D/L/B 6" Hydrant Supply We	st of Treatment Building
A7120	D/L/B 6" Process Waste Force Main from Drain Pump Station to STA 3+21.76	5	5	5	09-Dec-24	13-Dec-24	463					D/L/B 6" Process Waste Fo	ce Main from Drain Pump Station to STA 3+21.76
A7820	Pressure Test 12" Backwash Recylce from Drain Pump Station to 18" Town Lake	1	1	1	09-Dec-24	09-Dec-24	513			////		Pressure Test 12" Backwas	n Recylce from Drain Pump Station to 18" Town Lak
A7770	Pressure Test and Disinfect 6" Hydrant Supply West of Treatment Building	2	2	2	11-Dec-24	12-Dec-24	510					Pressure Test and Disinfect	6" Hydrant Supply West of Treatment Building
A6970	D/L/B 8" PW from Treatment Building to 12" Fire/Domestic PW	1	1	1	16-Dec-24	16-Dec-24	506					D/L/B 8 PW/from Treatmen	it Building to 12" Fire/Domestic PW
A6980	D/L/B 12" Fire/Domestic PW from Treatment Building to South Vault	5	5	5	16-Dec-24	20-Dec-24						□ D/L/B 12" Fire/Domestic PV	V from Treatment Building to South Vault
A7810	Pressure Test 6" Process Waste Force Main from STA 3+21.76 to existing MH	1	1	1	16-Dec-24	16-Dec-24						Pressure Test 6" Process V	/aste Force Main from STA 3+21.76 to existing MH
A7790	Pressure Test and Disinfect 8" PW from Treatment Building to 12" Fire/Domestic F	2	2	2	17-Dec-24	18-Dec-24						Pressure Test and Disinfect	8" PW from Treatment Building to 12" Fire/Domesti
A7020	D/L/B 6" Hydrant Supply East of Treatment Building	1	1	1	23-Dec-24	23-Dec-24	463					D/L/B 6" Hydrant Supply Ea	st of Treatment Building
A7840	Pressure Test and Disinfect 12" Fire/Domestic PW from Treatment Building to So	2	2	2	23-Dec-24	26-Dec-24	502						t 12" Fire/Domestic PW from Treatment Building to
A5620	D/L/B 36" Combined Filter Effluent from Treatment to Disinfection Contact Basin (I	5	5	5	26-Dec-24	02-Jan-25	463					D/L/B 36" Combined Filter	Effluent from Treatment to Disinfection Contact Bas
A7850	Pressure Test and Disinfect 6" Hydrant Supply East of Treatment Building	2	2	2	26-Dec-24	27-Dec-24	501						t 6" Hydrant Supply East of Treatment Building
A4130	D/L/B 24" Process Waste Drain from Treatment Building to Drain Pump Station	5	5	5	03-Jan-25	09-Jan-25	463						Drain from Treatment Building to Drain Pump Statio
A7860	Pressure Test and Disinfect 36" Combined Filter Effluent from Treatment to Disinfe	2	2	2	03-Jan-25	06-Jan-25	496						ct 36" Combined Fifter Effluent from Treatment to Di
A5590	D/L/B 24" Backwash Recycle from Treatment Building to Drain Pump Station	5	5	5	10-Jan-25	16-Jan-25	463						yole from Treatment Building to Drain Pump Station
A7870	Pressure Test 24" Process Waste Drain from Treatment Building to Drain Pump S	2	2	2	10-Jan-25	13-Jan-25	491						s Waste Drain from Treatment Building to Drain Pu
A7880	Pressure Test 24" Backwash Recycle from Treatment Building to Drain Pump Sta	2	2	2	17-Jan-25	21-Jan-25	486						vash Recycle from Treatment Building to Drain Pum
A6910	D/L/B 18" Process Waste Overflow from Drain Pump Station to Storm Sewer	1	1	1	27-Jan-25	27-Jan-25	463						te Overflow from Drain Pump Station to Storm Sew
A6960	D/L/B 2" PW from Treatment Building to Disinfection Contact Basin (DCB)	1	1	1	27-Jan-25	27-Jan-25	470					1//////////////////////////////////////	ment Building to Disinfection Contact Basin (DCB)
A5600	D/L/B (3) 24" Overflow Drains from the Treatment Building to the Storm Drain	5	5	5	28-Jan-25	03-Feb-25	470						Drains from the Treatment Building to the Storm Dra
A6920	D/L/B 18" Backwash Recycle Overflow from Drain Pump Station to Storm Sewer	1	1	1	28-Jan-25	28-Jan-25						<i>K / : / : / : / : / : / : / : /</i> : /	cycle Overflow from Drain Pump Station to Storm S
A7910	Pressure Test 18" Process Waste Overflow from Drain Pump Station to Storm Se	1	1	1	28-Jan-25	28-Jan-25							ess Waste Overflow from Drain Pump Station to Sto
A7910 A7780	Pressure Test and Disinfect 2" PW from Treatment Building to Disinfection Contact	2	2	2	28-Jan-25	29-Jan-25							fect 2" PW from Treatment Building to Disinfection (
A3760	D/L/B 36" or 42" PW from South Zone Vault to DCB Building	5	5	5	29-Jan-25	29-Jan-25 04-Feb-25							om South Zone Vault to DCB Building
	· ·	1	1	1		29-Jan-25							wash Recycle Overflow from Drain Pump Station to
A7920	Pressure Test 18" Backwash Recycle Overflow from Drain Pump Station to Storm	I	I	I	29-Jan-25	29-Jan-25	480		: :	/ / / / /		1 100010110010010	rest. 1. 40 your 9, remain it distribution to
													T







Activity	'ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float		2024	2025 2026 2027
			Dur	Dur					F M A M J Jul A S O N D J F	MAMJJUAS	O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul
	A6940	D/L/B (3) 24" Overflow Drains from the Disinfection Contact Basin (DCB) to the SI	5	5	5	04-Feb-25	10-Feb-25	470			D/L/B(3) 24" Overflow Drains from the Disinfection Contact Basin (DCB) to the
	A7890	Pressure Test and Disinfect (3) 24" Overflow Drains from the Treatment Building to	2	2	2	04-Feb-25	05-Feb-25	475			Pressure Test and Disinfect (3) 24" Overflow Drains from the Treatment Building
	A5610	D/L/B 8" Chemical Dosing Carrier from Treatment to Disinfection Contact Basin (I	3	3	3	05-Feb-25	07-Feb-25	463		RPR//RPR	D/L/B/8" Chemical Dosing Carrier from Treatment to Disinfection Contact Basin (
	A7930	Pressure Test and Disinfect 36" or 42" PW from South Zone Vault to DCB Building	2	2	2	05-Feb-25	06-Feb-25	474		Part Full	Pressure Test and Disinfect 36" or 42" PW from South Zone Vault to DCB Buildin
	A6930	D/L/B 8" Sample Line Carrier from Treatment to Disinfection Contact Basin (DCB)	3	3	3	10-Feb-25	12-Feb-25	463		Time Time	I D/L/B 8" Sample Line Carrier from Treatment to Disinfection Contact Basin (DCL
	A7940	Pressure Test and Disinfect 8" Chemical Dosing Carrier from Treatment to Disinfe	2	2	2	10-Feb-25	11-Feb-25	471			Pressure Test and Disinfect 8" Chemical Dosing Carrier from Treatment to Disin
	A7900	Pressure Test (3) 24" Overflow Drains from the Disinfection Contact Basin (DCB)	2	2	2	11-Feb-25	12-Feb-25	470			Pressure Test (3) 24" Overflow Drains from the Disinfection Contact Basin (DCB
	A5630	D/L/B 18" GST Return Tie into Disinfection Contact Basin (DCB)	5	5	5	13-Feb-25	20-Feb-25	463			DUB 18" GST Return Tie into Disinfection Contact Basin (DCB)
	A7950	Pressure Test and Disinfect 8" Sample Line Carrier from Treatment to Disinfection	2	2	2	13-Feb-25	14-Feb-25	468			Pressure Test and Disinfect 8" Sample Line Carrier from Treatment to Disinfection
	A7960	Pressure Test 18" GST Return Tie into Disinfection Contact Basin (DCB)	2	2	2	21-Feb-25	24-Feb-25	463			Pressure Test 18" GST Return Tie Into Disinfection Contact Basin (DCB)
1111	Residuals B	,	12	12	12	29-Jul-25	13-Aug-25	343			
	A4290	D/L/B 8" Residual Building Waste from Residuals Buliding to MH3A	5	5	5	29-Jul-25	04-Aug-25	335			1/DILIB 8" Residual Building Waste from Residuals Buliding to MH
-	A4310	D/L/B 3" Potable Water Line from Residuals Building to the Existing DAF Building	5	5	5	05-Aug-25	11-Aug-25	335			D/L/B 3" Potable Water Line from Residuals Building to the Exis
-	A8010	Pressure Test 8" Residual Building Waste from Residuals Building to MH3A	1	1	1	05-Aug-25	05-Aug-25	349			Pressure Test 8" Residual Building Waste from Residuals Building
-	A7990	Pressure Test and Disinfection 3" Potable Water Line from Residuals Building to the	2	2	2	12-Aug-25	13-Aug-25	343			Pressure Test and Disinfection 3" Potable Water Line from Resi
-		loat Pump Station	228			30-Aug-24	29-Jul-25	354			
راا		· · · · · · · · · · · · · · · · · · ·									Engineered Excavation - Residuals Float Pump Station
	A4570	Engineered Excavation - Residuals Float Pump Station	15	15	15	30-Aug-24	20-Sep-24	131			Install Wetwell MH - Residuals Float Pump Station
	A4750	Install Wetwell MH - Residuals Float Pump Station	5	5	5	23-Sep-24	27-Sep-24	522			Install Diversion Manhole - Residuals Float Pump Station
	A4890	Install Diversion Manhole - Residuals Float Pump Station	3	3	3	30-Sep-24	02-Oct-24	522			Install Valve Vault - Residuals Float Pump Station
	A4900	Install Valve Vault - Residuals Float Pump Station	2	2	2	03-Oct-24	04-Oct-24	522			
	A4910	D/L/B 8" RCP pipe from Diversion Manhole to Wet Well - Residuals Float Pump S	3	3	3	03-Oct-24	07-Oct-24	531			D/L/B 8" RCP pipe from Diversion Manhole to Wet Well Residuals Float Pump Station
HIII.	A8020	Install Submersible Pumps in Wetwell - Residuals Float Pump Station	5	5	5	07-Oct-24	11-Oct-24	522			Install Submersible Pumps in Wetwell - Residuals Float Pump Station
	A5010	Install Sluice Gate - Residuals Float Pump Station	5	5	5	07-Oct-24	11-Oct-24	522			Install Sluice Gate - Residuals Float Pump Station
	A8030	Install 4" Discharge Check Valves and Plug Valves - Residuals Float Pump Station	5	5	5	14-Oct-24	18-Oct-24	522			1 Install 4" Discharge Check Valves and Plug Valves - Residuals Float Pump Station
	A4300	D/L/B 4" Flat Pump Discharge from Residuals Building to Wetwell	5	5	5	22-Jul-25	28-Jul-25	335			D/I/B 4" Flat Pump Discharge from Residuals Building to Wetwe
	A8000	Pressure Test 4" Flat Pump Discharge from Residuals Building to 8" DIP Float Pip	1	1	1	29-Jul-25	29-Jul-25	354			Pressure Test 4" Flat Pump Discharge from Residuals Building to
	Electrical Are	ea ea	40	40	40	29-May-25	24-Jul-25	140			
	A1580	Excavate - Electrical Area	5	5	5	29-May-25	04-Jun-25	33			1 Excavate Electrical Area
	A1590	D/L/B Under Slab Ductbanks - Electrical Area	20	20	20	05-Jun-25	02-Jul-25	33			D/L/B Under Stab Ductbanks - Electrical Arlea
	A1600	Subgrade Prep - Electrical Area	5	5	5	03-Jul-25	10-Jul-25	33			Subgrade Prep - Electrical Area
	A1610	FRP SOG - Electrical Area	10	10	10	11-Jul-25	24-Jul-25	140			□ FRP SDG - Electrical Area
	4 - Treatment	Building	189	189	189	07-Oct-24	09-Jul-25	81			
	Civil		137	137	137	07-Oct-24	24-Apr-25	57			
	A1340	Remaining Excavation - Treatment Building	20	20	20	07-Oct-24	01-Nov-24	56			Remaining Excavation - Treatment Building
	A2480	Install Underslab Piping - Treatment Building	20	20	20	04-Nov-24	03-Dec-24	56			☐ Install Understab Piping Treatment Building
	A2490	Install Underslab Electrical - Treatment Building	20	20	20	04-Nov-24	03-Dec-24	56			☐ Install Underslab Electrical - Treatment Building
	A8060	Backfill/ Subgrade Prep East Spread Footings - Treatment Building	5	5	5	13-Dec-24	19-Dec-24	136			Backfill Subgrade Prep East Spread Footings - Treatment Building
	A8080	Backfill/ Subgrade Prep North/South Spread Footings - Treatment Building	5	5	5	20-Dec-24	30-Dec-24	39			□ Backfill/ Subgrade Prep North/South Spread Footings / Treatment Building
	A2850	Backfill/ Subgrade Prep Tension Tie Members under Thickened Slab - Treatment E	5	5	5	06-Feb-25	12-Feb-25	34			Backfill/Subgrade Prep Tension Tie Members under Thickened Slab - Treatment
	A2840	Backfill/ Subgrade Prep West Spread Footings and Starter Walls - Treatment Build	5	5	5	28-Feb-25	06-Mar-25	86			Backfill/Subgrade Prep West Spread Footings and Starter Walls - Treatment I
	A2860	Backfill/ Subgrade Prep Remaining Tension Tie Members - Treatment Building	5	5	5	28-Feb-25	06-Mar-25	86			Backfill/ Subgrade Prep Remaining Tension Tie Members - Treatment Building
	A2520	Backfill/ Subgrade Prep SOG Area C&D - Treatment Building	10	10	10	20-reb-25 11-Apr-25	24-Apr-25	57			P Backfill/ Subgrade Prep SOG Area C&D - Treatment Building
	Concrete/Str	· ·	162		162	13-Nov-24	09-Jul-25	81			
											□ FRP West Spread Footings (9qty) - Treatment Building
	A2460	FRP West Spread Footings (9qty) - Treatment Building	10	10	10	13-Nov-24	26-Nov-24	34			FRP East Spread Footings (9qty) - Treatment Building
	A8050	FRP East Spread Footings (9qty) - Treatment Building	10	10	10	27-Nov-24	12-Dec-24	34			FRP North/South Spread Footings (6qty) - Treatment Building
	A8070	FRP North/South Spread Footings (6qty) - Treatment Building	5	5	5	13-Dec-24	19-Dec-24	34			
	A2890	FRP Dissipation Structure - Treatment Building	15	15	15	13-Dec-24	07-Jan-25	34			FRP Dissipation Structure - Treatment Building
	A2910	FRP GAC Pit - Treatment Building	15	15	15	13-Dec-24	07-Jan-25	34			FRP GAC Pit Treatment Building
	A2980	FRP Sump Pit - Treatment Building	15	15	15	13-Dec-24	07-Jan-25	34			FRP Sump Pit - Treatment Building
	A4230	FRP North Tension Tie Member (4qty) - Treatment Building	10	10	10	08-Jan-25	22-Jan-25	34			□ FRP North Tension Tie Member (4qty) - Treatment Building
	A8090	FRP South Tension Tie Member (4qty) - Treatment Building	10	10	10	23-Jan-25	05-Feb-25	34			□ FRP South Tension Tie Member (4qty) - Treatment Building
	A2510	FRP Starter Walls (Detail 4/ 04S-501) - Treatment Building	15	15	15	06-Feb-25	27-Feb-25	57			□ FRP Starter Walls (Detail 4/ 04S-501) - Treatment Building
Do	ta Date:10-Feh-2	Remaining Level of Effort Critical Remaining Work					<b>.</b>		w WTD Everagion Dusiest	T TYPE	

Data Date:10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 9 of 32



Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule



	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	
		Dur	Dur					F M A M J Jul A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A S O N D J F M A M JUL A
A8100	FRP 12" Thickened Slab - Treatment Building	10	10	10	13-Feb-25	27-Feb-25	86	
A8120	FRP Starter Walls (Detail 2 & 3/ 04S-501) - Treatment Building	15	15	15	28-Feb-25	20-Mar-25	57	
A2530	Form 8" SOG Area A&B (1-3 placements) - Treatment Building	5	5	5	07-Mar-25	13-Mar-25	86	RPR   Form 8" SOG Area A&B (1-3 placements) - Treatment Building
A8140	Reinforce 8" SOG Area A&B (1-3 placements) - Treatment Building	5	5	5	14-Mar-25	20-Mar-25	86	
A8110	Install Precast Trench Drains (4qty) - Treatment Building	5	5	5	21-Mar-25	27-Mar-25	86	
A8130	FRP Starter Walls (Remaining Details 04S-501) - Treatment Building	15	15	15	21-Mar-25	10-Apr-25	57	
A8150	Place 8" SOG Area A&B (1-3 placements) - Treatment Building	1	1	1	21-Mar-25	21-Mar-25		
A8190	Strip Forms 8" SOG Area A&B (1-3 placements) - Treatment Building	5	5	5	24-Mar-25	28-Mar-25		
A8200	Cure 8" SOG Area A&B (1-3 placements) - Treatment Building	7	7	7	29-Mar-25	04-Apr-25	124	
	Form 8" SOG Area A&B (4-6 placements) - Treatment Building	5	5	5	07-Apr-25	11-Apr-25	86	
A8160	, , ,		+	-	•	· ·		
A8170	Reinforce 8" SOG Area A&B (4-6 placements) - Treatment Building	5	5	5	14-Apr-25	18-Apr-25	86	—[[
A8180	Place 8" SOG Area A&B (4-6 placements) - Treatment Building	1	1	1	21-Apr-25	21-Apr-25	86	
A8210	Cure 8" SOG Area A&B (4-6 placements) - Treatment Building	7	7	7	22-Apr-25	28-Apr-25	122	
A2540	Form 12" SOG Chem/Electrical Area (1 placement) - Treatment Building	5	5	5	25-Apr-25	01-May-25		Horm 12" SOG Chem/Electrical Area (1 placement) - Treatment Building
A3430	FRP Area Equipmed Pads - Treatment Building	15	15	15	29-Apr-25	19-May-25		
A3440	FRP Chemical Area Equipmed Pads - Treatment Building	15	15	15	02-May-25	22-May-25	88	
A8220	Reinforce 12" SOG Chem/Electrical Area (1 placement) - Treatment Building	5	5	5	02-May-25	08-May-25	57	TReinforce 12" SOG Chem/Electrical Area (1 placement) - Treatment Bu
A8230	Place 12" SOG Chem/Electrical Area (1 placement) - Treatment Building	1	1	1	09-May-25	09-May-25	57	Place 12" SOG Chem/Electrical Area (1 placement) - Treatment Buildin
A8270	Strip Forms 12" SOG Chem/Electrical Area (1 placement) - Treatment Building	5	5	5	12-May-25	16-May-25		Strip Forms 12" SOG Chem/Electrical Area (1. placement) - Treatment
A8280	Cure 12" SOG Chem/Electrical Area (1 placement) - Treatment Building	7	7	7	17-May-25	23-May-25		U Cure 12" SOG Chem/Electrical Area (1 placement) - Treatment Buildir
A3770	Cure Area Equipmed Pads - Treatment Building	10	10	10	20-May-25	03-Jun-25		
A3780	Cure Chemical Area Equipmed Pads - Treatment Building	10	10	10	23-May-25	06-Jun-25	103	
A8240	Form 8" SOG Admin (2-3 placements) - Treatment Building	5	5	5	27-May-25	02-Jun-25	57	Form 8" SOG Admin (2-3 placements) - Treatment Building
	, , , , , , , , , , , , , , , , , , , ,	-	+ -	-				Reinforce 8" SOG Admin (2-3 placements) - Treatment Building
A8250	Reinforce 8" SOG Admin (2-3 placements) - Treatment Building	5	5	5	03-Jun-25	09-Jun-25		1 Place 8" SQG Admin (2-3 placements) - Treatment Building
A8260	Place 8" SOG Admin (2-3 placements) - Treatment Building	1	1	1	10-Jun-25	10-Jun-25	57	
A8290	Cure 8" SOG Admin (2-3 placements) - Treatment Building		/		11-Jun-25	17-Jun-25	82	<del></del>
A4920	FRP Chemical Walls - Treatment Building	15	15	15	18-Jun-25	09-Jul-25	56	—H: Y/X//X/X/X : : :   Y//X/Y//X/X/X   : : :   Y//X/X/X/X/X/X/X/X/X/X/X/X/X/X/X/X/X/X/
6 - Disinfec	tion Contact Basin (DCB)	240	240	240	13-Jun-24	28-May-25	33	
Civil		240	240	240	13-Jun-24	28-May-25	33	■
A1350	Excavate - Disinfection Contact Basin (DCB)	15	15	15	13-Jun-24	03-Jul-24	27	Excavate - Disinfection Confact Basin (DCB)
7 11000				+			27	the stalk Excavation Shoring - Disinfection Contact Basin (DCB)
A3900	Install Excavation Shoring - Disinfection Contact Basin (DCB)	15	15	15	20-Jun-24	11-Jul-24	Z1	The day and the state of the st
A3900	,	15 5	15 5	15 5				
A3900 A2930	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)	5	5		12-Jul-24	18-Jul-24	27	
A3900 A2930 A3150	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)	5	5 5	5	12-Jul-24 09-Aug-24	18-Jul-24 15-Aug-24	27 27	Backfill Sump Pits Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)	5 5 10	5 5 10	5 10	12-Jul-24 09-Aug-24 14-May-25	18-Jul-24 15-Aug-24 28-May-25	27 27 33	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural	5 5 10 205	5 5 10 205	5 10 205	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25	27 27 33 33	Subgrade Prep Recycled Concrete 4 Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)	5 5 10 205 15	5 5 10 205 15	5 10 205 15	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24	27 27 33 33 27	Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5	5 5 10 205 15 5	5 10 205 15 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24	27 27 33 33 27 27	Backfill Sump Pits Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5	5 5 10 205 15 5	5 10 205 15	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24	27 27 33 33 27 27 27	Subgrade Prep Recycled Concrete 4 Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5	5 5 10 205 15 5 5	5 10 205 15 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24	27 27 33 33 27 27 27 27	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1	5 5 10 205 15 5	5 10 205 15 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24	27 27 33 33 27 27 27 27 27 40	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5	5 5 10 205 15 5 5	5 10 205 15 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24	27 27 33 33 27 27 27 27 27 40 28	Subgrade Prep Recycled Concrete & Disinfection Contact Basin (DCB)  Backfill Sump Pits : Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  From Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1	5 5 10 205 15 5 5 1	5 10 205 15 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24	27 27 33 33 27 27 27 27 27 40 28	Backfill Sump Pits - Disinfection Contact Basin (DCB)    Backfill Sump Pits - Disinfection Contact Basin (DCB)    Backfill Basin - Disinfection Contact Basin (DCB)    FRP Sump Pits - Disinfection Contact Basin (DCB)    Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Cuie Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)    Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7	5 5 10 205 15 5 5 1 7	5 10 205 15 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24 09-Sep-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24	27 27 33 33 27 27 27 27 27 40 28	Backfill Sump Pits: Disinfection Contact Basin (DCB)  Backfill Sump Pits: Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits: Disinfection Contact Basin (DCB)  From Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7	5 5 10 205 15 5 5 1 7	5 10 205 15 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24	27 27 33 33 27 27 27 27 27 40 28 28	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   FRP Sump Pits - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cule Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Pace Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7	5 5 10 205 15 5 5 1 7	5 10 205 15 5 5 1 7 5 5 1	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24 23-Sep-24	27 27 33 33 27 27 27 27 40 28 28 28	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  From Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cule Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cule Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7 5 5 1 7	5 5 10 205 15 5 5 1 7 5 5 1 7	5 10 205 15 5 5 1 7 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24 24-Sep-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 13-Sep-24 20-Sep-24 23-Sep-24 30-Sep-24 07-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Pace Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 1 7 5 5 1 7 5 5 5	5 5 10 205 15 5 1 7 5 1 7 5 5 1 7 5 5	5 10 205 15 5 5 1 7 5 5 1 7 5 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24 24-Sep-24 01-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24 23-Sep-24 30-Sep-24 14-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28 28	Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410 A8420	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5	5 10 205 15 5 1 7 5 5 1 7 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24 24-Sep-24 01-Oct-24 08-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24 23-Sep-24 30-Sep-24 14-Oct-24 15-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28 28	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Qure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410 A8420 A8430	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Cure Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7	5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 30-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24 24-Sep-24 01-Oct-24 08-Oct-24 16-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24 23-Sep-24 30-Sep-24 14-Oct-24 15-Oct-24 22-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28 28 28	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   FRP Sump Pits - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Qure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Gure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410 A8420 A8430 A8440	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Cure Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 1 7 5 5 1 7 5 5 1 7 5 5	5 5 10 205 15 5 1 7 5 5 1 7 5 5 1 7 5 5	5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7 5 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 24-Sep-24 01-Oct-24 08-Oct-24 15-Oct-24 23-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 13-Sep-24 20-Sep-24 20-Sep-24 30-Sep-24 14-Oct-24 15-Oct-24 22-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28 28 28 28 28	Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  FRP Sump Pits - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Pace Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforce Penimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Penimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Penimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Penimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410 A8420 A8430 A8430 A8440 A8450	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 5 1 7 5 5 5 1 7 5 5 5 7 5 7	5 5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 5 1 7 5 5 5 5	5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7 5 5 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 23-Sep-24 24-Sep-24 01-Oct-24 08-Oct-24 15-Oct-24 23-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 06-Sep-24 13-Sep-24 20-Sep-24 20-Sep-24 14-Oct-24 15-Oct-24 22-Oct-24 29-Oct-24	27 27 33 33 27 27 27 27 40 28 28 28 28 28 28 28 28 28 28	Subgrate Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Sasin - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   FRP Sump Pits - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Cure Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)
A3900 A2930 A3150 A3100 Concrete/S A3020 A3010 A8340 A8350 A8360 A8370 A8380 A8390 A8400 A3040 A8410 A8420 A8430 A8440	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)  Backfill Sump Pits - Disinfection Contact Basin (DCB)  Backfill Basin - Disinfection Contact Basin (DCB)  Structural  FRP Sump Pits - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)  Form Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Cure Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)  Strip Forms Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)	5 5 10 205 15 5 1 7 5 5 1 7 5 5 1 7 5 5	5 5 10 205 15 5 1 7 5 5 1 7 5 5 1 7 5 5	5 10 205 15 5 5 1 7 5 5 1 7 5 5 1 7 5 5	12-Jul-24 09-Aug-24 14-May-25 19-Jul-24 19-Jul-24 16-Aug-24 23-Aug-24 31-Aug-24 09-Sep-24 16-Sep-24 24-Sep-24 01-Oct-24 08-Oct-24 15-Oct-24 23-Oct-24	18-Jul-24 15-Aug-24 28-May-25 13-May-25 08-Aug-24 22-Aug-24 29-Aug-24 30-Aug-24 13-Sep-24 20-Sep-24 20-Sep-24 30-Sep-24 14-Oct-24 15-Oct-24 22-Oct-24	27 27 33 33 27 27 27 27 27 40 28 28 28 28 28 28 28 28 28 28 26 26 26	Subgrade Prep Recycled Concrete - Disinfection Contact Basin (DCB)   Backfill Sump Pits - Disinfection Contact Basin (DCB)   Backfill Basin - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Place Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Cure Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Form Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforcement Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Pace Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Pace Basin SOG (1 Placement) - Disinfection Contact Basin (DCB)   Reinforce Berimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Picce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Place Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)   Reinforce Perimeter Walls (1-4 placements) - Disinfection Contact Basin (DCB)

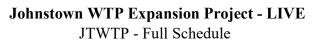




Activity ID	Activity Name	Orig F Dur	Rem ACE	Start	Finish	Total Float	2023 2024 2025 2026 2027
			Dur				FMAMJJUASONDJFMAMJJUASONDJFMAMJJUASONDJFMAMJJUASONDJFMAMJJU
A8480	Cure Perimeter Walls (5-8 placements)- Disinfection Contact Basin (DCB)	7		14-Nov-24	20-Nov-24	40	Cure Perimeter Walls (5-8 placements)- Disinfection Contact Basin (DCB)
A3030	FRP Columns (4qty) - Disinfection Contact Basin (DCB)	-	10 10	21-Nov-24	06-Dec-24	41	□ FRP Columns (4qty) Disinfection Contact Basin (DCB)
A3050	Form Interior Walls (2 placements) - Disinfection Contact Basin (DCB)		5 5	21-Nov-24	27-Nov-24	24	RPR RPR
A3240	FRP Baffles Walls (8qty) - Disinfection Contact Basin (DCB)	10	10 10	21-Nov-24	06-Dec-24	41	Part Full P FRP Baffles Walls (8qty) Disinfection Contact Basin (DCB)
A8500	Reinforce Interior Walls (2 placements) - Disinfection Contact Basin (DCB)	5	5 5	02-Dec-24	06-Dec-24	24	Time Time Reinforce Interior Walls (2 placements) - Disinfection Contact Basin (DCB)
A8510	Place Interior Walls (2 placements) - Disinfection Contact Basin (DCB)	1	1 1	09-Dec-24	09-Dec-24	24	Place Interior Walls (2 placements) - Disinfection Contact Basin (DCB)
A8520	Cure Interior Walls (2 placements) - Disinfection Contact Basin (DCB)	7	7 7	10-Dec-24	16-Dec-24	55	Cure Interior Walls (2 placements) - Disinfection Contact Basin (DCB)
A8540	Form Interior Walls (3 placements) - Disinfection Contact Basin (DCB)		5 5	10-Dec-24	16-Dec-24	24	Form Interior Walls (3 placements) - Disinfection Contact Basin (DCB)
A8550	Reinforce Interior Walls (3 placements) - Disinfection Contact Basin (DCB)	5	5 5	17-Dec-24	23-Dec-24	24	Reinforce Interior Walls (3 placements) - Disinfection Contact Basin (DCB)
A8560	Place Interior Walls (3 placements) - Disinfection Contact Basin (DCB)	1	1 1	26-Dec-24	26-Dec-24	24	Place Interior Walls (3 placements) - Disinfection Contact Basin (DCB)
A8570	Cure Interior Walls (3 placements) - Disinfection Contact Basin (DCB)	7	7 7	27-Dec-24	02-Jan-25	38	Ure Interior Walls (3 placements) - DisInfection Contact Basin (DCB)
A2970	Install Shoring for Deck - Disinfection Contact Basin (DCB)		15 15		24-Jan-25	25	□ Install \$horing for Deck - Disinfection Contact Basin (DCB)
A3060	Form Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)		5 5	27-Jan-25	31-Jan-25	25	Form Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)
A8580	Reinforce Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)		5 5	03-Feb-25	07-Feb-25	25	Reinforce Basin Deck 1-4 placements) - Disinfection Contact Basin (DCB)
A8590	Place Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)	· ·	1 1	10-Feb-25	10-Feb-25	25	Place Basin Deck (1.4 placements) Disinfection Confact Basin (DCB)
A3070	Cure Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)	- '	7 7	11-Feb-25	17-Feb-25	36	U Cure Basin Deck (1-4 placements) Disinfection Contact Basin (DCB)
A8610	Strip Basin Deck (1-4 placements) - Disinfection Contact Basin (DCB)		5 5	18-Feb-25	24-Feb-25	26	Strip Basin Deck (1-4 placements) Disinfection Contact Basin (DCB)
A8620	Form Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)	-	5 5	25-Feb-25	03-Mar-25	26	Form Basin Deck (5-8 placements) Disinfection Contact Basin (DCB)
A8630	Reinforce Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)		5 5	04-Mar-25	10-Mar-25	26	Reinforce Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)
A8640	Place Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)	1 -	1 1	11-Mar-25	11-Mar-25	26	Place Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)
A8650	Cure Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)	•	7 7	12-Mar-25	18-Mar-25	36	© Cure Básin Deck (5-8 placements) - Disinfection Contact Basin (DCB)
A8670	Cure Basin Deck 28days - Disinfection Contact Basin (DCB)		28 28		08-Apr-25	48	Cure Basin Deck 28days - Disinfection Contact Basin (DCB)
A8660	Strip Basin Deck (5-8 placements) - Disinfection Contact Basin (DCB)	-	5 5	19-Mar-25	25-Mar-25	26	Strip Basin Deck (5-8 placements) Disinfection Contact Basin (DCB)
A3110	FRP Equipment Pads - Disinfection Contact Basin (DCB)		10 10	26-Mar-25	08-Apr-25	26	FRP Equipment Pads - Disinfection Contact Basin (DCB)
A3080	Remove Shoring - Disinfection Contact Basin (DCB)		10 10	09-Apr-25	22-Apr-25	33	Part Advances From Contact Basin (DCB)
A3090	Hydrotest - Disinfection Contact Basin (DCB)		15 15	<u> </u>	13-May-25	33	☐ Hydrotest - Disinfection Confact Basin (DCB)
8 - Drain Pur	np Station		150 150		10-Feb-25	108	
Civil			150 150		10-Feb-25	108	
A2660	Excavate - Drain Pump Station		15 15		25-Jul-24	37	Excavate - Drain Purho Station
A2990	Install Excavation Shoring - Drain Pump Station		15 15	12-Jul-24	01-Aug-24	37	Install Excavation Shoring - Drain Pump Station
A2670	Subgrade Prep - Drain Pump Station		5 5	02-Aug-24	08-Aug-24	37	I Subgrade Prep - Drain Pump Station
A2710	Backfill to bottom of Valves Vaults - Drain Pump Station		5 5	13-Jan-25	17-Jan-25	108	Backfill to bottom of Valves Vaults - Drain Pump Station
A2700	Tie-in Yard Piping - Drain Pump Station		2 2	21-Jan-25	22-Jan-25	116	Tie-ih Yard Piping Drein Pump Station
A3000	Subgrade Prep for Valve Vaults - Drain Pump Station	-	5 5	21-Jan-25	27-Jan-25	108	Subgrade Prep for Valve Vaults - Drain Pump Station
A3270	Backfill to Grade - Drain Pump Station		5 5	04-Feb-25	10-Feb-25	108	□ Backfill to Grade Drain Pump Station
Concrete/St		101		- 3	10-Jan-25	108	
A2680	Form SOG (1 placement) - Drain Pump Station		5 5	15-Aug-24	21-Aug-24	33	Form SOG (1 placement) - Drain Puril Station
A8680	Reinforce SOG (1 placement) - Drain Pump Station		5 5	22-Aug-24	28-Aug-24	33	Reinforce SOG (1 placement) - Drain Pump Station
A8690	Place SOG (1 placement) - Drain Pump Station		1 1	29-Aug-24	29-Aug-24	33	Place SOG (1 placement) - Drain Pump Station
A8700	Cure SOG (1 placement) - Drain Pump Station		7 7	30-Aug-24	05-Sep-24	48	Cuie SOG (1 placement) - Drain Purhp Station
A8710	Form Wall (1-3 placement) - Drain Pump Station		5 5	06-Sep-24	12-Sep-24	34	Tom Wall (1-3 placement) - Drain Pump Station
A8720	Reinforce Walls (1-3 placement) - Drain Pump Station	5	5 5	13-Sep-24	19-Sep-24	34	Reinforce Walls (1-3 placement) - Drain Pump Station
A8730	Place Walls (1-3 placement) - Drain Pump Station	1	1 1	20-Sep-24	20-Sep-24	34	Place Walls (1-3 placement) - Drain Pump Station
A8740	Cure Walls (1-3 placement) - Drain Pump Station		7 7	21-Sep-24	27-Sep-24	48	Cure Walls (1-3 placement) - Drain Pump Station
A8750	Form Wall (4-6 placement) - Drain Pump Station		5 5	30-Sep-24	04-Oct-24	34	torm Wall (4-6 placement) - Drain Pump Station
A8760	Reinforce Walls (4-6 placement) - Drain Pump Station		5 5	07-Oct-24	11-Oct-24	34	Reinforce Walls (4-6 placement) - Drain Pump Station
A8770	Place Walls (4-6 placement) - Drain Pump Station		1 1	14-Oct-24	14-Oct-24	34	Place Walls (4-6 placement) - Drain Pump Station
A8780	Cure Walls (4-6 placement) - Drain Pump Station		7 7	15-Oct-24	21-Oct-24	50	Cure Walls (4-6 placement) - Drain Pump Station
A8800	Install Shoring for Deck - Drain Pump Station		5 5	22-Oct-24	28-Oct-24	34	Install Shoring for Deck - Drain Pump Station
A8810	Form Deck - Drain Pump Station		5 5	29-Oct-24	04-Nov-24	34	Form Deck Drain Pump Station
A8820	Reinforce Deck - Drain Pump Station		5 5	05-Nov-24	11-Nov-24	34	Reinforce Deck - Drain Pump Station
A8830	Place Deck - Drain Pump Station	1	1 1	12-Nov-24	12-Nov-24	34	Place Deck - Drain Pumo Station

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Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float		202		2025	2026	2027
10010					40.11 04	10.5	150	F M A M J Jul A S O N C	D J F M A M J		N D J F M A M J Ju A S O N D  Cure Deck - Drain Pump Station	J F M A M J Jul A S O N	I D J F M A M J Ju
A8840	Cure Deck - Drain Pump Station	28	28	28	13-Nov-24	10-Dec-24	159				Remove Shoring - Drain Pump S	totion ///////////	
A8850	Remove Shoring - Drain Pump Station	5	5	5	11-Dec-24	17-Dec-24	108						
A8790	Hydrostatic Test - Drain Pump Station	15	15	15	18-Dec-24	10-Jan-25	108		RPR	RPR//	Hydrostátic Test Drain Pump	Station	
9 - Residual	s Building	131	131	131	13-Feb-25	19-Aug-25	364		Part	/Full//			
Civil		99	99	99	13-Feb-25	03-Jul-25	396		Time	/Time/			
A1880	Excavate - Residuals Building	5	5	5	13-Feb-25	20-Feb-25	34				Excavate - Residuals Build	· · · · //////////////////////////////	
A2200	Install Underslab Piping - Residuals Building	15	15	15	21-Feb-25	13-Mar-25	34				Install Underslab Piping -	1/////9/////	
A2190	Install Underslab Electrical - Residuals Building	15	15	15	28-Feb-25	20-Mar-25	34				Install Underslab Electric		
A1900	Subgrade Prep - Residuals Building	5	5	5	21-Mar-25	27-Mar-25	34				Subgrade Prep - Residu	17/////////	
A2960	Backfill - Residuals Building	15	15	15	13-Jun-25	03-Jul-25	396				Backfill - Resid	uals Building	
Concrete/S		93	93	93	09-Apr-25	19-Aug-25	107						
A1930	Form Spread Footings (1 placement) - Residuals Building	5	5	5	09-Apr-25	15-Apr-25	26					(1 placement) - Résiduals Bu	1 19 1 1 1 1 1
A1910	Form Sludge Tank SOG (1 placement) - Residuals Building	5	5	5	16-Apr-25	22-Apr-25	26					OG (1 placement) - Residuals	
A8900	Reinforce Spread Footings (1 placement) - Residuals Building	5	5	5	16-Apr-25	22-Apr-25	31					otings (1 placement) - Residua	
A8950	Reinforce Sludge Tank SOG (1 placement) - Residuals Building	5	5	5	23-Apr-25	29-Apr-25	26					nk SOG (1 placement) - Resid	
A8910	Place Spread Footings (1 placement) - Residuals Building	1	1	1	30-Apr-25	30-Apr-25	26					gs (1 placement) - Residuals E	
A8960	Place Sludge Tank SOG (1 placement) - Residuals Building	1	1	1	30-Apr-25	30-Apr-25	26					OG (1 placement) - Résiduals	
A8920	Cure Spread Footings (1 placement) - Residuals Building	7	7	7	01-May-25	07-May-25	39				2778777777	s (1 placement) - Residuals E	
A8970	Cure Sludge Tank SOG (1 placement) - Residuals Building	7	7	7	01-May-25	07-May-25	39					OG (1 placement) - Résiduals	
A8930	Strip Spread Footings (1 placement) - Residuals Building	5	5	5	08-May-25	14-May-25	26					gs (1 placement) - Residuals E	
A8980	Strip Sludge Tank SOG (1 placement) - Residuals Building	5	5	5	08-May-25	14-May-25	26					OG (1 placement) - Residuals	
A2010	Form Sludge Tank Walls (3 placements) - Residuals Building	5	5	5	15-May-25	21-May-25	26					Walls (3 placements) - Residu	
A9050	Reinforce Sludge Tank Walls (3 placements) - Residuals Building	5	5	5	22-May-25	29-May-25	26					Tank Walls (3 placements) - R	
A9060	Place Sludge Tank Walls (3 placements) - Residuals Building	1	1	1	30-May-25	30-May-25	26					: Walls (3 placements) - Resid	
A9070	Cure Sludge Tank Walls (3 placements) - Residuals Building	7	7	7	31-May-25	06-Jun-25	39					Walls (3 placements) - Resid	
A9080	Strip Sludge Tank Walls (3 placements) - Residuals Building	5	5	5	09-Jun-25	13-Jun-25	26					k Walls (3 placements) - Résid	duals Building
A2030	Install Shoring for Deck - Residuals Building	10	10	10	16-Jun-25	27-Jun-25	113					or Deck - Residuals Building	
A8990	Form Electrical Room Footing (1 placement) - Residuals Building	5	5	5	16-Jun-25	20-Jun-25	26					Room Footing (1 placement) -	
A9000	Reinforce Electrical Room Footing (1 placement) - Residuals Building	5	5	5	23-Jun-25	27-Jun-25	26				V / / / / / / / / / / / / / / / / / / /	rical Room Footing (1 placeme	
A2040	Form Deck (1 placement) - Residuals Building	5	5	5	30-Jun-25	07-Jul-25	113					placement) - Residuals Buildir	<b>~</b>
A9010	Place Electrical Room Footing (1 placement) - Residuals Building	1	1	1	30-Jun-25	30-Jun-25	26					Room Footing (1 placement)	
A9020	Cure Electrical Room Footing (1 placement) - Residuals Building	7	7	7	01-Jul-25	07-Jul-25	37					Room Footing (1 placement)	
A9030	Strip Electrical Room Footing (1 placement) - Residuals Building	5	5	5	08-Jul-25	14-Jul-25	27					Room Footing (1 placement)	
A9130	Reinforce Deck (1 placement) - Residuals Building	5	5	5	08-Jul-25	14-Jul-25	113					k (1 placement) - Residuals E	
A2020	Form SOG (2 placements) - Residuals Building	5	5	5	15-Jul-25	21-Jul-25	27					Pplacements) - Residuals Buil	
A9140	Place Deck (1 placement) - Residuals Building	1	1	1	15-Jul-25	15-Jul-25	113					placement) - Residuals Build	ling:
A2050	Cure Deck - Residuals Building	7	7	7	16-Jul-25	22-Jul-25	166					Residuals Building	
A9090	Reinforce SOG (2 placements) - Residuals Building	5	5	5	22-Jul-25	28-Jul-25	27					DG (2 placements) - Residuals	
A9160	Strip Deck (1 placement) - Residuals Building	5	5	5	23-Jul-25	29-Jul-25	112				-	l placement) - Résiduals Build	
A9100	Place SOG (2 placements) - Residuals Building	1	1	1	29-Jul-25	29-Jul-25	27					2 placements) - Residuals Bu	illding
A2060	Remove Shoring - Residuals Building	5	5	5	30-Jul-25	05-Aug-25	112					oring - Residuals Building	
A9110	Cure SOG (2 placements) - Residuals Building	7	7	7	30-Jul-25	05-Aug-25	40					2 placements) - Residuals Bu	
A2210	FRP Equipment Pads - Residuals Building	10	10	10	06-Aug-25	19-Aug-25	27					ment Pads - Residuals Buildir	ng
A2950	Hydrotest - Residuals Building	5	5	5	06-Aug-25	12-Aug-25	112					Residuals Building	
A9120	Strip SOG (2 placements) - Residuals Building	5	5	5	06-Aug-25	12-Aug-25	32				U Strip SOG	(2 placements) - Residuals Bu	ıilding
Work Autho	orization 4	752	752	752	22-May-24	20-May-27	0						
Procuremen	t	225	225	225	22-May-24	15-Apr-25	497						
Submittals/	Deliveries	225	225	225	22-May-24	15-Apr-25	497						
A7510	Begin Procurement Process (WA4)	0	0	0	22-May-24		-20		<b>8</b> B	gin Procurer	ment Process (WA4)		
CSI Curren	, ,		225		22-May-24	15-Apr-25	497						
	2 - Existing Conditions			95	•	04-Oct-24	20						
S1000	Execute Agreement Selective Demolition			30		03-Jul-24	20			Execute Ac	greement Selective Demolition		
		30	30	30	22-iviay-24	00-0UI-24	20		11/1/1/	17777			
Data Date: 10-Feb						Joh	nstown	n WTP Expansion Proj	ject - LIVE			<b>ТИТИ</b>	VL

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Activity	ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	2023 2024 2025 2026 2027
			Dur	Dur					FMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJ
	S1010	Develop Submittal Selective Demolition	10	10	10	05-Jul-24	18-Jul-24	20	Develor Submittal Selective Demolition
Ш	S1020	MWH Review and Approve Selective Demolition	5	5	5	19-Jul-24	25-Jul-24	20	MWH Review and Approve Selective Demolition
	S1030	Engineer Review and Approve Selective Demolition	20	20	20	26-Jul-24	22-Aug-24	20	RPR Review and Approve Selective Demolition
	S1040	Fabricate and Deliver Selective Demolition	30	30	30	23-Aug-24	04-Oct-24	20	part Fabricate and Deliver Selective Demolition
	Division 04		95	95	95	22-May-24	04-Oct-24	245	
	S1250	Execute Agreement Concrete Unit Masonry	30	30	30	22-May-24	03-Jul-24	245	Time Time Execute Agreement Concrete Unit Masonry
	S1250	,		_	_	05-Jul-24	18-Jul-24	245	Develop Submittal Concrete Unit Masonry
		Develop Submittal Concrete Unit Masonry	10	10	10				9 MWH Review and Approve Concrete Unit Masonry
	S1270	MWH Review and Approve Concrete Unit Masonry	5	5	5	19-Jul-24	25-Jul-24	245	
	S1280	Engineer Review and Approve Concrete Unit Masonry	20	20	20	26-Jul-24	22-Aug-24	245	Engineer Review and Approve Concrete Unit Masority
Ш	S1290	Fabricate and Deliver Concrete Unit Masonry	30	30	30	23-Aug-24	04-Oct-24	245	abricate and Deliver Concrete Unit Masonry
Ⅲ_	Division 05	- Metals	95	95	95	22-May-24	04-Oct-24	527	
	S1300	Execute Agreement Post-Installed Anchors	30	30	30	22-May-24	03-Jul-24	527	Execute Agreement Post-Installed Anchors
	S1350	Execute Agreement Structural Steel Framing	30	30	30	22-May-24	03-Jul-24	527	Execute Agreement Structural Steel Framing
	S1400	Execute Agreement Steel Joist Framing	30	30	30	22-May-24	03-Jul-24	527	Execute Agreement Steel Joist Framing
	S1450	Execute Agreement Steel Deck	30	30	30	22-May-24	03-Jul-24	527	Execute Agreement Steet Deck ////////////////////////////////////
	S1310	Develop Submittal Post-Installed Anchors	10	10	10	05-Jul-24	18-Jul-24	527	Develor Submittal Post-Installed Anchors
	S1360	Develop Submittal Structural Steel Framing	10	10	10	05-Jul-24	18-Jul-24	527	Develop Submittal Structural Steel Framing
	S1410	Develop Submittal Steel Joist Framing	10	10	10	05-Jul-24	18-Jul-24	527	Develor Submittal Steel Joist Framing
	S1460	Develop Submittal Steel Deck	10	10	10	05-Jul-24	18-Jul-24	527	Develor Submittal Steel Deck
	S1400	MWH Review and Approve Post-Installed Anchors	5	5	5	19-Jul-24	25-Jul-24	527	9 MWH Review and Approve Post-Installed Anchors
Ш	S1370	MWH Review and Approve 1 ost installed Alteriors  MWH Review and Approve Structural Steel Framing	5	5	5	19-Jul-24	25-Jul-24 25-Jul-24	527	MWH Review and Approve Structural Steel Framing
	S1420		5	-	5			527	MWH Review and Approve Steel Joist Framing
		MWH Review and Approve Steel Joist Framing		5	+	19-Jul-24	25-Jul-24		MWH Review and Approve Steel Deck
	S1470	MWH Review and Approve Steel Deck	5	5	5	19-Jul-24	25-Jul-24	527	Engineer Review and Approve Post-Installed Anchors
	S1330	Engineer Review and Approve Post-Installed Anchors	20	20	20	26-Jul-24	22-Aug-24	527	
Ш	S1380	Engineer Review and Approve Structural Steel Framing	20	20	20	26-Jul-24	22-Aug-24	527	Engineer Review and Approve Structural Steel Framing
	S1430	Engineer Review and Approve Steel Joist Framing	20	20	20	26-Jul-24	22-Aug-24	527	Engineer Review and Approve Steel Joist Framing
	S1480	Engineer Review and Approve Steel Deck	20	20	20	26-Jul-24	22-Aug-24	527	Engineer Review and Approve Steel Deck
	S1340	Fabricate and Deliver Post-Installed Anchors	30	30	30	23-Aug-24	04-Oct-24	527	abricate and Deliver Post-Installed Anchors
	S1390	Fabricate and Deliver Structural Steel Framing	30	30	30	23-Aug-24	04-Oct-24	527	tabricate and Deliver Structural Steel Framing
	S1440	Fabricate and Deliver Steel Joist Framing	30	30	30	23-Aug-24	04-Oct-24	527	tabricate and Deliver Steel Joist Framing
	S1490	Fabricate and Deliver Steel Deck	30	30	30	23-Aug-24	04-Oct-24	527	abricate and Deliver Steel Deck
	Division 06	- Wood, Plastics, and Composites	95	95	95	22-May-24	04-Oct-24	547	
	S1500	Execute Agreement Anchors and Fasteners	30	30	30	22-May-24	03-Jul-24	330	Execute Agreement Anchors and Fasteners
	S1550	Execute Agreement Rough Carpentry	30	30	30	22-May-24	03-Jul-24	330	Execute Agreement Rough Carpentry
	S1600	Execute Agreement Interior Architectural Woodwork	30	30	30	22-May-24	03-Jul-24	547	Execute Agreement Interior Architectural Woodwork
Ш	S1510	Develop Submittal Anchors and Fasteners	10	10	10	05-Jul-24	18-Jul-24	330	Develop Submittal Anchors and Fasteners
	S1510	Develop Submittal Rough Carpentry	_	_	10	05-Jul-24 05-Jul-24	18-Jul-24	330	Develor Submittal Rough Carpentry
			10	10	_				Develor Submittal Interior Architectural Woodwork
	S1610	Develop Submittal Interior Architectural Woodwork	10	10	10	05-Jul-24	18-Jul-24	547	MWH Review and Approve Anchors and Fasteners
	S1520	MWH Review and Approve Anchors and Fasteners	5	5	5	19-Jul-24	25-Jul-24	330	9 MWH Review and Approve Rough Carpentry
	S1570	MWH Review and Approve Rough Carpentry	5	5	5	19-Jul-24	25-Jul-24	330	
	S1620	MWH Review and Approve Interior Architectural Woodwork	5	5	5	19-Jul-24	25-Jul-24	547	1 MWH Review and Approve Interior Architectural Woodwork
	S1530	Engineer Review and Approve Anchors and Fasteners	20	20	20	26-Jul-24	22-Aug-24	330	Engineer Review and Approve Anchors and Fasteners
	S1580	Engineer Review and Approve Rough Carpentry	20	20	20	26-Jul-24	22-Aug-24	330	Engineer Review and Approve Rough Carpentry
	S1630	Engineer Review and Approve Interior Architectural Woodwork	20	20	20	26-Jul-24	22-Aug-24	547	Engineer Review and Approve Interior Architectural Woodwork
	S1540	Fabricate and Deliver Anchors and Fasteners	30	30	30	23-Aug-24	04-Oct-24	330	fabricate and Deliver Anchors and Fasteners
	S1590	Fabricate and Deliver Rough Carpentry	30	30	30	23-Aug-24	04-Oct-24	330	tabricate and Deliver Rough Carpentry
	S1640	Fabricate and Deliver Interior Architectural Woodwork	30	30	30	23-Aug-24	04-Oct-24	547	Fabricate and Deliver Interior Architectural Woodwork
		- Thermal and Moisture Protection	95	95	95	22-May-24	04-Oct-24	552	
	S1650	Execute Agreement Bituminous Dampproofing	30	30	30	22-May-24	03-Jul-24	168	Execute Agreement Bituminous Dampproofing
	S1700	Execute Agreement Thermal Insulation	30	30	30	22-May-24	03-Jul-24	61	Execute Agreement Thermal Insulation
	S1750	Execute Agreement Therman Insulation	_	30	30	22-May-24	03-Jul-24	330	Execute Agreement Thermoplastic Polyolefin
	S1750 S1800		30			-		547	Execute Agreement Sheet Metal Flashing and Trim
	3 1000	Execute Agreement Sheet Metal Flashing and Trim	30	30	30	22-May-24	03-Jul-24	347	H (/////////
<u> </u>									

Data Date:10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 13 of 32



Johnstown WTP Expansion Project - LIVE



Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float	
S1850	Evenute Agreement Profehringted Reaf Curbs			20	22 May 24	02 14 24	55	FMAMJJulASONDJFMAMJULASONDJFMAMJULA
S1830 S1900	Execute Agreement Prefabricated Roof Curbs	30	30	30	22-May-24	03-Jul-24		
	Execute Agreement Roof Scuttles	30	30		22-May-24	03-Jul-24	552	
S1950	Execute Agreement Snow Guards	30	30	30	22-May-24	03-Jul-24	330	:  /x//x/v//// ::::   /y/ <u>z_//2/x/</u> y/v/   x//x/v_//// ::::  ///x/x/////
S2000	Execute Agreement Penetration Firestopping	30	30	30	22-May-24	03-Jul-24	552	=_{  :  ////////////  :::   \/ <sup>yy</sup> / <sup>z</sup> ///////////////////////////////
S2050	Execute Agreement Joint Firestopping	30	30	30	22-May-24	03-Jul-24	552	
S1660	Develop Submittal Bituminous Dampproofing	10	10	10	05-Jul-24	18-Jul-24	168	~~  :-  <i> :-  :- </i>
S1710	Develop Submittal Thermal Insulation	10	10	10	05-Jul-24	18-Jul-24	61	
S1760	Develop Submittal Thermoplastic Polyolefin	10	10	10	05-Jul-24	18-Jul-24	330	<u> </u>
S1810	Develop Submittal Sheet Metal Flashing and Trim	10	10	10	05-Jul-24	18-Jul-24	547	—
S1860	Develop Submittal Prefabricated Roof Curbs	10	10	10	05-Jul-24	18-Jul-24	55	
S1910	Develop Submittal Roof Scuttles	10	10	10	05-Jul-24	18-Jul-24	552	
S1960	Develop Submittal Snow Guards	10	10	10	05-Jul-24	18-Jul-24	330	
S2010	Develop Submittal Penetration Firestopping	10	10	10	05-Jul-24	18-Jul-24	552	——[  i  / X /i/ X / Y /i/ /i   i i i    / Y /i/ <del>X /iZ / / Y /i   i i i       X /i/ </del>
S2060	Develop Submittal Joint Firestopping	10	10	10	05-Jul-24	18-Jul-24	552	
S1670	MWH Review and Approve Bituminous Dampproofing	5	5	5	19-Jul-24	25-Jul-24	168	—
S1720	MWH Review and Approve Thermal Insulation	5	5	5	19-Jul-24	25-Jul-24	61	[
S1770	MWH Review and Approve Thermoplastic Polyolefin	5	5	5	19-Jul-24	25-Jul-24	330	
S1820	MWH Review and Approve Sheet Metal Flashing and Trim	5	5	5	19-Jul-24	25-Jul-24	547	
S1870	MWH Review and Approve Prefabricated Roof Curbs	5	5	5	19-Jul-24	25-Jul-24	55	
S1920	MWH Review and Approve Roof Scuttles	5	5	5	19-Jul-24	25-Jul-24	552	
S1970	MWH Review and Approve Snow Guards	5	5	5	19-Jul-24	25-Jul-24	330	
S2020	MWH Review and Approve Penetration Firestopping	5	5	5	19-Jul-24	25-Jul-24	552	
S2070	MWH Review and Approve Joint Firestopping	5	5	5	19-Jul-24	25-Jul-24	552	
S1680	Engineer Review and Approve Bituminous Dampproofing	20	20	20	26-Jul-24	22-Aug-24	168	
S1730	Engineer Review and Approve Thermal Insulation	20	20	20	26-Jul-24	22-Aug-24	61	Engineer Review and Approve Thermal Insulation
S1780	Engineer Review and Approve Thermoplastic Polyolefin	20	20	20	26-Jul-24	22-Aug-24	330	0 Engineer Review and Approve Thermoplastic Polyolefin
S1830	Engineer Review and Approve Sheet Metal Flashing and Trim	20	20	20	26-Jul-24	22-Aug-24	547	7 Engineer Review and Approve Sheet Metal Flashing and Trim
S1880	Engineer Review and Approve Prefabricated Roof Curbs	20	20	20	26-Jul-24	22-Aug-24	55	
S1930	Engineer Review and Approve Roof Scuttles	20	20	20	26-Jul-24	22-Aug-24	552	2 Engineer Review and Approve Roof Scuttles
S1980	Engineer Review and Approve Snow Guards	20	20	20	26-Jul-24	22-Aug-24	330	0 Engineer Review and Approve Snow Guards
S2030	Engineer Review and Approve Penetration Firestopping	20	20	20	26-Jul-24	22-Aug-24	552	2 Engineer Review and Approve Penetration Firestopping
S2080	Engineer Review and Approve Joint Firestopping	20	20	20	26-Jul-24	22-Aug-24	552	2 Engineer Review and Approve Joint Firestopping
S1690	Fabricate and Deliver Bituminous Dampproofing	30	30	30	23-Aug-24	04-Oct-24	168	
S1740	Fabricate and Deliver Thermal Insulation	30	30	30	23-Aug-24	04-Oct-24	61	tabricate and Deliver Thermal Insulation
S1790	Fabricate and Deliver Thermoplastic Polyolefin	30	30	30	23-Aug-24	04-Oct-24	330	
S1840	Fabricate and Deliver Sheet Metal Flashing and Trim	30	30	30	23-Aug-24	04-Oct-24	547	
S1890	Fabricate and Deliver Prefabricated Roof Curbs	30	30	30	23-Aug-24	04-Oct-24	55	<del></del>
S1940	Fabricate and Deliver Roof Scuttles	30	30	30	23-Aug-24	04-Oct-24	552	
S1990	Fabricate and Deliver Snow Guards	30	30	30	23-Aug-24	04-Oct-24	330	
S2040	Fabricate and Deliver Penetration Firestopping	30	30	30	23-Aug-24	04-Oct-24	552	<u> </u>
S2090	Fabricate and Deliver Joint Firestopping	30	30	30	23-Aug-24	04-Oct-24	552	<del></del>
	- Openings	95	95	95	22-May-24	04-Oct-24	554	<del></del>   :   <i>                               </i>
S2150	Execute Agreement Steel Doors and Frames	30	30	30	22-May-24	03-Jul-24	320	
S2200	Execute Agreement Access Doors and Frames	30	30	30	22-May-24	03-Jul-24	552	<u> </u>
S2250	Execute Agreement Overhead Coiling Doors	30	30	30	22-May-24	03-Jul-24	552	
S2300	Execute Agreement Aluminum-Framed Entrances and Storefronts	30	30	30	22-May-24	03-Jul-24	554	==  : [/ン^/x/y/x/================================
S2350	Execute Agreement Fiberglass-Sandwich Panel Assemblies	30	30	30	22-May-24	03-Jul-24	547	
S2350 S2400	Execute Agreement Finish Hardware	30	30	30	22-May-24	03-Jul-24 03-Jul-24	325	
S2400 S2450	Execute Agreement Glazing		30	30	22-May-24	03-Jul-24 03-Jul-24	325	<u> </u>
S2450 S2500	Execute Agreement Grazing  Execute Agreement Architectural Louvers	30	_	30	-			
S2500 S2160	· ·	30	30	_	22-May-24	03-Jul-24	552	==  :   <i>V.A./.X.A./.X./.Y.A./.</i>   ::::    <i>V.X./.Y.A./.X.A.</i>   **:::   <i>V.X./.Y.A./.Y.A.</i>   :::::
	Develop Submittal Steel Doors and Frames	10	10	10	05-Jul-24	18-Jul-24	320	<del></del>
S2210	Develop Submittal Access Doors and Frames	10	10	10	05-Jul-24	18-Jul-24	552	2



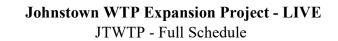




Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float	2023	202	24	2025	2026	2027
S2260	Develop Submittal Overhead Coiling Doors	10	10	10	05-Jul-24	18-Jul-24	552	F M A M J Jul A S O N D J			N D J F M A M J Jul A S O N Submittal Overhead Coiling Doors	D J F M A M J Jul A S O N	DJFMAMJ
S2310	Develop Submittal Aluminum-Framed Entrances and Storefronts	10	10	10	05-Jul-24	18-Jul-24	554		/ / /! / <b>/</b>	///////	Submittal Aluminum-Framed Entran	ces and Storefronts	
S2360	Develop Submittal Fiberglass-Sandwich Panel Assemblies	10	10	10	05-Jul-24	18-Jul-24	547		DDD/I	/1//////	Submittal Fiberglass-Sandwich Pan		
S2410	Develop Submittal Finish Hardware	10	10	10	05-Jul-24	18-Jul-24	325		Part		Submittal Finish Hardware		
S2460	Develop Submittal Glazing	10	10	10	05-Jul-24	18-Jul-24	325			///U1////	Submittal Glazing		
S2510	Develop Submittal Architectural Louvers	10	10	10	05-Jul-24	18-Jul-24	552			/ 1 mn @ / [	Submittal Architectural Louvers		
S2170	MWH Review and Approve Steel Doors and Frames	5	5	5	19-Jul-24	25-Jul-24	320			///////	eview and Approve Steel Doors and	Frames	
S2220	MWH Review and Approve Access Doors and Frames	5	5	5	19-Jul-24	25-Jul-24	552			///////	eview and Approve Access Doors a		
S2270	MWH Review and Approve Overhead Coiling Doors	5	5	5	19-Jul-24	25-Jul-24	552			///////	eview and Approve Overhead Coilin		
S2320	MWH Review and Approve Aluminum-Framed Entrances and Storefronts	5	5	5	19-Jul-24	25-Jul-24	554			//////	eview and Approve Aluminum, Fram		
S2370	MWH Review and Approve Fiberglass-Sandwich Panel Assemblies	5	5	5	19-Jul-24	25-Jul-24	547				eview and Approve Fiberglass-Sand		
S2420	MWH Review and Approve Finish Hardware	5	5	5	19-Jul-24	25-Jul-24	325				eview and Approve Finish Hardware	///////////////////////////////////////	
S2470	MWH Review and Approve Glazing	5	5	5	19-Jul-24	25-Jul-24	325				eview and Approve Glazing		
S2520	MWH Review and Approve Architectural Louvers	5	5	5	19-Jul-24	25-Jul-24	552				eview and Approve Architectural Lo	ıvers	
S2180	Engineer Review and Approve Steel Doors and Frames	20	20	20	26-Jul-24	22-Aug-24	320			///////	eer Review and Approve Steel Door	///////////////////////////////////////	
S2230	Engineer Review and Approve Access Doors and Frames	20	20	20	26-Jul-24 26-Jul-24	22-Aug-24 22-Aug-24	552			/ / / / / / /	eer Review and Approve Access Do		,
S2280	Engineer Review and Approve Access Doors and Frames  Engineer Review and Approve Overhead Coiling Doors	20	20	20	26-Jul-24 26-Jul-24	22-Aug-24 22-Aug-24	552			//////	eer Review and Approve Overhead	///////////////////////////////////////	
S2330	Engineer Review and Approve Overhead Colling Doors  Engineer Review and Approve Aluminum-Framed Entrances and Storefronts	20	20	20	26-Jul-24 26-Jul-24	22-Aug-24 22-Aug-24	554			/////	eer Review and Approve Aluminum		its
S2380 S2380	Engineer Review and Approve Fiberglass-Sandwich Panel Assemblies	20	20	20	26-Jul-24	22-Aug-24 22-Aug-24	547				eer Review and Approve Fiberglass		
S2430	Engineer Review and Approve Finish Hardware	20	20	20	26-Jul-24 26-Jul-24	22-Aug-24 22-Aug-24	325				eer Review and Approve Finish Har		
S2480	Engineer Review and Approve Fillish Hardware	20	20	20	26-Jul-24 26-Jul-24	22-Aug-24 22-Aug-24	325				eer Review and Approve Glazing		
S2530	Engineer Review and Approve Glazing  Engineer Review and Approve Architectural Louvers	20	20	20	26-Jul-24	22-Aug-24 22-Aug-24	552				eer Review and Approve Architectur	al Louvers	
S2190	Fabricate and Deliver Steel Doors and Frames	30	30	30	20-3ui-24 23-Aug-24	04-Oct-24	320				abricate and Deliver Steel Doors and		
S2240	Fabricate and Deliver Access Doors and Frames	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552				abricate and Deliver Access Doors		
S2290	Fabricate and Deliver Overhead Coiling Doors	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			///////	abricate and Deliver Overhead Coilir	/////////////	
S2340	Fabricate and Deliver Aluminum-Framed Entrances and Storefronts	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	554			/ / / / / /	abricate and Deliver Aluminum-Fram		
S2340 S2390	Fabricate and Deliver Fiberglass-Sandwich Panel Assemblies	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	547			///////	abricate and Deliver Fiberglass-San	///////////////////////////////////////	
S2440	Fabricate and Deliver Finish Hardware	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	325			///////	abricate and Deliver Finish Hardwan		
S2440 S2490	Fabricate and Deliver Glazing	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	325				abricate and Deliver Glazing		
S2540	Fabricate and Deliver Architectural Louvers	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			//////	abricate and Deliver Architectural Lo	uvers	
Division 09		95	95	95	22-May-24	04-Oct-24	542						
S2550	Execute Agreement Gypsum Board Assemblies	30	30	30	22-May-24	03-Jul-24	315			Execute	greement Gypsum Board Assembli	es	
S2600	Execute Agreement Ceramic Tile	30	30	30	22-May-24	03-Jul-24	527			///////	greement Ceramic Tile		
S2650	Execute Agreement Acoustical Ceiling Tile	30	30	30	22-May-24	03-Jul-24 03-Jul-24	522			///////	greement Acoustical Celling Tile		
S2700	Execute Agreement Resilient Tile Flooring	30	30	30	22-May-24	03-Jul-24	542				greement Resilient Tile Flooring		
S2750	Execute Agreement Tile Carpeting	30	30	30	22-May-24	03-Jul-24	537			( / / / / / <b>)</b>	greement Tile Carpeting		
S2800	Execute Agreement Protective Coatings	30	30	30	22-May-24	03-Jul-24	270			//////	greement Protective Coatings		
S2560	Develop Submittal Gypsum Board Assemblies	10	10	10	05-Jul-24	18-Jul-24	315			///////	Submittal Gypsum Board Assemblie	es (////////	
S2610	Develop Submittal Ceramic Tile	10	10	10	05-Jul-24	18-Jul-24	527			//////	Submittal Ceramic Tile		
S2660	Develop Submittal Acoustical Ceiling Tile	10	10	10	05-Jul-24	18-Jul-24	522			///////	Submittal Acoustical Celling Tile		
S2710	Develop Submittal Resilient Tile Flooring	10	10	10	05-Jul-24	18-Jul-24	542			//////	Submittal Resilient Tile Flooring		
S2760	Develop Submittal Tile Carpeting	10	10	10	05-Jul-24	18-Jul-24	537			//////	Submittal Tile Carpeting		
S2810	Develop Submittal Protective Coatings	10	10	10	05-Jul-24	18-Jul-24	270			///////	Submittal Protective Coatings		
S2570	MWH Review and Approve Gypsum Board Assemblies	5	5	5	19-Jul-24	25-Jul-24	315			///////	eview and Approve Gypsum Board	Assemblies /////////	
S2620	MWH Review and Approve Ceramic Tile	5	5	5	19-Jul-24	25-Jul-24 25-Jul-24	527			- / 1 / / / / / / / / / / / / / / / / /	eview and Approve Ceramic Tile		
S2670	MWH Review and Approve Acoustical Ceiling Tile	5	5	5	19-Jul-24	25-Jul-24	522				eview and Approve Acoustical Ceilir	ng Tile	
S2720	MWH Review and Approve Resilient Tile Flooring	5	5	5	19-Jul-24	25-Jul-24	542			///////	eview and Approve Resilient Tile Flo		
S2770	MWH Review and Approve Tile Carpeting	5	5	5	19-Jul-24	25-Jul-24 25-Jul-24	537			///////	eview and Approve Tile Carpeting		
S2820	MWH Review and Approve Protective Coatings	5	5	5	19-Jul-24	25-Jul-24 25-Jul-24	270			//////	eview and Approve Protective Coati	ngs (////////	
S2580	Engineer Review and Approve Gypsum Board Assemblies	20	20	20	26-Jul-24	22-Aug-24	315			//////	eer Review and Approve Gypsum B		
S2630	Engineer Review and Approve Ceramic Tile	20	20	20	26-Jul-24	22-Aug-24	527			//////	eer Review and Approve Ceramic T		
S2680	Engineer Review and Approve Acoustical Ceiling Tile	20	20	20	26-Jul-24	22-Aug-24	522				eer Review and Approve Acoustical		
22300						/ wg 2 r	JLL		/ / / /	///////////////////////////////////////	*/////////////////////////////////////	· · · · · / / / / / / / / / / / / / / /	







Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	
			Dur					FMAMJJulASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJJULASONDJFMAMJULA
S2730	Engineer Review and Approve Resilient Tile Flooring	20	20	20	26-Jul-24	22-Aug-24		
S2780	Engineer Review and Approve Tile Carpeting	20	20	20	26-Jul-24	22-Aug-24	537	Engineer Review and Approve Tile Carpeting
S2830	Engineer Review and Approve Protective Coatings	20	20	20	26-Jul-24	22-Aug-24	270	RPR Review and Approve Protective Coatings
S2590	Fabricate and Deliver Gypsum Board Assemblies	30	30	30	23-Aug-24	04-Oct-24	315	Pairt Full I abricate and Deliver Gypsum Board Assemblies
S2640	Fabricate and Deliver Ceramic Tile	30	30	30	23-Aug-24	04-Oct-24	527	Time fabricate and Deliver Ceramic Tile
S2690	Fabricate and Deliver Acoustical Ceiling Tile	30	30	30	23-Aug-24	04-Oct-24	522	fabricate and Deliver Acoustical Ceiling Tile
S2740	Fabricate and Deliver Resilient Tile Flooring	30	30	30	23-Aug-24	04-Oct-24	542	fabricate and Deliver Resilient Tile Flooring
S2790	Fabricate and Deliver Tile Carpeting	30	30	30	23-Aug-24	04-Oct-24	537	tabricate and Deliver Tile Carpeting
S2840	Fabricate and Deliver Protective Coatings	30	30	30	23-Aug-24	04-Oct-24	270	abricate and Deliver Protective Coatings
Division 10	- Specialties	95	95	95	22-May-24	04-Oct-24	557	
S2850	Execute Agreement Signage	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Signage
S2900	Execute Agreement Toilet, Bath, and Laundry Accessories	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Tollet, Bath, and Laundry Accessories
S2950	Execute Agreement Fire Protection Assemblies	30	30	30	22-May-24	03-Jul-24	305	Execute Agreement Fire Protection Assemblies
S3000	Execute Agreement Identification of Piping and Valves with Markings and Tags	30	30	30	22-May-24	03-Jul-24	537	Execute Agreement Identification of Piping and Valves with Markings and Tags
S3050	Execute Agreement Metal Lockers	30	30	30	22-May-24	03-Jul-24	557	Execute Agreement Metal Lockers
S2860	Develop Submittal Signage	10	10	10	05-Jul-24	18-Jul-24	552	Submittal Signage
S2910	Develop Submittal Toilet, Bath, and Laundry Accessories	10	10	10	05-Jul-24	18-Jul-24	552	Develor Submittal Toilet, Bath, and Laundry Accessories
S2960	Develop Submittal Fire Protection Assemblies	10	10	10	05-Jul-24	18-Jul-24	305	Develor Submittal Fire Protection Assemblies
S3010	Develop Submittal Identification of Piping and Valves with Markings and Tags	10	10	10	05-Jul-24	18-Jul-24	537	Develor Submittal Identification of Piping and Valves with Markings and Tags
S3060	Develop Submittal Metal Lockers	10	10	10	05-Jul-24	18-Jul-24	557	Develor Submittal Metal Lockers
S2870	MWH Review and Approve Signage	5	5	5	19-Jul-24	25-Jul-24	552	MWH Review and Approve Signage
S2920	MWH Review and Approve Toilet, Bath, and Laundry Accessories	5	5	5	19-Jul-24	25-Jul-24	552	MWH Review and Approve Toilet, Bath, and Laundry Accessories
S2970	MWH Review and Approve Fire Protection Assemblies	5	5	5	19-Jul-24	25-Jul-24	305	MWH Review and Approve Fire Protection Assemblies
S3020	MWH Review and Approve Identification of Piping and Valves with Markings and	5	5	5	19-Jul-24	25-Jul-24	537	/ MWH Review and Approve Identification of Piping and Valves with Markings and Tags
S3070	MWH Review and Approve Metal Lockers	5	5	5	19-Jul-24	25-Jul-24	557	MWH (Review and Approve Metal Lockers
S2880	Engineer Review and Approve Signage	20	20	20	26-Jul-24	22-Aug-24	552	Engineer Review and Approve Signage
S2930	Engineer Review and Approve Toilet, Bath, and Laundry Accessories	20	20	20	26-Jul-24	22-Aug-24	552	Engineer Review and Approve Toilet, Bath, and Laundry Accessories
S2980	Engineer Review and Approve Fire Protection Assemblies	20	20	20	26-Jul-24	22-Aug-24	305	Engineer Review and Approve Fire Protection Assemblies
S3030	Engineer Review and Approve Fire Protection Assemblies  Engineer Review and Approve Identification of Piping and Valves with Markings ar	20	20	20	26-Jul-24	22-Aug-24	537	Engineer Review and Approve Identification of Piping and Valves with Markings and Tags
S3080	Engineer Review and Approve Identification of Fighting and Valves with Markings at Engineer Review and Approve Metal Lockers	20	20	20	26-Jul-24	22-Aug-24 22-Aug-24	557	Engineer Review and Approve Metal Lockers
S2890	Fabricate and Deliver Signage	30	30	30	23-Aug-24	04-Oct-24	552	Habricate and Deliver Signage
S2940	Fabricate and Deliver Toilet, Bath, and Laundry Accessories	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552	abricate and Deliver Toilet, Bath, and Laundry Accessories
S2940 S2990	Fabricate and Deliver Fire Protection Assemblies	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	305	Fabricate and Deliver Fire Protection Assemblies
S3040	Fabricate and Deliver Identification of Piping and Valves with Markings and Tags	_				04-Oct-24		abricate and Deliver Identification of Piping and Valves with Markings and Tags
S3090	Fabricate and Deliver Metal Lockers	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	537 557	Fabricate and Deliver Metal Lockers
		30		95	23-Aug-24 22-May-24	04-Oct-24	552	
	- Equipment	95	95					Execute Agreement Laboratory Fume Hoods
S3100	Execute Agreement Laboratory Fume Hoods	30	30	30	22-May-24	03-Jul-24	552	Develor Submittal Laboratory Furne Hoods
S3110	Develop Submittal Laboratory Fume Hoods	10	10	10	05-Jul-24	18-Jul-24	552	9 MWH Review and Approve Laboratory Fume Hoods
S3120	MWH Review and Approve Laboratory Fume Hoods	5	5	5	19-Jul-24	25-Jul-24	552	Engineer Review and Approve Laboratory Fume Hoods
S3130	Engineer Review and Approve Laboratory Fume Hoods	20	20	20	26-Jul-24	22-Aug-24	552	Fabricate and Deliver Laboratory Furne Hoods
S3140	Fabricate and Deliver Laboratory Fume Hoods	30	30	30	23-Aug-24	04-Oct-24	552	Tabilicate and Denyer readulatory, fulfile floods
	? - Furnishings	95	95	95	22-May-24	04-Oct-24	547	
S3150	Execute Agreement Metal Laboratory Casework	30	30	30	22-May-24	03-Jul-24	542	Execute Agreement Metal Laboratory Casework
S3200	Execute Agreement Site Furnishings	30	30	30	22-May-24	03-Jul-24	547	Execute Agreement Site Furnishings
S3160	Develop Submittal Metal Laboratory Casework	10	10	10	05-Jul-24	18-Jul-24	542	Dévelor Submittal Metal Laboratory Casework
S3210	Develop Submittal Site Furnishings	10	10	10	05-Jul-24	18-Jul-24	547	Develop Submittal Site Furnishings
S3170	MWH Review and Approve Metal Laboratory Casework	5	5	5	19-Jul-24	25-Jul-24	542	MWH Review and Approve Metal Laboratory Casework
S3220	MWH Review and Approve Site Furnishings	5	5	5	19-Jul-24	25-Jul-24	547	MWH Review and Approve Site Furnishings
S3180	Engineer Review and Approve Metal Laboratory Casework	20	20	20	26-Jul-24	22-Aug-24	542	Engineer Review and Approve Metal Laboratory Casework
S3230	Engineer Review and Approve Site Furnishings	20	20	20	26-Jul-24	22-Aug-24	547	Engineer Review and Approve Site Furnishings
S3190	Fabricate and Deliver Metal Laboratory Casework	30	30	30	23-Aug-24	04-Oct-24	542	fabricate and Deliver Metal Laboratory Casework
S3240	Fabricate and Deliver Site Furnishings	30	30	30	23-Aug-24	04-Oct-24	547	fabricate and Deliver Site Furnishings

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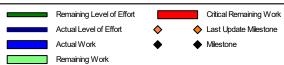


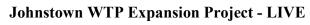




Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	2023 2024 2025 2026 2027
			Dur					F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M J Jul
	13 - Special Construction (Residuals & DCB)	195	195	195	,	04-Mar-25	442	
S3250	Execute Agreement Cleaning and Disinfection of Water Treatment Plant	30	30	30	22-May-24	03-Jul-24	529	Execute Agreement Cleaning and Disinfection of Water Treatment Plant
S3300	Execute Agreement Metal Building Systems (Residuals & DCB)	30	30	30	22-May-24	03-Jul-24	145	RPR Lacement Metal Building Systems (Residuals & DCB)
S3350	Execute Agreement Lightning Protection Systems	30	30	30	22-May-24	03-Jul-24	542	Part Exegute Agreement Lightning Protection Systems
S3260	Develop Submittal Cleaning and Disinfection of Water Treatment Plant	10	10	10	05-Jul-24	18-Jul-24	529	Time Provelor Submittal Cleaning and Disinfection of Water Treatment Plant
S3310	Develop Submittal Metal Building Systems (Residuals & DCB)	10	10	10	05-Jul-24	18-Jul-24	145	Develor Submittal Metal Building Systems (Residuals & DCB)
S3360	Develop Submittal Lightning Protection Systems	10	10	10	05-Jul-24	18-Jul-24	542	Develor Submittal Lightning Profection Systems
S3270	MWH Review and Approve Cleaning and Disinfection of Water Treatment Plant	5	5	5	19-Jul-24	25-Jul-24	529	MWH Review and Approve Cleaning and Disinfection of Water Treatment Plant
S3320	MWH Review and Approve Metal Building Systems (Residuals & DCB)	5	5	5	19-Jul-24	25-Jul-24	145	9 MWH Review and Approve Metal Building Systems (Residuals & DCB)
S3370	MWH Review and Approve Lightning Protection Systems	5	5	5	19-Jul-24	25-Jul-24	542	MWH Review and Approve Lightning Protection Systems
S3280	Engineer Review and Approve Cleaning and Disinfection of Water Treatment Plan	20	20	20	26-Jul-24	22-Aug-24	529	Engineer Review and Approve Cleaning and Disinfection of Water Treatment Plant
S3330	Engineer Review and Approve Metal Building Systems (Residuals & DCB)	20	20	20	26-Jul-24	22-Aug-24	145	Engineer Review and Approve Metal Building Systems (Residuals & DQB)
S3380	Engineer Review and Approve Lightning Protection Systems	20	20	20	26-Jul-24	22-Aug-24	542	Engineer Review and Approve Lightning Protection Systems
S3290	Fabricate and Deliver Cleaning and Disinfection of Water Treatment Plant	30	30	30	23-Aug-24	04-Oct-24	529	Fabricate and Deliver Cleaning and Disinfection of Water Treatment Plant
S3340	Fabricate and Deliver Metal Building Systems (Residuals & DCB)	130	130	130	23-Aug-24	04-Mar-25	145	Habricate and Deliver Metal Building Systems (Residuals & DCB)
S3390	Fabricate and Deliver Lightning Protection Systems	30	30	30	23-Aug-24	04-Oct-24	542	Fabricate and Deliver Lightning Protection Systems
Division	22 - Plumbing	95	95	95	22-May-24	04-Oct-24	552	
S3450	Execute Agreement Sleeves and Sleeve Seals for Plumbing Piping	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Sleeves and Sleeve Seals for Plumbing Piping
S3500	Execute Agreement Escutcheons for Plumbing Piping	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Escutcheons for Plumbing Piping
S3550	Execute Agreement Meters and Gauges for Plumbing Piping	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Meters and Gauges for Plumbing Piping
S3600	Execute Agreement General-Duty Valves for Plumbing Piping	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement General Duty Valves for Plumbing Piping
S3650	Execute Agreement Hangers and Supports for Plumbing Piping and Equipment	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Hangers and Supports for Plumbing Piping and Equipment
S3700	Execute Agreement Identification for Plumbing Piping and Equipment	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Identification for Plumbing Piping and Equipment
S3750	Execute Agreement Plumbing Piping Insulation	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Plumbing Piping Insulation
S3800	Execute Agreement Domestic Water Piping	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Domestic Water Piping
S3850	Execute Agreement Domestic Water Piping Specialties	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Domestic Water Piping Specialties
S3900	Execute Agreement Domestic Water pumps	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Domestic Water pumps
S3950	Execute Agreement Sanitary, Waste, and Vent Piping	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Sanitary, Waste, and Vent Piping
S4000	Execute Agreement Sanitary Waste Piping Specialties	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Sanitary Waste Piping Specialties
S4050	Execute Agreement Sump Pumps	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Sump Pumps
S4100	Execute Agreement Fuel-Fired, Domestic-Water Heaters	30	30	30	22-May-24	03-Jul-24	290	Execute Agreement Fuel-Fired, Domestic-Water Heaters
S4150	Execute Agreement Commercial Water Closets	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Commercial Water Closets
S4200	Execute Agreement Commercial Urinals	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Commercial Orinals
S4250	Execute Agreement Commercial Lavatories	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Commercial Lavatories
S4300	Execute Agreement Commercial Sinks	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Commercial Sinks
S4350	Execute Agreement Emergency Plumbing Fixtures		_	30	22-May-24	03-Jul-24	552	Execute Agreement Entergency Plumbing Fixtures
S4400	Execute Agreement Pressure Water Coolers	30	30	30	22-May-24	03-Jul-24	552	Execute Agreement Pressure Water Coolers
S3460	Develop Submittal Sleeves and Sleeve Seals for Plumbing Piping		10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Sleeves and Sleeve Seals for Plumbing Piping
S3510	Develop Submittal Sieeves and Sieeve Seas for Flumbing Piping  Develop Submittal Escutcheons for Plumbing Piping	10	10	10	05-Jul-24 05-Jul-24	18-Jul-24	552	Develop Submittal Escutcheons for Plumbing Piping
S3560		10	-		05-Jul-24 05-Jul-24	18-Jul-24		Develor Submittal Meters and Gauges for Plumbing Piping
	Develop Submittal Meters and Gauges for Plumbing Piping	10	10	10			290	Develor Submittal General-Duty Valves for Plumbing Piping
S3610	Develop Submittal General-Duty Valves for Plumbing Piping	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Hangers and Supports for Plumbing Piping and Equipment
S3660	Develop Submittal Hangers and Supports for Plumbing Piping and Equipment	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Identification for Plumbing Piping and Equipment
S3710	Develop Submittal Identification for Plumbing Piping and Equipment	10	10	10	05-Jul-24	18-Jul-24	552	Develor Submittal Plumbing Riping Insulation
S3760	Develop Submittal Plumbing Piping Insulation	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Promission Water Piping
S3810	Develop Submittal Domestic Water Piping	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Domestic Water Piping Specialties
S3860	Develop Submittal Domestic Water Piping Specialties	10	10	10	05-Jul-24	18-Jul-24	290	Develop Submittal Domestic Water pumps
S3910	Develop Submittal Domestic Water pumps	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Sorties Submittal Sanitary, Waste, and Vient Piping
S3960	Develop Submittal Sanitary, Waste, and Vent Piping	10	10	10	05-Jul-24	18-Jul-24	290	hl i <i>V /i/ X /i/ /i/ /i/ k</i> i i i i   <i>V /i/ / // X /i/ X /i i i i </i>
S4010	Develop Submittal Sanitary Waste Piping Specialties	10	10	10	05-Jul-24	18-Jul-24	290	Develor Submittal Sanitary Waste Piping Specialties  Develor Submittal Sump Pumps
S4060	Develop Submittal Sump Pumps	10	10	10	05-Jul-24	18-Jul-24	290	
S4110	Develop Submittal Fuel-Fired, Domestic-Water Heaters	10	10	10	05-Jul-24	18-Jul-24	290	Dévelor Submittal Fuél-Fired Doméstic-Water Heaters
S4160	Develop Submittal Commercial Water Closets	10	10	10	05-Jul-24	18-Jul-24	552	Develor Submittal Commercial Water Closets

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Activity ID		Activity Name	Orig Rem ACD Dur Dur	Start	Finish	Total Float	2023	2024	2025	2026	2027
S42	210	Develop Submittal Commercial Urinals	10 10 10	05-Jul-24	18-Jul-24	552	F M A M J Jul A S O N D J F N	M A M J Jul A S O N	D J F M A M J Jul A S O N D ubmittal Commercial Urinals	J F M A M J Jul A S O N D	J F M A M J
		·							ubmittal Commercial Lavatories		
S42		Develop Submittal Commercial Lavatories		05-Jul-24	18-Jul-24	552			ubmittal Commercial Sinks		
S43		Develop Submittal Commercial Sinks	10 10 10	05-Jul-24	18-Jul-24	552			ubmittal Emergency Plumbing Fixtur		
S43		Develop Submittal Emergency Plumbing Fixtures	10 10 10	05-Jul-24	18-Jul-24	552		Davida Si			
S44		Develop Submittal Pressure Water Coolers	10 10 10	05-Jul-24	18-Jul-24	552		VINIC///AMMA/	ubmittal Pressure Water Coolers	o Soolo for Division 7	
S34		MWH Review and Approve Sleeves and Sleeve Seals for Plumbing Piping	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Sleeves and Sleev	1////////////	
S35		MWH Review and Approve Escutcheons for Plumbing Piping	5 5 5	19-Jul-24	25-Jul-24	552			riew and Approve Escutcheons for F		
S35		MWH Review and Approve Meters and Gauges for Plumbing Piping	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Meters and Gauge	· · · / / / / / / / / / / / / / / / / /	
S36		MWH Review and Approve General-Duty Valves for Plumbing Piping	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve General-Duty Valv	1 / / / / / / / / / / / /	
S36		MWH Review and Approve Hangers and Supports for Plumbing Piping and Equip	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve Hangers and Supp	///////////////////////////////////////	pment
S37		MWH Review and Approve Identification for Plumbing Piping and Equipment	5 5 5	19-Jul-24	25-Jul-24	552			riew and Approve Identification for Pl	- / / / / / / / / / /	
S37		MWH Review and Approve Plumbing Piping Insulation	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve Plumbing Piping Ir		
S38		MWH Review and Approve Domestic Water Piping	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve Domestic Water P		
S38	870	MWH Review and Approve Domestic Water Piping Specialties	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Domestic Water P		
S39	920	MWH Review and Approve Domestic Water pumps	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Domestic Water p		
S39	970	MWH Review and Approve Sanitary, Waste, and Vent Piping	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Sanitary, Waste, a		
S40	020	MWH Review and Approve Sanitary Waste Piping Specialties	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve Sanitary Waste Pi	ping Specialties	
S40	070	MWH Review and Approve Sump Pumps	5 5 5	19-Jul-24	25-Jul-24	290			view and Approve Sump Pumps		
S41	120	MWH Review and Approve Fuel-Fired, Domestic-Water Heaters	5 5 5	19-Jul-24	25-Jul-24	290			riew and Approve Fuel-Fired, Domes		
S41	170	MWH Review and Approve Commercial Water Closets	5 5 5	19-Jul-24	25-Jul-24	552		MWHIRev	riew and Approve Commercial Wate	r Closets	
S42	220	MWH Review and Approve Commercial Urinals	5 5 5	19-Jul-24	25-Jul-24	552		□ MWH Rev	view and Approve Commercial Urina	ls /////////	
S42		MWH Review and Approve Commercial Lavatories	5 5 5	19-Jul-24	25-Jul-24	552		□ MWH Rev	riew and Approve Commercial Lavat	ories ///////	
S43		MWH Review and Approve Commercial Sinks	5 5 5	19-Jul-24	25-Jul-24	552		MWHIRev	iew and Approve Commercial Sinks		
S43		MWH Review and Approve Emergency Plumbing Fixtures	5 5 5	19-Jul-24	25-Jul-24	552		1 MWH Rev	iew and Approve Emergency Plumb	ing Fixtures	
S44		MWH Review and Approve Pressure Water Coolers	5 5 5	19-Jul-24	25-Jul-24	552			view and Approve Pressure Water C		
S34		Engineer Review and Approve Sleeves and Sleeve Seals for Plumbing Piping	20 20 20	26-Jul-24	22-Aug-24	290		Enginee	er Review and Approve Sleeves and	Sleeve Seals for Plumbing Piping	
S35		Engineer Review and Approve Escutcheons for Plumbing Piping	20 20 20	26-Jul-24	22-Aug-24	552		Enginee	er Review and Approve Escutcheons	for Plumbing Piping	
S35		Engineer Review and Approve Meters and Gauges for Plumbing Piping	20 20 20	26-Jul-24	22-Aug-24	290			er Review and Approve Meters and (	1/9////////	
S36		Engineer Review and Approve General-Duty Valves for Plumbing Piping	20 20 20	26-Jul-24	22-Aug-24	290			er Review and Approve General-Dut		
S36		Engineer Review and Approve Hangers and Supports for Plumbing Piping and Equ	20 20 20	26-Jul-24	22-Aug-24	290			er Review and Approve Hangers and	( / / / / / / / / / / /	l Equipment
S37		Engineer Review and Approve Identification for Plumbing Piping and Equipment	20 20 20	26-Jul-24	22-Aug-24	552			er Review and Approve Identification		
S37		Engineer Review and Approve Plumbing Piping Insulation	20 20 20	26-Jul-24	22-Aug-24	290			er Review and Approve Plumbing Pip	//7////////	
S38		Engineer Review and Approve Domestic Water Piping	20 20 20	26-Jul-24	22-Aug-24 22-Aug-24	290			er Review and Approve Domestic W		
S38		Engineer Review and Approve Domestic Water Piping Specialties	20 20 20	26-Jul-24	22-Aug-24 22-Aug-24	290			er Review and Approve Domestic W		
S39		Engineer Review and Approve Domestic Water rumps	20 20 20	26-Jul-24	22-Aug-24 22-Aug-24	290		1//////////////////////////////////////	er Review and Approve Domestic W		
S39		Engineer Review and Approve Bornestic Water pumps  Engineer Review and Approve Sanitary, Waste, and Vent Piping	20 20 20	26-Jul-24	22-Aug-24 22-Aug-24	290			er Review and Approve Sanitary, Wa		
S40		Engineer Review and Approve Sanitary, Waste, and Vent Piping  Engineer Review and Approve Sanitary Waste Piping Specialties	20 20 20	26-Jul-24	22-Aug-24 22-Aug-24	290			er Review and Approve Sanitary Was	///////////////////////////////////////	
S40 S40		Engineer Review and Approve Samilary waste Piping Specialities  Engineer Review and Approve Sump Pumps		26-Jul-24 26-Jul-24		290			er Review and Approve Sump Pump		
S40 S41		Engineer Review and Approve Sump Pumps  Engineer Review and Approve Fuel-Fired, Domestic-Water Heaters		26-Jul-24 26-Jul-24	22-Aug-24	290			er Review and Approve Fuel Fired, D		
S4 S41		Engineer Review and Approve Fuer-Fired, Domestic-water Heaters  Engineer Review and Approve Commercial Water Closets		26-Jul-24 26-Jul-24	22-Aug-24	552			er Review and Approve Commercial	1/////////////	
S4 <sup>2</sup>					22-Aug-24				er Review and Approve Commercial		
		Engineer Review and Approve Commercial Urinals	20 20 20	26-Jul-24	22-Aug-24	552			er Review and Approve Commercial	! ! ! <i>V /</i> ! <i>/ Y /</i> ! <i>/ X / ! / X /</i> ! ! !	
S42		Engineer Review and Approve Commercial Lavatories	20 20 20	26-Jul-24	22-Aug-24	552 552			er Review and Approve Commercial		
S43		Engineer Review and Approve Commercial Sinks	20 20 20	26-Jul-24	22-Aug-24	552			er Review and Approve Emergency I		
S43		Engineer Review and Approve Emergency Plumbing Fixtures	20 20 20	26-Jul-24	22-Aug-24	552			er Review and Approve Pressure Wa	7////////////	
S44		Engineer Review and Approve Pressure Water Coolers	20 20 20	26-Jul-24	22-Aug-24	552			ricate and Deliver Sleeves and Slee		
S34		Fabricate and Deliver Sleeves and Sleeve Seals for Plumbing Piping	30 30 30	23-Aug-24	04-Oct-24	290		- / / / / / / / / / / / / / !	ricate and Deliver Escutcheons for F		
S35		Fabricate and Deliver Escutcheons for Plumbing Piping	30 30 30	23-Aug-24	04-Oct-24	552			ricate and Deliver Meters and Gaug	9/2/9//////	
S35		Fabricate and Deliver Meters and Gauges for Plumbing Piping	30 30 30	23-Aug-24	04-Oct-24	290				1///////////	
S36		Fabricate and Deliver General-Duty Valves for Plumbing Piping	30 30 30	23-Aug-24	04-Oct-24	290		//////////////////////////////////////	ricate and Deliver General-Duty Valv	1///9//////	iorboot
S36		Fabricate and Deliver Hangers and Supports for Plumbing Piping and Equipment	30 30 30	23-Aug-24	04-Oct-24	290			ricate and Deliver Hangers and Sup	(///////////	hileir
S37		Fabricate and Deliver Identification for Plumbing Piping and Equipment	30 30 30	23-Aug-24	04-Oct-24	552			ricate and Deliver Identification for P	-//////////	
S37		Fabricate and Deliver Plumbing Piping Insulation	30 30 30	23-Aug-24	04-Oct-24	290			ricate and Deliver Plumbing Piping I		
S38	840	Fabricate and Deliver Domestic Water Piping	30 30 30	23-Aug-24	04-Oct-24	290		ab	ricate and Deliver Domestic Water F	riping ///////////	
Data Data		Remaining Level of Effort Critical Remaining Work									

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Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule



Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float	2023	202	24	2025 2026 2027
S3890	Fabricate and Deliver Domestic Water Piping Specialties	30	30	30	23-Aug-24	04-Oct-24	290	F M A M J Jul A S O N	I D J F M A M J	Jul A S O	NDJFMAMJJulASONDJFMAMJJulASONDJJFMAMJJ Fabricate and Deliver Domestic Water Piping Specialties
S3940	Fabricate and Deliver Domestic Water pumps	30	30	30	23-Aug-24	04-Oct-24	290			' / '/ / / / / .	abricate and Deliver Domestic Water pumps
S3990	Fabricate and Deliver Sanitary, Waste, and Vent Piping	30	30	30	23-Aug-24	04-Oct-24	290		RPR		abricate and Deliver Sanitary, Waste, and Vent Piping
S4040	Fabricate and Deliver Sanitary Waste Piping Specialties	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	290				abricate and Deliver Sanitary Waste Piping Specialties
S4090	Fabricate and Deliver Sump Pumps	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	290		Part	/ //UN///	abricate and Deliver Sump Pumps
S4140	Fabricate and Deliver Fuel-Fired, Domestic-Water Heaters	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	290		Time	/ A MM 4 /	abricate and Deliver Fuel-Fired, Domestic-Water Heaters
S4190	Fabricate and Deliver Commercial Water Closets	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			/ / / / / /	abricate and Deliver Commercial Water Closets
S4240	Fabricate and Deliver Commercial Urinals	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			//////////	Fabricate and Deliver Commercial Urinals
S4290	Fabricate and Deliver Commercial Lavatories	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			///////	abricate and Deliver Commercial Lavatories
S4340	Fabricate and Deliver Commercial Sinks	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			//////	Fabricate and Deliver Commercial Sinks
S4390	Fabricate and Deliver Emergency Plumbing Fixtures	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			//////	abricate and Deliver Emergency Plumbing Fixtures
S4440	Fabricate and Deliver Pressure Water Coolers	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	552			' / ' / / / ' / '	abricate and Deliver Pressure Water Coolers
	- Heating Ventilating and Air Conditioning	95	95	95	23-Aug-24 22-May-24	04-Oct-24	552				
			-							Evecute	Agreement Common Motor Requirements for HVAC Piping
S4450	Execute Agreement Common Motor Requirements for HVAC Piping	30	30	30	22-May-24	03-Jul-24	552				Agreement Hangers and Supports for HVAC Piping and Equipment
S4500	Execute Agreement Hangers and Supports for HVAC Piping and Equipment	30	30	30	22-May-24	03-Jul-24	552		////		Agreement Identification for HVAC Piping and Equipment
S4550	Execute Agreement Identification for HVAC Piping and Equipment	30	30	30	22-May-24	03-Jul-24	552		////	///////	
S4600	Execute Agreement Testing, Adjusting, and Balancing	30	30	30	22-May-24	03-Jul-24	552			/ / / // // /	Agreement Testing, Adjusting, and Balancing Agreement Duct Insulation
S4650	Execute Agreement Duct Insulation	30	30	30	22-May-24	03-Jul-24	552		///22	///////	
S4700	Execute Agreement Instrumentation and Control for HVAC	30	30	30	22-May-24	03-Jul-24	552		1///	////////	Agreement Instrumentation and Control for HVAC
S4750	Execute Agreement Facility Natural-Gas Piping	30	30	30	22-May-24	03-Jul-24	552			///////	Agreement Fability Natural-Gas Piping
S4800	Execute Agreement Refrigerant Piping	30	30	30	22-May-24	03-Jul-24	552			//////	Agreement Refrigerant Piping
S4850	Execute Agreement Metal Ducts	30	30	30	22-May-24	03-Jul-24	552		///Z	///////	Agreement Metal Ducts
S4900	Execute Agreement Nonmetal Ducts	30	30	30	22-May-24	03-Jul-24	552		////	' / / / / / .	Agreement Ndometal Ducts
S4950	Execute Agreement Air Duct Accessories	30	30	30	22-May-24	03-Jul-24	552		///22		Agreement Air Duct Accessories
S5000	Execute Agreement HVAC Power Ventilators	30	30	30	22-May-24	03-Jul-24	552		////		Agreement HVAC Power Ventilators
S5050	Execute Agreement Diffuser, Registers, and Grilles	30	30	30	22-May-24	03-Jul-24	552			///////	Agreement Diffuser, Registers, and Grilles
S5100	Execute Agreement Breechings, Chimneys, and Stacks	30	30	30	22-May-24	03-Jul-24	552			/ * / // * /	Agreement Breechings, Chimneys, and Stacks
S5150	Execute Agreement Gas Fired Unit Heaters	30	30	30	22-May-24	03-Jul-24	552			//////	Agreement Gas Fired Unit Heaters
S5200	Execute Agreement Indirect Fuel-fired Heating and Ventilating Units	30	30	30	22-May-24	03-Jul-24	552		1//7	//////////	Agreement Indirect Fuel-fired Heating and Ventilating Units
S5250	Execute Agreement Packaged, Outdoor, Central-Station Air Handling Units	30	30	30	22-May-24	03-Jul-24	552		///7	///////	Agreement Packaged, Outdoor, Central-Station Air Handling Units
S5300	Execute Agreement Dedicated Outdoor-Air Units	30	30	30	22-May-24	03-Jul-24	552			//////	Agreement Dedicated Outdoor-Air Units
S5350	Execute Agreement Split-System Air-Conditioners	30	30	30	22-May-24	03-Jul-24	552				Agreement Split-System Air-Conditioners
S5400	Execute Agreement Unit Heaters	30	30	30	22-May-24	03-Jul-24	552			' / / / / / /	Agreement Unit Heaters
S4460	Develop Submittal Common Motor Requirements for HVAC Piping	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Common Motor Requirements for HVAC Piping
S4510	Develop Submittal Hangers and Supports for HVAC Piping and Equipment	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Hangers and Supports for HVAC Piping and Equipment
S4560	Develop Submittal Identification for HVAC Piping and Equipment	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Identification for HVAC Piping and Equipment
S4610	Develop Submittal Testing, Adjusting, and Balancing	10	10	10	05-Jul-24	18-Jul-24	552			///////	Submittal Testing, Adjusting, and Balancing
S4660	Develop Submittal Duct Insulation	10	10	10	05-Jul-24	18-Jul-24	552			//////	Submittal Duet Insulation
S4710	Develop Submittal Instrumentation and Control for HVAC	10	10	10	05-Jul-24	18-Jul-24	552			///////	Submittal Instrumentation and Control for HVAC
S4760	Develop Submittal Facility Natural-Gas Piping	10	10	10	05-Jul-24	18-Jul-24	552			///////	Submittal Facility Natural-Gas Pibing
S4810	Develop Submittal Refrigerant Piping	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Refrigerant Piping
S4860	Develop Submittal Metal Ducts	10	10	10	05-Jul-24	18-Jul-24	552			'//////	Submittal Metal Ducts
S4910	Develop Submittal Nonmetal Ducts	10	10	10	05-Jul-24	18-Jul-24	552			'//////	Submittal Nonmetal Ducts
S4960	Develop Submittal Air Duct Accessories	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Air Duct Accessories
S5010	Develop Submittal HVAC Power Ventilators	10	10	10	05-Jul-24	18-Jul-24	552			(//////	Submittal HVAC Power Ventilators
S5060	Develop Submittal Diffuser, Registers, and Grilles	10	10	10	05-Jul-24	18-Jul-24	552			,,,,,,,	Submittal Diffuser, Registers, and Grilles
S5110	Develop Submittal Breechings, Chimneys, and Stacks	10	10	10	05-Jul-24	18-Jul-24	552			/ / / / / / /	Submittal Breechings, Chimneys, and Stacks
S5160	Develop Submittal Gas Fired Unit Heaters	10	10	10	05-Jul-24	18-Jul-24	552			//////	Submittal Gas Fired Unit Heaters
S5210	Develop Submittal Indirect Fuel-fired Heating and Ventilating Units	10	10	10	05-Jul-24	18-Jul-24	552			//////	Submittal Indirect Fuel-fired Heating and Ventilating Units
S5260	Develop Submittal Packaged, Outdoor, Central-Station Air Handling Units	10	10	10	05-Jul-24	18-Jul-24	552			///////	Submittal Packaged, Outdoor, Central-Station Air Handling Units
S5310	Develop Submittal Dedicated Outdoor-Air Units	10	10	10	05-Jul-24	18-Jul-24	552				Submittal Dedicated Outdoor-Air Units
S5360	Develop Submittal Split-System Air-Conditioners	10	10	10	05-Jul-24	18-Jul-24	552			Develo	Submittal Split-System Air-Conditioners
											1,7,7,7,7,7,7,1









Section   Contract Submitted 14 Healers   10 10 10 16   54,442   54,445   552   1,444   54,445   54,	Activity ID	Activity Name	Orig Rem ACD Dur Dur	Start	Finish	Total Float	2023	2024	4	2025	2026	2027
March   March Homes and Approximate Project Project of Control Policy Project School   Section	S5410	Develop Submittal Unit Heaters	10 10 10	05- Jul-24	18- Jul-24	552	FMAMJJUASONDJF				J F M A M J JU A S O N D S	J F M A M J
Section   Ministry   Section   Adjustment for WAC Figure and Equation   Section   Se		·							//////		Requirements for HVAC Piping	
Section   Sect												ent
Select   Month   Reviews and Approve Heating, selecting, and Butharing   5   5   19,13.4   25,13.4   512   19,13.4   513   1					_			1////X	20 X 1/2 X 1/2 1 1 1 1			
Section   Model Network and Agronne Duck Transame												
ST22								nuie/				
4370   MMH Review and Approve Entity Number Cent Purp   5   5   5   10-11/4   25-11/		• •						V / / / / /	/ / / / / / /		nd Control for HVAC	
48420 MMH Rows and Agrows Northground Prop		• •		-					//////			
Section   Month Review and Agroups Netward Ducks   S   S   S   19-Jul 28   25-Jul 28   2									/ / / / / /			
\$400   MMH Review and Approve Normatial Dutis   6   5   5   10-11/42   5-11/42   62   62   64   64   64   64   64				_								
Section   MAYN Review and Approve An Dutt Accessories   5   5   5   19-19-124   Section   Sect		• •							MWH Review	and Approve Nonmetal Ducts		
SSCON   MAYN Review and Agronous PMAC Preview Verifications of \$ 6   5   1,5   1,5   2,5   1,5		• •							MWH Review	and Approve Air Duct Accesso	ries	
SST/20   MAYN Review and Approve Breadings, Chimneys, and Statos   5   5   50-Jul-24   25-Jul-24   55-Jul-24   5		• •		-					MWH Review	and Approve HVAC Power Ver	itilators	
\$5120 MWN Rowers and Approve Brothings, Chrimmony, and Stablas   5   5   5   5   19-11/24   25-11/24   525   1   1   1   1   1   1   1   1   1		• •		_					MWH Review	and Approve Diffuser, Register	s, and Grilles	
SST70   MVH Florine ward Approve Gainer Fred Unit Healters   SST20   MVH Florine ward Approve Protecting Floridating Units   SST20   MVH Florine ward Approve Protecting Floridating Units   SST20   MVH Florine ward Approve Protecting Floridating Units   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Colorabor National States   SST20   MVH Floridating and Approve Protecting Approve Prot		•							MWH Review	and Approve Breechings, Chim	nneys, and Stacks	
SS222				_				- / / / / / /				
SSC70		• •						- / / / / / /	///////			
SS200 MVH Review and Approve Split-Splent Air Accorditiones   5   5   19-Jul 24   25-Jul 24   525   55-50   MVH Review and Approve Split-Splent Air Accorditiones   5   5   19-Jul 24   25-Jul 25   52   1   MVH Review and Approve Split-Splent Air Accorditiones   5   5   19-Jul 24   25-Jul 25   1   MVH Review and Approve Split-Splent Air Accorditiones   5   5   19-Jul 24   25-Jul 25   2   1   MVH Review and Approve Split-Splent Air Accorditiones   5   5   19-Jul 24   25-Jul 25   2   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditiones   5   1   MVH Review and Approve Split-Splent Air Accorditions   5   1   MVH Review and Approve Split-Splent Air Accorditions   5   1   MVH Review and Approve Split-Indians   5   1   MVH Review and Approve Split Indians   5   1   MVH Review and Approve Split Indians   5   1   MVH Review and Approve Split Indians   5   1   MVH Review Air Approve S				-								s
SS/70   MVH Review and Approve Sith System Air Conditioners   5   5   19-Jul 24   25-Jul 34   525									MWH Review	and Approve Dedicated Outdoo	or-Air Units	
Set-20		• •	5 5 5		-				MWH/Review	and Approve Split-System Air-C	Conditioners	
Set   Section		·	5 5 5						MWH Review	and Approve Unit Heaters		
Set300   Engineer Review and Approve Hangers and Supports for HWAC Plining and Equipment									Fingineer R	eview and Approve Common M	otor Requirements for HVAC Piping	
Set300   Enginee Review and Approve Identification for HVAC Pleng and Equipment   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Fignee Review and Approve Engine Approve Engine Approve Internal Approve Testing Approve Engine Review and Approve Duct Insulation   20   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Pacific Natural-Case Piping   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Pacific Natural-Case Piping   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   22 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300} \text{ Engineer Review and Approve Natural-Case Piping   20   20   20   25 - Aug-24   552   \$\frac{1}{2} \text{ Set300}  Engineer Review and Approve Natural-Case Piping   20   20   20   20   20   20   20   2	S4530			26-Jul-24					Engineer R	eview and Approve Hangers and	d Supports for HVAC Piping and Equ	uipment
Set   Engineer Review and Approve Tealing, Aglisating, and Establishing   20									Engineer R	eview and Approve Identification	for HVAC Piping and Equipment	
School   Engineer Review and Approve Direct Insulation   20   20   20   20   20   20   20   2				_					Engineer R	eview and Approve Testing, Adju	usting, and Balancing	
S4730   Engineer Review and Approve Instrumentation and Control for HVAC   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Petitip Natural Sea Piping   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Petitip Natural Sea Piping   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Petitip Autral Sea Piping   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Petitip Autral Piping   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Ducts   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Ducts   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Ducts   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Ducts   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Ducts   20   20   20   25-Jul-24   22-Aug-24   552   Figureer Review and Approve Natural Piping   20   20   20   20   20   20   20   2	S4680								Engineer R	eview and Approve Duct Insulat	ion	
Set/780   Engineer Review and Approve Redity Natural-Cas Piping   20   20   25-Liu/24   22-Aug-24   552									Engineer R	eview and Approve Instrumenta	tion and Control for HVAC	
S4880   Engineer Review and Approve Metal Ducts   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Normetal Ducts   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Normetal Ducts   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve HVAC Power Vertillators   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Placers, and Grilles   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Breachings, Chimneys, and Stacks   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Breachings, Chimneys, and Stacks   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Breachings, Chimneys, and Stacks   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Breachings, Chimneys, and Stacks   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   S5300   Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   5530   Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   5530   Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   20   20   26-Jul-24   22-Aug-24   552   5530   Engineer Review and Approve Spill-System Air-Conditioners   2	S4780	Engineer Review and Approve Facility Natural-Gas Piping	20 20 20	26-Jul-24		552			Engineer R	eview and Approve Facility Natu	ıral-Gas Piping	
S4880   Engineer Review and Approve Metal Ducts   20 20 26 Jul-24   22-Aug-24   552	S4830			26-Jul-24		552			Engineer R	eview and Approve Refrigerant I	Piping	
S4330   Engineer Review and Approve Nonmetal Ducts   20   20   20   22-Jug-24   552   552   552   553   55	S4880	Engineer Review and Approve Metal Ducts	20 20 20	26-Jul-24		552			Engineer R	eview and Approve Metal Ducts		
Stool	S4930	Engineer Review and Approve Nonmetal Ducts	20 20 20	26-Jul-24	22-Aug-24	552			Engineer R	eview and Approve Nonmetal D	ucts	
S5080   Engineer Review and Approve Diffuser, Registers, and Grilles   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Gas Fired Unit Heaters   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Gas Fired Unit Heaters   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Indirect Fuel-fired Heating and Ventilating Units   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Dedicated Outdoor. Central-Station Air Handling U   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Dedicated Outdoor. Central-Station Air Handling U   20   20   26-Jul-24   22-Aug-24   552   552   5530   Engineer Review and Approve Dedicated Outdoor. Central-Station Air Handling U   20   20   26-Jul-24   22-Aug-24   552   26-Jul-24   26-Jul-	S4980	Engineer Review and Approve Air Duct Accessories	20 20 20	26-Jul-24	22-Aug-24	552			Engineer R	eview and Approve Air Duct Acc	cessories	
Sting   Engineer Review and Approve Breechings, Chimneys, and Stacks   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve a Fried Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Indirect Fuel-fired Heating and Ventilating Units   20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Packaged, Outdoor, Central-Station Air Handing U 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Packaged, Outdoor, Central-Station Air Handing U 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   Science Review and Approve Packaged, Outdoor, Central-Station Air Handing Units   Science Review and Approve Split-System Air-Conditioners   20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Split-System Air-Conditioners   20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 20 20 26-Jul-24 22-Aug-24 552   Science Review and Approve Unit Heaters   20 20 20 20 20 20 20 20 20 20 20 20 20	S5030	Engineer Review and Approve HVAC Power Ventilators	20 20 20	26-Jul-24	22-Aug-24	552			Engineer R	eview and Approve HMAC Powe	er Ventilators	
Engineer Review and Approve Gas Fired Unit Heaters  S5280 Engineer Review and Approve Indirect Fuel-fired Heating and Ventilating Units  S5280 Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handling U  S5280 Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handling U  S5280 Engineer Review and Approve Dedicated Outdoor, Air Units  S5280 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5380 Engineer Review and Approve Dedicated Outdoor, Air Units  S5430 Engineer Review and Approve Dedicated Outdoor, Air Units  S5430 Engineer Review and Approve Dedicated Outdoor, Air Units  S5440 Engineer Review and Approve Optic Indications  S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping  S4590 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment  S4590 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment  S460 Fabricate and Deliver Esting, Adjusting, and Balancing  S460 Fabricate and Deliver Duct Insulation  S4740 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Pacility Natural-Gas Piping  S4840 Fabricate and Deliver Metal Ducts  S4940 Fabricate and Deliver Metal Ducts  S5100 Fabricate and Deliver Metal Ducts  S520 Fabricate and Deliver Metal Ducts  S520 Fabricate and Deliver Metal Ducts  S5300 Fabricate and Deliver Metal Ducts  S540 Fabricate and Deliver Metal Ducts  S540 Fabricate and Deliver Nonmetal Ducts  S540 Fabricate and Deliver Nonmetal Ducts  S540 Fabricate and Deliver N	S5080	Engineer Review and Approve Diffuser, Registers, and Grilles	20 20 20	26-Jul-24	22-Aug-24	552			//////	///////////////////////////////////////		
S5230   Engineer Review and Approve Indirect Fuel-fired Heating and Ventilating Units   20 20 20 26-Jul-24 22-Aug-24 552   S5280   Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handling Units   S5330   Engineer Review and Approve Dedicated Outdoor-Air Units   20 20 20 26-Jul-24 22-Aug-24 552   S5330   Engineer Review and Approve Dedicated Outdoor-Air Units   20 20 20 26-Jul-24 22-Aug-24 552   S5330   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   S5430   Engineer Review and Approve Unit Heaters   20 20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   20 20 26-Jul-24 22-Aug-24 552   Engineer Review and Approve Split-System Air-Conditioners   20 20 20 26-Jul-24 22-Aug-24 552   20 20 20 26-Jul-24 22-Aug-24 22-Aug-24 24 2-Aug-24 552   20 20 20 20 20 20 20 20 20 20 20 20 20	S5130	Engineer Review and Approve Breechings, Chimneys, and Stacks	20 20 20	26-Jul-24	22-Aug-24	552			( <i>/</i> / / / / /			
Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handling U 20 20 26-Jul-24 22-Aug-24 552 S5330 Engineer Review and Approve Declicated Outdoor-Air Units 20 20 20 26-Jul-24 22-Aug-24 552 S5380 Engineer Review and Approve Split-System Air-Conditioners 20 20 20 26-Jul-24 22-Aug-24 552 S5430 Engineer Review and Approve Split-System Air-Conditioners 20 20 20 26-Jul-24 22-Aug-24 552 S5430 Engineer Review and Approve Unit Heaters 20 20 20 26-Jul-24 22-Aug-24 552 S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4540 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment 30 30 30 23-Aug-24 04-Oct-24 552 S4690 Fabricate and Deliver Testing, Adjusting, and Balancing 30 30 30 23-Aug-24 04-Oct-24 552 S4690 Fabricate and Deliver Deliver Deliver Institution 30 30 30 23-Aug-24 04-Oct-24 552 S4740 Fabricate and Deliver Instrumentation and Control for HVAC 30 30 30 23-Aug-24 04-Oct-24 552 S4790 Fabricate and Deliver Facility Natural-Gas Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Facility Natural-Gas Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4790 Fabricate and Deliver Facility Natural-Gas Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Facility Natural-Gas Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Nonmetal Ducts 30 30 30 23-Aug-24 04-Oct-24 552	S5180	Engineer Review and Approve Gas Fired Unit Heaters	20 20 20	26-Jul-24	22-Aug-24	552			////// <b>//!</b> ! !			
Engineer Review and Approve Dedicated Outdoor-Air Units  S5380 Engineer Review and Approve Split-System Air-Conditioners  S5380 Engineer Review and Approve Split-System Air-Conditioners  S5380 Engineer Review and Approve Unit Heaters  S5430 Engineer Review and Approve Unit Heaters  S5430 Engineer Review and Approve Unit Heaters  S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping and Equipment  S4590 Fabricate and Deliver Identification for HVAC Piping and Equipment  S4590 Fabricate and Deliver Testing, Adjusting, and Balancing  S4690 Fabricate and Deliver Testing, Adjusting, and Balancing  S4690 Fabricate and Deliver Instrumentation and Control for HVAC  S4690 Fabricate and Deliver Instrumentation and Control for HVAC  S4690 Fabricate and Deliver Facility Natural-Gas Piping  S4790 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Refrigerant Piping  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Nonmetal Ducts	S5230	Engineer Review and Approve Indirect Fuel-fired Heating and Ventilating Units	20 20 20	26-Jul-24	22-Aug-24	552			/////		1/2//////9	
S5380 Engineer Review and Approve Split-System Air-Conditioners  S5430 Engineer Review and Approve Unit Heaters  S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping and Equipment  S4590 Fabricate and Deliver Identification for HVAC Piping and Equipment  S4590 Fabricate and Deliver Testing, Adjusting, and Balancing  S4640 Fabricate and Deliver Testing, Adjusting, and Balancing  S4690 Fabricate and Deliver Duct Insulation  S4740 Fabricate and Deliver Facility Natural-Gas Piping  S4840 Fabricate and Deliver Facility Natural-Gas Piping  S4840 Fabricate and Deliver Refrigerant Piping  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Refrigerant Piping  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Nonmetal Ducts  S4840 Fabricate and Deliver Metal Ducts  S4840 Fabricate and Deliver Nonmetal Ducts  S4840 Fabricate and Deliver Nonmetal Ducts	S5280	Engineer Review and Approve Packaged, Outdoor, Central-Station Air Handling U	20 20 20	26-Jul-24		552			//////			រូ Units
S5430 Engineer Review and Approve Unit Heaters  20 20 20 26-Jul-24 22-Aug-24 552 S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping S4540 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment S4540 Fabricate and Deliver Identification for HVAC Piping and Equipment S4590 Fabricate and Deliver Testing, Adjusting, and Balancing S4640 Fabricate and Deliver Testing, Adjusting, and Balancing S4690 Fabricate and Deliver Testing, Adjusting, and Balancing S4690 Fabricate and Deliver Duct Insulation S4790 Fabricate and Deliver Instrumentation and Control for HVAC S4790 Fabricate and Deliver Facility Natural-Gas Piping S4840 Fabricate and Deliver Refrigerant Piping S4840 Fabricate and Deliver Refrigerant Piping S4840 Fabricate and Deliver Refrigerant Piping S4890 Fabricate and Deliver Metal Ducts S4990 Fabricate and Deliver Metal Ducts S4990 Fabricate and Deliver Metal Ducts S4990 Fabricate and Deliver Nonmetal Ducts		Engineer Review and Approve Dedicated Outdoor-Air Units	20 20 20	26-Jul-24	22-Aug-24				/////			
S4490 Fabricate and Deliver Common Motor Requirements for HVAC Piping  S4540 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment  S4590 Fabricate and Deliver Identification for HVAC Piping and Equipment  S4640 Fabricate and Deliver Testing, Adjusting, and Balancing  S4640 Fabricate and Deliver Testing, Adjusting, and Balancing  S4640 Fabricate and Deliver Duct Insulation  S4640 Fabricate and Deliver Puct Insulation  S4640 Fabricate and Deliver Puct Insulation  S4640 Fabricate and Deliver Puct Insulation  S4640 Fabricate and Deliver Facility Natural-Gas Piping  S4640 Fabricate and Deliver Refrigerant Piping  S4650 Fabricate and Deliver Refrigerant Piping  S4660 Fabricate an					-				//////	(//////////		
S4540 Fabricate and Deliver Hangers and Supports for HVAC Piping and Equipment  30 30 30 23-Aug-24 04-Oct-24 552 S4590 Fabricate and Deliver Identification for HVAC Piping and Equipment  30 30 30 23-Aug-24 04-Oct-24 552 S4640 Fabricate and Deliver Testing, Adjusting, and Balancing 30 30 30 23-Aug-24 04-Oct-24 552 S4690 Fabricate and Deliver Duct Insulation 30 30 30 30 23-Aug-24 04-Oct-24 552 S4740 Fabricate and Deliver Instrumentation and Control for HVAC S4790 Fabricate and Deliver Facility Natural-Gas Piping 30 30 30 30 23-Aug-24 04-Oct-24 552 S4840 Fabricate and Deliver Refrigerant Piping 30 30 30 30 23-Aug-24 04-Oct-24 552 S4890 Fabricate and Deliver Metal Ducts 30 30 30 30 23-Aug-24 04-Oct-24 552 S4890 Fabricate and Deliver Metal Ducts 30 30 30 30 23-Aug-24 04-Oct-24 552 S4940 Fabricate and Deliver Nonmetal Ducts 30 30 30 30 23-Aug-24 04-Oct-24 552 S4940 Fabricate and Deliver Nonmetal Ducts 30 30 30 30 23-Aug-24 04-Oct-24 552 S4940 Fabricate and Deliver Nonmetal Ducts		•		-	-				//////			
S4590 Fabricate and Deliver Identification for HVAC Piping and Equipment  30 30 30 23-Aug-24 04-Oct-24 552  S4640 Fabricate and Deliver Testing, Adjusting, and Balancing  30 30 30 23-Aug-24 04-Oct-24 552  S4690 Fabricate and Deliver Duct Insulation  30 30 30 23-Aug-24 04-Oct-24 552  S4740 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Facility Natural-Gas Piping  30 30 30 23-Aug-24 04-Oct-24 552  S4840 Fabricate and Deliver Refrigerant Piping  30 30 30 30 23-Aug-24 04-Oct-24 552  S4890 Fabricate and Deliver Metal Ducts  30 30 30 23-Aug-24 04-Oct-24 552  S4890 Fabricate and Deliver Metal Ducts  30 30 30 30 23-Aug-24 04-Oct-24 552  S4940 Fabricate and Deliver Nonmetal Ducts  30 30 30 30 23-Aug-24 04-Oct-24 552  S4940 Fabricate and Deliver Nonmetal Ducts  30 30 30 30 23-Aug-24 04-Oct-24 552  S4940 Fabricate and Deliver Nonmetal Ducts		1		-								
S4640 Fabricate and Deliver Testing, Adjusting, and Balancing  S4690 Fabricate and Deliver Duct Insulation  S4740 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Facility Natural-Gas Piping  S4840 Fabricate and Deliver Refrigerant Piping  S4840 Fabricate and Deliver Metal Ducts  S4890 Fabricate and Deliver Metal Ducts  S4940 Fabricate and Deliver Nonmetal Ducts  S4940 Fabricate and Deliver Nonmetal Ducts  S4050 Fabricate and Deliver Refrigerant Piping  S4060 Fabricate and Deliver Metal Ducts  S4060 Fabricate and Deliver Nonmetal Ducts  S4060 Fabricate and Deliver Nonmetal Ducts  S4060 Fabricate and Deliver Refrigerant Piping  S4060 Fabricate and Deliver Nonmetal Ducts  S4060 Fabricate and Deliver Nonmetal Ducts				_								ent
S4690 Fabricate and Deliver Duct Insulation  S4690 Fabricate and Deliver Duct Insulation  S4740 Fabricate and Deliver Instrumentation and Control for HVAC  S4740 Fabricate and Deliver Facility Natural-Gas Piping  S4750 Fabricate and Deliver Refrigerant Piping  S4840 Fabricate and Deliver Refrigerant Piping  S4890 Fabricate and Deliver Metal Ducts  S4940 Fabricate and Deliver Metal Ducts  S4940 Fabricate and Deliver Nonmetal Ducts		. •							/////			
S4740 Fabricate and Deliver Instrumentation and Control for HVAC  S4790 Fabricate and Deliver Facility Natural-Gas Piping  S4840 Fabricate and Deliver Refrigerant Piping  S4890 Fabricate and Deliver Metal Ducts  S4890 Fabricate and Deliver Nonmetal Ducts				-							I, and Ballan¢ing	
S4790 Fabricate and Deliver Facility Natural-Gas Piping  S4840 Fabricate and Deliver Refrigerant Piping  S4890 Fabricate and Deliver Metal Ducts  S4890 Fabricate and Deliver Metal Ducts  S4890 Fabricate and Deliver Nonmetal Ducts									/ / / / / / /			
S4840 Fabricate and Deliver Refrigerant Piping  30 30 30 23-Aug-24 04-Oct-24 552  S4890 Fabricate and Deliver Metal Ducts  30 30 30 23-Aug-24 04-Oct-24 552  Fabricate and Deliver Metal Ducts  30 30 30 30 23-Aug-24 04-Oct-24 552  Fabricate and Deliver Nonmetal Ducts  30 30 30 30 30 23-Aug-24 04-Oct-24 552					_							
S4890 Fabricate and Deliver Metal Ducts  30 30 30 23-Aug-24 04-Oct-24 552 S4940 Fabricate and Deliver Nonmetal Ducts  30 30 30 30 23-Aug-24 04-Oct-24 552 Fabricate and Deliver Nonmetal Ducts  30 30 30 30 30 23-Aug-24 04-Oct-24 552									/ // // // / /		7//////////	
S4940 Fabricate and Deliver Nonmetal Ducts  30 30 30 23-Aug-24 04-Oct-24 552  Fabricate and Deliver Nonmetal Ducts									//////			
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DADON TEchnicals and Deliver Air Durk Assessmine										- :		
	S4990	Fabricate and Deliver Air Duct Accessories	30 30 30	23-Aug-24	04-Oct-24	552						
S5040 Fabricate and Deliver HVAC Power Ventilators 30 30 30 23-Aug-24 04-Oct-24 552 Fabricate and Deliver HVAC Power Ventilators	S5040	Fabricate and Deliver HVAC Power Ventilators	30   30   30	23-Aug-24	04-Oct-24	552		11/1/19	abrica	ie and peiwer Fival Power Ver	iliators ////////	

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Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule

Activity ID	Activity Name	Orig Rem Dur Dur	ACD	Start	Finish	Total Float	2023		2024		2025	2026 2027
05000	5 1 1 1 D 1 D 1 D 1 D 1			00.4	04.0.4.04		F M A M J Jul A S O N D J F N	M A M	J Jul A S	O N D J F I	M A M J Jul A S O N d Deliver Diffuser, Registe	D J F M A M J Jul A S O N D J F M A M J J
S5090	Fabricate and Deliver Diffuser, Registers, and Grilles	30 30	30	23-Aug-24	04-Oct-24	552					- Y / / / / / / / / / / Y / / Y	
S5140	Fabricate and Deliver Breechings, Chimneys, and Stacks	30 30	30	23-Aug-24	04-Oct-24	552				V /L 111 1 1 1 1 1	d Deliver Breechings, Chi d Deliver Gas Fired Unit H	
S5190	Fabricate and Deliver Gas Fired Unit Heaters	30 30	30	23-Aug-24	04-Oct-24	552		RPR/	RPR	1/3 1 1 1 1		d Heating and Ventilating Units
S5240	Fabricate and Deliver Indirect Fuel-fired Heating and Ventilating Units	30 30	30	23-Aug-24	04-Oct-24	552		Part	For		- V Z Z Z Z Z Z Z Z Z Z Z Z	oor, Central-Station Air Handling Units
S5290	Fabricate and Deliver Packaged, Outdoor, Central-Station Air Handling Units	30 30	30	23-Aug-24	04-Oct-24	552		Time	//Time	4/1	Deliver Dedicated Outdo	
S5340	Fabricate and Deliver Dedicated Outdoor-Air Units	30 30	30	23-Aug-24	04-Oct-24	552				/ /		
S5390	Fabricate and Deliver Split-System Air-Conditioners	30 30	30	23-Aug-24	04-Oct-24	552				C/k + + + + +	Deliver Split-System Air	-Gonditioners
S5440	Fabricate and Deliver Unit Heaters	30 30	30	23-Aug-24	04-Oct-24	552				rapricate and	d Déliver Unit Héaters	
	6 - Electrical	145   145		22-May-24	17-Dec-24	310						
S5550	Execute Agreement Grounding and Bonding for Electrical Systems	30 30	30	22-May-24	03-Jul-24	30				/ / •	Grounding and Bonding fo langers and Supports for	
S5600	Execute Agreement Hangers and Supports for Electrical Systems	30 30	30	22-May-24	03-Jul-24	30			/ <b>/</b> / / / /	/ / •	Raceway and Boxes for E	
S5650	Execute Agreement Raceway and Boxes for Electrical Systems	30 30	30	22-May-24	03-Jul-24	30			/ / / / / /	//	Cable Trays for Electrical	
S5700	Execute Agreement Cable Trays for Electrical Systems	30 30	30	22-May-24	03-Jul-24	30			/ / / / / /	/ /		
S5750	Execute Agreement Underground Ducts and Raceways for Electrical Systems	30 30	30	22-May-24	03-Jul-24	223				1/ /		aceways for Electrical Systems
S5800	Execute Agreement Sleeves and Sleeve Seals for Electrical Raceways and Cablin	30 30	30	22-May-24	03-Jul-24	30		///	////////			for Electrical Raceways and Cabling
S5850	Execute Agreement Identification for Electrical Systems	30 30	30	22-May-24	03-Jul-24	30		1///	1111111		dentification for Electrical	
S5900	Execute Agreement Short-Circuit, Coordination and Arc-Flash Hazard Analysis Stu	30 30	30	22-May-24	03-Jul-24	-20			///////	/ / T   T   T   T   T   T   T   T   T		and Arc-Flash Hazard Analysis Studies
S6050	Execute Agreement Panelboards	30 30	30	22-May-24	03-Jul-24	30			//////	te Agreement F		
S6150	Execute Agreement Electricity Metering	30 30	30	22-May-24	03-Jul-24	30				//	lectricity Metering	
S6200	Execute Agreement Wiring Devices	30 30	30	22-May-24	03-Jul-24	30				te Agreement V		
S6600	Execute Agreement Surge Protective Devices for Low-Voltage Electrical Power C	30 30	30	22-May-24	03-Jul-24	30				//		for Low-Voltage Electrical Power Circuits
S6650	Execute Agreement Lighting	30 30	30	22-May-24	03-Jul-24	360				te Agreement L	7//////////////////////////////////////	
S5560	Develop Submittal Grounding and Bonding for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	30					Grounding and Bonding for	
S5610	Develop Submittal Hangers and Supports for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	30			/ / / 1 / / /	1/ /	langers and Supports for	
S5660	Develop Submittal Raceway and Boxes for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	30			///////	1/1	Raceway and Boxes for E	
S5710	Develop Submittal Cable Trays for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	30			///////		able Trays for Electrical S	
S5760	Develop Submittal Underground Ducts and Raceways for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	223				/ / I I I I		aceways for Electrical Systems
S5810	Develop Submittal Sleeves and Sleeve Seals for Electrical Raceways and Cabling	10 10	10	05-Jul-24	18-Jul-24	30						for Electrical Raceways and Cabling
S5860	Develop Submittal Identification for Electrical Systems	10 10	10	05-Jul-24	18-Jul-24	30				/ / b   1   1   1   1	dentification for Electrical	
S5910	Develop Submittal Short-Circuit, Coordination and Arc-Flash Hazard Analysis Stuc	10 10	10	05-Jul-24	18-Jul-24	-20				/ / ! ! ! ! !		and Arc-Flash Hazard Analysis Studies
S6060	Develop Submittal Panelboards	10 10	10	05-Jul-24	18-Jul-24	30				or Submittal P		
S6160	Develop Submittal Electricity Metering	10 10	10	05-Jul-24	18-Jul-24	30			/ / / / / /	1/ /	lectricity Metering	
S6210	Develop Submittal Wiring Devices	10 10	10	05-Jul-24	18-Jul-24	30				Submittal V		F-1-100
S6610	Develop Submittal Surge Protective Devices for Low-Voltage Electrical Power Circ	10 10	10	05-Jul-24	18-Jul-24	30			/ / / / / /			for Low-Voltage Electrical Power Circuits
S6660	Develop Submittal Lighting	10 10	10	05-Jul-24	18-Jul-24	360			1111111	Submittal L		- J 5 - Vil Ad - 1/0 - 1/2
S5570	MWH Review and Approve Grounding and Bonding for Electrical Systems	5 5	5	19-Jul-24	25-Jul-24	30			111111		77777777777	onding for Electrical Systems
S5620	MWH Review and Approve Hangers and Supports for Electrical Systems	5 5	5	19-Jul-24	25-Jul-24	30			///////	<i>( / )</i>		oports for Electrical Systems  xes for Electrical Systems
S5670	MWH Review and Approve Raceway and Boxes for Electrical Systems	5 5	5	19-Jul-24	25-Jul-24	30			//////	/ / t	Approve Raceway and Bo Approve Cable Trays for E	
S5720	MWH Review and Approve Cable Trays for Electrical Systems	5 5	5	19-Jul-24	25-Jul-24	30				/ / k   1   1   1   1		cts and Raceways for Electrical Systems
S5770	MWH Review and Approve Underground Ducts and Raceways for Electrical Syst	5 5	5	19-Jul-24	25-Jul-24	223				//		cts and Raceways for Electrical Systems eve Seals for Electrical Raceways and Cabling
S5820	MWH Review and Approve Sleeves and Sleeve Seals for Electrical Raceways an	5 5	5	19-Jul-24	25-Jul-24	30			' X / / / / /	//	Approve sieeves and sie Approve Identification for	
S5870	MWH Review and Approve Identification for Electrical Systems	5 5	5	19-Jul-24	25-Jul-24	30				1/ / 1 1 1 1		
S5920	MWH Review and Approve Short-Circuit, Coordination and Arc-Flash Hazard Ana	5 5	5	19-Jul-24	25-Jul-24	-20			/ / / / / /		Approve Snort-Circuit Co Approve Panelboards	ordination and Arc Flash Hazard Analysis Studies
S6070	MWH Review and Approve Panelboards	5 5	5	19-Jul-24	25-Jul-24	30			////////	1/ / 1 1 1 1	Approve Panelooalds Approve Electricity Meteri	
S6170	MWH Review and Approve Electricity Metering	5 5	5	19-Jul-24	25-Jul-24	30			///////		Approve Electricity infection Approve Wiring Devices	'Y
S6220	MWH Review and Approve Wiring Devices	5 5	5	19-Jul-24	25-Jul-24	30			///////			Devices for Low-Voltage Electrical Power Circuits
S6620	MWH Review and Approve Surge Protective Devices for Low-Voltage Electrical F	5 5	5	19-Jul-24	25-Jul-24	30			///////	<b>4 / )</b>	Approve Surge Protective	Devices for Low-voltage izlectifical Fower Circuits
S6670	MWH Review and Approve Lighting	5 5	5	19-Jul-24	25-Jul-24	360			/ / / / / /	//	/////~/////////////////////////////////	and Bonding for Electrical Systems
S5580	Engineer Review and Approve Grounding and Bonding for Electrical Systems	20 20	20	26-Jul-24	22-Aug-24	30				(7) 1 1 1 1		and Supports for Electrical Systems
S5630	Engineer Review and Approve Hangers and Supports for Electrical Systems	20 20	20	26-Jul-24	22-Aug-24	30				/ -/		nd Boxes for Electrical Systems
S5680	Engineer Review and Approve Raceway and Boxes for Electrical Systems	20 20	20	26-Jul-24	22-Aug-24	30				/ /		
S5730	Engineer Review and Approve Cable Trays for Electrical Systems	20 20	20	26-Jul-24	22-Aug-24	30		1///	<u> </u>	ngi leel Keview	and Approve Cable Tray	o ioi Lieutileal aysterijo

Data Date: 10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 21 of 32

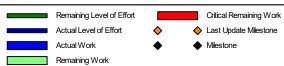


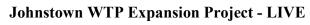




Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	2023	20	024	2025	2026	2027
			Dur					F M A M J Jul A S O N D	J F M A M J	Jul A S O	N D J F M A M J Jul A S O N D	J F M A M J Jul A S O N	D J F M A M J Ju
S5780	Engineer Review and Approve Underground Ducts and Raceways for Electrical S	20	20	20	26-Jul-24	22-Aug-24	223			V / / / / / / /	neer Review and Approve Underground	///////////////////////////////////////	
S5830	Engineer Review and Approve Sleeves and Sleeve Seals for Electrical Raceways	20	20	20	26-Jul-24	22-Aug-24	30				heer Review and Approve Sleeves and		eways and Cabling
S5880	Engineer Review and Approve Identification for Electrical Systems	20	20	20	26-Jul-24	22-Aug-24	30		RPR//		heer Review and Approve Identification		
S5930	Engineer Review and Approve Short-Circuit, Coordination and Arc-Flash Hazard A	20	20	20	26-Jul-24	22-Aug-24	-20		Part//	//////////	heer Review and Approve Short-Circuit	///////////////////////////////////////	zard Analysis Studie
S6080	Engineer Review and Approve Panelboards	20	20	20	26-Jul-24	22-Aug-24	30		time	1 / A N N H A Z	heer Review and Approve Panelboards		
S6180	Engineer Review and Approve Electricity Metering	20	20	20	26-Jul-24	22-Aug-24	30			1//////	heer Review and Approve Electridity M		
S6230	Engineer Review and Approve Wiring Devices	20	20	20	26-Jul-24	22-Aug-24	30			1 / / / / / /	heer Review and Approve Wiring Devic		
S6630	Engineer Review and Approve Surge Protective Devices for Low-Voltage Electrica	20	20	20	26-Jul-24	22-Aug-24	30			1 / / / / / /	heer Review and Approve Surge Protec	tive Devices for Low-Voltage El	ectrical Power Circu
S6680	Engineer Review and Approve Lighting	20	20	20	26-Jul-24	22-Aug-24	360			× / / / / / / /	heer Review and Approve Lighting		
S5940	Fabricate and Deliver Short-Circuit, Coordination and Arc-Flash Hazard Analysis S	30	30	30	23-Aug-24	04-Oct-24	-20				abricate and Deliver Short-Circuit, Coo	7//////////	
S5590	Fabricate and Deliver Grounding and Bonding for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Grounding	7/2///////	
S5640	Fabricate and Deliver Hangers and Supports for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Hangers a		
S5690	Fabricate and Deliver Raceway and Boxes for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Raceway a		3
S5740	Fabricate and Deliver Cable Trays for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Cable Tray		
S5790	Fabricate and Deliver Underground Ducts and Raceways for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	173				Fabricate and Deliver Undergrou		
S5840	Fabricate and Deliver Sleeves and Sleeve Seals for Electrical Raceways and Cab	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Sleeves ar		ceways and Cabling
S5890	Fabricate and Deliver Identification for Electrical Systems	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Identification		
S6090	Fabricate and Deliver Panelboards	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Panelboard		
S6190	Fabricate and Deliver Electricity Metering	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Electricity I		
S6240	Fabricate and Deliver Wiring Devices	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Wiring Dev		
S6640	Fabricate and Deliver Surge Protective Devices for Low-Voltage Electrical Power	30	30	30	04-Nov-24	17-Dec-24	-20				Fabricate and Deliver Surge Prot	ective Devices for Low-Voltage I	Electrical Power Circ
S6690	Fabricate and Deliver Lighting	30	30	30	04-Nov-24	17-Dec-24	310				Fabricate and Deliver Lighting		
Division 28	- Electronic Safety and Security	95	95	95	22-May-24	04-Oct-24	305						
S6700	Execute Agreement Access Control	30	30	30	22-May-24	03-Jul-24	305				Agreement Access Control		
S6750	Execute Agreement Video Surveillance	30	30	30	22-May-24	03-Jul-24	305			///////	Agreement Video Surveillance		
S6800	Execute Agreement Fire Alarm Systems	30	30	30	22-May-24	03-Jul-24	305			1 6 1 2 6 1	Agreement Fire Alarm Systems		
S6710	Develop Submittal Access Control	10	10	10	05-Jul-24	18-Jul-24	305			1////////	Submittal Access Control		
S6760	Develop Submittal Video Surveillance	10	10	10	05-Jul-24	18-Jul-24	305			1///////	Submittal Video Surveillance		
S6810	Develop Submittal Fire Alarm Systems	10	10	10	05-Jul-24	18-Jul-24	305			1///////	Submittal Fire Alarm Systems		
S6720	MWH Review and Approve Access Control	5	5	5	19-Jul-24	25-Jul-24	305			MWH	Review and Approve Access Control		
S6770	MWH Review and Approve Video Surveillance	5	5	5	19-Jul-24	25-Jul-24	305			MWH	Review and Approve Video Surveillance		
S6820	MWH Review and Approve Fire Alarm Systems	5	5	5	19-Jul-24	25-Jul-24	305			V / / / / / / /	Review and Approve Fire Alarm System		
S6730	Engineer Review and Approve Access Control	20	20	20	26-Jul-24	22-Aug-24	305				neer Review and Approve Access Con		
S6780	Engineer Review and Approve Video Surveillance	20	20	20	26-Jul-24	22-Aug-24	305			Fingi	heer Review and Approve Video Surve	llance	
S6830	Engineer Review and Approve Fire Alarm Systems	20	20	20	26-Jul-24	22-Aug-24	305			/ Engi	heer Review and Approve Fire Alarm S	ystems	
S6740	Fabricate and Deliver Access Control	30	30	30	23-Aug-24	04-Oct-24	305				abricate and Deliver Access Control		
S6790	Fabricate and Deliver Video Surveillance	30	30	30	23-Aug-24	04-Oct-24	305			////////	abricate and Deliver Video Surveillance		
S6840	Fabricate and Deliver Fire Alarm Systems	30	30	30	23-Aug-24	04-Oct-24	305				abricate and Deliver Fire Alarm System	ns	
Division 32	? - Exterior Improvements	95	95	95	22-May-24	04-Oct-24	627						
S7150	Execute Agreement Crushed Aggregate Base Course	30	30	30	22-May-24	03-Jul-24	627			1 / / / / / /	Agreement Crushed Aggregate Base C	ourse ////////////////////////////////////	
S7200	Execute Agreement Bituminous Tack Coat	30	30	30	22-May-24	03-Jul-24	627				Agreement Bituminous Tack Coat		
S7250	Execute Agreement Hot Mix Asphaltic-Concrete Pavement	30	30	30	22-May-24	03-Jul-24	627				Agreement Hot Mix Asphaltic-Concrete		
S7300	Execute Agreement Concrete Pavement for Roads and Site	30	30	30	22-May-24	03-Jul-24	537				Agreement Concrete Pavement for Roa		
S7350	Execute Agreement Pavement Markings for Roads, Streets, and Parking Lots	30	30	30	22-May-24	03-Jul-24	537			Execute	Agreement Pavement Markings for Roa	ids, Streets, and Parking Lots	
S7400	Execute Agreement Fences and Gates	30	30	30	22-May-24	03-Jul-24	592			V / / / / / /	Agreement Fences and Gates		
S7450	Execute Agreement Seeding & Sodding	30	30	30	22-May-24	03-Jul-24	607			V /1/ Y /1/.	Agreement Seeding & Sodding		
S7160	Develop Submittal Crushed Aggregate Base Course	10	10	10	05-Jul-24	18-Jul-24	627			1 1 1 1 1 1 1	Submittal Crushed Aggregate Base C	ourse ////////	
S7210	Develop Submittal Bituminous Tack Coat	10	10	10	05-Jul-24	18-Jul-24	627			Develop	Submittal Bituminous Tack Coat		
S7260	Develop Submittal Hot Mix Asphaltic-Concrete Pavement	10	10	10	05-Jul-24	18-Jul-24	627			1///////	Submittal Hot Mix Asphaltic-Concrete		
S7310	Develop Submittal Concrete Pavement for Roads and Site	10	10	10	05-Jul-24	18-Jul-24	537			Develop	Submittal Concrete Pavement for Roa	ds and \$ite//////////	
S7360	Develop Submittal Pavement Markings for Roads, Streets, and Parking Lots	10	10	10	05-Jul-24	18-Jul-24	537			Dévelop	Submittal Pavement Markings for Roa	ids, Streets, and Parking Lots	
S7410	Develop Submittal Fences and Gates	10	-	10	05-Jul-24	18-Jul-24	592			Dévelor	Submittal Fences and Gates		

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Activity ID	Activity Name	Orig Dur	Rem Dur	ACD	Start	Finish	Total Float	2023	2024	2025 2026 2027
S7460	Develop Submittal Seeding & Sodding	10	10	10	05-Jul-24	18-Jul-24	607	F M A M J Jul A S O N D		A S O N D J F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M M J Jul A S O N D J F M A M J Jul A S O N D J F M A M
S7170	MWH Review and Approve Crushed Aggregate Base Course	5	5	5	19-Jul-24	25-Jul-24	627		!!!!!///:///	MWH Review and Approve Crushed Aggregate Base Course
S7220	MWH Review and Approve Bituminous Tack Coat	5	5	5	19-Jul-24	25-Jul-24	627			NAVA H Review and Approve Bituminous Tack Coat
S7270	MWH Review and Approve Hot Mix Asphaltic-Concrete Pavement	5	5	5	19-Jul-24	25-Jul-24	627		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MWH Review and Approve Hot Mix Asphaltic-Concrete Pavement
S7320	MWH Review and Approve Concrete Pavement for Roads and Site	5	5	5	19-Jul-24	25-Jul-24	537		:	MWH Review and Approve Concrete Pavement for Roads and Site
S7370	MWH Review and Approve Pavement Markings for Roads, Streets, and Parking I	5	5	5	19-Jul-24	25-Jul-24	537			MWH Review and Approve Pavement Markings for Roads, Streets, and Parking Lots
S7420	MWH Review and Approve Fences and Gates	5	5	5	19-Jul-24	25-Jul-24	592			MWH Review and Approve Fences and Gates
S7470	MWH Review and Approve Seeding & Sodding	5	5	5	19-Jul-24	25-Jul-24	607			MWH Review and Approve Seeding & Sodding
S7180	Engineer Review and Approve Crushed Aggregate Base Course	20	20	20	26-Jul-24	22-Aug-24	627			Engineer Review and Approve Crushed Aggregate Base Course
S7230	Engineer Review and Approve Bituminous Tack Coat	20	20	20	26-Jul-24	22-Aug-24	627			Engineer Review and Approve Bituminous Tack Coat
S7280	Engineer Review and Approve Hot Mix Asphaltic-Concrete Pavement	20	20	20	26-Jul-24	22-Aug-24	627		· · · / / / / / / / /	Engineer Review and Approve Hot Mix Asphaltic-Concrete Payement
S7330	Engineer Review and Approve Concrete Pavement for Roads and Site	20	20	20	26-Jul-24	22-Aug-24	537		· · · · / / / / / /	Engineer Review and Approve Concrete Pavement for Roads and Site
S7380	Engineer Review and Approve Pavement Markings for Roads, Streets, and Parkir	20	20	20	26-Jul-24	22-Aug-24	537			Engineer Review and Approve Pavement Markings for Roads, Streets, and Parking Lots
S7430	Engineer Review and Approve Faverneric Markings for Roads, Streets, and Farking Engineer Review and Approve Fences and Gates	20	20	20	26-Jul-24	22-Aug-24 22-Aug-24	592			Engineer Review and Approve Fences and Gates
S7480	Engineer Review and Approve Seeding & Sodding	20	20	20	26-Jul-24	22-Aug-24	607		: :	Engineer Review and Approve Seeding & Sodding
S7460 S7190	Fabricate and Deliver Crushed Aggregate Base Course	30	30	30	23-Aug-24	04-Oct-24	627			Habricate and Deliver Crushed Aggregate Base Course
S7240	Fabricate and Deliver Bituminous Tack Coat	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	627			Habricate and Deliver Bituminous Tack Coat
S7240 S7290	Fabricate and Deliver Hot Mix Asphaltic-Concrete Pavement	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	627			Habricate and Deliver Hot Mix Asphaltic-Concrete Pavement
S7290 S7340	Fabricate and Deliver Concrete Pavement for Roads and Site	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	537			Habricate and Deliver Concrete Pavement for Roads and Site
S7390	Fabricate and Deliver Pavement Markings for Roads, Streets, and Parking Lots	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	537			Fabricate and Deliver Pavement Markings for Roads, Streets, and Parking Lots
S7440	Fabricate and Deliver Fences and Gates	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	592			Fabricate and Deliver Fences and Gates
S7490	Fabricate and Deliver Seeding & Sodding	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24	607			rabricate and Deliver Seeding & Sodding
Division 33		195				04-Oct-24 04-Mar-25	437			
S7500	Execute Agreement Interior Pipe					03-Jul-24	240			xecute Agreement Interior Pipe
S7650	Execute Agreement Progressive Cavity Pumps	30	30	30	22-May-24					xecute Agreement Progressive Cavity Pumps
S7700	Execute Agreement Hydraulic Gates	30	30	30	22-May-24	03-Jul-24	165			xecute Agreement Hydraulic Cates
S7700 S7800		30	30	30	22-May-24 22-May-24	03-Jul-24 03-Jul-24	522 255			xecute/Agreement Submersible Pumps
	Execute Agreement Submersible Pumps	30	30		-				· · ) /////////	xecute Agreement Storm Drainage Piping
S7900 S7510	Execute Agreement Storm Drainage Piping	30	30	30 10	22-May-24	03-Jul-24	537 240			Develor Submittal Interior Pipe
S7660	Develop Submittal Interior Pipe  Develop Submittal Progressive Cavity Pumps	40	10 40	40	05-Jul-24	18-Jul-24				Develop Submittal Progressive Cavity Pumps
S7710	Develop Submittal Hydraulic Gates	40	-		05-Jul-24 05-Jul-24	29-Aug-24 18-Jul-24	165 522			Develop Submittal Hydraulic Gates
S7710 S7810	Develop Submittal Submersible Pumps	10	10 40	10						Develop Submittal Submersible Pumps
		40		40	05-Jul-24	29-Aug-24	255			Develop Submittal Storm Drainage Piping
S7910	Develop Submittal Storm Drainage Piping	10	10	10	05-Jul-24	18-Jul-24	537			MWH IReview and Approve Interior Pipe
S7520	MWH Review and Approve Interior Pipe	5	5	5	19-Jul-24	25-Jul-24	240			MWH Review and Approve Hydraulic Gates
S7720	MWH Review and Approve Hydraulic Gates	5	5	5	19-Jul-24	25-Jul-24 25-Jul-24	522 537		! ! <i>                                   </i>	MWH/Review and Approve Storm Drainage Piping
S7920	MWH Review and Approve Storm Drainage Piping	5	5	-	19-Jul-24		-			Engineer Review and Approve Interior Pipe
S7530	Engineer Review and Approve Interior Pipe	20	20	20	26-Jul-24	22-Aug-24	240			Engineer Review and Approve Hydraulic Gates
S7730	Engineer Review and Approve Hydraulic Gates	20	20	20	26-Jul-24	22-Aug-24	522			Engineer Review and Approve Storm Drainage Piping
S7930 S7540	Engineer Review and Approve Storm Drainage Piping  Fabricate and Deliver Interior Pipe	20	20	20 80	26-Jul-24	22-Aug-24 17-Dec-24	537 240			Fabricate and Deliver Interior Pipe
	Fabricate and Deliver Interior Pipe Fabricate and Deliver Hydraulic Gates	80	80		23-Aug-24		_			Fabricate and Deliver Hydraulic Gates
S7740 S7940	,	30	30	30	23-Aug-24 23-Aug-24	04-Oct-24 04-Oct-24	522 537			Fabricate and Deliver Storm Drainage Piping
	Fabricate and Deliver Storm Drainage Piping	30	_							MVVH Review and Approve Progressive Cavity Pumps
S7670	MWH Review and Approve Progressive Cavity Pumps	5	5	5	30-Aug-24	06-Sep-24	165			MVVH Review and Approve Submersible Pumps
S7820 S7680	MWH Review and Approve Submersible Pumps  Engineer Poview and Approve Progressive Cavity Pumps	5	5	5	30-Aug-24	06-Sep-24	255			Ingineer Review and Approve Progressive Cavity Pumps
S7680	Engineer Review and Approve Progressive Cavity Pumps	20	20	20	09-Sep-24	04-Oct-24	165			Ingineer Review and Approve Submersible Pumps
S7830	Engineer Review and Approve Submersible Pumps	20	20	20	09-Sep-24	04-Oct-24	255			Fabricate and Deliver Progressive Cavity Pumps
S7690	Fabricate and Deliver Progressive Cavity Pumps	100	100		07-Oct-24	04-Mar-25	165			Fabricate and Deliver Submersible Pumps
S7840	Fabricate and Deliver Submersible Pumps	100			07-Oct-24	04-Mar-25	255			nabilicate and being Subilier sing runips
<b></b>	0 - Instrumentation and Control for Process Systems	145		145		17-Dec-24	275			What it a Agramment A chief of the Declaration and Control
S7950	Execute Agreement Actuators for Process Valves and Gates	30	30	30	22-May-24	03-Jul-24	240			xecute Agreement Actuators for Process Valves and Gates
S8000	Execute Agreement Common Motor Requirements for Process Equipment	30	30	30	22-May-24	03-Jul-24	325			Execute Agreement Common Motor Requirements for Process Equipment
S8050	Execute Agreement Process Control and Enterprise Management Systems	30	30	30	22-May-24	03-Jul-24	. 0	II:		xecute Agreement Process Control and Enterprise Marlagement Systems





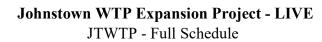




Activity ID	Activity Name	Orig Rem A0	D Start	Finish	Total Float	2023	2024	2025	2026	2027
00400			2014 04	00 1 104		FMAMJJulASONDJF	MAMJJULASOND	J   F   M   A   M   J   Ju   A   S   O   N   [ ent Process Control Software	J F M A M J Jul A S O N D J F	M A M J J
S8100	Execute Agreement Process Control Software Programming and Reports	30 30 3		03-Jul-24	0					
S8150	Execute Agreement Computer System Hardware and Ancillaries	30 30 3		03-Jul-24	0			ent Computer System Hardwa	e and Ancharjes	
S8200	Execute Agreement Control System Equipment	30 30 3		03-Jul-24	0		TYPY / / / / / XIXIXI XI / J T I I I	ent Control System Equipment		
S8250	Execute Agreement Process Control Networks	30 30 3		03-Jul-24	0		P 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ent Process Control Networks		
S8300	Execute Agreement Process Control Panels and Hardware	30 30 3		03-Jul-24	0			ent Process Control Panels an	d Hardware	
S8350	Execute Agreement Process Control Software	30 30 3		03-Jul-24	0			ent Process Control Software		
S8400	Execute Agreement Instrumentation For Process Systems	30 30 3		03-Jul-24	0			ent Instrumentation For Proces		
S7960	Develop Submittal Actuators for Process Valves and Gates	10 10 1		18-Jul-24	240			ittal Actuators for Process Valv		
S8010	Develop Submittal Common Motor Requirements for Process Equipment	10 10 1		18-Jul-24	325			ttal Common Motor Requireme		
S8060	Develop Submittal Process Control and Enterprise Management Systems	10 10 1		18-Jul-24	0			ittal Process Control and Enter	· · · / 7 / / / / / / / / / / / / / / /	
S8110	Develop Submittal Process Control Software Programming and Reports	10 10 1		18-Jul-24	0			ttal Process Control Software I		
S8160	Develop Submittal Computer System Hardware and Ancillaries	10 10 1		18-Jul-24	0			ttal Computer System Hardwa	e and Ancillaries	
S8210	Develop Submittal Control System Equipment	10 10 1		18-Jul-24	0		- 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1	ittal Control System Equipment		
S8260	Develop Submittal Process Control Networks	10 10 1		18-Jul-24	0		10.7777777777	ttal Process Control Networks		
S8310	Develop Submittal Process Control Panels and Hardware	10 10 1		18-Jul-24	0			ittal Process Control Panels an	d Hardware	
S8360	Develop Submittal Process Control Software	10 10 1	, 00 0 till 2 !	18-Jul-24	0			ttal Process Control Software		
S8410	Develop Submittal Instrumentation For Process Systems	10 10 1	0000	18-Jul-24	0			ittal Instrumentation For Proces		
S7970	MWH Review and Approve Actuators for Process Valves and Gates	5 5 5	19-Jul-24	25-Jul-24	240			and Approve Actuators for Pro		
S8020	MWH Review and Approve Common Motor Requirements for Process Equipmen	5 5 5	19-Jul-24	25-Jul-24	325				Requirements for Process Equipment	
S8070	MWH Review and Approve Process Control and Enterprise Management System	5 5 5		25-Jul-24	0				and Enterprise Management Systems	
S8120	MWH Review and Approve Process Control Software Programming and Reports	5 5 5		25-Jul-24	0				Software Programming and Reports	
S8170	MWH Review and Approve Computer System Hardware and Ancillaries	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Computer Syster		
S8220	MWH Review and Approve Control System Equipment	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Control System E		
S8270	MWH Review and Approve Process Control Networks	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Process Control		
S8320	MWH Review and Approve Process Control Panels and Hardware	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Process Control		
S8370	MWH Review and Approve Process Control Software	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Process Control		
S8420	MWH Review and Approve Instrumentation For Process Systems	5 5 5	19-Jul-24	25-Jul-24	0			and Approve Instrumentation F		
S7980	Engineer Review and Approve Actuators for Process Valves and Gates	20 20 2	) 26-Jul-24	22-Aug-24	240			eview and Approve Actuators fo		
S8030	Engineer Review and Approve Common Motor Requirements for Process Equipm	20 20 2	) 26-Jul-24	22-Aug-24	325				otor Requirements for Process Equipme	
S8080	Engineer Review and Approve Process Control and Enterprise Management Syst	20 20 2	) 26-Jul-24	22-Aug-24	0				ntrol and Enterprise Management Syster	
S8130	Engineer Review and Approve Process Control Software Programming and Repo	20 20 2		22-Aug-24	0				ntrol Software Programming and Reports	S
S8180	Engineer Review and Approve Computer System Hardware and Ancillaries	20 20 2	) 26-Jul-24	22-Aug-24	0				ystem Hardware and Ancillalies	
S8230	Engineer Review and Approve Control System Equipment	20 20 2	) 26-Jul-24	22-Aug-24	0			eview and Approve Control Sys		
S8280	Engineer Review and Approve Process Control Networks	20 20 2	) 26-Jul-24	22-Aug-24	0			eview and Approve Process Co		
S8330	Engineer Review and Approve Process Control Panels and Hardware	20 20 2	) 26-Jul-24	22-Aug-24	0		V/1/1/////////////////////////////////	eview and Approve Process Co		
S8380	Engineer Review and Approve Process Control Software	20 20 2	) 26-Jul-24	22-Aug-24	0			eview and Approve Process Co		
S8430	Engineer Review and Approve Instrumentation For Process Systems	20 20 2	) 26-Jul-24	22-Aug-24	0			eview and Approve Instrumenta		
S7990	Fabricate and Deliver Actuators for Process Valves and Gates	80 80 8		17-Dec-24	240			abricate and Deliver Actuators		
S8040	Fabricate and Deliver Common Motor Requirements for Process Equipment	30 30 3		04-Oct-24	325				Requirements for Process Equipment	
S8090	Fabricate and Deliver Process Control and Enterprise Management Systems	30 30 3		04-Oct-24	0				and Enterprise Management Systems	
S8140	Fabricate and Deliver Process Control Software Programming and Reports	30 30 3	-	04-Oct-24	0				Software Programming and Reports	
S8190	Fabricate and Deliver Computer System Hardware and Ancillaries	30 30 3		04-Oct-24	0			e and Deliver Computer System		
S8240	Fabricate and Deliver Control System Equipment	30 30 3		04-Oct-24	0			e and Deliver Control System I		
S8290	Fabricate and Deliver Process Control Networks	30 30 3		04-Oct-24	0			e and Deliver Process Control		
S8340	Fabricate and Deliver Process Control Panels and Hardware	30 30 3	-	04-Oct-24	0			e and Deliver Process Control		
S8390	Fabricate and Deliver Process Control Software	30 30 3	23-Aug-24	04-Oct-24	0			e and Deliver Process Control	: : : [/ <i>Y/</i> // <i>X/</i> /////	
S8440	Fabricate and Deliver Instrumentation For Process Systems	30 30 3		04-Oct-24	0		fabricat	e and Deliver Instrumentation I	or Process Systems	
Division 41	- Material Processing and Handling Equipment	225 225 22	5 22-May-24	15-Apr-25	160					
S8450	Execute Agreement Shaftless Screw Conveyor	30 30 3	) 22-May-24	03-Jul-24	160			ent Shaftless Screw Conveyor		
S8460	Develop Submittal Shaftless Screw Conveyor	40 40 4	) 05-Jul-24	29-Aug-24	160			ibmittal Shaftless Screw Conve		
S8470	MWH Review and Approve Shaftless Screw Conveyor	5 5 5	30-Aug-24	06-Sep-24	160		MW/H Rev	iew and Approve Shaftless Sci	ew Conveyor	
S8480	Engineer Review and Approve Shaftless Screw Conveyor	20 20 2	09-Sep-24	04-Oct-24	160		Enginee.	r Review and Approve Shaftles	s Screw Conveyor	

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Activity ID	Activity Name	Orig Rer Dur Du	m ACD	Start	Finish	Total Float	2023		024	2025		2026		2027
							FMAMJJulASONDJF	M A M J	Jul A S O N D	J F M A M J Jul A S O	N D J F M A	M J Jul A S O	N D J F M	A M J <sup>Ju</sup>
S8490	Fabricate and Deliver Shaftless Screw Conveyor	130 13	0 130		15-Apr-25	160				Fabricate and De	liver Shaftless So	rew Conveyor		
Division 43	- Process Gas and Liquid Handling, Purification and Storage Equipment	95 98	5 95	22-May-24	04-Oct-24	340								
S8500	Execute Agreement Welded Steel Tanks	30 30	30	22-May-24	03-Jul-24	340		RPR=		ment Welded Steel Tanks				
S8550	Execute Agreement Fiberglass Storage Tanks	30 30	30	22-May-24	03-Jul-24	320		Part =	Execute Agreer	ment Fiberglass Storage Tar	ks			
S8510	Develop Submittal Welded Steel Tanks	10 10	) 10	05-Jul-24	18-Jul-24	340		Time	Pevelor Subn	nittal Welded Steel Tanks				
S8560	Develop Submittal Fiberglass Storage Tanks	10 10	) 10	05-Jul-24	18-Jul-24	320			Develor Subn	nittal Fiberglass Storage Tan	ks			
S8520	MWH Review and Approve Welded Steel Tanks	5 5	5	19-Jul-24	25-Jul-24	340			MWH Review	w and Approve Welded Steel	Tanks			
S8570	MWH Review and Approve Fiberglass Storage Tanks	5 5		19-Jul-24	25-Jul-24	320			1 MWH Review	v and Approve Fiberglass St	orage Tanks			
S8530	Engineer Review and Approve Welded Steel Tanks	20 20		26-Jul-24	22-Aug-24	340				Review and Approve Welded				
S8580	Engineer Review and Approve Fiberglass Storage Tanks	20 20		26-Jul-24	22-Aug-24	320				Review and Approve Fibergla				
S8540	Fabricate and Deliver Welded Steel Tanks	30 30		23-Aug-24	04-Oct-24	340				ate and Deliver Welded Stee				
S8590	Fabricate and Deliver Fiberglass Storage Tanks	30 30		23-Aug-24	04-Oct-24	320			- Fabrica	ate and Deliver Fiberglass S	orage Tanks			
	- Water and Wastewater Equipment		5 225		15-Apr-25	358								
S8600	Execute Agreement Liquid Chemical Feed Equipment			22-May-24 22-May-24	03-Jul-24	320			Execute Agreer	ment Liquid Chemical Feed	-quipment			
				-						ment Polymer Handling, Pre	- 1 1 1 1 1 V /1/	System		
S8650	Execute Agreement Polymer Handling, Preparation, and Feed System	30 30		22-May-24	03-Jul-24	185			V / 1/ / / 1/ / T :	ment Solids System General		JUSTEIN		
S8700	Execute Agreement Solids System General Provisions	30 30		22-May-24	03-Jul-24	488				ment Top Entry Tank Mixers	I TOVISIONS			
S8750	Execute Agreement Top Entry Tank Mixers	30 30		22-May-24	03-Jul-24	225		- 1777	V / / / / / I -: :	ment Screw Press				
S8800	Execute Agreement Screw Press	30 30		22-May-24	03-Jul-24	185		1////		ment Screw Press nittal Liquid Chemical Feed	al inmont			
S8610	Develop Submittal Liquid Chemical Feed Equipment	10 10		05-Jul-24	18-Jul-24	320			1///////		· · · · · · · / / /			
S8660	Develop Submittal Polymer Handling, Preparation, and Feed System	40 40		05-Jul-24	29-Aug-24	185				Submittal Polymer Handling,		-eed System		
S8710	Develop Submittal Solids System General Provisions	10 10		05-Jul-24	18-Jul-24	488			/ / / / / / / / /	nittal Solids System General	/ _/			
S8760	Develop Submittal Top Entry Tank Mixers	40 40	) 40	05-Jul-24	29-Aug-24	225				Submittal Top Entry Tank Mix	ers			
S8810	Develop Submittal Screw Press	40 40	) 40	05-Jul-24	29-Aug-24	185				Submittal Screw Press				
S8620	MWH Review and Approve Liquid Chemical Feed Equipment	5 5	5	19-Jul-24	25-Jul-24	320				w and Approve Liquid Chem		' / / / / / / / / /		
S8720	MWH Review and Approve Solids System General Provisions	5 5	5	19-Jul-24	25-Jul-24	488				v and Approve Solids Syster				
S8630	Engineer Review and Approve Liquid Chemical Feed Equipment	20 20	20	26-Jul-24	22-Aug-24	320				Review and Approve Liquid C		/ 4 / / / / / / / / /		
S8730	Engineer Review and Approve Solids System General Provisions	20 20	20	26-Jul-24	22-Aug-24	488			///////	Review and Approve Solids		///////////		
S8640	Fabricate and Deliver Liquid Chemical Feed Equipment	30 30	30	23-Aug-24	04-Oct-24	320			abrica	ate and Deliver Liquid Chem	cal Feed Equipm	ent/////		
S8740	Fabricate and Deliver Solids System General Provisions	30 30	30	23-Aug-24	04-Oct-24	488			<b>Fabrica</b>	ate and Deliver Solids Syste	m General Provis	ions//////		
S8670	MWH Review and Approve Polymer Handling, Preparation, and Feed System	5 5	5	30-Aug-24	06-Sep-24	185			MW/H Re	eview and Approve Polymer	Handling, Prepará	tion, and Feed	System	
S8770	MWH Review and Approve Top Entry Tank Mixers	5 5	5	30-Aug-24	06-Sep-24	225			MW/H Re	eview and Approve Top Entry	Tank Mixers			
S8820	MWH Review and Approve Screw Press	5 5	5	30-Aug-24	06-Sep-24	185			□ MW/H Re	eview and Approve Screw Pr	ess			
S8680	Engineer Review and Approve Polymer Handling, Preparation, and Feed System	20 20	) 20	09-Sep-24	04-Oct-24	185			<b>H</b> ingine	er Review and Approve Pol	mer Handling, Pr	eparation, and F	eed System	
S8780	Engineer Review and Approve Top Entry Tank Mixers	20 20	) 20	09-Sep-24	04-Oct-24	225			/ ↓ Lengine	er Review and Approve Top	Entry Tank Mixer	\$///////		
S8830	Engineer Review and Approve Screw Press	20 20		09-Sep-24	04-Oct-24	185			₩ LEngine	er Review and Approve Scr	ew Press			
S8690	Fabricate and Deliver Polymer Handling, Preparation, and Feed System	100 10		07-Oct-24	04-Mar-25	185				Fabricate and Delive	Polymer Handlin	g, Preparation,	and Feed Sys	tem
S8790	Fabricate and Deliver Top Entry Tank Mixers	100 10			04-Mar-25	225				Fabricate and Deliver	Top Entry Tank 1	/lixers		
S8840	Fabricate and Deliver Screw Press	130 13			15-Apr-25	185				Fabricate and De		///////////		<b> </b>
Construction		752 75			20-May-27	0		1///						
	Dem obilization		2 752		20-May-27	0								
A1120	Mobilize to Site	30 30		22-May-24	03-Jul-24	95			Mobilize to Site					
A1160	Demob from Site	20 20		22-iviay-24 23-Apr-27	20-May-27	95								Den
	DOLLOW HOLL SITE													- 561
Sitework		311 31		03-Feb-25	28-Apr-26	247								
Ductbanks		167 16		11-Jul-25	12-Mar-26	33							NACL A	
A1740	D/L/B Ductbank F from SWBD-9020 to PMH-1	10 10		11-Jul-25	24-Jul-25	33				· · · · · ////////////////////////////	uctbank F from S	ノソメノソメノソノ		
A3290	Pull Wire Ductbank F from SWBD-9020 to PMH-1	10 10		25-Jul-25	07-Aug-25	180					re Ductbank F fro	<i>バノスノ</i> ソスノソノ		
A7200	D/L/B Ductbank H from CHH-1 & PMH-1 to Treatment Building	5 5	5	25-Jul-25	31-Jul-25	33					ouctbank H from	/ / / / / / / / / /		t Building
A7270	D/L/B Ductbank O from SWBD-9020 to PMH-2	10 10	) 10	01-Aug-25	14-Aug-25	33					Ductbank O from	///////////////////////////////////////		
A7370	Pull Wire Ductbank H from CHH-1 & PMH-1 to Treatment Building	5 5	5	01-Aug-25	07-Aug-25	125					re Ductbank H fr			i i i i
A6190	D/L/B Ductbank N from PJB-1/CJB-1 to PMH-2/CHH-2	5 5	5	15-Aug-25	21-Aug-25	33				· · · <i>Y / · / / · / · / · / · / · / · / · / · </i>	Ductbank N fron			
A7320	D/L/B Unnamed Ductbank from PMH-2 to Light Pole	2 2	2	15-Aug-25	18-Aug-25	171					Unnamed Ducto	,,,,,,,,,	•	: : : :
A7390	Pull Wire Ductbank O from SWBD-9020 to PMH-2	10 10	) 10	15-Aug-25	28-Aug-25	165		1///		///////P/P/uf/	Nire Ductbank O	from SWBD-90	20 to PMH-2	
					<u> </u>									
Data Date:10-Feb-2	Remaining Level of Effort Ortical Remaining Work				Iohn	atown	WTP Expansion Project - 1	IXI						

Data Date:10-Feb-23 Run Date: 06-Mar-24 Project ID: JTWTP-PC Page 25 of 32



Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule

Activity ID	Activity Name	Orig	Rem AC	) Start	Finish	Total Float			2024			2025	2026	2027
		Dur	Dur	15.			F M A M J Jul A S O N D	J F M A	MJJ	ul A S O	N D	J F M A M J Jul A S O N D	J F M A M J Jul A	SONDJFMAM
A7500	Pull Wire Unnamed Ductbank from PMH-2 to Light Pole	2	2 2		20-Aug-25	171		/_/,			<b></b>		· · · / / / / / / / /	m PMH-2 to Light Pole
A7190	D/L/B Ductbank E from SWBD-9030 to DB-L	3	3 3	22-Aug-25	26-Aug-25	33							tbank E from SWBD	
A7380	Pull Wire Ductbank N from PJB-1/CJB-1 to PMH-2/CHH-2	5	5 5	22-Aug-25	28-Aug-25	165		RP	PR///	RPR//				1/CJB-1 to PMH-2/CHH-2
A6210	D/L/B Ductbank L from CHH-2 & PMH-2 to East Zone Vault	8	8 8	27-Aug-25	08-Sep-25	33		. i Pa	irt///	FUN		V / / / / / / / / / / / / / / / / / / /		& PMH-2 to East Zone Va
A7360	Pull Wire Ductbank E from SWBD-9030 to DB-L	3	3 3	J -	29-Aug-25	164		tir	ne//	Time			Ductbank E from SWI	
A6220	Pull Wire Ductbank L from CHH-2 & PMH-2 to East Zone Vault	8	8 8	09-Sep-25	18-Sep-25	151								H-28 PMH-2 to East Zone
A6230	D/L/B Ductbank K from DB-L to V-0602 (LIT-0603)	8	8 8	09-Sep-25	18-Sep-25	33							uctbank K from DB-L	/ / / X ` ` ` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
A6170	D/L/B Ductbank J from MCC-9701/CP-9700 to PMH-2 & CHH-2	10	10 10	19-Sep-25	02-Oct-25	33								-9701/CP-9700 to PMH-2
A6240	Pull Wire Ductbank K from DB-L to V-0602 (LIT-0603)	8	8 8	19-Sep-25	30-Sep-25	143							(///////	B-1_10 V-0602 (LIT-0603)
A6150	D/L/B Ductbank G from DCB CHH-3 to CHH-1	5	5 5	03-Oct-25	09-Oct-25	33							Ductbank G from DC	<b>y</b> /i/}
A6180	Pull Wire Ductbank J from MCC-9701/CP-9700 to PMH-2 & CHH-2	10	10 10	03-Oct-25	16-Oct-25	131							V//////////	MCC-9701/CP-9700 to PM
A1720	D/L/B Ductbank I from CHH-3 to DB-S	5	5 5	10-Oct-25	16-Oct-25	33							Ductbank I from CHI	
A6160	Pull Wire Ductbank G from DCB CHH-3 to CHH-1	5	5 5	10-Oct-25	16-Oct-25	131								DCB CHH-3 to CHH-1
A7230	D/L/B Ductbank M from CHH-3 to CJB-2 at Disinfection Contact Basin (DCB)	1	1 1	10-Oct-25	10-Oct-25	33						///////////////////////////////////////	1/2//////	H-3 to CJB-2 at Disinfectio
A7300	D/L/B Unnamed Ductbank between Light Pole Parallel to DB-I	2	2 2	10-Oct-25	13-Oct-25	132								etween Light Pole Parallel
A6200	Pull Wire Ductbank M from CHH-3 to CJB-2 at Disinfection Contact Basin (DCB)	1	1 1	13-Oct-25	13-Oct-25	134							· · · · [///////////	CHH43 to CJB-2 at Disinfe
A7460	Pull Wire Unnamed Ductbank between Light Pole Parallel to DB-I	2	2 2	14-Oct-25	15-Oct-25	132								nk between Light Pole Para
A3280	Pull Wire Ductbank I from CHH-3 to DB-S	5	5 5	17-Oct-25	23-Oct-25	126						//////////////////////////////////////	Wire Ductbank / from	CHH-B to DB-S
A7220	D/L/B Ductbank S from DB-I to Ballentine Entrance	10	10 10	17-Oct-25	30-Oct-25	33							(//////////////////////////////////////	B-l'to Ballentine Entrance
A7290	D/L/B Unnamed Ductbank from DB-S to Light Pole	2	2 2	17-Oct-25	20-Oct-25	127						//////////////////////////////////////	3 Unnamed Ductbank	from DB-S to Light Pole
A7480	Pull Wire Unnamed Ductbank from DB-S to Light Pole	2	2 2	21-Oct-25	22-Oct-25	127						Pull	Wire Unnamed Ducto	ank from DB-S to Light Pole
A7240	D/L/B Ductbank R from PJB-1/CJB-1 to CHH-4	5	5 5	31-Oct-25	06-Nov-25	33						D/I	/B Ductbank R from F	JB-1/CJB-1 to CHH-4
A7430	Pull Wire Ductbank S from DB-I to Ballentine Entrance	10	10 10		13-Nov-25	111						Pt	ll Wire Ductbank S fro	m DB-I to Ballentine Entrar
A7210	D/L/B Ductbank Q from Light Pole to CHH-4	3	3 3	07-Nov-25	11-Nov-25	33						D/	/B Ductbank Q from I	ight Pole to CHH-4
A7420	Pull Wire Ductbank R from PJB-1/CJB-1 to CHH-4	5	5 5	07-Nov-25	13-Nov-25	111						Pt Pt	ll Wire Ductbank R fro	m PJB-1/CJB-1 to CHH-4
A1320	D/L/B Unnamed Ductbank from Existing Filter Building to AHF-9012 (GEN-9100)	3	3 3	12-Nov-25	14-Nov-25	52						D	JB Unnamed Ductbar	k from Existing Filter Build
A1700	D/L/B Ductbank C from Existing Filter Building to Light Pole	5	5 5	12-Nov-25	18-Nov-25	33						□ D	L/B Ductbank & from	Existing Filter Building to Li
A7410	Pull Wire Ductbank Q from Light Pole to CHH-4	3	3 3	12-Nov-25	14-Nov-25	110								m Light Pole to CHH-4
A7490	Pull Wire Unnamed Ductbank from Existing Filter Building to AHF-9012 (GEN-910	3	3 3	17-Nov-25	19-Nov-25	52						/////////////////////P	all Wire Unnamed Duc	tbank from Existing Filter E
A1750	D/L/B Ductbank B from CHH-1 to Residuals Bulilding	10	10 10		04-Dec-25	33							(///////	CHH-1 to Residuals Bulik
A3250	Pull Wire Ductbank C from Existing Filter Building to Light Pole	5	5 5	19-Nov-25	25-Nov-25	103							<i>V / / / / / / / /</i>	om Existing Filter Building
A6250	Demo Exisiting Ductbank from LIT-5504/LIT-5505 to DAF Building	5	5 5	20-Nov-25	26-Nov-25	52								k from LIT-5504/LIT-5505 t
A3300	Pull Wire Ductbank B from CHH-1 to Residuals Bulilding	10	10 10		18-Dec-25	88							/////////	from CHH-1 to Residuals
A7310	D/L/B Unnamed Ductbank between CHH-4 and DB-B	5	5 5	12-Dec-25	18-Dec-25	33								bank between CHH-4 and
A6260	D/L/B Ductbank A from GST to Residuals Building	5	5 5	19-Dec-25	29-Dec-25	33						///////////////////////////////////////	1/2//////	m G\$T to Residuals Build
A7280	D/L/B Unnamed Ductbank from DB-B to Light Pole	2	2 2	19-Dec-25	29-Dec-25 22-Dec-25	84								bank from DB-B to Light P
A7450	Pull Wire Unnamed Ductbank between CHH-4 and DB-B	5	5 5	19-Dec-25	29-Dec-25	83					<b></b>	///////////////////////////////////////	/ / / / / / / /	Ductbank between CHH-4
A7450 A7470	Pull Wire Unnamed Ductbank from DB-B to Light Pole	2	2 2		29-Dec-25 26-Dec-25	84								Juctbank from DB-B to Lig
A7470 A6270	Pull Wire Ductbank A from GST to Residuals Building	5	5 5	30-Dec-25	26-Dec-25 06-Jan-26	78								Afrom GST to Residuals E
	D/L/B Ductbank T from LIT-5505/LIT-5504 to DAF												'''''	rom LIT-5505/LIT-5504 to [
A7260 A7250		10	10 10		13-Jan-26 28-Jan-26	33								from Residuals Building to
	D/L/B Ductbank P from Residuals Building to DAF	10						//						K T from LIT-5505/LIT-550
A7440 A1710	Pull Wire Ductbank T from LIT-5505/LIT-5504 to DAF	10	10 10		28-Jan-26 19-Feb-26	63 33								D from DAF to Cemetary
	D/L/B Ductbank D from DAF to Cemetary	15	15 15											nk P from Residuals Build
A7400	Pull Wire Ductbank P from Residuals Building to DAF	10	10 10		11-Feb-26	53							1/2//////	tbank D from DAF to Cem
A3260	Pull Wire Ductbank D from DAF to Cemetary	15	15 15		12-Mar-26	33							///////	1/2/1
A6290	Pull Wire Complete	0	0 0		12-Mar-26	33		//			<b></b>		Pull Wire Con	ipieie
Electrical		311		_	28-Apr-26	87							ITIL GOOD VERY AND LOS	0000
A1690	Set Electrical Gear (XFMR-UTIL-9020, XFMR-UTIL-9030) - Electrical Area	3	3 3		05-Feb-25	265						Set Electrical Gear (XFMR-		////
A6280	Set Electrical Gear (MC-9020, MC-9030) - Electrical Area	3	3 3	06-Feb-25	10-Feb-25	265						Set Electrical Gear (MC-90)		/////
A1620	Set Electrical Gear (SWBD-9020) - Electrical Area	5	5 5		24-Feb-26	0								ear (\$WBD-9020) - Electri
A1630	Set Electrical Gear (GEN-9021, GEN-9031) - Electrical Area	5	5 5	25-Feb-26	03-Mar-26	0					<b>.</b>			GEN-9021, GEN-903
A1680	Set Electrical Gear (SWBD-9601) - Disinfection Contact Basin (DCB)	3	3 3	25-Feb-26	27-Feb-26	129			///				Set Electrical C	ear (\$WBD-9601) - Disinf
Data Data:10 Fo	Remaining Level of Effort Citical Remaining Work								-					

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Johnstown WTP Expansion Project - LIVE



Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float		2025 2026 2027
		$\perp$	Dur					F M A M J Jul A S O N D J F M A M J Jul A S	O N D J F M A M J Ju A S O N D J F M A M J Ju A S O N D J F M A M J Ju A S O N D J F M A M J Ju
A4400	Pull Wire - Electrical Area	20	20	20	04-Mar-26	31-Mar-26	0		Pull Wire Electrical Area
A4410	Terminate - Electrical Area	20	20	20	01-Apr-26	28-Apr-26	0		Terminate Electrical Area
Finishes		77	77	77	07-Jul-25	22-Oct-25	374	RPR	
A1330	Finish Grading	10	10	10	07-Jul-25	18-Jul-25	396	Part	Trinish Grading
A1560	Cut Roadways	10	10	10	21-Jul-25	01-Aug-25	401	time	Cut Roadways
A2430	Install Perimeter Fencing & Gate	15	15	15	21-Jul-25	08-Aug-25	396		Install Perimeter Fencing & Gate
A2400	Place Curb and Gutter	10	10	10	04-Aug-25	15-Aug-25	411		Place Curb and Gutter
A2420	Install Irrigation and Landscaping	30	30	30	11-Aug-25	22-Sep-25	396		Install Irrigation and Landscaping
A2410	Asphalt Paving	10	10	10	18-Aug-25	29-Aug-25	411		Asphalt Paving
A2440	Concrete Paving & Sidewalk (Treament & Residual)	15	15	15	25-Sep-25	15-Oct-25	294		Concrete Paving & Sidewalk (Treament & Residual)
A2450	Install Bollards - Treament Building	5	5	5	16-Oct-25	22-Oct-25	294		Install Bollards - Treament Building
2 - Existing	OAF Building	91	91	91	01-Nov-24	18-Mar-25	8		
Demo		55	55	55	01-Nov-24	24-Jan-25	11		
A1810	De-term and Demo Coagulant Feed Pumps and Panels - Existing DAF Building	5	5	5	01-Nov-24	07-Nov-24	51		De-term and Demo Coagulant Feed Pumps and Panels - Existing DAF Building
A1820	De-term and Demo Sodium Hypochlorite System - Existing DAF Building	10	10	10	01-Nov-24	14-Nov-24	26		De-term and Demo Sodium Hypochlorite System / Existing DAF Building
A1920	Existing Conditions Assessment - Existing DAF Building	40	40	40	01-Nov-24	02-Jan-25	11		Existing Conditions Assessment - Existing DAF Building
A1800	Demo Existing Injection Valves - Existing DAF Building	5	5	5	08-Nov-24	14-Nov-24	51		Demo Existing Injection Valves - Existing DAF Building
A1840	Demo Existing Wall and Pad Sodium Hypochlorite Area - Existing DAF Building	10	10	10	15-Nov-24	02-Dec-24	26		□ Demo Existing Wall and Pad Sodium Hypochlorite Area - Existing DAF Building
A1830	Demo Sodium Hypochlorite Feed Pumps, Tanks, & Piping - Existing DAF Building	10	10	10	03-Dec-24	16-Dec-24	26		Demo Sodjum Hypochlorite Feed Pumps Tanks & Piping Existing DAF Building
A1790	Demo Existing Spray Nozzles and Injection Nozzles - Existing DAF Building	15	15	15	03-Jan-25	24-Jan-25	11		☐ Demo Existing Spray Nozzles and Injection Nozzles - Existing DAF Building
Concrete/S	, , ,	47	47	47	01-Nov-24	13-Jan-25	52		
A9310	Surface Prep DAF Basin 1 Walls - Existing DAF Building	5	5	5	01-Nov-24	07-Nov-24	49		Surface Prep DAF Basin 1 Walls - Existing DAF Building
A9290	Apply Mortar Coatings to DAF Basin 1 Walls - Existing DAF Building	10		10	08-Nov-24	21-Nov-24	49		Apply Mortar Coatings to DAF Basin 1 Walls - Existing DAF Building
		10	10	7		21-Nov-24 28-Nov-24	77		Cure Coating DAF Basin 1 Walls - Existing DAF Building
A9330	Cure Coating DAF Basin 1 Walls - Existing DAF Building	<i>I</i>	7	<i>I</i>	22-Nov-24				Surface Prep DAF Basin 2 Walls - Existing DAF Building
A9320	Surface Prep DAF Basin 2 Walls - Existing DAF Building	5	5	5	02-Dec-24	06-Dec-24	50		Apply Mortar Coatings to DAF Basin 2 Walls - Existing DAF Building
A9300	Apply Mortar Coatings to DAF Basin 2 Walls - Existing DAF Building	10	10	10	09-Dec-24	20-Dec-24	50		© Cure Coating DAF Basin 2 Walls - Existing DAF Building
A9340	Cure Coating DAF Basin 2 Walls - Existing DAF Building	- /	- /	7	21-Dec-24	27-Dec-24	79		FRP Short Walls in DAF Basins - Existing DAF Building
A9350	FRP Short Walls in DAF Basins - Existing DAF Building	5	5	5	30-Dec-24	06-Jan-25	52		Repair Existing Floor - Existing DAF Building
A9280	Repair Existing Floor - Existing DAF Building	5	5	5	07-Jan-25	13-Jan-25	52		" Repail Existing Floor - Existing DAF building
Process		50	50	50	15-Nov-24	31-Jan-25	11		
A4990	Install New Acuated Injection Valves (8qty) - Existing DAF Building	5	5	5	15-Nov-24	21-Nov-24	51		Install New Acuated Injection Valves (8qty) - Existing DAF Building
A3630	Install Rapid Mix Sample Pump Analyzer Panel - Existing DAF Building	5	5	5	22-Nov-24	02-Dec-24	51		☐ Install Rapid Mix Sample Pump Analyzer Panel - Existing DAF Building
A4940	Install 1/2" Sodium Permanganate Line - Existing DAF Building	5	5	5	17-Dec-24	23-Dec-24	26		Install 1/2 Sodium Permanganate Line - Existing DAF Building
A3550	Install Sodium Permanganate System - Existing DAF Building	10	10	10	26-Dec-24	09-Jan-25	26		□ Install Sodium Permangahate System - Existing DAF Building
A4930	Install 1/2" Aluminum Sulfate Line - Exisitng DAF Building	5	5	5	26-Dec-24	02-Jan-25	26		Install 1/2" Aluminum Sulfate Line - Existing DAF Building
A4420	Install Aluminum Sulfate Pumps (2qty) - Exisiting DAF Building	5	5	5	03-Jan-25	09-Jan-25	26		Install Aluminum Sulfate Pumps (2qty) Existing DAF Building
A5000	Install New Spray Nozzles and Injection Nozzles (10qty) - Exisiting DAF Building	5	5	5	27-Jan-25	31-Jan-25	11		Install New Spray Nozzles and Injection Nozzles (10qty) Exisiting DAF Building
A6300	Mechanically Complete - Existing DAF Building	0	0	0		31-Jan-25	11		Mechanically Complete - Existing DAF Building
Architectur	al Company of the Com	15	15	15	27-Jan-25	14-Feb-25	29		
A9180	Install New Fire Protection Accessories - Existing DAF Building	5	5	5	27-Jan-25	31-Jan-25	29		Install New Fire Protection Accessories - Existing DAF Building
A9190	Install New Cooling Units (FCU/CU)- Existing DAF Buliding	5	5	5	03-Feb-25	07-Feb-25	29		Install New Cooling Units (FCU/CU) Existing DAF Building
A9230	Furnish Work Station - Existing DAF Building	5	5	5	10-Feb-25	14-Feb-25	29		□ Furnish Work Station   Existing DAT Building
Electrical &	Instrumentation	91	91	91	01-Nov-24	18-Mar-25	-20		
A9200	Demo Electrical - Exisiting DAF Building	10	10	10	01-Nov-24	14-Nov-24	1		Demo Electrical - Existing DAF Building
A9210	Rough-in Conduit - Exisiting DAF Building	20	20	20	18-Dec-24	17-Jan-25	-20		Rough-in Conduit - Existing DAF Building
A9250	Install New Equipment in Electrical Room - Existing DAF Building	10	10	10	21-Jan-25	03-Feb-25	-20		☐ Install New Equipment in Electrical Room - Existing DAF Building
A9240	Pull/ Term New Equipment in Electrical Room - Exisiting DAF Building	10	10	10	04-Feb-25	18-Feb-25	-20		□ Pull/Term New Equipment in Electrical Room - Existing DAF Building
A9270	Install Instruments - Existing DAF Building	10	10	10	19-Feb-25	04-Mar-25	-20		□ Install Instruments Existing DAF Building
A9260	Pull/ Term Instruments - Existing DAF Building		10		05-Mar-25	18-Mar-25	-20		Pull/Term Instruments - Existing DAF Building
A9220	Electrically Complete - Existing DAF Building	0	0	0		18-Mar-25	-20		Electrically Complete - Existing DAF Building
4 - Treatmen			226		24-Mar-25	13-Feb-26	218		
Concrete/S	•		80			30-Oct-25	283		
Jones etelo			33	33	10 041 20	00 001 20			
Data Date: 10-Feb-	Remaining Level of Effort Critical Remaining Work					T 1	4	WTD Empersion Dustant LIVE	

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Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule

Activity ID	Activity Name	Orig Rem A	CD Start	Finish	Total Float		20	024	2025 2026 2027
40500	For 4 Forting OMILIMATE. To a to a 4 D. 21 for a		15 40 1.1 05	00 1.1 05	50	F M A M J Jul A S O N D J F N	M A M J	Jul A S O	NDJFMAMJJulASONDJFMAMJJulASONDJFMAMJJ
A2560	Erect Exterior CMU Walls - Treatment Building		15 10-Jul-25	30-Jul-25	56				Install Structural Steel Beams and Columns Area C&D - Treatr
A2570	Install Structural Steel Beams and Columns Area C&D - Treatment Building		10 31-Jul-25	13-Aug-25	66				Frect Primary Steel PEMB - Treatment Building
A2620	Erect Primary Steel PEMB - Treatment Building		15 31-Jul-25	20-Aug-25	86		RPR/	RPR	Erect Interior Structural CMU Walls - Treatment Building
A8300	Erect Interior Structural CMU Walls - Treatment Building		15 31-Jul-25	20-Aug-25	96		Part/	/Full//	□ Install Joists Area C&D Treatment Building
A3340	Install Joists Area C&D - Treatment Building		10 14-Aug-25	27-Aug-25	76		Time/	/Time/	Erect Secondary Steel PEMB - Treatment Building
A2630	Erect Secondary Steel PEMB - Treatment Building		15 21-Aug-25	11-Sep-25	86				Erect Interior Non-Structural CMU Walls - Treatment Building
A8310	Erect Interior Non-Structural CMU Walls - Treatment Building		15 21-Aug-25	11-Sep-25	96				Install Metal Ledger Angle and Misq. Metals Area C&D - Tr
A8330	Install Metal Ledger Angle and Misc. Metals Area C&D - Treatmnet Building		20 28-Aug-25	25-Sep-25	76				Erect Trim Steel PEMB - Treatment Building
A2640	Erect Trim Steel PEMB - Treatment Building		15 12-Sep-25	02-Oct-25	86				Install Metal Decking Area C&D - Treatment Building
A8320	Install Metal Decking Area C&D - Treatment Building		10 26-Sep-25	09-Oct-25	76				Install Sheeting PEMB - Treatment Building
A2650	Install Sheeting PEMB - Treatment Building		03-Oct-25	23-Oct-25	86				Install PEMB Roof - Treatment Building
A4780	Install PEMB Roof - Treatment Building		5 24-Oct-25	30-Oct-25	283				Install F Livib 14001 9 in eathers building
Process			60 04-Jun-25	23-Jan-26	233				The state of the s
A2610	Install GAC Vessels (12ea.) - Treatment Building		15 04-Jun-25	24-Jun-25	86				Install GAC Vessels (12ea) - Treatment Building
A2590	Install Strainers (4ea.) - Treatment Building		5 25-Jun-25	01-Jul-25	86				Install Strainers (4ea.) - Treatment Building
A2550	Install Membrane Skids (12ea.) - Treatment Building		20 02-Jul-25	30-Jul-25	86				Install Membrane Skids (12ea.) - Treatment Building
A4430	Install Vertical Turbine Pumps - Treatment Building		10 01-Aug-25	14-Aug-25	120				Instal Vertical Turbine Pumps - Treatment Building
A6480	Install Vertical Turbine Pumps Piping, Valves, and Supports - Treatment Building		10 15-Aug-25	28-Aug-25	171				Install Vertical Turbine Pumps Piping, Valves, and Supports
A2600	Install Membrance CIP Equipment - Treatment Building		20 26-Sep-25	23-Oct-25	132				Install Membrance CIP Equipment - Treatment Building
A3310	Install Membrane Ancillary Equipment - Treatment Building		20 26-Sep-25	23-Oct-25	56				Install Membrane Ancillary Equipment - Treatment Buildi
A3460	Install Caustic Soda Equipment - Treatment Building		20 26-Sep-25	23-Oct-25	96				Install Caustic Soda Equipment Treatment Building
A3470	Install Sodium Hypochlorite Equipment - Treatment Building		20 24-Oct-25	20-Nov-25	96				Install Sodium Hypochlorite Equipment - Treatment B
A3480	Install Citric Acid Equipment - Treatment Building		20 24-Oct-25	20-Nov-25	56				Install Citric Acid Equipment - Treatment Building
A3510	Install GAC Piping, Valves, and Supports - Treatment Building		25 24-Oct-25	01-Dec-25	91				Install GAC Piping, Valves, and Supports - Treatmer
A3520	Install Memebrane/Strainer Piping, Valves, and Supports - Treatment Building		30 24-Oct-25	08-Dec-25	86				Install Memebrane/Strainer Piping, Valves, and Sup
A3490	Install Sulphuric Acid Equipment - Treatment Building		20 21-Nov-25	22-Dec-25	56				Install Sulphuric Acid Equipment - Treatment Buildi
A4850	Label Pipe/ Touch up - Treatment Building		20 09-Dec-25	08-Jan-26	243				Label Pipe/ Touch up - Treatment Building
A3500	Install Sodium Bisulfite Equipment - Treatment Building		20 23-Dec-25	23-Jan-26	56				Install Sodium Bisulffile Equipment - Treatment l
A6310	Mechanically Complete - Treatment Building	0 0	0	23-Jan-26	72				Mechanically Complete Treatment Building
Architectura		201 201 2	01 24-Mar-25	09-Jan-26	243				
A7600	Install Access Hatches - Treatment Building	5 5	5 24-Mar-25	28-Mar-25	439				Install Access Hatches - Treatment Building
A3800	Install Temporary Climate Control System - Treatment Building	10 10 1	10 31-Jul-25	13-Aug-25	56				Instal Temporary Climate Control System - Treatment Building
A4830	Install Overhead Coiling Door - Treatment Building	5 5	5 31-Jul-25	06-Aug-25	348				1 Install Overhead Colling Door - Treatment Building
A4810	Install Firestopping - Treatment Building	5 5	5 26-Sep-25	02-Oct-25	308				Install Firestopping - Treatment Building
A3600	Install Final Finishes in Admin Area - Treatment Building	30 30 3	30 17-Oct-25	01-Dec-25	268				Install Final Final Finashes in Admin Area - Treatment Build
A4860	Install Lightning Protection - Treament Building	5 5	5 17-Oct-25	23-Oct-25	283				Install Lightning Protection Treament Building
A4820	Install Metal Roof Cap & Down Spouts - Treatment Building		10 24-Oct-25	06-Nov-25	283				nstall Metal Roof Cap & Down Spouts - Treatment Bui
A4840	Install Windows - Treatment Building	10 10	10 24-Oct-25	06-Nov-25	283				□ Install Windows - Treatment Building
A7620	Install Door Frames - Treatment Building	5 5	5 24-Oct-25	30-Oct-25	283				Install Door Frames Treatment Building
A7680	Install Louvers - Treatment Building	5 5	5 24-Oct-25	30-Oct-25	288				Install Louvers Treatment Building
A4800	Install Roof Hatches - Treatment Building	5 5	5 31-Oct-25	06-Nov-25	283				Install Roof Hatches Treatment Building
A7630	Install Doors and Hardware - Treatment Building	5 5	5 31-Oct-25	06-Nov-25	283				Install Doors and Hardware Treatment Building
A3750	Interior Finishes Complete - Treatment Building	0 0	0 09-Jan-26	09-Jan-26	243				Interior Finishes Complete - Treatment Building
Area C & D		95 95 9	95 14-Aug-25	31-Dec-25	248				
A3790	Install Chemical Resistant Coatings - Treatment Building	30 30 3	30 14-Aug-25	25-Sep-25	56				Install Chemical Resistant Coatings - Treatment Building
A3390	Install Rough Fire Protection in Chemical Areas - Treatment Building	15 15 <i>1</i>	15 28-Aug-25	18-Sep-25	318				Install Rough Fire Protection in Chemical Areas - Treatmen
A4770	Install Membrane Roof System - Treatment Building	5 5	5 10-Oct-25	16-Oct-25	76				Install Membrane Roof System - Treatment Building
Area D		95 95 9	95 14-Aug-25	31-Dec-25	248				
A3350	Install Steel Stud Framing in - Treatment Building Area D	10 10	10 14-Aug-25	27-Aug-25	66				☐ Install Steel Stud Framing in - Treatment Building Area D
A3380	Install Rough HVAC - Treatment Building Area D	5 5	5 14-Aug-25	20-Aug-25	338				Install Rough HVAC - Treatment Building Area D
A3370	Install Rough Plumbing - Treatment Building Area D	5 5	5 28-Aug-25	04-Sep-25	66				Install Rough Plumbing Treatment Building Area D
A4720	Install Ceiling Track from Divider Wall - Treatment Building Area D	5 5	5 28-Aug-25	04-Sep-25	86				1 Install Ceiling Track from Divider Wall - Treatment Building A
Data Data: 10 Fab 2	Remaining Level of Effort Otical Remaining Work		, <u>-</u>						

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Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule

Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float	2023		2024	2025	2026	2027
			Dur					F M A M J Jul A S O N D	J F M A M	J Jul A S		N D J F M A M J Ju A S O N D J F	
A3360	Install Rough Electrical - Treatment Building Area D	10	10	10	05-Sep-25	18-Sep-25	66					tall Rough Electrical Treatment Building Ar	
A3410	Install Door Frames - Treatment Building Area D	5	5	5	05-Sep-25	11-Sep-25	91					all Door Frames - Treatment Building Area [	
A7330	Install Rough Fire Alarm System - Treatment Building Area D	10	10	10	19-Sep-25	02-Oct-25	66		RPR	//RPR/	<u> </u>	stall Rough Fire Alarm System Treatment	•
A3400	Hang Sheetrock Tape and Texture - Treatment Building Area D	10	10	10	03-Oct-25	16-Oct-25	66		Part	/Full/		Hang Sheetrock Tape and Texture - Treatme	
A3450	Install Doors and Hardware - Treatment Building Area D	5	5	5	17-Oct-25	23-Oct-25	66		Time	Time		Install Doors and Hardware - Treatment Bui	
A3580	Install Storefront Doors/Vesibule - Treatment Building Area D	3	3	3	17-Oct-25	21-Oct-25	295					Install Storefront Doors/Vesibule - Treatmen	nt Building Are
A3560	Paint - Treatment Building Area D	5	5	5	24-Oct-25	30-Oct-25	66					Paint - Treatment Building Area D	
A3620	Install Gypsum Board Ceiling - Treatment Building Area D	5	5	5	31-Oct-25	06-Nov-25	248					Install Gypsum Board Ceiling - Treatment	Building Area
A4730	Install Signs - Treatment Building Area D	5	5	5	31-Oct-25	06-Nov-25	283					Install Signs - Treatment Building Area D	
A3610	Install Acoustic Celing Tiles - Treatment Building Area D	5	5	5	07-Nov-25	13-Nov-25	248					Install Acoustic Celling Tiles - Treatment E	· · · · ·
A4660	Installl Ceramic Tile (CTF-1) - Treatment Building Area D	5	5	5	07-Nov-25	13-Nov-25	253					Install Ceramic Tile (CTF-1) - Treatment	Building Area
A3940	Install Lights - Treatment Building Area D	5	5	5	14-Nov-25	20-Nov-25	273					Install Lights - Treatment Building Area D	
A4510	Install Fire Alarm Accessories - Treatment Building Area D	5	5	5	14-Nov-25	20-Nov-25	248					Install Fire Alarm Accessories - Treatment	Y .
A4680	Install Ceramic Wall Tile - Treatment Building Area D	5	5	5	14-Nov-25	20-Nov-25	268					Install Ceramic Wall Tile - Treatment Buil	ilding Area D
A4500	Install Plumbing Accessories - Treatment Building Area D	5	5	5	21-Nov-25	01-Dec-25	268					<ul> <li>Install Plumbing Accessories - Treatment</li> </ul>	· · · · ·
A4520	Install Lab Cabinetry - Treatment Building Area D	5	5	5	21-Nov-25	01-Dec-25	258					☐ Install Lab Cabinetry - Treatment Buildin	ng Area D
A4530	Install Luxury Vinyl Tile (LVT-1) - Treatment Building Area D	5	5	5	21-Nov-25	01-Dec-25	248					□ Install Luxury Vinyl Tile (12/7-1) - Treatm	nent Building A
A4540	Install Carpet Tile (CT-1) - Treatment Building Area D	5	5	5	02-Dec-25	08-Dec-25	248					Install Carpet Tile (CT-1) - Treatment B	
A7340	Install Break Room Cabinetry - Treatment Building Area D	5	5	5	02-Dec-25	08-Dec-25	258					Install Break Room Cabinetry - Treatmo	1 1 7 1 1
A4740	Install Metal Lockers - Treatment Building Area D	0	0	0	02-Dec-25	02-Dec-25	268					Install Metal Lockers - Treatment Buildir	ing Area D
A7550	Install Lab Fume Hood - Treatment Building Area D	5	5	5	02-Dec-25	08-Dec-25	263					□ Install Lab Fume Hood - Treatment Buil	ilding Area D
A7350	Install Control Room Cabinetry - Treatment Building Area D	5	5	5	09-Dec-25	15-Dec-25	258					Install Control Room Cabinetry - Treatr	tment Building
A4650	Install Resilient Tile (RT-1) - Treatment Building Area D	5	5	5	09-Dec-25	15-Dec-25	248					□ Install Resilient Tile (RT-1) - Treatment	~
A4670	Install Office Accessories - Treatment Building Area D	5	5	5	16-Dec-25	22-Dec-25	248					Install Office Accessories Treatment	•
A4690	Install Resilient Base - Treatment Building Area D	5	5	5	16-Dec-25	22-Dec-25	253					□ Install Resilient Base - Treatment Build	• • • • • • • • • • • • • • • • • • •
A4700	Install Divider Wall - Treatment Building Area D	5	5	5	23-Dec-25	31-Dec-25	248					☐ Install Divider Wall - Treatment Build	- 1 T - 1 - 1
	nstrumentation	155	155	155	02-Jul-25	13-Feb-26	57						
A3810	Install Conduits, Pull Wire & Terminate Strainers - Treatment Building	100	10	10	02-Jul-25	16-Jul-25	202				D tostall C	onduits, Pull Wire & Terminate Strainers - Tro	reatment Build
A3810 A3820	Install Conduits, Pull Wire & Terminate Strainers - Treatment Building	15	15	15	31-Jul-25	20-Aug-25	177					Conduits, Pull Wire & Terminate Membrane	
A3850	Install Conduits, Pull Wire & Terminate Membrane - Treatment Building	15	15	15	24-Oct-25	13-Nov-25	117					□ Install Conduits, Pull Wire & Terminate Ca	
A3530	Install Electrical Gear - Treatment Building	15	15	15	31-Oct-25	20-Nov-25	66					□ Install Electrical Gear - Treatment Buildin	
A3540	Install Electrical Geal - Treatment Building  Install Electrical Field Devices - Treatment Building	30	30	30	21-Nov-25	08-Jan-26	66					Install Electrical Field Devices - Trea	7
	· ·	30 4E										☐ Install Conduits, Pull Wire & Terminate	
A3840	Install Conduits, Pull Wire & Terminate Citric Acid - Treatment Building	15	15	15	21-Nov-25	15-Dec-25	97					☐ Install Conduits, Pull Wire & Terminate	
A3870	Install Conduits, Pull Wire & Terminate Sodium Hypochlorite - Treatment Building	15	15	15	21-Nov-25	15-Dec-25	97					□ Install Conduits, Pull Wire & Termina	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
A3860	Install Conduits, Pull Wire & Terminate Sulphuric Acid - Treatment Building	15	15	15	23-Dec-25	15-Jan-26	77					Install Conduits, Pull Wire & Term	
A3570	Install Conduits, Pull Wire & Terminate GAC Vessels - Treatment Building	10	10	10	26-Jan-26	06-Feb-26	56						
A3880	Install Conduits, Pull Wire & Terminate Sodium Bisulfite - Treatment Building	15	15	15	26-Jan-26	13-Feb-26	57					□ Install Conduits, Pull Wire & Term	
A6320	Electrically Complete - Treatment Building	0	0	0	40 1 104	13-Feb-26	57					\$ Electrically Complete Treatment	ir paliaing
	on Contact Basin (DCB)	300			19-Jul-24	26-Sep-25	312						
Concrete/Str		30	30	30	29-May-25	10-Jul-25	145						-,,
A2920	Erect Primary Steel PEMB - Disinfection Contact Basin (DCB)	5	5	5	29-May-25	04-Jun-25	145					y Steel PEMB - Disinfection Contact Basin	
A3120	Erect Secondary Steel PEMB - Disinfection Contact Basin (DCB)	5	5	5	05-Jun-25	11-Jun-25	145					ndary Steel PEMB - Disinfection Contact Ba	
A3130	Erect Trim Steel PEMB - Disinfection Contact Basin (DCB)	5	5	5	19-Jun-25	25-Jun-25	145					Steel PEMB - Disinfection Contact Basin (D	
A6400	Install Sheeting PEMB - Disinfection Contact Basin (DCB)	5	5	5	26-Jun-25	02-Jul-25	145					eeting PEMB   Disinfection Contact Basin (D	
A3140	Install PEMB Roof - Disinfection Contact Basin (DCB)	5	5	5	03-Jul-25	10-Jul-25	145				□ Install PE	MB Roof - Disinfection Contact Basin (DCE	B)
Process		26	26	26	03-Jul-25	08-Aug-25	268						
A2820	Install UF Feed Piping, Valves, and Supports - Disinfection Contact Basin (DCB)	10	10	10	03-Jul-25	17-Jul-25	155					Feed Piping Valves, and Supports - Disinf	nfection Contac
A3210	Install Sample Pumps (2ea.) - Disinfection Contact Basin (DCB)	3	3	3	03-Jul-25	08-Jul-25	147				I Install Sa	mple Pumps (2ea.) - Disinfection Contact Ba	Зasin (DCB)
A3220	Install Small Bore Piping - Disinfection Contact Basin (DCB)	15	15	15	09-Jul-25	29-Jul-25	147					Small Bore Piping - Disinfection Contact Bas	
A2800	Install Vertical Turbine Pumps & Jockey (FW) - Disinfection Contact Basin (DCB)	6	6	6	01-Aug-25	08-Aug-25	268					Vertical Turbine Pumps & Jockey (FW) - Dis	1 2 1 2 1
A6340	Mechanically Complete - Disinfection Contact Basin (DCB)	0	0	0	_ · · · · · · · · · · · · · · · · · · ·	08-Aug-25	268				Carle and a second and a feet of the feet	inically Complete Disinfection Contact Bas	
Architectura	, ,		260		19-Jul-24	01-Aug-25	352						
III III III III III III III III III II													
												T	

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Johnstown WTP Expansion Project - LIVE
JTWTP - Full Schedule



Activity ID	Activity Name	Orig Dur	Rem	ACD	Start	Finish	Total Float		2023				124	2025		2026	2027
:			Dur				_	F M A	M J Jul A	SOND	J F M	I A M J	Jul A S O	N D J F M A M J Jul A S O I	D J F M A	M J Jul A S O N	I D J F M A M J Ju
A7710	Install in Slab Plumbing - Disinfection Contact Basin (DCB)	5	5	5	19-Jul-24	25-Jul-24	42						/ / / / / / / /	n Slab Plumbing - Disinfection Cont		7 / / / / / / / / /	
A7720	Install Plumbing Accessories - Disinfection Contact Basin (DCB)	5	5	5	23-Aug-24	29-Aug-24	582						/ Inst	all Plumbing Accessories - Disinfec			
A3910	Install Dampproofing - Disinfection Contact Basin (DCB)	15	15	15	08-Oct-24	28-Oct-24	167					RPR//	/RPR/	Install Dampproofing - Disinfection		77777777	
A3200	Painting - Disinfection Contact Basin (DCB)	15	15	15	03-Jul-25	24-Jul-25	170					Part//	/Full/			ontact Basin (DCB	
A7640	Install Door Frames - Disinfection Contact Basin (DCB)	5	5	5	03-Jul-25	10-Jul-25	362					time/	/time/		/ /	nfection Contact B	
A7520	Install Access Hatches - Disinfection Contact Basin (DCB)	5	5	5	11-Jul-25	17-Jul-25	352							///////////////////////////////////////	/ _/	Disinfection Conta	
A7650	Install Doors and Hardware - Disinfection Contact Basin (DCB)	5	5	5	11-Jul-25	17-Jul-25	362							I Install Do	ors and Hardwa	re Disinfection C	ontact Basin (DCB)
A7690	Install Lightning Protection - Disinfection Contact Basin (DCB)	5	5	5	11-Jul-25	17-Jul-25	357							<sup>1</sup> Install Lig	htning Protection	1 - Disinfection Co	ntact Basin (DCB)
A4880	Install HVAC Equipment - Disinfection Contact Basin (DCB)	5	5	5	11-Jul-25	17-Jul-25	362							/ Install HV	AC Equipment -	Disinfection Cont	act Basin (DCB)
A7580	Install Down Spouts - Disinfection Contact Basin (DCB)	10	10	10	18-Jul-25	31-Jul-25	352							□ Install D	own Spouts   Di	sinfection Contact	Basin (DCB)
A9170	Interior Finishes Complete - Disinfection Contact Basin (DCB)	0	0	0	01-Aug-25	01-Aug-25	352							Interior F	inishes Comple	te - Disinfection C	ontact Basin (DCB)
	Instrumentation	55	55	55	11-Jul-25	26-Sep-25	234										
A3160	Install Electrical Field Devices - Disinfection Contact Basin (DCB)	15	15	15	11-Jul-25	31-Jul-25	145							Install E	ectrical Field De	evices - Disinfectio	n Contact Basin (DCE
A3170	Install Conduits - Disinfection Contact Basin (DCB)	20	20	20	01-Aug-25	28-Aug-25	145		//////							nfection Contact B	
	Install Light Fixtures - Disinfection Contact Basin (DCB)															Disinfection Contac	
A3190	· '	10	10	10	01-Aug-25	14-Aug-25	155							1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- 1 1 / /		Contact Basin (DCB)
A3180	Pull Wire & Terminate - Disinfection Contact Basin (DCB)	20	20	20	29-Aug-25	26-Sep-25	145	- //								/////////	
A6330	Electrically Complete - Disinfection Contact Basin (DCB)	0	0	0	05.11	26-Sep-25	234			///				<b>///////</b>	curcally Comple	Re-Disinfection C	ontact Basin (DCB)
8 - Drain Pur	•	114	114	114	05-Nov-24	22-Apr-25	353										
Concrete/St	ructural	10	10	10	21-Jan-25	03-Feb-25	255										
A8880	Install Grout Topping - Drain Pump Station	3	3	3	21-Jan-25	23-Jan-25	262							Install Grout Topping + Dra			
A8860	Install Precast Process Waste Valve Vault - Drain Pump Station	5	5	5	28-Jan-25	03-Feb-25	108							□ Install Precast Process \	Vaste Valve Vac	ilt - Drain Pump S	ation
A8870	Install Precast Backwash Recycle Valve Vault - Drain Pump Station	5	5	5	28-Jan-25	03-Feb-25	108							Install Precast Backwas	n Recycle Valve	Vault-Drain Pum	p Station
Process		47	47	47	24-Jan-25	01-Apr-25	368										
A3890	Install Backwash Water Recycle Pumps (3ea.) - Drain Pump Station	5	5	5	24-Jan-25	30-Jan-25	262							□ Install Backwash Water I	Recycle Pumps	(3ea.) - Drain Pun	np Station
A4320	Install Backwash Water Recycle Discharge Piping, Valves, and Supports - Drain F	15	15	15	31-Jan-25	21-Feb-25	262							□ Install Backwash Wate	r Recycle Disch	arge Piping, Valve	s, and Supports - Drai
A2730	Install Process Drain Pumps (2ea.) - Drain Pump Station	5	5	5	05-Mar-25	11-Mar-25	255							□ Install Process Drain		/ / / / / / / / / / / /	
A2740	Install Process Discharge Piping, Valves, and Supports - Drain Pump Station	15	15	15	12-Mar-25	01-Apr-25	255							Install Process Disc		///////////	
A6350	Mechanically Complete - Drain Pump Station	0	0	0	12-1VIAI-25	01-Apr-25	368							Mechanically Comp	7//	///////////	
Architectura	·	104		104	05-Nov-24	08-Apr-25	260		//////				[]][]]				
	·	104												Install Access Hatches - Drain F	ump Station		
A7540	Install Access Hatches - Drain Pump Station	5	5	5	05-Nov-24	11-Nov-24	34							Process Pipe Pain		12thian 1	
A2870	Process Pipe Painting - Drain Pump Station	5	5	5	02-Apr-25	08-Apr-25	260							P Flocess Fiber Fall I	urig - Dialii Furi	D'Station /	
	Instrumentation	15	15	15	02-Apr-25	22-Apr-25	353										
A2750	Install Electrical Field Devices - Drain Pump Station	5	5	5	02-Apr-25	08-Apr-25	255							nstall Electrical fie		///////////	
A2760	Install Conduits - Drain Pump Station	5	5	5	09-Apr-25	15-Apr-25	255							I Install Conduits I	1 1 1 1 1 1/4	11/1/1/1/1/1	
A2770	Pull Wire & Terminate - Drain Pump Station	5	5	5	16-Apr-25	22-Apr-25	255							1 Pull Wire & Termi	· · · · · · / //	777777777	
A6360	Electrically Complete - Drain Pump Station	0	0	0		22-Apr-25	353							Electrically Comp	lete - Drain Pur	p Station	
9 - Residuals	Building	247	247	247	28-Mar-25	23-Mar-26	203			///							
Concrete/St	ructural	25	25	25	20-Aug-25	24-Sep-25	294			///							
A2070	Erect Primary Steel PEMB - Residuals Building	5	5	5	20-Aug-25	26-Aug-25	27		[]]]]]			1////		Eredt	Primary Steel P	EMB - Residuals I	Building
A2090	Erect Secondary Steel PEMB - Residuals Building	5	5	5	27-Aug-25	03-Sep-25	27		/////					///////////////////////////////////////		el PEMB - Residua	
A2100	Erect Trim Steel PEMB - Residuals Building	5	5	5	04-Sep-25	10-Sep-25	27								/ ./	MB - Résiduals Bu	
A2110	Install Sheeting PEMB - Residuals Building	5	5	5	11-Sep-25	17-Sep-25	27									MB - Residuals Bu	
A2110 A2390	Install PEMB Roof - Residuals Building	5	5	5	18-Sep-25	24-Sep-25	294		7/////	///						- Residuals Buildir	
	III DIGII I LIVID I 1001 - I 100100000 DUIIUII IY	70	_	70	13-Aug-25	19-Nov-25	205		//////								·
Process	Install Tan Cutus Tank Miyers (4) Desiduals Duild's	70	70		*			<b> </b>   //	//////						Ton Entry Tank	Mixers (1ea.) - Res	eiduale Ruilding
A2130	Install Top Entry Tank Mixers (1ea.) - Residuals Building	5	5	5	13-Aug-25	19-Aug-25	112								/ /:	//////////	ewatering Feed) (2ea.)
A2160	Install Progressive Cavity Pumps (Dewatering Feed) (2ea.) - Residuals Building	5	5	5	18-Sep-25	24-Sep-25	27		/////							///////////////////////////////////////	
A2180	Install Residuals Conveyor System - Residuals Building	25	25	25	18-Sep-25	22-Oct-25	52							* / / / / / / / / / / /		///////////	r - Residuals Building
A2150	Install Polymer Feed Skids (2ea.) - Residuals Building	5	5	5	25-Sep-25	01-Oct-25	42			///						ed Skids (2ea.) - R	
A2230	Install Dewatering Feed Piping, Valves, and Supports - Residuals Building	20	20	20	25-Sep-25	22-Oct-25	27		//////							777777	ves, and Supports - R
A2170	Install Dewatering Screw Press - Residuals Building	15	15	15	23-Oct-25	12-Nov-25	52		//////					[		///////////	Residuals Building
A2240	Install Small Bore Piping, Valves, and Supports - Residuals Building	20	20	20	23-Oct-25	19-Nov-25	27								/ /	7777777	, and Supports - Resid
A6370	Mechanically Complete - Residuals Building	0	0	0		19-Nov-25	205								Mechanically (	Complete - Residu	als Building
Data Data 10 E-1	Remaining Level of Effort Critical Remaining Work							******				***					
Data Date:10-Feb-	2.3 Annual reliability work					Joh	nstow	n WTP	Expans	ion Proje	ect - L	AVE			· Λ		

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Johnstown WTP Expansion Project - LIVE JTWTP - Full Schedule



ctivity ID	Activity Name	Orig F Dur I	Rem AC	CD Start	Finish	Total Float	2023 2024	2025 2026 2027
			Dur		10 5 1 25	000	FMAMJJUASONDJFMAMJJUASONDJ	F M A M J Jul A S O N D J F M A M J Jul A S O N D J F M A M .
Architectur			221 22		13-Feb-26	229		
A7730	Install in Slab Plumbing & Floor Drains - Residuals Building	5	5 5		03-Apr-25	34		Install in Slab Plumbing & Floor Drains Residuals Building
A7740	Install Plumbing Accessories - Residuals Building	5	5 5	23-Apr-25	29-Apr-25	417	RPR RPR	Install Plumbing Accessories - Residuals Building
A7560	Install Dampproofing - Residuals Building	15	15 1	5 22-May-25	12-Jun-25	396	Part Full	Install Dampproofing - Residuals Building
A3920	Install Misc Metals - Residuals Building	30	30 30	0 23-Jul-25	03-Sep-25	329	Time Time	Install Misc Metals - Residuals Building
A7610	Install Overhead Coiling Door (qty. 3) - Residuals Building Building	5	5 5	18-Sep-25	24-Sep-25	314		Install Overhead Coiling Door (gty. 3) - Residuals Buildin
A7660	Install Door Frames - Residuals Building Building	5	5 5	18-Sep-25	24-Sep-25	309		9 Install Door Frames - Residuals Building Building
A7530	Install Access Hatches - Residuals Building	5	5 5	25-Sep-25	01-Oct-25	299		I Install Access Hatches - Residuals Building
A7670	Install Doors and Hardware - Residuals Building Building	5	5 5	25-Sep-25	01-Oct-25	309		1 Install Doors and Hardware - Residuals Building Building
A7700	Install Lightning Protection - Residuals Buliding	5	5 5	5 25-Sep-25	01-Oct-25	309		Install Lightning Protection - Residuals Buliding
A7750	Install HVAC Equipment - Residuals Building	5	5 5	5 25-Sep-25	01-Oct-25	309		Install HVAC Equipment - Residuals Building
A7590	Install Down Spouts - Residuals Building	10	10 10	0 02-Oct-25	15-Oct-25	299		Install Down Spouts Residuals Building
A2120	Install Architectural Finishes - Residuals Building	30	30 30	0 20-Nov-25	07-Jan-26	27		Install Architectural Finishes - Residuals Buildin
A3320	Painting - Residuals Building	20 2	20 20	0 08-Jan-26	05-Feb-26	27		Painting, Residuals Building
A7570	Install Firestopping - Residuals Building		5 5	6 06-Feb-26	12-Feb-26	219		Install Firestopping - Residuals Building
A6390	Interior Finishes Complete - Residuals Building	0	0 0		13-Feb-26	219		Interior Finishes Complete - Residuals Build
	Instrumentation	_	26 12	26 18-Sep-25	23-Mar-26	124		
A2250	Install Electrical Field Devices - Residuals Building		20 20		15-Oct-25	72		Install Electrical Field Devices - Residuals Building
A2250 A2260	Install Conduits - Residuals Building		30 30	·	30-Dec-25	52		Install Conduits Residuals Building
A2200 A2220	Set Electrical Gear (MCC-9901, MSCP, VFDs,CSDs) - Residuals Building		20 20		06-Feb-26	26		Set Electrical Gear (MCC-9901, MSCP, VFI
A2270	Pull Wire & Terminate - Residuals Building		30 30		23-Mar-26	26		Pull Wire & Terminate - Residuals Buildi
A6380	Electrically Complete - Residuals Building		0 0		23-Mar-26	124		Electrically Complete - Residuals Buildin
	, ,		556 55		27-Dec-26	124		• Lectrically Confidence - Incestidates Dullidii
	ommissioning					1		Design Scada System
A1420	Design Scada System		55 55		26-Dec-24	0		Review Scada System
A1500	Review Scada System		20 20		27-Jan-25	0		
A1510	Complete Scada System		15 1		18-Feb-25	0		Complete Scada System
A1390	Existing DAF Building - Ready for CSU		0 0			-20		SExisting DAF Building - Ready for CSU
A1370	Treatment Building - Ready for CSU	_	0 0	- · · · · · · · · · · · · · · · · · · ·		0		Treatment Building - Ready for CSU
A1400	Residuals Building - Ready for CSU		0 0	or inay Lo		92		Residuals Building - Ready for CSU
A1410	Drain Pump Station - Ready for CSU	0	0 0			92		Drain Pump Station - Ready for CSI
A1360	Disinfection Contact Basin (DCB) - Ready for CSU	0	0 0			81		Disinfection Contact Basin (DCB)-
A1380	Clean and Disinfect Piping - CSU		0 0			131		Clean and Disinfect Piping - CSU
Energize Ele	ectrical Gear	418 4	118 41	8 07-Oct-24	08-Jun-26	139		
A7760	Perform Short Circuit, Protective Device Coordination, and Flash Hazard Anaylsis	20	20 20	0 07-Oct-24	01-Nov-24	-20	Perfor	rm Short Circuit, Protective Device Cooldination, and Flash Hazard Anaylsis Stud
A2330	Energize Transformer XFMR-UTIL-9010	2	2 2	29-Apr-26	30-Apr-26	0		Linergize Transformer XFMR-UTIL-S
A2340	Energize Transformer XFMR-UTIL-9020	2	2 2	2 01-May-26	04-May-26	0		Energize Transformer XFMR-UTIL-
A2350	Energize Transformer XFMR-UTIL-9030	2	2 2	2 05-May-26	06-May-26	81		/// Energize Transformer XFMR-UTIL-
A2380	Energize SWBD-9020	2	2 2	2 05-May-26	06-May-26	0		1/ Energize SW/BID-9020
A2370	Energize SWBD-9601 (DCB)	2	2 2	2 07-May-26	08-May-26	81		Energize SWBD-9601 (DCB)
A2830	Perform Short Circuit, Protective Device Coordination, and Flash Hazard Anaylsis	20	20 20	0 11-May-26	08-Jun-26	139		Perform Short Circuit, Protective
	Vault (Break Tank, Raw Water & Rapid Mix Basin)		6 6		18-May-26	108		
A2880	COPI Valves	4	4 4	11-May-26	14-May-26	108		/ COPI Valves
A2900	FDT Valves	-	2 2	-	18-May-26	108		// FDT Valves
	DAF Building (DAF System, DAF Recycle & Float Pump Station)		28 28		25-Apr-25	-20		
A3650	COPI Equipment		11 1		02-Apr-25	-20		□ COPI Equipment
A3660	FDT Equipment	11	$\frac{1}{\Lambda}$ $\frac{1}{\Lambda}$	19-Mar-25 1 03-Apr-25	02-Apr-25 08-Apr-25	-20		P FDT Equipment
A3730	COPI Flocculation	4	4 4	03-Apr-25	14-Apr-25	-20		I COP (Flocculation
		4	4 4	·	· · · · · · · · · · · · · · · · · · ·			FDT Flocculation
A3740	FDT Flocculation	1	1 1	15-Apr-25	15-Apr-25	-20		COP/ Sødium Permanganate
A5650	COPI Sodium Permanganate	3	3 3	·	18-Apr-25	-20		FDT Sodjum Permanganate
	FDT Sodium Permanganate	1	1 1	21-Apr-25	21-Apr-25	-20		
A5660	CODIAL I CITA							
A5670 A5680	COPI Aluminum Sulfate  FDT Aluminum Sulfate	3	3 3	22-Apr-25 25-Apr-25	24-Apr-25 25-Apr-25	-20 -20		FOT Aluminum Sulfate

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/ ID	Activity Name	Orig Rem ACD Start Dur Dur	Finish Total Float		2026 2027
				FMAMJJUIASONDJFMAMJJUIASONDJFMAMJJUIASO	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
4 - Treatme	ent Building	116 116 116 07-May-26			
A3670	COPI MF Feed Wet Well Equipment	15 15 15 07-May-26	28-May-26 0		COPIMF Feed Wet Well Equipm
A3680	FDT MF Feed Wet Well Equipment	10 10 10 29-May-26	11-Jun-26 0	REB BER	FOT MF Feed Wet Well Equipm
A5690	COPI MBR Skids	20 20 20 12-Jun-26	10-Jul-26 0	Part Full	COP MBR Skids
A5700	FDT MBR Skids	15 15 15 13-Jul-26	31-Jul-26 0	Time time	FDT MBR Skids
A5710	COPI GAC System	16 16 16 03-Aug-26	24-Aug-26 0		COPI GAC System
A5720	FDT GAC System	5 5 5 25-Aug-26	31-Aug-26 0		FDT GAC System
A5730	COPI Caustic Soda	6 6 6 01-Sep-26	09-Sep-26 0		©PI Caustic Soda
A5740	FDT Caustic Soda	2 2 2 10-Sep-26	11-Sep-26 0		1 FOT Caustic Soda
A5750	COPI Sodium Hypochlorite	5 5 5 14-Sep-26	18-Sep-26 0		COPI Sodium Hypochic
A5760	FDT Sodium Hypochlorite	2 2 2 21-Sep-26	22-Sep-26 0		FDT Sodium Hypochic
A5770	COPI Sodium Bisulfite	3 3 3 23-Sep-26	25-Sep-26 0		OOPI Sodium Bisulfite
A5780	FDT Sodium Bisulfite	2 2 2 28-Sep-26	29-Sep-26 0		FDT Sodium Bisulfite
A5790	COPI Citric Acid	4 4 4 30-Sep-26	05-Oct-26 0		COPI Citric Acid
A5800	FDT Citric Acid	2 2 2 06-Oct-26	07-Oct-26 0		T FDT Citric Acid
A5810	COPI Sulfuric Acid	4 4 4 08-Oct-26	13-Oct-26 0		COPI Sulfuric Acid
A5820	FDT Sulfuric Acid	1 1 1 14-Oct-26	14-Oct-26 0		FDT Sulfuric Acid
A5830	COPI CIP/Neutralization System	3 3 3 15-Oct-26	19-Oct-26 0		COPI CIP/Neutraliza
A5840	FDT CIP/Neutralization System (See Mode-3)	0 0 0 20-Oct-26	20-Oct-26 0		FDT CIP/Neutralizat
A5850	COPI Carrier Water	1 1 1 20-Oct-26	20-Oct-26 0		COPI Carrier Water
6 - Disinfec	ction Basin	33 33 33 11-May-26	25-Jun-26 81		
A3690	COPI Disinfection Contact Basin	1 1 1 1-May-26	11-May-26 81		COPI Disinfection Contact Basin
A3700	FDT Disinfection Contact Basin	1 1 1 12-May-26	12-May-26 81		FDT Disinfection Contact Basin
A5860	COPI Distribution Pump Station	13 13 13 13-May-26	01-Jun-26 81		COP/ Distribution Pump Station
A5870	FDT Distribution Pump Station (See Mode-2)	0 0 0 02-Jun-26	02-Jun-26 81		FDT Distribution Pump Station (S
A5880	COPI Finished Water System	2 2 2 02-Jun-26	03-Jun-26 81		/ COP/Finished Water System
A5890	FDT Finished Water System	1 1 1 04-Jun-26	04-Jun-26 81		FDT Finished Water System
A5900	COPI Plant Service Water	2 2 2 05-Jun-26	08-Jun-26 81		COPI Plant Service Water
A5910	FDT Plant Service Water	1 1 1 09-Jun-26	09-Jun-26 81		FDT Plant \$ervice Water
A5920	COPI Sample Pump System	9 9 9 10-Jun-26	22-Jun-26 81		COP Sample Pump System
A5930	FDT Sample Pump System	3 3 3 23-Jun-26	25-Jun-26 81		J FDT Sample Pump System
8 - Drain Pu	um p Station	10 10 10 07-May-26	20-May-26 106		
A3710	COPI Equipment	7 7 7 07-May-26	15-May-26 106		© COPL Equipment
A3720	FDT Equipment	3 3 3 18-May-26	20-May-26 106		I FDT Equipment
9 - Residua		24 24 24 07-May-26	-		
A2360	Energize Residual Building MCC-9901	2 2 2 07-May-26	08-May-26 92		Energize Residual Building MCC-99
A5940	COPI Dewatering Polymer System	6 6 6 11-May-26	18-May-26 92		© COPI Dewatering Polymer System
A5950	FDT Dewatering Polymer System	5 5 5 19-May-26	26-May-26 92		FDT Dewatering Polymer System
A5960	COPI Sludge Storage Tanks	8 8 8 27-May-26	05-Jun-26 92		COPI Sjudge Storage Tanks
A5970	FDT Sludge Storage Tanks	3 3 3 08-Jun-26	10-Jun-26 92		FDT Sludge Storage Tanks
	er Loop Testing	23 23 23 21-Oct-26	12-Nov-26 0		
A5980	Mode 1 - MBR and Backwash Loop	5 5 5 21-Oct-26	25-Oct-26 0		Mode 1 - MBR and
A5990	Mode 2 - Distribution Pump Station	3 3 3 26-Oct-26	28-Oct-26 0		Mode 2 - Distributio
A6000	Mode 3 - MBR CIP System	5 5 5 29-Oct-26	02-Nov-26 0		Mode 3 - MBR CIP
A6010	Mode 4 - MBR thru Distribution System Combined Loop	5 5 5 03-Nov-26	07-Nov-26 0		■ Mode 4 - MBR thri
A6020	Mode 5 - Solids Handling Systems	5 5 5 08-Nov-26	12-Nov-26 0		Mode 5 - Solids H
Process St	<u> </u>	45 45 45 13-Nov-26			
A6030	Process Introduction	5 5 5 13-Nov-26	17-Nov-26 0		Process Introduct
A6040	Process Introduction  Process Optimization		27-Nov-26 1		Process Optimiz
	•		27-Nov-26 1 27-Dec-26 1		Facility Accep
A6050	Facility Acceptance Testing				- I acuity Accep
Project Clos A1150		80 80 80 29-Dec-26	22-Apr-27 0 22-Apr-27 0		Pro
	Project Closeout and Documentation Turnover	80 80 80 29-Dec-26	//_Δnr// ()		PIC

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