From:	Taraszki, Michael D
To:	Handley, Bianca (she/her)
Cc:	vahe.dabbaghian@ladwp.com; Nicole.Alkov@Waterboards.ca.gov; Diep, Chi P.@Waterboards; Murdock, Kevin/LAC; Humphreys, Christina@Waterboards; Heitmann, Michael; Radke, Laura@DTSC; Nyahay, Colin; Eric Mills; Rodriguez, Michelle
Subject:	NHOU: August 2022 monthly progress report
Date:	Monday, September 12, 2022 3:23:03 PM
Attachments:	image001.png R35216 NHOU_2022 Sep_RA_Monthly Prog Report.pdf

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Bianca,

The August 2022 progress report and updated construction schedule for the NHOU 2IR is attached for your review and approval.

Please let me know if you have any questions regarding this matter.

Thank you,

Michael Taraszki, PG, CHG, PMP
Pronounced Tah-RASS-kee; he/him/his
Wood Consulting – Resilient Environments
Principal Hydogeologist, Senior Project Manager
555 12th St., Suite 215, Oakland, California 94607
M (510) 368-4549
michael.taraszki@woodplc.com www.woodplc.com

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wood.

Wood Environment & Infrastructure Solutions, Inc.
555 12th Street, Suite 215
Oakland, California 94607
USA

T: 1-510-663-4100
F: 1-833-778-3465

www.woodplc.com

September 12, 2022

Project 8620200310

Ms. Bianca Handley
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105

Subject: August 2022 Monthly Progress Report (electronic submittal)
North Hollywood Operable Unit
Second Interim Remedy
Groundwater Remediation Design

Dear Ms. Handley:

On behalf of Honeywell International Inc., attached is the August 2022 monthly progress report for North Hollywood Operable Unit (NHOU) Second Interim Remedy (2IR) treatment activities, pursuant to the October 2017 Unilateral Administrative Order for Remedial Action (U.S. EPA Region IX CERCLA Docket No. 2017-06; UAO) that became effective on February 1, 2018, and the First Amendment to the UAO (CERCLA Docket No. 2019-12) dated July 8, 2019.

Please contact me at (510) 663-4100 if you have questions regarding this submittal.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Michael Taraszki, PG CA 6457, CHG CA 586, PMP
Project Principal

MT/MR
https://woodplc.sharepoint.com/teams/hon-nhou/shared documents/general/03.0 doc & data control/monthly progress reports/2022/2022.09.10/r35216 nhou_2022 sep_ra_monthly prog report.docx

Attachment: August 2022 Monthly Progress Report

cc: Mike Heitmann (Honeywell)
Vahe Dabbaghian (LADWP)
Rochelle Dungca (LADWP)
Nicole Alkov and Christina Humphreys (RWQCB-LA)
Laura Radke (DTSC)
Chi Diep (SWRCB DDW)
Kevin Murdock (Jacobs)
Eric Mills (Carollo)

'Wood' is a trading name for John Wood Group PLC and its subsidiaries

August 2022 NHOU Monthly Progress Report

ACTIVITIES COMPLETED FOR THE REPORT PERIOD

- Wood oversaw continued construction at Lankershim Yard and the well sites; Wood continued to provide LADWP with contractor submittals for review;
- On August 5, Wood retracted its draft Phase 1B Treatment System Operations, Maintenance, and Monitoring Plan (OMMP) submitted to EPA and NHOU stakeholders on July 29, with a revised version to be submitted subsequent to LADWP's preliminary review;
- On August 8, Wood responded to follow-up comments from LADWP operators stemming from their site tour on June 6;
- On August 18, Wood provided LADWP with a complete/final copy of the Phase 1B Commissioning Plan to Wood for LADWP to submit to DDW for their review;
- On August 22, LADWP provided comments on the OMMP;
- On August 25, Wood submitted the 90% Programming Design and a Draft Operating Monitoring and Maintenance Plan (OMMP) for LADWP/DDW review;
- On August 26, Wood provided a copy of the Hazardous Materials Business Plan (HMBP) application to LADWP, as requested;
- On August 30, LADWP provided additional comments from their Operators stemming from a site visit on August 11;
- On August 31, Wood requested a one-month extension to develop the draft Phase 1B Site Wide Monitoring Plan in response to EPA comments;
- On June 1, 2022, Carollo applied for the City of Los Angeles, Bureau of Engineering, U-Permit, and,
- On June 29, 2022, EPA provided comments on the Pre-Final (90%) Phase 2B Design to Carollo.

ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS

- Honeywell/Wood actions:
  - Wood will continue with construction activities at Lankershim Yard and at the extraction well sites, and will continue to provide contractor submittals for LADWP review;
  - Wood will provide responses to LADWP comments on the draft OMMP;
  - Wood will provide responses to LADWP Operator comments from their August 11 site visit;
  - Wood will prepare a revised Site Wide Monitoring Plan for EPA review on or before September 30; and,

August 2022 NHOU Monthly Progress Report (continued)

ANTICIPATED ACTIVITIES FOR THE NEXT SIX WEEKS (CONTINUED)

- Honeywell/Wood will continue to support LADWP with the DDW 97-005 permit process, including revisions to the draft Phase 1B Treatment System OMMP in response to LADWP comments.

- Honeywell/Carollo actions:
  - Carollo to submit Phase 2B Final (100%) Design to LADWP and EPA; and,
  - Investigate cause for 12-inch collector line pressure test failure and implement repairs as needed.
- LADWP actions (anticipated):
  - Coordinate with Wood regarding construction activities associated with the Phase 1B Groundwater Treatment System (including review of contractor submittals);
  - Review the Phase 1B 90% Programming Design;
  - Review the revised draft Phase 1B Commissioning Plan and provide to DDW;
  - Review the revised draft Phase 1B Treatment System OMMP;
  - Continue development and submittal of DDW 97-005 process documents; and,
  - Review the Phase 2B Final (100) Design.
- U.S. EPA actions (anticipated):
  - Perform periodic site inspections of the Phase 1B System construction, as needed;
  - Review and approve the revised draft OMMP;
  - Review and approve the revised Site Wide Monitoring Plan; and,
  - Review the Phase 2B Final (100) Design.

ANTICIPATED ACTIVITIES FOR THE NEXT SIX MONTHS

- Honeywell/Wood actions:
  - Wood will complete installation of equipment/components of the NHOU Phase 1B Groundwater Treatment System and will initiate the commissioning process;
  - Wood will provide contractor submittals for the Phase 1B Groundwater Treatment System to LADWP for review;
  - Wood will provide a Phase 1B 100% Programming Design to LADWP;
  - Wood will submit the Phase 3 Intermediate (60%) Design for EPA/LADWP review; and
  - Honeywell/Wood will continue to support LADWP with the DDW 97-005 process.

August 2022 NHOU Monthly Progress Report (continued)

ANTICIPATED ACTIVITIES FOR THE NEXT SIX MONTHS (CONTINUED)

- LADWP actions (anticipated):
  - Review submittals and issued-for-construction drawings associated with the Phase 1B Groundwater Treatment System;
  - Participate in Phase 1B Groundwater Treatment System construction and commissioning meetings;
  - Review the Phase 1B 100% Programming Design;
  - Review the Phase 3 Intermediate (60%) Design and host a User Review Meeting;
  - Review the Phase 2B Final (100%) Design; and,
  - Continue development and submittal of documents associated with the DDW 97-005 process, including meeting(s) with DDW.
- Honeywell/Carollo actions:
  - Carollo will participate in LADWP's User Review Meeting for the 100% design; and,
  - Carollo will obtain required permits necessary for construction anticipated to begin in Q3 of 2022.
- U.S. EPA actions (anticipated):
  - Perform periodic site inspections (including a final inspection) of the Phase 1B Groundwater Treatment System, and participate in associated construction meetings, as required;
  - Review and approve the revised Sitewide Monitoring Plan;
  - Review the draft Phase 1B Treatment System OMMP;
  - Review and approve the Phase 2B Final (100%) Design; and,
  - Review and approve the Phase 3 Intermediate (60%) Design.

SCHEDULE UPDATE

- An updated Phase 1B Groundwater Treatment System construction schedule is attached.

ISSUES AND CORRECTIVE ACTIONS

- None.

August 2022 NHOU Monthly Progress Report (continued)

UNRESOLVED ISSUES/POTENTIAL IMPACTS TO SCHEDULE/WORK PLAN (FOR EPA APPROVAL)

- Two unresolved issues are anticipated to become critical path items and impact the schedule:
  - LADWP power drops at Lankershim Yard and the five well sites was not completed as shown on the construction schedule (late August) and is now a critical path item as a third-party decision that will delay completion of construction and initiation of the Commissioning Phase;
  - The 12-inch collector line, south of Vanowen Street, failed a pressure test; Honeywell/Carollo will investigate using acoustical correlators is scheduled to begin in mid-September (if a leak cannot be detected, an alternative in-pipe detection technology will be scheduled for late October); once the leak(s) location(s) are identified, an estimate to complete repair(s) will be prepared subsequently; this issue has also become a critical path item as a third-party decision that impacts production from extraction wells NHE-4R, NHE-5R, and NHE-6;
- Material supply-chain issues are delaying delivery of critical equipment to the Site, resulting in ongoing delays to the construction schedule (over four months from the baseline schedule);
- LADWP plans to block off Hinds Avenue for construction from March 2022 through December 2022, which will push out the start of LADWP water main relocation and subsequent Phase 2B construction on Hinds Avenue to 2023.

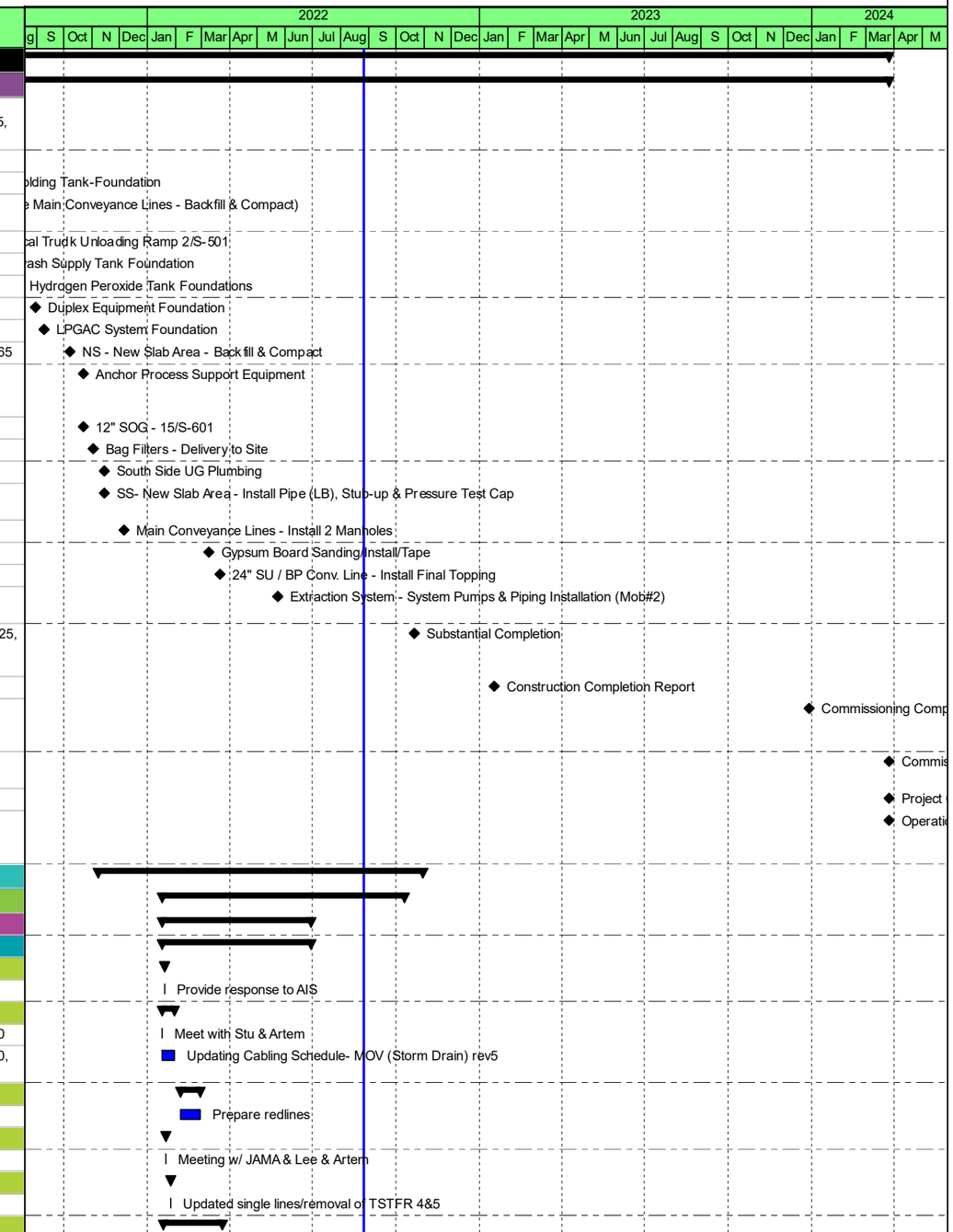
DESIGN CHANGES OF NOTE

- No substantial design changes this month.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
Print: 09-Sep-22

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
1	**HON North Hollywood Operable Unit**		1273	401		29-Mar-19 A	26-Mar-24			
2	**Milestones**		906	401		28-Aug-20 A	26-Mar-24			
3	M1	Contract Award	0	0	100%		28-Aug-20 A	☐	PMOB-0005	WTFD-N104, EIA1015, EIA1010, EIA1005, EIA-1005, EIA-9035, EIA-9025, A4025,
4	M2	Mobilization	0	0	100%	16-Oct-20 A		☐	MOB-0005	A1500, MOB-0010
5	M4	Backwash Holding Tank-Foundation	0	0	100%		13-May-21 A	☐	WTFD-N0070	WTEQ-0005
6	M3	North Side Main Conveyance Lines - Backfill & Compact)	0	0	100%		02-Jun-21 A	☐	WTUG-N0015	CN-0020
7	M14	Chemical Trudk Unloading Ramp 2/S-501	0	0	100%		21-Jun-21 A	☐	WTFD-N0030	M8
8	M6	Backwash Supply Tank Foundation	0	0	100%		25-Jun-21 A	☐	WTFD-S0025	WTEQ-0075
9	M15	Hydrogen Peroxide Tank Foundations	0	0	100%		10-Aug-21 A	☐	WTFD-N0040	M8
10	M19	Duplex Equipment Foundation	0	0	100%		30-Aug-21 A	☐	WTFD-N0035	CN-0020
11	M24	LPGAC System Foundation	0	0	100%		10-Sep-21 A	☐	WTFD-S120	M8
12	M13	NS - New Slab Area - Backfill & Compact	0	0	100%		08-Oct-21 A	☐	WTUG-N0015	WTUG-N0055, WTUG-N0065
13	M7	Anchor Process Support Equipment	0	0	100%		22-Oct-21 A	☐	WTFD-N125, A1505, WTFD-N0070, WTFD-N0075, WTFD-N0065	M8
14	M17	12" SOG - 15/S-601	0	0	100%		22-Oct-21 A	☐	WTFD-N0060	M8
15	M21	Bag Filters - Delivery to Site	0	0	100%		02-Nov-21 A	☐	WTEQ-135A	CN-0020
16	M5	South Side UG Plumbing	0	0	100%		15-Nov-21 A	☐	WTUG-S0010	M8
17	M23	SS- New Slab Area - Install Pipe (LB), Stub-up & Pressure Test Cap	0	0	100%		15-Nov-21 A	☐	WTUG-S0010	M8
18	M22	Main Conveyance Lines - Install 2 Manholes	0	0	100%		06-Dec-21 A	☐	WTS-0015	M25
19	M25	Gypsum Board Sanding/Install/Tape	0	0	100%		10-Mar-22 A	☐	M22, WH-0340	M20
20	M20	24" SU / BP Conv. Line - Install Final Topping	0	0	100%		22-Mar-22 A	☐	M25, WTS-0040	CN-0020
21	M18	Extraction System - System Pumps & Piping Installation (Mob#2)	0	0	100%		24-May-22 A	☐	GW-EQ0010	M8
22	M8	Substantial Completion	0	0	0%		20-Oct-22	☐	M23, WTAG-0045, M17, M5, M15, M14, M18, M24, M7, CN-0020, WTEQ-0055,	M11, CO-0015, M10, CO-0025, M9, AIS-9000, M12
23	M12	Construction Completion Report	0	0	0%		16-Jan-23	☐	CO-0025, M8	M16
24	M9	Commissioning Complete	0	0	0%		29-Dec-23	☐	EIA-9075, EIA-9045, EIA-9010, PMOB-0005, CN-0020, M8, WTS-0045	M10, M11
25	M10	Commissioning Report	0	0	0%		25-Mar-24	☐	M9, CN-0020, M8, WTS-0045, CAR-1010	CO-0015
26	M16	Project Complete	0	0	0%		26-Mar-24	☑	CO-0006, M11, CO-0015, M12	
27	M11	Operations & Maintenance Complete	0	0	0%		26-Mar-24	☑	PMOB-0005, CAR-1010, CN-0020, M8, WTS-0045, CO-0020, AIS-9000, M9,	M16
28	**Electrical Design**		191	44		08-Nov-21 A	31-Oct-22			
29	**Electrical design**		177	30		17-Jan-22 A	10-Oct-22			
30	**Lankershim Yard**		131	0		17-Jan-22 A	30-Jun-22 A			
31	**Design**		131	0		17-Jan-22 A	30-Jun-22 A			
32	**AIS RFI-127**		1	0		20-Jan-22 A	20-Jan-22 A			
33	A4630	Provide response to AIS	1	0	100%	20-Jan-22 A	20-Jan-22 A	☐	A4650	A4670
34	**AIS RFI-126, Cable Schedule**		6	0		17-Jan-22 A	31-Jan-22 A			
35	A4650	Meet with Stu & Artem	1	0	100%	17-Jan-22 A	17-Jan-22 A	☐	A5045	A4750, A5120, A5150, A4630
36	A5150	Updating Cabling Schedule- MOV (Storm Drain) rev5	6	0	100%	17-Jan-22 A	31-Jan-22 A	☐	A4650	A4830, A4770, A4720, A4690, A4670, A4900
37	**Short Circuit (E-704, E-704-1, E-705)**		16	0		07-Feb-22 A	28-Feb-22 A			
38	A4670	Prepare redlines	16	0	100%	07-Feb-22 A	28-Feb-22 A	☐	A4630, A5150	A5115
39	**Cable Tray Elevation Drawing (AIS RFI ??)**		1	0		21-Jan-22 A	21-Jan-22 A			
40	A4690	Meeting w/ JAMA & Lee & Artem	1	0	100%	21-Jan-22 A	21-Jan-22 A	☐	A5150	A4720
41	**DCB-029B**		4	0		26-Jan-22 A	26-Jan-22 A			
42	A4720	Updated single lines/removal of TSTFR 4&5	4	0	100%	26-Jan-22 A	26-Jan-22 A	☐	A4690, A5150	A4900
43	**DCB-029C**		58	0		18-Jan-22 A	25-Mar-22 A			



Remaining LOE | Remaining Work | ◆ Milestone
Actual Work | Critical Remaining | Summary

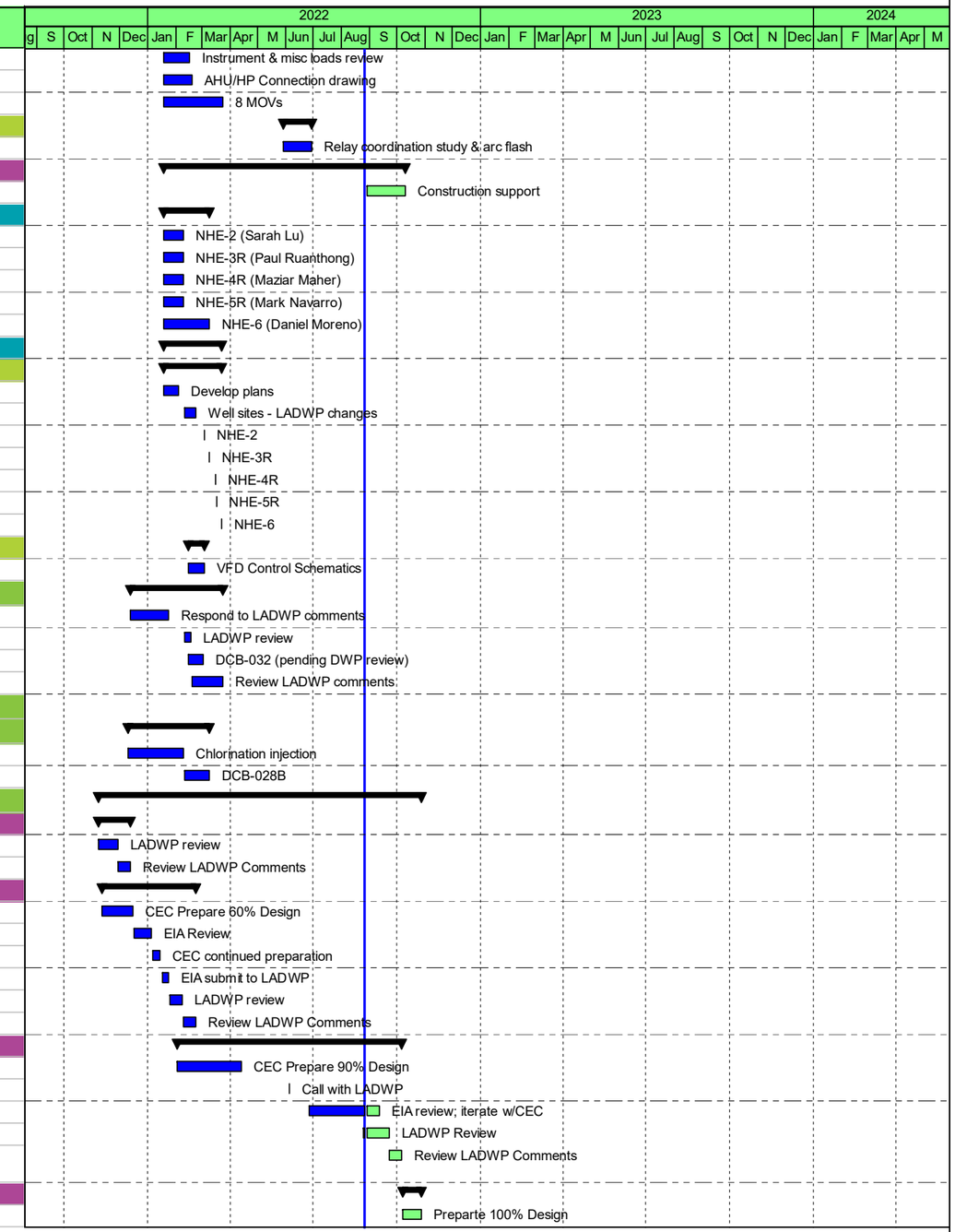
Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
Print: 09-Sep-22

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
44	A4760	Instrument & misc loads review	14	0	100%	18-Jan-22 A	16-Feb-22 A	☐	A4750	A5115
45	A4750	AHU/HP Connection drawing	14	0	100%	18-Jan-22 A	18-Feb-22 A	☐	A4650, A4770	A4760
46	A4770	8 MOVs	11	0	100%	18-Jan-22 A	25-Mar-22 A	☐	A5150	A4750, A4940, A4790
47	**DCB-033**		23	0		30-May-22 A	30-Jun-22 A			
48	A4790	Relay coordination study & arc flash	23	0	100%	30-May-22 A	30-Jun-22 A	☐	A4770	A5115
49	**Well Sites**		157	30		18-Jan-22 A	10-Oct-22			
50	A4940	Construction support	30	30	0%	29-Aug-22	10-Oct-22	☐	A4770	
51	**LADWP p-drawings/Service Commitment Letters**		10	0		18-Jan-22 A	09-Mar-22 A			
52	A4830	NHE-2 (Sarah Lu)	10	0	100%	18-Jan-22 A	09-Feb-22 A	☐	A5150	A4910, A4840
53	A4840	NHE-3R (Paul Ruanthong)	10	0	100%	18-Jan-22 A	09-Feb-22 A	☐	A4830	A4850
54	A4850	NHE-4R (Maziar Maher)	6	0	100%	18-Jan-22 A	09-Feb-22 A	☐	A4840	A4860
55	A4860	NHE-5R (Mark Navarro)	4	0	100%	18-Jan-22 A	09-Feb-22 A	☐	A4850	A4870
56	A4870	NHE-6 (Daniel Moreno)	7	0	100%	18-Jan-22 A	09-Mar-22 A	☐	A4900, A4860	A5170
57	**Design**		35	0		18-Jan-22 A	23-Mar-22 A			
58	**DCB-019B (update/re-release MEC, ELE, &STR)**		14	0		18-Jan-22 A	23-Mar-22 A			
59	A4910	Develop plans	10	0	100%	18-Jan-22 A	04-Feb-22 A	☐	A4830	A4900
60	A4900	Well sites - LADWP changes	14	0	100%	10-Feb-22 A	23-Feb-22 A	☐	A4720, A4910, A5150	A5155, A4930, A4870
61	A5155	NHE-2	1	0	100%	04-Mar-22 A	04-Mar-22 A	☐	A4900	A5160
62	A5160	NHE-3R	1	0	100%	10-Mar-22 A	10-Mar-22 A	☐	A5155	A5165
63	A5165	NHE-4R	1	0	100%	16-Mar-22 A	16-Mar-22 A	☐	A5160	A5170
64	A5170	NHE-5R	1	0	100%	18-Mar-22 A	18-Mar-22 A	☐	A4870, A5165	A5175
65	A5175	NHE-6	1	0	100%	23-Mar-22 A	23-Mar-22 A	☐	A5170	A5120
66	**DCB-019C**		15	0		14-Feb-22 A	04-Mar-22 A			
67	A4930	VFD Control Schematics	15	0	100%	14-Feb-22 A	04-Mar-22 A	☐	A4900	A5120
68	**Security design**		38	0		13-Dec-21 A	25-Mar-22 A			
69	A4960	Respond to LADWP comments	27	0	100%	13-Dec-21 A	24-Jan-22 A	☐		A4970
70	A4970	LADWP review	5	0	100%	10-Feb-22 A	17-Feb-22 A	☐	A4960	A4990, A4980
71	A4990	DCB-032 (pending DWP review)	1	0	100%	14-Feb-22 A	03-Mar-22 A	☐	A4970	A5120
72	A4980	Review LADWP comments	5	0	100%	18-Feb-22 A	25-Mar-22 A	☐	A4970	A5120
73	**Structural (w/JAMA)**		0	0						
74	**Process**		40	0		10-Dec-21 A	09-Mar-22 A			
75	A5045	Chlorination injection	40	0	100%	10-Dec-21 A	09-Feb-22 A	☐		A4650, A5040
76	A5040	DCB-028B	1	0	100%	10-Feb-22 A	09-Mar-22 A	☐	A5045	A5105
77	**PLC/HMI Programming Design**		171	44		08-Nov-21 A	28-Oct-22			
78	**30% Design**		26	0		08-Nov-21 A	13-Dec-21 A			
79	A5050	LADWP review	16	0	100%	08-Nov-21 A	29-Nov-21 A	☐		A5124, A5055, A5070
80	A5070	Review LADWP Comments	10	0	100%	30-Nov-21 A	13-Dec-21 A	☐	A5050	A5075
81	**60% Design**		71	0		12-Nov-21 A	22-Feb-22 A			
82	A5055	CEC Prepare 60% Design	25	0	100%	12-Nov-21 A	16-Dec-21 A	☐	A5050	A5075
83	A5075	EIA Review	10	0	100%	17-Dec-21 A	05-Jan-22 A	☐	A5070, A5055	A5080
84	A5080	CEC continued preparation	7	0	100%	06-Jan-22 A	14-Jan-22 A	☐	A5075	A5085
85	A5085	EIA submit to LADWP	6	0	100%	17-Jan-22 A	24-Jan-22 A	☐	A5080	A5090
86	A5090	LADWP review	11	0	100%	25-Jan-22 A	08-Feb-22 A	☐	A5085	A5060
87	A5100	Review LADWP Comments	10	0	100%	09-Feb-22 A	22-Feb-22 A	☐		A5105
88	**90% Design**		84	28		03-Feb-22 A	06-Oct-22			
89	A5060	CEC Prepare 90% Design	32	0	100%	03-Feb-22 A	13-Apr-22 A	☐	A5090	A5105
90	A5095	Call with LADWP	1	0	100%	06-Jun-22 A	06-Jun-22 A	☐	A5105	A5115
91	A5105	EIA review; iterate w/CEC	20	10	80%	27-Jun-22 A	12-Sep-22	☐	A5100, A5040, A5060	A5095, A5110
92	A5110	LADWP Review	20	18	10%	25-Aug-22 A	22-Sep-22	☐	A5105	A5115
93	A5115	Review LADWP Comments	10	10	0%	23-Sep-22	06-Oct-22	☐	A5095, A4790, A4760, A4670, A5110	A5120, A5065
94	**100% Design**		16	16		07-Oct-22	28-Oct-22			
95	A5065	Preparte 100% Design	15	15	0%	07-Oct-22	27-Oct-22	☐	A5115	A5120



Remaining LOE | Remaining Work | Milestone
Actual Work | Critical Remaining | Summary

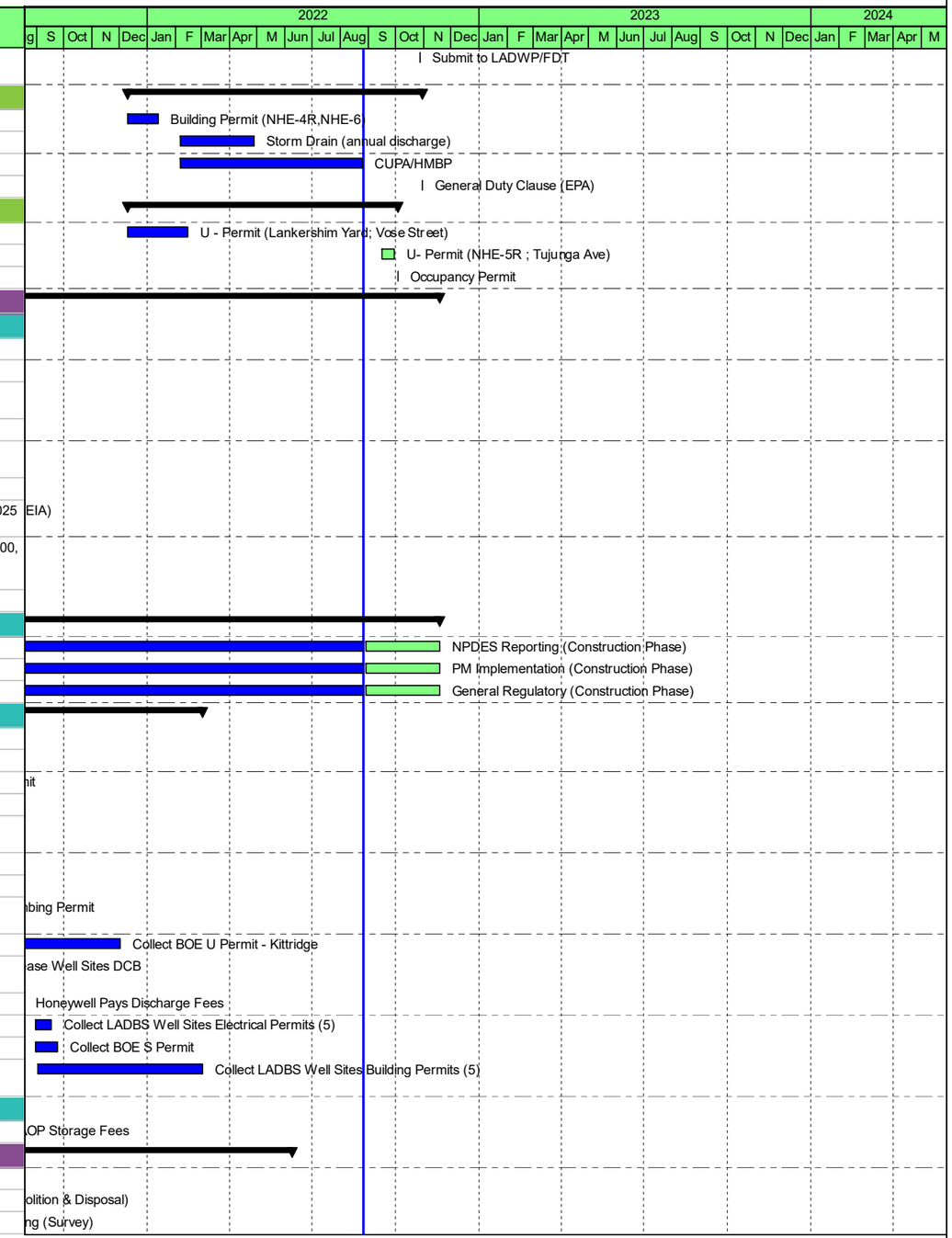
Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
Print: 09-Sep-22

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
96	A5120	Submit to LADWP/FDT	1	1	0%	28-Oct-22	28-Oct-22	☐	A5175, A4990, A4930, A4980, A4650, A5115, A5065	A5135
97	**Permitting Wood**		171	0		10-Dec-21 A	31-Oct-22			
98	A5124	Building Permit (NHE-4R,NHE-6)	40	0	100%	10-Dec-21 A	13-Jan-22 A	☐	A5050	A5140, A5125
99	A5130	Storm Drain (annual discharge)	60	0	100%	07-Feb-22 A	29-Apr-22 A	☐	A5125	A5135
100	A5125	CUPA/HMBP	40	0	100%	07-Feb-22 A	26-Aug-22 A	☐	A5124	A5135, A5130
101	A5135	General Duty Clause (EPA)	0	0	0%	31-Oct-22	31-Oct-22	☐	A5130, A5125, A5120	
102	**Permiting LADWP**		151	11		10-Dec-21 A	03-Oct-22			
103	A5140	U - Permit (Lankershim Yard; Vose Street)	44	0	100%	10-Dec-21 A	15-Feb-22 A	☐	A5124	A5145
104	A5145	U- Permit (NHE-5R ; Tujunga Ave)	10	10	0%	16-Sep-22*	29-Sep-22	☐	A5140	GW-EQ20A10
105	A5185	Occupancy Permit	0	0	0%	03-Oct-22	03-Oct-22	☐	WTAG-145A	
106	**Regulatory Submittals & Approvals (Wood)**		821	59		29-Mar-19 A	18-Nov-22			
107	**Pre-Construction Regulatory Submittals & Approvals (EI**		367	0		29-Mar-19 A	28-Aug-20 A			
108	EIA-1000	Submit 90% Design & RAWP	0	0	100%	29-Mar-19 A		☐		LADWP-1000
109	LADWP-1000	EPA & LADWP Review	90	0	100%	29-Mar-19 A	02-Aug-19 A	☐	EIA-1000, CAR-1010	CAR-1000
110	CAR-1000	Submit Final RAWP & Storm Drain Conveyance Design for Review	44	0	100%	02-Aug-19 A	03-Oct-19 A	☐	LADWP-1000	EPA-1000, EPA-1005
111	EPA-1000	EPA Review & Comment Final RAWP	37	0	100%	03-Oct-19 A	25-Nov-19 A	☐	CAR-1000	CAR-1005
112	CAR-1005	Revise and Submit Final RAWP	20	0	100%	22-Nov-19 A	23-Dec-19 A	☐	EPA-1000, CAR-1010	CAR-1015, CAR-1020, MOB-0005
113	EPA-1005	EPA Comments Received	0	0	100%		25-Nov-19 A	☐	CAR-1000	EIA-1030
114	EIA-1030	Pre-Construction Regulatory Submittals & Approvals (EIA)	125	0	100%	04-Mar-20 A	28-Aug-20 A	☐	EPA-1005	EPA-1010, EIA-1020, EIA-1025
115	CAR-1010	Submit Additional Construction Plans per RAWP (Final)	1	0	100%	15-May-20 A	15-May-20 A	☐		M11, CO-0015, M10, AIS-9000, CO-0025, MOB-0005, CAR-1025, CAR-1030,
116	EPA-1010	Receive EPA Approval on Additional Plans	0	0	100%	01-Jul-20 A		☐	EIA-1030	EIA1015
117	**Construction Regulatory Submittals & Approvals (EIA)**		454	59		31-Aug-20 A	18-Nov-22			
118	EIA1015	NPDES Reporting (Construction Phase)	347	59	80%	31-Aug-20 A	18-Nov-22	☐	EPA-1010, M1	WTS-75
119	EIA1010	PM Implementation (Construction Phase)	443	59	80%	31-Aug-20 A	18-Nov-22	☐	M1	WTS-75
120	EIA1005	General Regulatory (Construction Phase)	443	59	80%	16-Sep-20 A	18-Nov-22	☐	M1	WTS-75
121	**Permitting & Procurement (Priority)**		463	0		04-Mar-20 A	03-Mar-22 A			
122	EIA-1025	Final Procurement - WAR	149	0	100%	04-Mar-20 A	02-Oct-20 A	☐	EIA-1030	EIA-1020
123	EIA-1020	Assist LADWP with SCAR & Ind WW Permit	149	0	100%	04-Mar-20 A	02-Oct-20 A	☐	EIA-1025, EIA-1030	CAR-1025
124	CAR-1025	Collect LADBS Temp Construction Power Permit	1	0	100%	09-Oct-20 A	09-Oct-20 A	☐	EIA-1020, CAR-1010	MOB-0005, CAR-1030
125	CAR-1030	Collect LADBS Electrical Permit	1	0	100%	02-Nov-20 A	02-Nov-20 A	☐	CAR-1010, CAR-1025	WTUG-N0020, CAR-1040
126	CAR-1040	Collect LADBS HVAC Permit	1	0	100%	17-Nov-20 A	17-Nov-20 A	☐	CAR-1010, CAR-1030	WH-0170, WH-0285, WH-0195, WH-0185
127	CAR-1020	Collect LADBS Grading Permit	1	0	100%	08-Dec-20 A	08-Dec-20 A	☐	CAR-1005, CAR-1010	CAR-1035
128	CAR-1015	Collect LADBS Building Permit	1	0	100%	08-Dec-20 A	08-Dec-20 A	☐	CAR-1005, CAR-1010	CAR-1035
129	CAR-1035	Collect LADBS Plumbing Permit	1	0	100%	30-Mar-21 A	30-Mar-21 A	☐	CAR-1020, CAR-1015	CAR-1050A, CAR-1055A, WTS-0005, WTUG-N0011
130	CAR-1050A	Collect BOE U Permit - Kittridge	131	0	100%	27-May-21 A	01-Dec-21 A	☐	CAR-1035	CAR-1055A5
131	CAR-1055A5	Release Well Sites DCB	1	0	100%	09-Jul-21 A	09-Jul-21 A	☐	CAR-1050A	CAR-1045A5, CAR-1060A, CAR-1055A
132	CAR-1045A5	Honeywell Pays Discharge Fees	12	0	100%	02-Aug-21 A	17-Aug-21 A	☐	CAR-1055A5	CAR-1045A
133	CAR-1060A	Collect LADBS Well Sites Electrical Permits (5)	14	0	100%	30-Aug-21 A	17-Sep-21 A	☐	CAR-1055A5	WTS-0050
134	CAR-1045A	Collect BOE S Permit	19	0	100%	30-Aug-21 A	24-Sep-21 A	☐	CAR-1045A5	WTS-0050
135	CAR-1055A	Collect LADBS Well Sites Building Permits (5)	83	0	100%	02-Sep-21 A	03-Mar-22 A	☐	CAR-1055A5, CAR-1035	EIA-1035, WTS-0050, GW-DM0010
136	**AOP Storage Fees**		220	0		16-Sep-20 A	29-Jul-21 A			
137	EIA-1035	AOP Storage Fees	220	0	100%	16-Sep-20 A	29-Jul-21 A	☐	CAR-1055A	WTEQ-0070
138	**Prepatory Meetings**		458	0		18-Sep-20 A	10-Jun-22 A			
139	EIA-1005	Pre-Construction Conference	1	0	100%	18-Sep-20 A	18-Sep-20 A	☐	M1	DEMO-0013
140	DEMO-0013	DFOW-04 Preparatory Meeting (Demolition & Dispo	1	0	100%	04-Dec-20 A	04-Dec-20 A	☐	EIA-1005, MOB-0005	DEMO-0020
141	MOB-0008	DFOW-01 Preparatory Meeting (Survey)	13	0	100%	13-Jan-21 A	29-Jan-21 A	☐	MOB-0010	MOB-0020



Remaining LOE | Remaining Work | Milestone
Actual Work | Critical Remaining | Summary

Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
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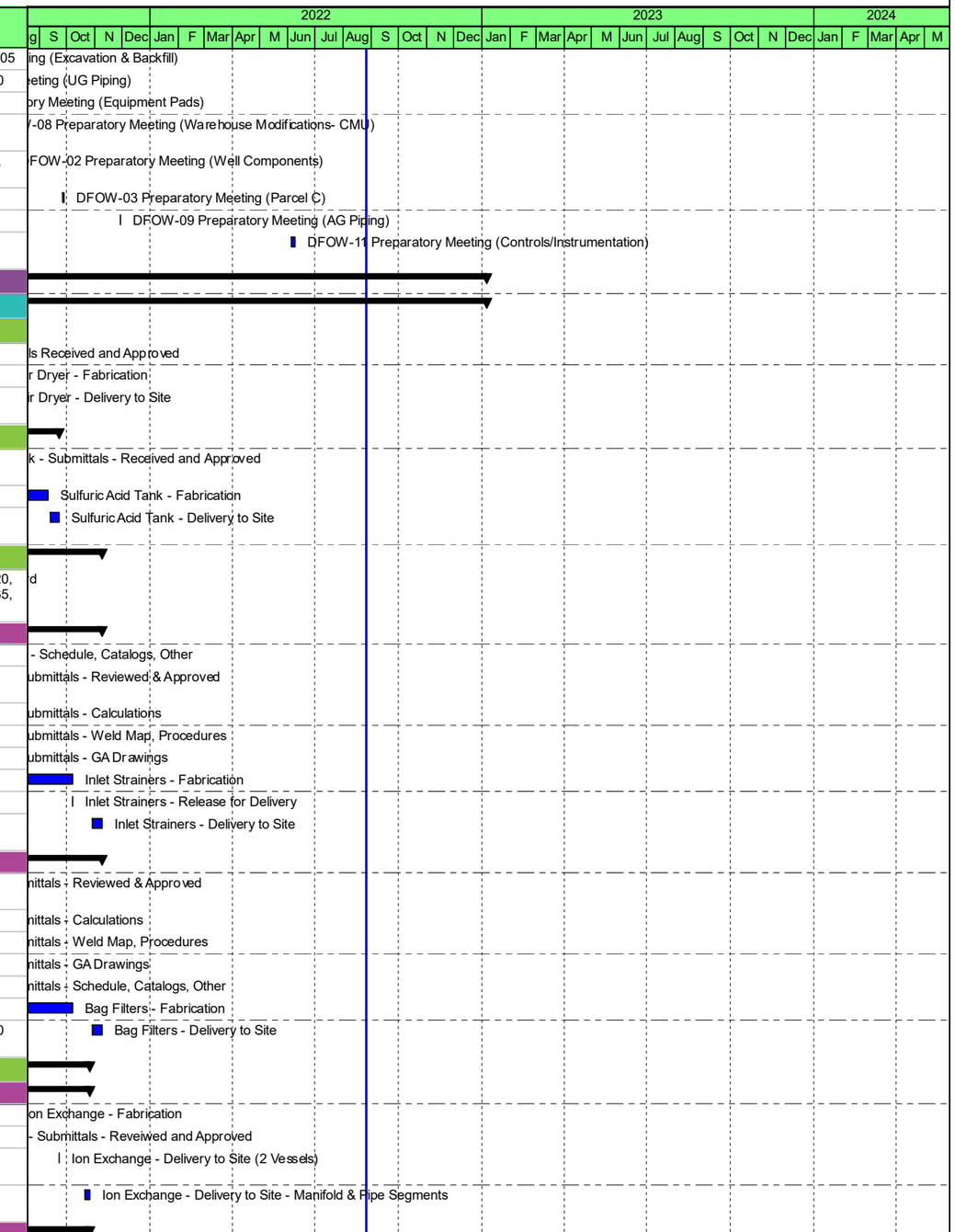
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
142	WTUG-N0085	DFOW-05 Preparatory Meeting (Excavation & Backf	1	0	100%	02-Feb-21 A	02-Feb-21 A	☐	MOB-0005	WTUG-N0019, WTUG-N0005
143	WTUG-N0095	DFOW-06 Preparatory Meeting (UG Piping)	1	0	100%	17-Feb-21 A	17-Feb-21 A	☐	MOB-0005	WTEQ-0095, WTUG-N0010
144	WTFD-N105	DFOW-07 Preparatory Meeting (Equipment Pads)	1	0	100%	29-Mar-21 A	29-Mar-21 A	☐	WTFD-N104	WH-0002
145	WH-0002	DFOW-08 Preparatory Meeting (Warehouse Modifications- CMU)	1	0	100%	25-Jun-21 A	25-Jun-21 A	☐	WTFD-N105, WTS-0034, MOB-0005	WH-460A
146	GW-DM0020	DFOW-02 Preparatory Meeting (Well Components)	1	0	100%	28-Jul-21 A	28-Jul-21 A	☐	MOB-0005	GW-EX0005, GW-SW0025, GW-EQ0010
147	WTS-0034	DFOW-03 Preparatory Meeting (Parcel C)	1	0	100%	27-Sep-21 A	27-Sep-21 A	☐	MOB-0005	WTEQ-0008, WH-0002
148	WTEQ-0008	DFOW-09 Preparatory Meeting (AG Piping)	41	0	100%	29-Nov-21 A	29-Nov-21 A	☐	WTS-0034	M8, CN-0020
149	WTAG-0045	DFOW-11 Preparatory Meeting (Controls/Instrumentation)	5	0	100%	06-Jun-22 A	10-Jun-22 A	☐	WH-470A	M8
150	**Procurement**		575	92		01-Oct-20 A	06-Jan-23			
151	**Equipment Deliveries**		575	92		01-Oct-20 A	06-Jan-23			
152	**ProtectoSeal**		95	0		15-Mar-21 A	27-Jul-21 A			
153	WTEQ-0095	Air Dryer - Submittals Received and Approved	13	0	100%	15-Mar-21 A	31-Mar-21 A	☐	WTUG-N0095	WTEQ-125A, M8, CN-0020
154	WTEQ-125A	Air Dryer - Fabrication	80	0	100%	01-Apr-21 A	25-Jul-21 A	☐	WTEQ-0095	WTEQ-130A
155	WTEQ-130A	Air Dryer - Delivery to Site	2	0	100%	26-Jul-21 A	27-Jul-21 A	☐	WTFD-N0060, WTFD-N125A, WTEQ-125A	WTAG-0005
156	**Modern Custom Fabrication**		155	0		16-Feb-21 A	23-Sep-21 A			
157	WTEQ-0110	Sulfuric Acid Tank - Submittals - Received and Approved	48	0	100%	16-Feb-21 A	23-Apr-21 A	☐	MOB-0005	WTEQ-0080
158	WTEQ-0080	Sulfuric Acid Tank - Fabrication	98	0	100%	26-Apr-21 A	10-Sep-21 A	☐	WTEQ-0110	WTEQ-0055
159	WTEQ-0055	Sulfuric Acid Tank - Delivery to Site	9	0	100%	13-Sep-21 A	23-Sep-21 A	☐	WTFD-N0060, WTFD-S0025, WTEQ-0080, WTFD-N125A	WTEQ-0060, M8, CN-0020
160	**Rosedale**		260	0		29-Oct-20 A	08-Nov-21 A			
161	RP-1000	Inlet Strainers & Bag Filters - Notice of Award	1	0	100%	29-Oct-20 A	29-Oct-20 A	☐	PMOB-0005, PMOB-0010	RP-1010, RP-1015, RP-1020, RP-1005, RP-1030, RP-1035, RP-1040, RP-1045
162	**Inlet Strainers**		253	0		09-Nov-20 A	08-Nov-21 A			
163	RP-1005	Inlet Strainers - Submittals - Schedule, Catalogs, Oth	68	0	100%	09-Nov-20 A	17-Feb-21 A	☐	RP-1000	RP-1025
164	RP-1025	Inlet Strainers - Submittals - Reviewed & Approved	108	0	100%	09-Nov-20 A	15-Apr-21 A	☐	RP-1005, RP-1010, RP-1015, RP-1020	RP-0085A
165	RP-1020	Inlet Strainers - Submittals - Calculations	108	0	100%	09-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1025
166	RP-1015	Inlet Strainers - Submittals - Weld Map, Procedures	108	0	100%	09-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1025
167	RP-1010	Inlet Strainers - Submittals - GA Drawings	108	0	100%	09-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1025
168	RP-0085A	Inlet Strainers - Fabrication	123	0	100%	16-Apr-21 A	08-Oct-21 A	☐	RP-1025	WTEQ-0085, WTEQ-0060
169	WTEQ-0085	Inlet Strainers - Release for Delivery	0	0	100%	08-Oct-21 A	08-Oct-21 A	☐	RP-0085A	WH-0265
170	WTEQ-0060	Inlet Strainers - Delivery to Site	7	0	100%	29-Oct-21 A	08-Nov-21 A	☐	WTEQ-0055, WTFD-N0035, RP-0085A	WTEQ-135A, WTAG-0005, WTAG-90, CN-0020
171	**Bag Filters**		254	0		06-Nov-20 A	08-Nov-21 A			
172	RP-1050	Bag Filters - Submittals - Reviewed & Approved	109	0	100%	06-Nov-20 A	15-Apr-21 A	☐	RP-1030, RP-1035, RP-1040, RP-1045	WTEQ-140A, WTEQ-140A, WTEQ-110
173	RP-1045	Bag Filters - Submittals - Calculations	109	0	100%	06-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1050
174	RP-1040	Bag Filters - Submittals - Weld Map, Procedures	109	0	100%	06-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1050
175	RP-1035	Bag Filters - Submittals - GA Drawings	109	0	100%	06-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1050
176	RP-1030	Bag Filters - Submittals - Schedule, Catalogs, Other	109	0	100%	06-Nov-20 A	15-Apr-21 A	☐	RP-1000	RP-1050
177	WTEQ-110	Bag Filters - Fabrication	122	0	100%	19-Apr-21 A	08-Oct-21 A	☐	RP-1050	WTEQ-135A
178	WTEQ-135A	Bag Filters - Delivery to Site	7	0	100%	29-Oct-21 A	08-Nov-21 A	☐	WTFD-N130, WTEQ-0060, WTFD-N0035, WTEQ-110	M21, WTAG-0005, CN-0020
179	**Calgon Carbon**		271	0		01-Oct-20 A	26-Oct-21 A			
180	**Ion Exchange**		208	0		05-Jan-21 A	26-Oct-21 A			
181	WTEQ-0090	Ion Exchange - Fabrication	148	0	100%	05-Jan-21 A	02-Aug-21 A	☐	PMOB-0005, PMOB-0010	WTEQ-0065
182	WTEQ-140A	Ion Exchange - Submittals - Reveiwed and Approved	5	0	100%	30-Apr-21 A	06-May-21 A	☐	RP-1050, RP-1050	WTEQ-0065
183	WTEQ-0065	Ion Exchange - Delivery to Site (2 Vessels)	0	0	100%	23-Sep-21 A	23-Sep-21 A	☐	WTFD-N0040, WTEQ-140A, WTEQ-0090	WTEQ-135, WTAG-110
184	WTEQ-135	Ion Exchange - Delivery to Site - Manifold & Pipe Segments	4	0	100%	21-Oct-21 A	26-Oct-21 A	☐	WTEQ-0065	WTAG-30
185	**LPGAC System**		271	0		01-Oct-20 A	26-Oct-21 A			



Remaining LOE | Remaining Work | Milestone
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Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
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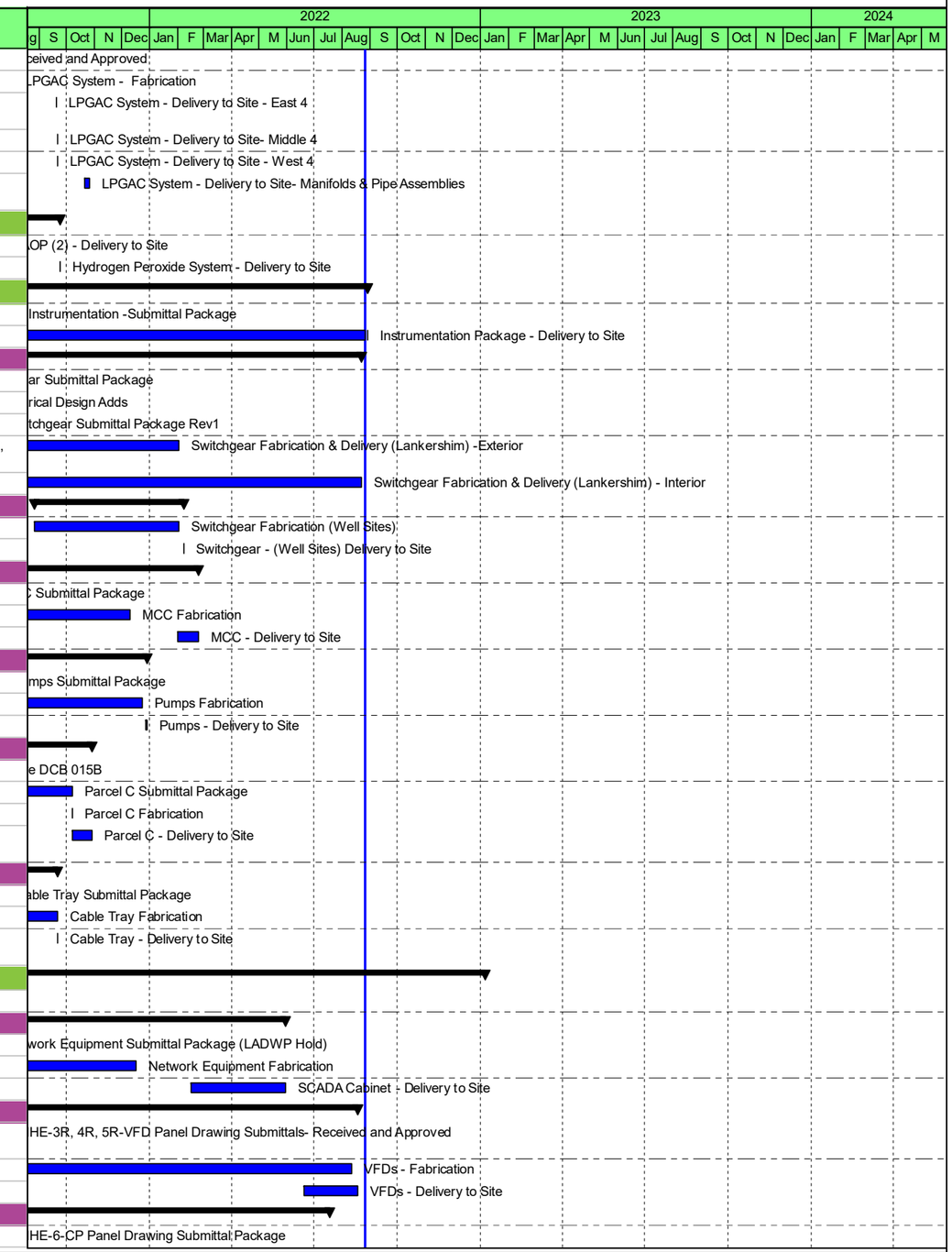
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
186	WTEQ-145A	LPGAC System - Submittals - Received and Approve	63	0	100%	01-Oct-20 A	04-Jan-21 A	☐	M1	WTEQ-120
187	WTEQ-115	LPGAC System - Fabrication	148	0	100%	05-Jan-21 A	02-Aug-21 A	☐	PMOB-0005, PMOB-0010	WTEQ-120
188	WTEQ-120	LPGAC System - Delivery to Site - East 4	0	0	100%	20-Sep-21 A	20-Sep-21 A	☐	WTEQ-145A, WTEQ-115	WTEQ-125, WTAG-115, WTAG-30, CN-0020
189	WTEQ-125	LPGAC System - Delivery to Site- Middle 4	0	0	100%	21-Sep-21 A	21-Sep-21 A	☐	WTEQ-120	WTEQ-130
190	WTEQ-130	LPGAC System - Delivery to Site - West 4	0	0	100%	22-Sep-21 A	22-Sep-21 A	☐	WTFD-S130, WTEQ-125	WTEQ-140
191	WTEQ-140	LPGAC System - Delivery to Site- Manifolds & Pipe Assemblies	4	0	100%	21-Oct-21 A	26-Oct-21 A	☐	WTEQ-130	WTAG-30
192	**Trojan**		49	0		16-Jul-21 A	24-Sep-21 A			
193	WTEQ-0070	AOP (2) - Delivery to Site	11	0	100%	16-Jul-21 A	30-Jul-21 A	☐	EIA-1035, WTFD-N0085	WTEQ-180A, WTEQ-150A
194	WTEQ-150A	Hydrogen Peroxide System - Delivery to Site	0	0	100%	24-Sep-21 A	24-Sep-21 A	☐	WTEQ-0070	WTAG-0005, CN-0020
195	**AIS**		186	0		28-May-21 A	29-Aug-22			
196	A4000	Instrumentation -Submittal Package	5	0	100%	02-Aug-21 A	06-Aug-21 A	☐	A2000	A1535A
197	A1535A	Instrumentation Package - Delivery to Site	123	0	95%	09-Aug-21 A	29-Aug-22	☐	A4000	WTAG-135A
198	**Switchgear (Lankershim)**		169	0		28-May-21 A	23-Aug-22 A			
199	A2000	Switchgear Submittal Package	8	0	100%	28-May-21 A	09-Jun-21 A	☐	M1	A4000, A2060, A4005
200	A4005	Electrical Design Adds	20	0	100%	10-Jun-21 A	07-Jul-21 A	☐	A2000	A2000.1, A2030, A3020
201	A2000.1	Switchgear Submittal Package Rev1	6	0	100%	08-Jul-21 A	15-Jul-21 A	☐	A4005	A2010
202	A2010	Switchgear Fabrication & Delivery (Lankershim) -Exterior	135	0	100%	16-Jul-21 A	03-Feb-22 A	☐	A2000.1	A4580, A4120, WTAG-0030, WTAG-0031
203	A4580	Switchgear Fabrication & Delivery (Lankershim) - Int	135	0	100%	16-Jul-21 A	23-Aug-22 A	☐	A2010	WTAG-0031
204	**Switchgear (Well Sites)**		117	0		27-Aug-21 A	08-Feb-22 A			
205	A4120	Switchgear Fabrication (Well Sites)	116	0	100%	27-Aug-21 A	02-Feb-22 A	☐	A2010	A4110
206	A4110	Switchgear - (Well Sites) Delivery to Site	0	0	100%	08-Feb-22 A	08-Feb-22 A	☐	A4120	WTAG-0030
207	**MCC**		161	0		27-Jun-21 A	24-Feb-22 A			
208	A2030	MCC Submittal Package	9	0	100%	27-Jun-21 A	08-Jul-21 A	☐	A4005	A2040
209	A2040	MCC Fabrication	108	0	100%	09-Jul-21 A	10-Dec-21 A	☐	A2030	A2050
210	A2050	MCC - Delivery to Site	10	0	100%	31-Jan-22 A	24-Feb-22 A	☐	A2040	WH-0185
211	**Transfer Pumps**		167	0		25-Jun-21 A	28-Dec-21 A			
212	A2060	Pumps Submittal Package	18	0	100%	25-Jun-21 A	20-Jul-21 A	☐	A2000	A2070
213	A2070	Pumps Fabrication	144	0	100%	21-Jul-21 A	23-Dec-21 A	☐	A2060	A2080
214	A2080	Pumps - Delivery to Site	5	0	100%	28-Dec-21 A	28-Dec-21 A	☐	WTFD-S0050, A2070	WTAG-0010
215	**Parcel C**		91	0		24-Jun-21 A	29-Oct-21 A			
216	A4010	Receive DCB 015B	1	0	100%	24-Jun-21 A	24-Jun-21 A	☐	M1	CN-20, A3000
217	CN-20	Parcel C Submittal Package	57	0	100%	20-Jul-21 A	08-Oct-21 A	☐	A4010	A3000
218	A3000	Parcel C Fabrication	0	0	100%	08-Oct-21 A	08-Oct-21 A	☐	A4010, CN-20	A3010
219	A3010	Parcel C - Delivery to Site	16	0	100%	08-Oct-21 A	29-Oct-21 A	☐	A3000	WTS-90A, WTS-70A, WTS-0035
220	**Cable Tray**		48	0		16-Jul-21 A	22-Sep-21 A			
221	A3020	Cable Tray Submittal Package	5	0	100%	16-Jul-21 A	22-Jul-21 A	☐	A4005	A3030
222	A3030	Cable Tray Fabrication	42	0	100%	23-Jul-21 A	21-Sep-21 A	☐	A3020	A3040
223	A3040	Cable Tray - Delivery to Site	1	0	100%	22-Sep-21 A	22-Sep-21 A	☐	A3030	WH-470A, WTAG-125A, WTAG-130A
224	**CEC**		551	92		03-Nov-20 A	06-Jan-23			
225	A1010	CEC Contract Award	0	0	100%		03-Nov-20 A	☐	PMOB-0010	A1135
226	**Network Equipment**		376	0		04-Nov-20 A	31-May-22 A			
227	A1135	Network Equipment Submittal Package (LADWP Hc	173	0	100%	04-Nov-20 A	13-Jul-21 A	☐	A1010, A1000	A1520A, A1470
228	A1520A	Network Equipment Fabrication	119	0	100%	01-Jul-21 A	17-Dec-21 A	☐	A1135	WTEQ-0105
229	WTEQ-0105	SCADA Cabinet - Delivery to Site	15	0	100%	16-Feb-22 A	31-May-22 A	☐	A1520A	WTAG-0055
230	**VFD**		280	0		09-Jun-21 A	19-Aug-22 A			
231	A1090	NHE-3R, 4R, 5R-VFD Panel Drawing Submittals-Received and Approved	36	0	100%	09-Jun-21 A	28-Jul-21 A	☐	A1000	A1440, A1440
232	A1440	VFDs - Fabrication	126	0	100%	28-Jul-21 A	11-Aug-22 A	☐	A1090, A1000, A1090	A1525A, WTAG-0050
233	A1525A	VFDs - Delivery to Site	2	0	100%	20-Jun-22 A	19-Aug-22 A	☐	A1440	CN-0020
234	**Well Control Panel**		435	0		04-Nov-20 A	19-Jul-22 A			
235	A1075	NHE-6-CP Panel Drawing Submittal Package	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	A1000	A1060



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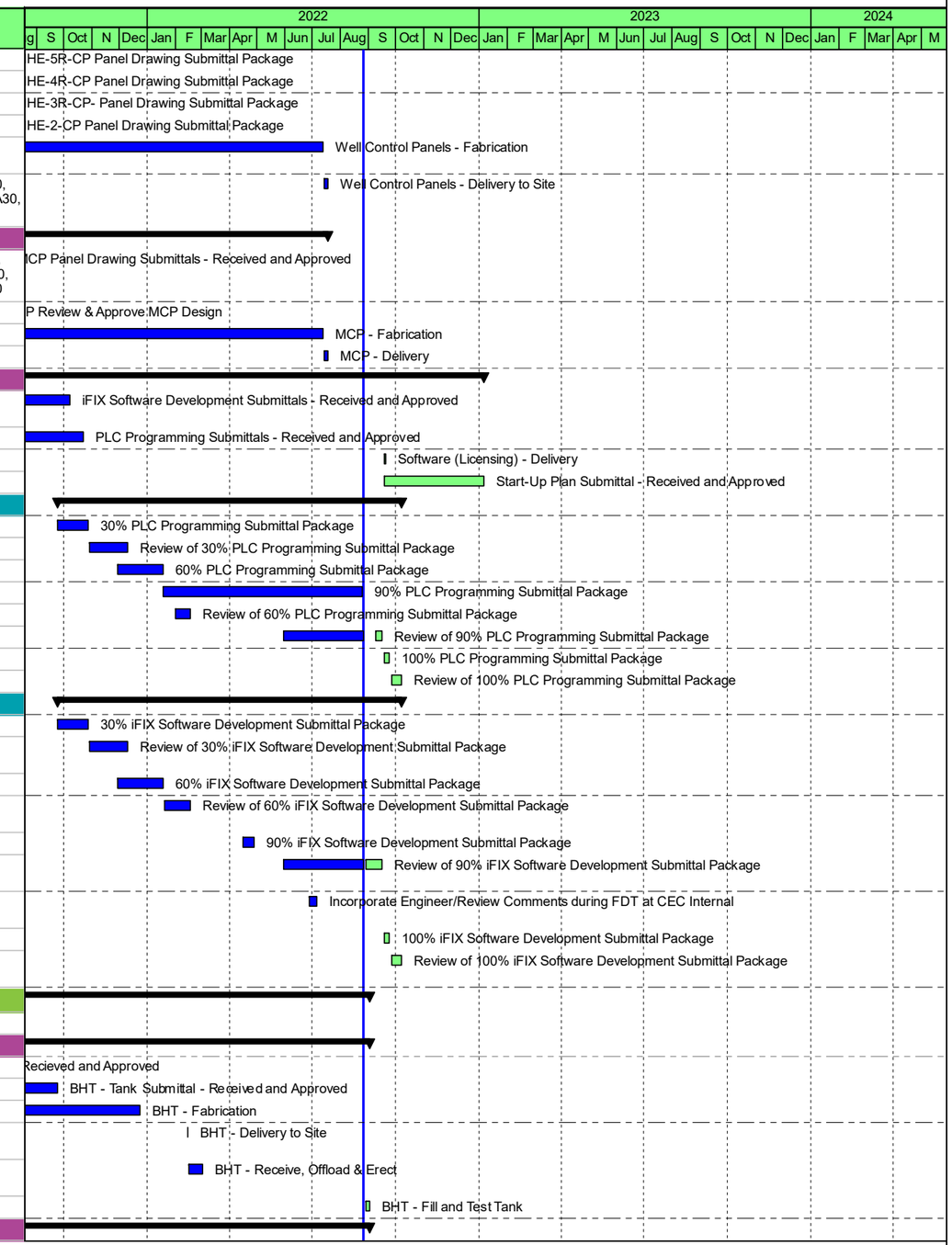
236	A1060	NHE-5R-CP Panel Drawing Submittal Package	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	A1075	A1045
237	A1045	NHE-4R-CP Panel Drawing Submittal Package	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	A1060	A1470
238	A1030	NHE-3R-CP- Panel Drawing Submittal Package	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	A1000	A1470
239	A1015	NHE-2-CP Panel Drawing Submittal Package	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	A1000	A1510A, A1470
240	A1470	Well Control Panels - Fabrication	200	0	100%	15-Jun-21 A	13-Jul-22 A	☐	A1045, A1000, A1015, A1030, A1135	A1530A, WTAG-0050
241	A1530A	Well Control Panels - Delivery to Site	3	0	100%	14-Jul-22 A	19-Jul-22 A	☐	A1470, A4100	GW-SW25A, GW-SW25A10, GW-SW25A20, GW-SW25A30, GW-SW25A40
242	**Main Control Panel**		435	0		04-Nov-20 A	19-Jul-22 A			
243	A1000	MCP Panel Drawing Submittals - Received and Approved	184	0	100%	04-Nov-20 A	28-Jul-21 A	☐	PMOB-0010	A1440, A1005, WTEQ-0100, A1015, A1030, A1075, A1090, A1135, A1150, A1185, A1470
244	A1005	LADWP Review & Approve MCP Design	100	0	100%	03-Feb-21 A	24-Jun-21 A	☐	A1000	WTEQ-0100
245	WTEQ-0100	MCP - Fabrication	145	0	100%	15-Jun-21 A	13-Jul-22 A	☐	A1005, A1000	WTEQ-165A
246	WTEQ-165A	MCP - Delivery	3	0	100%	14-Jul-22 A	19-Jul-22 A	☐	WTEQ-0100, A4100	WTAG-0070
247	**Programming**		551	92		04-Nov-20 A	06-Jan-23			
248	A1185	iFIX Software Development Submittals - Received and Approved	234	0	100%	04-Nov-20 A	08-Oct-21 A	☐	A1000	A1450
249	A1150	PLC Programming Submittals - Received and Appro	245	0	100%	04-Nov-20 A	22-Oct-21 A	☐	A1000	A1450, A1230
250	A1450	Software (Licensing) - Delivery	1	1	0%	19-Sep-22	19-Sep-22	☐	A4055, A1185, A1150	WTAG-0055
251	A1230	Start-Up Plan Submittal - Received and Approved	78	78	0%	19-Sep-22	06-Jan-23	☐	A4055, A1150	EIA-9030
252	**PLC**		264	21		24-Sep-21 A	07-Oct-22			
253	A4025	30% PLC Programming Submittal Package	24	0	100%	24-Sep-21 A	28-Oct-21 A	☐	M1	A4030, A4060
254	A4030	Review of 30% PLC Programming Submittal Packag	28	0	100%	29-Oct-21 A	10-Dec-21 A	☐	A4025	A4040
255	A4040	60% PLC Programming Submittal Package	24	0	100%	29-Nov-21 A	19-Jan-22 A	☐	A4030	A4050, A4075, A4045
256	A4050	90% PLC Programming Submittal Package	12	0	100%	19-Jan-22 A	25-Aug-22 A	☐	A4040	A4055, A4090
257	A4045	Review of 60% PLC Programming Submittal Packag	15	0	100%	31-Jan-22 A	17-Feb-22 A	☐	A4040	A4055
258	A4055	Review of 90% PLC Programming Submittal Packag	15	6	50%	31-May-22 A	16-Sep-22	☐	A4045, A4050	A1450, A1230, A4070
259	A4070	100% PLC Programming Submittal Package	5	5	0%	19-Sep-22	23-Sep-22	☐	A4055	A4085
260	A4085	Review of 100% PLC Programming Submittal Packa	10	10	0%	26-Sep-22	07-Oct-22	☐	A4070	CN-0020
261	**IFix**		264	29		24-Sep-21 A	07-Oct-22			
262	A4060	30% iFIX Software Development Submittal Package	24	0	100%	24-Sep-21 A	28-Oct-21 A	☐	A4025	A4065
263	A4065	Review of 30% iFIX Software Development Submittal Package	29	0	100%	29-Oct-21 A	10-Dec-21 A	☐	A4060	A4075
264	A4075	60% iFIX Software Development Submittal Package	24	0	100%	29-Nov-21 A	19-Jan-22 A	☐	A4065, A4040	A4080
265	A4080	Review of 60% iFIX Software Development Submittal Package	15	0	100%	20-Jan-22 A	17-Feb-22 A	☐	A4075	A4090
266	A4090	90% iFIX Software Development Submittal Package	10	0	100%	17-Apr-22 A	29-Apr-22 A	☐	A4080, A4050	A4095
267	A4095	Review of 90% iFIX Software Development Submittal Package	15	14	50%	31-May-22 A	16-Sep-22	☐	A4090	A4100, A4105
268	A4100	Incorporate Engineer/Review Comments during FDT at CEC Internal	5	0	100%	29-Jun-22 A	06-Jul-22 A	☐	A4095	WTEQ-165A, A1530A
269	A4105	100% iFIX Software Development Submittal Packag	5	5	0%	19-Sep-22	23-Sep-22	☐	A4095	A4115
270	A4115	Review of 100% iFIX Software Development Submittal Package	10	10	0%	26-Sep-22	07-Oct-22	☐	A4105	CN-0020
271	**UIG**		483	5		07-Oct-20 A	02-Sep-22			
272	A1490	Water Holding Tank Contract Award	0	0	100%		07-Oct-20 A	☐	PMOB-0005	A1475, A1480
273	**Backwash Holding Tank (North)**		461	5		09-Nov-20 A	02-Sep-22			
274	A1500	BHT - Foundation Submittal - Recieved and Approv	45	0	100%	09-Nov-20 A	15-Jan-21 A	☐	M2	WTFD-N0070
275	A1510A	BHT - Tank Submittal - Received and Approved	222	0	100%	09-Nov-20 A	24-Sep-21 A	☐	A1015	A1515A, A1495
276	A1495	BHT - Fabrication	271	0	100%	30-Nov-20 A	23-Dec-21 A	☐	PMOB-0005, A1510A	A1505
277	A1505	BHT - Delivery to Site	1	0	100%	15-Feb-22 A	15-Feb-22 A	☐	WTFD-S0025, WTFD-N0070, A1495	WTEQ-0005, M7, CN-0020, A1485
278	WTEQ-0005	BHT - Receive, Offload & Erect	15	0	100%	15-Feb-22 A	02-Mar-22 A	☐	WTFD-N125, WTFD-N0075, WTFD-N0070, A1505, M4	WTAG-220A, WTEQ-160A, WTEQ-0075
279	WTEQ-160A	BHT - Fill and Test Tank	5	5	0%	29-Aug-22*	02-Sep-22	☐	WTS-75, WTEQ-0005	WTEQ-155A, CN-0020
280	**Backwash Supply Tank (South)**		461	5		09-Nov-20 A	02-Sep-22			



Remaining LOE | Remaining Work | ◆ Milestone
Actual Work | Critical Remaining | Summary

Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
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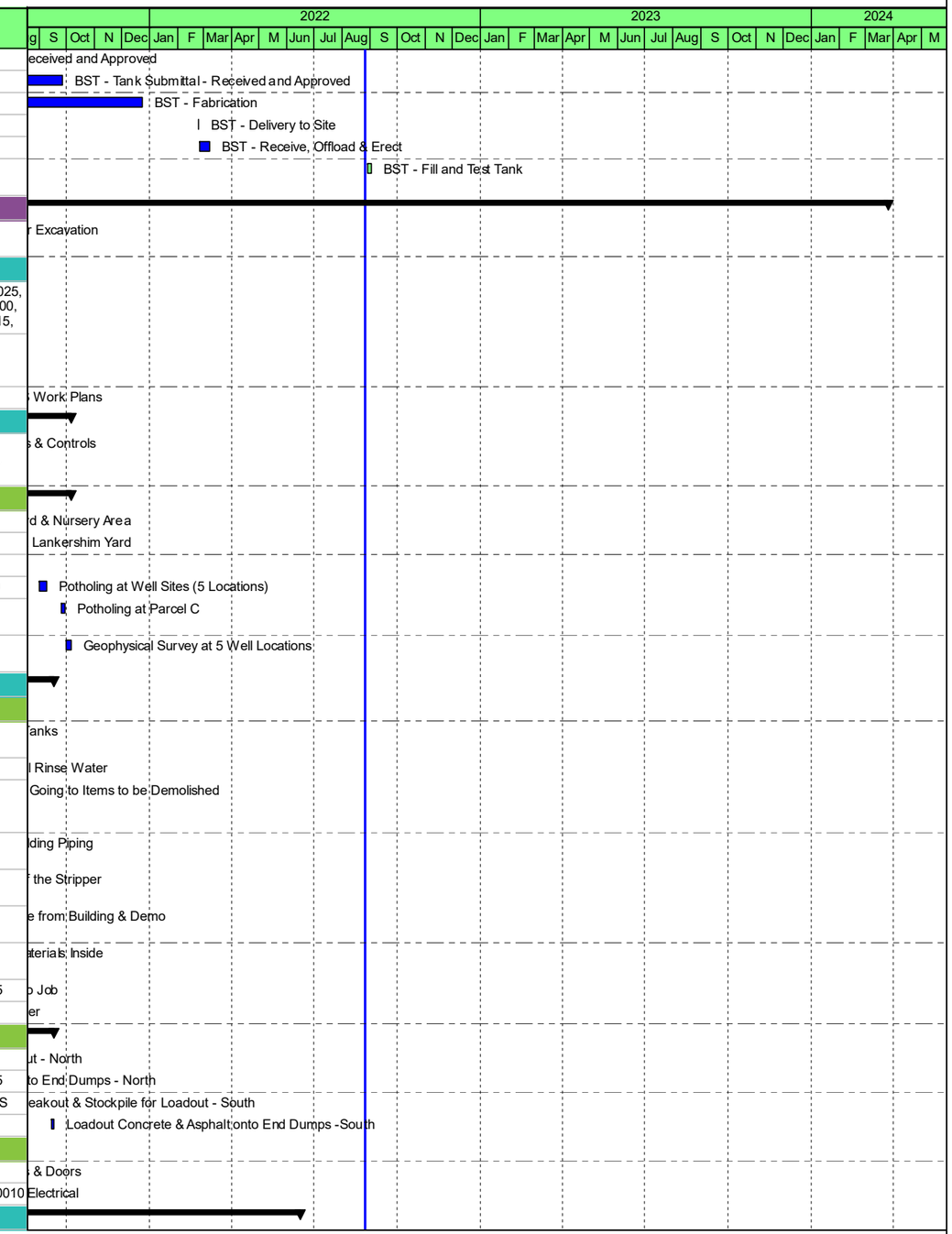
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
281	A1475	BST - Foundation Submittal - Received and Approve	45	0	100%	09-Nov-20 A	15-Jan-21 A	☐	A1490	WTFD-S0025, A1515A
282	A1515A	BST - Tank Submittal - Received and Approved	223	0	100%	09-Nov-20 A	27-Sep-21 A	☐	A1510A, A1475	A1480
283	A1480	BST - Fabrication	271	0	100%	30-Nov-20 A	23-Dec-21 A	☐	A1515A, A1490	A1485
284	A1485	BST - Delivery to Site	0	0	100%	24-Feb-22 A	24-Feb-22 A	☐	WTFD-S55, A1480, A1505	CN-0020
285	WTEQ-0075	BST - Receive, Offload & Erect	10	0	100%	25-Feb-22 A	07-Mar-22 A	☐	WTFD-S0025, WTEQ-0005, M	WTEQ-155A
286	WTEQ-155A	BST - Fill and Test Tank	5	5	0%	29-Aug-22	02-Sep-22	☐	WTS-75, WTEQ-160A, WTEQ-0075	CN-0020
287	**Phase 1B Treatment System Construction**		948	401		01-Jul-20 A	26-Mar-24			
288	CN-0010	Provide Notice to LADWP re-East Neighbor Excavation	1	0	100%	02-Nov-20 A	02-Nov-20 A	☐	MOB-0005	WTUG-S0005
289	**Pre Mobilization**		221	0		28-Aug-20 A	16-Jul-21 A			
290	PMOB-0005	Honeywell Executes Agreement	0	0	100%		28-Aug-20 A	☐	CAR-1010	MOB-0030, M11, M9, CO-0025, A1495, PMOB-0010, RP-1000, WTEQ-0090, M1, WTEQ-115,
291	PMOB-0010	Wood Performs Priority Buyouts	32	0	100%	31-Aug-20 A	14-Oct-20 A	☐	PMOB-0005	A1000, PMOB-0015, WTEQ-115, WTEQ-0090, RP-1000, A1010
292	PMOB-0015	AIS Work Plans	195	0	100%	07-Oct-20 A	16-Jul-21 A	☐	PMOB-0010	WH-435
293	**Mobilization**		230	0		10-Nov-20 A	07-Oct-21 A			
294	MOB-0005	Mobilization, Site Prep, Temp Facilities & Controls	19	0	100%	10-Nov-20 A	08-Dec-20 A	☐	M1, CAR-1005, CAR-1010, DEMO-0075, DEMO-0005, CAR-1025	WTS-0034, MOB-0010, WTEQ-0110, M2, CN-0010, CN-0005, WH-0002,
295	**Utility Investigation/Locate/Protection & Positive Identi**		215	0		03-Dec-20 A	07-Oct-21 A			
296	MOB-0010	Geophysical Survey at Lankershim Yard & Nursery A	1	0	100%	03-Dec-20 A	03-Dec-20 A	☐	M2, MOB-0005	MOB-0015, MOB-0008
297	MOB-0015	Potholing the Identified Utilities at Lankershim Yard	8	0	100%	28-Dec-20 A	07-Jan-21 A	☐	MOB-0010	MOB-0020
298	MOB-0020	Land Survey	2	0	100%	03-Feb-21 A	04-Feb-21 A	☐	MOB-0015, MOB-0008	WTUG-N0011
299	MOB-0035	Potholing at Well Sites (5 Locations)	7	0	100%	01-Sep-21 A	10-Sep-21 A	☐	MOB-0025	GW-SW0025, GW-EQ0010
300	MOB-0030	Potholing at Parcel C	4	0	100%	26-Sep-21 A	30-Sep-21 A	☐	PMOB-0005	MOB-0025, WTS-0035, WTS-0040
301	MOB-0025	Geophysical Survey at 5 Well Locations	5	0	100%	01-Oct-21 A	07-Oct-21 A	☐	MOB-0030	DEMO-0075, DEMO-0005, MOB-0035
302	**Lankershim Yard Selective Demolition**		199	0		04-Dec-20 A	17-Sep-21 A			
303	**Exterior Selective Demolition**		31	0		04-Dec-20 A	20-Jan-21 A			
304	DEMO-0025	Take Apart Piping from Stripper & Tanks	13	0	100%	04-Dec-20 A	22-Dec-20 A	☐	DEMO-0020, DEMO-0015, DEMO-0010, DEMO-0005	DEMO-0030, DEMO-0040
305	DEMO-0020	Vacuum Truck In Place to Retrieve All Rinse Water	1	0	100%	11-Dec-20 A	11-Dec-20 A	☐	DEMO-0015, DEMO-0013	DEMO-0025, DEMO-0035
306	DEMO-0005	Disconnect Local Power & Live Lines Going to Items to be Demolished	1	0	100%	11-Dec-20 A	11-Dec-20 A	☐	MOB-0025	MOB-0005, DEMO-0010, DEMO-0025, DEMO-0035, WTUG-S0115
307	DEMO-0015	Pressure Wash Old Chlorination Building Piping	2	0	100%	16-Dec-20 A	17-Dec-20 A	☐	DEMO-0010	DEMO-0020, DEMO-0025, DEMO-0035
308	DEMO-0010	Pressure Wash All Piping & Tanks of the Stripper	2	0	100%	16-Dec-20 A	17-Dec-20 A	☐	DEMO-0005	DEMO-0015, DEMO-0025, DEMO-0035
309	DEMO-0035	Vacuuming Dust Cyclone & Separate from Building & Demo	12	0	100%	20-Dec-20 A	20-Dec-20 A	☐	DEMO-0005, DEMO-0010, DEMO-0015, DEMO-0020	DEMO-0055
310	DEMO-0030	Demo Chlorination Building & All Materials Inside	1	0	100%	23-Dec-20 A	23-Dec-20 A	☐	DEMO-0025	DEMO-0070, DEMO-0040, WTUG-N0005
311	DEMO-0040	Dispose of All Materials from Demo Job	3	0	100%	29-Dec-20 A	31-Dec-20 A	☐	DEMO-0025, DEMO-0030	DEMO-0045, WTUG-N0005
312	DEMO-0075	LADWP Disconnect Transformer	1	0	100%	20-Jan-21 A	20-Jan-21 A	☐	MOB-0025	MOB-0005, DEMO-0045
313	**Surface & Subsurface Selective Demolition**		174	0		13-Jan-21 A	17-Sep-21 A			
314	DEMO-0045	Breakout & Stockpile for Loadout - North	3	0	100%	13-Jan-21 A	15-Jan-21 A	☐	DEMO-0040, DEMO-0075	DEMO-0050
315	DEMO-0050	Loadout Concrete & Asphalt onto End Dumps - Nortl	1	0	100%	15-Jan-21 A	17-Jan-21 A	☐	DEMO-0045	DEMO-0070, WTUG-N0005
316	DEMO-0045S	Breakout & Stockpile for Loadout - South	5	0	100%	18-Jul-21 A	23-Jul-21 A	☐	WTUG-N0040	DEMO-0050S, DEMO-0050S
317	DEMO-0050S	Loadout Concrete & Asphalt onto End Dumps -South	2	0	100%	15-Sep-21 A	17-Sep-21 A	☐	DEMO-0045S, DEMO-0045S	DEMO-0070S
318	**Warehouse Interior Selective Demolition**		71	0		21-Dec-20 A	01-Apr-21 A			
319	DEMO-0055	All Interior Partitions & Doors	71	0	100%	21-Dec-20 A	01-Apr-21 A	☐	DEMO-0035	DEMO-0060
320	DEMO-0060	All Restrooms, Fixtures & Existing Electrical	2	0	100%	28-Dec-20 A	29-Dec-20 A	☐	DEMO-0055	WH-0185, WH-460A, WH-0010
321	**Water Treatment UG MEP**		334	0		01-Mar-21 A	16-Jun-22 A			



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wood.

HON North Hollywood Operable Unit

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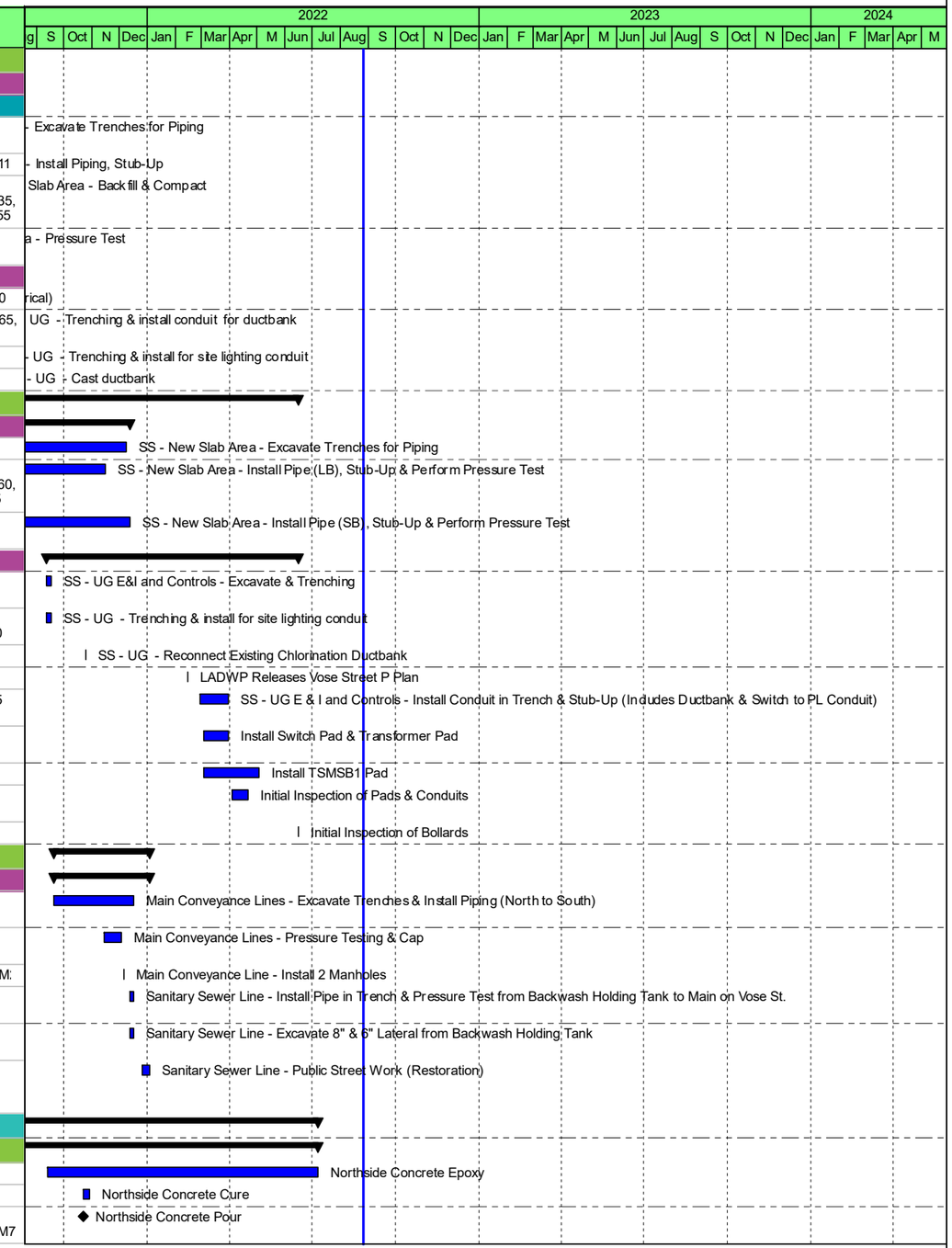
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
322	**North Side**		96	0		01-Mar-21 A	14-Jul-21 A			
323	**UG Plumbing & Mechanical**		64	0		03-Mar-21 A	02-Jun-21 A			
324	**New Slab Area**		64	0		03-Mar-21 A	02-Jun-21 A			
325	WTUG-N0005	NS - New Slab Area - Excavate Trenches for Piping	16	0	100%	03-Mar-21 A	24-Mar-21 A	☐	DEMO-0040, WTUG-N0085, DEMO-0030, DEMO-0050	WTUG-N0010
326	WTUG-N0010	NS - New Slab Area - Install Piping, Stub-Up	13	0	100%	10-Mar-21 A	26-Mar-21 A	☐	WTUG-N0005, WTUG-N0095	WTUG-N0015, WTUG-N0011
327	WTUG-N0015	NS - New Slab Area - Backfill & Compact	46	0	100%	29-Mar-21 A	02-Jun-21 A	☐	WTUG-N0010	A3060, M3, M13, WTUG-N0065, WTUG-N0035, WTFD-N0020, WTUG-N0055
328	WTUG-N0011	NS - New Slab Area - Pressure Test	2	0	100%	05-Apr-21 A	06-Apr-21 A	☐	MOB-0020, WTUG-N0010, CAR-1035	WTUG-S0010
329	**UG Electrical**		96	0		01-Mar-21 A	14-Jul-21 A			
330	WTUG-N0019	Receive DCB-006 (Electrical)	1	0	100%	01-Mar-21 A	01-Mar-21 A	☐	WTUG-N0085	WTUG-N95A, WTUG-N0020
331	WTUG-N0020	NS - UG - Trenching & install conduit for ductbank	3	0	100%	06-Jul-21 A	08-Jul-21 A	☐	CAR-1030, WTUG-N0019	WTUG-N100A, WTUG-N0065, WTUG-N0065
332	WTUG-N95A	NS - UG - Trenching & install for site lighting conduit	3	0	100%	08-Jul-21 A	12-Jul-21 A	☐	WTUG-N0019	WTUG-N100A
333	WTUG-N100A	NS - UG - Cast ductbank	1	0	100%	14-Jul-21 A	14-Jul-21 A	☐	WTUG-N95A, WTUG-N0020	WTUG-S0020
334	**South Side**		240	0		13-Jul-21 A	16-Jun-22 A			
335	**UG Plumbing & Mechanical**		106	0		13-Jul-21 A	13-Dec-21 A			
336	WTUG-S0005	SS - New Slab Area - Excavate Trenches for Piping	104	0	100%	13-Jul-21 A	08-Dec-21 A	☐	WTFD-N0020, CN-0010	WTUG-S0010
337	WTUG-S0010	SS - New Slab Area - Install Pipe (LB), Stub-Up & Perform Pressure Test	86	0	100%	16-Jul-21 A	15-Nov-21 A	☐	WTUG-N0011, WTUG-S0005	WTFD-S65, M23, M5, WTUG-N105A, WTUG-S0060, WTUG-S0020, WTUG-S115
338	WTUG-S115	SS - New Slab Area - Install Pipe (SB), Stub-Up & Perform Pressure Test	87	0	100%	08-Aug-21 A	13-Dec-21 A	☐	WTUG-S0010	WTFD-S85
339	**UG Electrical**		197	0		12-Sep-21 A	16-Jun-22 A			
340	WTUG-S0020	SS - UG E&I and Controls - Excavate & Trenching	5	0	100%	12-Sep-21 A	17-Sep-21 A	☐	WTUG-N100A, WTUG-N105A, WTUG-S0010	WTUG-S0025
341	WTUG-N105A	SS - UG - Trenching & install for site lighting conduit	5	0	100%	12-Sep-21 A	17-Sep-21 A	☐	WTUG-S0010	WTUG-N105A10, WTFD-N135, WTUG-S0020
342	WTUG-N105A1	SS - UG - Reconnect Existing Chlorination Ductbank	1	0	100%	25-Oct-21 A	25-Oct-21 A	☐	WTUG-N105A	WTUG-S120
343	WTUG-S120	LADWP Releases Vose Street P Plan	1	0	100%	15-Feb-22 A	15-Feb-22 A	☐	WTUG-N105A10	WTUG-S0025
344	WTUG-S0025	SS - UG E & I and Controls - Install Conduit in Trench & Stub-Up (Includes Ductbank & Switch to PL	4	0	100%	28-Feb-22 A	31-Mar-22 A	☐	WTUG-S0020, WTUG-S120	WTUG-S125, WTUG-S0085
345	WTUG-S0085	Install Switch Pad & Transformer Pad	3	0	100%	04-Mar-22 A	31-Mar-22 A	☐	WTUG-S0025	WTAG-0030, WTAG-0070, WTAG-0065
346	WTUG-S125	Install TSMSB1 Pad	3	0	100%	04-Mar-22 A	04-May-22 A	☐	WTUG-S0025	WTAG-0065
347	WTAG-0065	Initial Inspection of Pads & Conduits	15	0	100%	04-Apr-22 A	22-Apr-22 A	☐	WTUG-S125, WTFD-S0025, WTUG-S0085	WTAG-0030
348	WTAG-120	Initial Inspection of Bollards	1	0	100%	16-Jun-22 A	16-Jun-22 A	☐	WTFD-S0005	WTAG-0030
349	**Other**		98	0		20-Sep-21 A	03-Jan-22 A			
350	**Main Conveyance Lines**		98	0		20-Sep-21 A	03-Jan-22 A			
351	WTUG-N0035	Main Conveyance Lines - Excavate Trenches & Install Piping (North to South)	63	0	100%	20-Sep-21 A	17-Dec-21 A	☐	WTUG-N0015	WTS-0015
352	WTUG-N0040	Main Conveyance Lines - Pressure Testing & Cap	13	0	100%	14-Nov-21 A	03-Dec-21 A	☐	WTS-0015	DEMO-0045S, WTS-0005, WTS-0050, WTUG-N0060
353	WTS-0015	Main Conveyance Line - Install 2 Manholes	0	0	100%	06-Dec-21 A	06-Dec-21 A	☐	WTUG-N0035	WTUG-N0040, WTS-0050, M:
354	WTS-0010	Sanitary Sewer Line - Install Pipe in Trench & Pressure Test from Backwash Holding Tank to Main	5	0	100%	13-Dec-21 A	17-Dec-21 A	☐	WTS-0005	WTS-0050
355	WTS-0005	Sanitary Sewer Line - Excavate 8" & 6" Lateral from Backwash Holding Tank	5	0	100%	13-Dec-21 A	17-Dec-21 A	☐	WTUG-N0040, WTFD-S0025, CAR-1035	WTS-0020, WTS-0010
356	WTS-0050	Sanitary Sewer Line - Public Street Work (Restoration)	3	0	100%	27-Dec-21 A	03-Jan-22 A	☐	CAR-1060A, CAR-1045A, WTS-0010, WTS-0015, WTUG-N0040, CAR-1055A	WTS-0020, WTS-0060
357	**Foundations**		250	0		16-Feb-21 A	08-Jul-22 A			
358	**North Side**		249	0		16-Feb-21 A	08-Jul-22 A			
359	WTFD-N135	Northside Concrete Epoxy	102	0	100%	14-Sep-21 A	08-Jul-22 A	☐	WTUG-N105A	CN-0020
360	WTFD-N130	Northside Concrete Cure	5	0	100%	22-Oct-21 A	29-Oct-21 A	☐	WTFD-N125	WTEQ-135A
361	WTFD-N125	Northside Concrete Pour	0	0	100%		22-Oct-21 A	☐	WTFD-N0030, WTFD-N125A, WTFD-N130A, WTFD-N0045	WTFD-N130, CN-0020, WTEQ-0005, WTAG-220A, M7



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wood.

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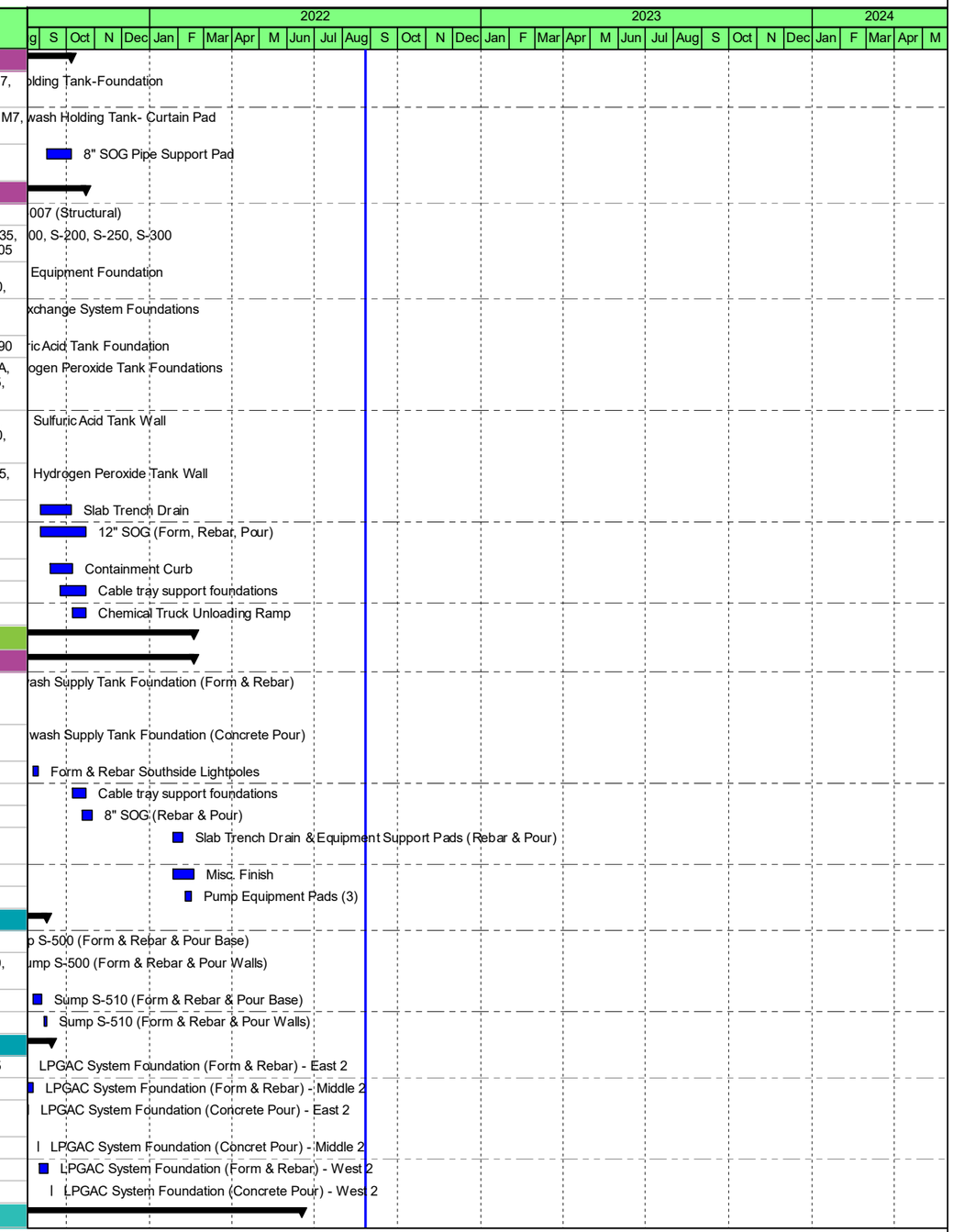
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
362	**Northwest Side**		112	0		03-May-21 A	07-Oct-21 A			
363	WTFD-N0070	Backwash Holding Tank-Foundation	9	0	100%	03-May-21 A	13-May-21 A	☐	A1500	A1505, WTEQ-0005, M4, M7, CN-0020
364	WTFD-N0075	Backwash Holding Tank- Curtain Pad	5	0	100%	27-Jun-21 A	02-Jul-21 A	☐	WTFD-S55	WTFD-N115, WTEQ-0005, M7, CN-0020
365	WTFD-N0055	8" SOG Pipe Support Pad	21	0	100%	09-Sep-21 A	07-Oct-21 A	☐	WTFD-N130A, WTFD-N0045, WTFD-N125A	WTAG-220A
366	**Northeast Side**		176	0		16-Feb-21 A	22-Oct-21 A			
367	WTFD-N104	Issue DCB-007 (Structural)	71	0	100%	16-Feb-21 A	26-May-21 A	☐	M1	WTFD-N105
368	WTFD-N0020	Sumps S-100, S-200, S-250, S-300	22	0	100%	28-Apr-21 A	27-May-21 A	☐	WTUG-N0015	WTUG-N0060, WTFD-N0035, WTFD-N0010, WTUG-S0005
369	WTFD-N0035	Duplex Equipment Foundation	13	0	100%	03-Jun-21 A	21-Jun-21 A	☐	WTFD-N0020	M19, WTEQ-135A, WTEQ-0060, WTFD-N0040,
370	WTFD-N0040	Ion Exchange System Foundations	7	0	100%	24-Jun-21 A	02-Jul-21 A	☐	WTFD-N0035	WTEQ-0065, M15, WTAG-0005, CN-0020
371	WTFD-N0025	Sulfuric Acid Tank Foundation	7	0	100%	24-Jun-21 A	02-Jul-21 A	☐	WTFD-N0035	WTFD-N0045, WTFD-N0090
372	WTFD-N0045	Hydrogen Peroxide Tank Foundations	10	0	100%	24-Jun-21 A	07-Jul-21 A	☐	WTFD-N0025	WTFD-N125, WTFD-N130A, WTFD-N0055, WTAG-0005, CN-0020
373	WTFD-N125A	Sulfuric Acid Tank Wall	23	0	100%	12-Jul-21 A	11-Aug-21 A	☐	WTFD-N130A	WTFD-N125, WTEQ-130A, WTEQ-0055, WTFD-N0060, WTFD-N0055
374	WTFD-N130A	Hydrogen Peroxide Tank Wall	23	0	100%	12-Jul-21 A	11-Aug-21 A	☐	WTFD-N0045	WTFD-N125A, WTFD-N125, WTFD-S75, WTFD-N0055
375	WTFD-N110	Slab Trench Drain	25	0	100%	02-Sep-21 A	07-Oct-21 A	☐	WTFD-N0060	WTFD-N0030, CN-0020
376	WTFD-N0060	12" SOG (Form, Rebar, Pour)	36	0	100%	02-Sep-21 A	22-Oct-21 A	☐	WTFD-N125A	M17, WTEQ-130A, WTEQ-0055, WTFD-N110,
377	WTFD-N115	Containment Curb	17	0	100%	14-Sep-21 A	07-Oct-21 A	☐	WTFD-N0075	WTFD-N145, CN-0020
378	WTFD-N145	Cable tray support foundations	21	0	100%	24-Sep-21 A	22-Oct-21 A	☐	WTFD-N115	WTFD-N150
379	WTFD-N0030	Chemical Truck Unloading Ramp	11	0	100%	08-Oct-21 A	22-Oct-21 A	☐	WTFD-N110	WTFD-N125, M14
380	**South Side**		168	0		14-Jun-21 A	18-Feb-22 A			
381	**Concrete Work**		168	0		14-Jun-21 A	18-Feb-22 A			
382	WTFD-S0025	Backwash Supply Tank Foundation (Form & Rebar)	10	0	100%	14-Jun-21 A	25-Jun-21 A	☐	A1475	WTFD-S60, WTFD-S55, A1505, WTAG-0065, WTEQ-0075, WTEQ-0055,
383	WTFD-S55	Backwash Supply Tank Foundation (Concrete Pour)	1	0	100%	07-Jul-21 A	07-Jul-21 A	☐	WTFD-S0025	WTFD-S135, A1485, WTFD-N0075
384	WTFD-S135	Form & Rebar Southside Lightpoles	3	0	100%	25-Aug-21 A	30-Aug-21 A	☐	WTFD-S55	WTFD-N150
385	WTFD-N150	Cable tray support foundations	11	0	100%	08-Oct-21 A	22-Oct-21 A	☐	WTFD-S135, WTFD-N145	WH-470A
386	WTFD-S75	8" SOG (Rebar & Pour)	10	0	100%	18-Oct-21 A	29-Oct-21 A	☐	WTFD-S70, WTFD-N130A	WTFD-S80, WH-480A
387	WTFD-S0045	Slab Trench Drain & Equipment Support Pads (Rebar & Pour)	17	0	100%	26-Jan-22 A	07-Feb-22 A	☐	WTFD-S65	WTFD-S0050
388	WTFD-S80	Misc. Finish	5	0	100%	26-Jan-22 A	18-Feb-22 A	☐	WTFD-S75	CN-0020
389	WTFD-S0050	Pump Equipment Pads (3)	5	0	100%	09-Feb-22 A	16-Feb-22 A	☐	WTFD-S0045	A2080, WTFD-S0055
390	**Sump**		60	0		18-Jun-21 A	10-Sep-21 A			
391	WTFD-S60	Sump S-500 (Form & Rebar & Pour Base)	13	0	100%	18-Jun-21 A	06-Jul-21 A	☐	WTFD-S0025	WTFD-S65, WTFD-S0020
392	WTFD-S0020	Sump S-500 (Form & Rebar & Pour Walls)	6	0	100%	16-Jul-21 A	23-Jul-21 A	☐	WTFD-S60	WTFD-S110, WTFD-S0010, WTFD-S0055
393	WTFD-S110	Sump S-510 (Form & Rebar & Pour Base)	8	0	100%	25-Aug-21 A	03-Sep-21 A	☐	WTFD-S0020	WTFD-S85
394	WTFD-S85	Sump S-510 (Form & Rebar & Pour Walls)	4	0	100%	06-Sep-21 A	10-Sep-21 A	☐	WTFD-S110, WTUG-S115	WTFD-S130
395	**LPGAC**		31	0		02-Aug-21 A	14-Sep-21 A			
396	WTFD-S65	LPGAC System Foundation (Form & Rebar) - East 2	14	0	100%	02-Aug-21 A	19-Aug-21 A	☐	WTUG-S0010, WTFD-S60	WTFD-S115, WTFD-S0045
397	WTFD-S115	LPGAC System Foundation (Form & Rebar) - Middle	9	0	100%	13-Aug-21 A	25-Aug-21 A	☐	WTFD-S65	WTFD-S70
398	WTFD-S70	LPGAC System Foundation (Concrete Pour) - East 2	1	0	100%	20-Aug-21 A	20-Aug-21 A	☐	WTFD-S115	WTFD-S125, WTFD-S75, WTAG-30, CN-0020
399	WTFD-S125	LPGAC System Foundation (Concret Pour) - Middle	1	0	100%	30-Aug-21 A	30-Aug-21 A	☐	WTFD-S70	WTFD-S120
400	WTFD-S120	LPGAC System Foundation (Form & Rebar) - West	7	0	100%	01-Sep-21 A	10-Sep-21 A	☐	WTFD-S125	WTFD-S130, M24
401	WTFD-S130	LPGAC System Foundation (Concrete Pour) - West	1	0	100%	14-Sep-21 A	14-Sep-21 A	☐	WTFD-S85, WTFD-S120	WTEQ-130
402	**Sewers & Conveyance Lines**		276	0		20-May-21 A	17-Jun-22 A			



Remaining LOE | Remaining Work | Milestone
Actual Work | Critical Remaining | Summary

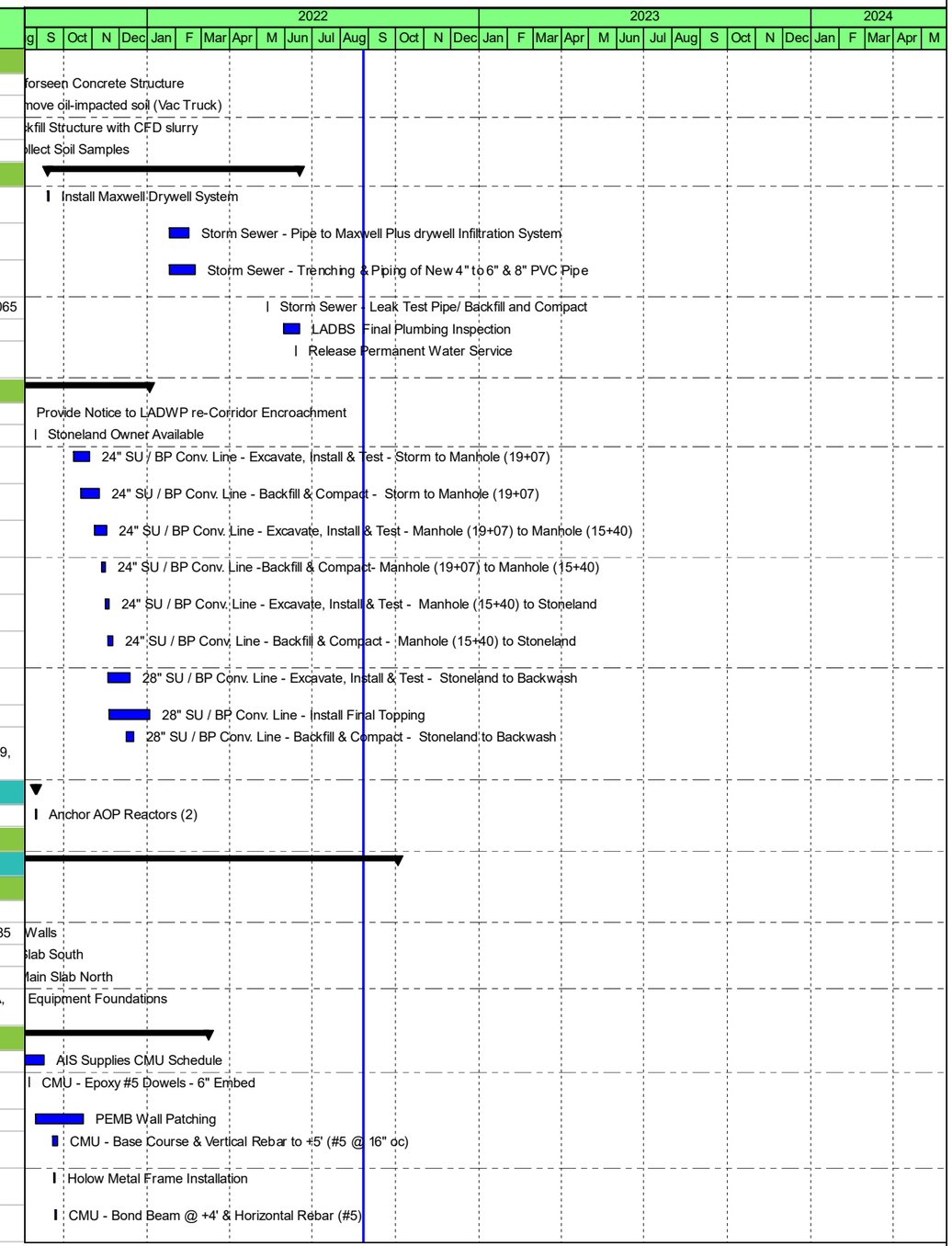
Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
Print: 09-Sep-22

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
403	**Unknown Structure Closure**		43	0		20-May-21 A	20-Jul-21 A			
404	A3060	Delay - Unforseen Concrete Structure	7	0	100%	20-May-21 A	28-May-21 A	☐	WTUG-N0015	A3045
405	A3045	Remove oil-impacted soil (Vac Truck)	1	0	100%	15-Jul-21 A	15-Jul-21 A	☐	A3060	A3050
406	A3050	Backfill Structure with CFD slurry	1	0	100%	15-Jul-21 A	15-Jul-21 A	☐	A3045	A3055
407	A3055	Collect Soil Samples	1	0	100%	20-Jul-21 A	20-Jul-21 A	☐	A3050	WTS-0055
408	**Storm Sewer**		196	0		13-Sep-21 A	17-Jun-22 A			
409	WTS-0055	Install Maxwell Drywell System	3	0	100%	13-Sep-21 A	15-Sep-21 A	☐	A3055	WTS-0025, CN-0020, WTS-0065
410	WTS-0025	Storm Sewer - Pipe to Maxwell Plus drywell Infiltration System	3	0	100%	25-Jan-22 A	16-Feb-22 A	☐	WTS-0055	WTS-0030, SITE-0015
411	WTS-0020	Storm Sewer - Trenching & Piping of New 4" to 6" & 8" PVC Pipe	2	0	100%	25-Jan-22 A	23-Feb-22 A	☐	WTS-0005, WTS-0050	CN-0020
412	WTS-0030	Storm Sewer - Leak Test Pipe/ Backfill and Compact	0	0	100%	13-May-22 A	13-May-22 A	☐	WTS-0025	WTS-70, CN-0020, WTS-0065
413	WTS-70	LADBS Final Plumbing Inspection	15	0	100%	31-May-22 A	17-Jun-22 A	☐	WH-480A, WTS-0030	CN-0020
414	WTS-75	Release Permanent Water Service	1	0	100%	14-Jun-22 A	14-Jun-22 A	☐	EIA1005, EIA1010, EIA1015	WTEQ-155A, WTEQ-160A, WTAG-100
415	**Parcel C**		101	0		12-Aug-21 A	04-Jan-22 A			
416	CN-0005	Provide Notice to LADWP re-Corridor Encroachment	6	0	100%	12-Aug-21 A	19-Aug-21 A	☐	MOB-0005	WTS-0033, WTS-0035
417	WTS-0033	Stoneland Owner Available	1	0	100%	30-Aug-21 A	30-Aug-21 A	☐	CN-0005	WTS-70A
418	WTS-0040	24" SU / BP Conv. Line - Excavate, Install & Test - Storm to Manhole (19+07)	15	0	100%	11-Oct-21 A	29-Oct-21 A	☐	MOB-0030	M20, WTS-90A, WTS-80A
419	WTS-80A	24" SU / BP Conv. Line - Backfill & Compact - Storm to Manhole (19+07)	15	0	100%	20-Oct-21 A	09-Nov-21 A	☐	WTS-0040	WTS-100A, WTS-90A
420	WTS-90A	24" SU / BP Conv. Line - Excavate, Install & Test - Manhole (19+07) to Manhole (15+40)	11	0	100%	03-Nov-21 A	17-Nov-21 A	☐	A3010, WTS-0040, WTS-80A	WTS-100A
421	WTS-100A	24" SU / BP Conv. Line -Backfill & Compact- Manhole (19+07) to Manhole (15+40)	3	0	100%	11-Nov-21 A	15-Nov-21 A	☐	WTS-90A, WTS-80A	WTS-85A, WTS-0035
422	WTS-70A	24" SU / BP Conv. Line - Excavate, Install & Test - Manhole (15+40) to Stoneland	5	0	100%	15-Nov-21 A	19-Nov-21 A	☐	WTS-0033, A3010, WTS-0035	WTS-75A
423	WTS-75A	24" SU / BP Conv. Line - Backfill & Compact - Manhole (15+40) to Stoneland	4	0	100%	18-Nov-21 A	23-Nov-21 A	☐	WTS-70A	WTS-0045
424	WTS-0035	28" SU / BP Conv. Line - Excavate, Install & Test - Stoneland to Backwash	16	0	100%	18-Nov-21 A	13-Dec-21 A	☐	A3010, MOB-0030, CN-0005, WTS-100A	WTS-70A, WTS-0045
425	WTS-85A	28" SU / BP Conv. Line - Install Final Topping	31	0	100%	19-Nov-21 A	04-Jan-22 A	☐	WTS-100A	CN-0020
426	WTS-0045	28" SU / BP Conv. Line - Backfill & Compact - Stoneland to Backwash	7	0	100%	09-Dec-21 A	17-Dec-21 A	☐	WTS-75A, WTS-0035	WTFD-N0110A, M11, CO-0015, M10, CO-0025, M9, AIS-9000, CN-0020,
427	**Water Treatment Equipment**		2	0		30-Aug-21 A	31-Aug-21 A			
428	WTEQ-180A	Anchor AOP Reactors (2)	2	0	100%	30-Aug-21 A	31-Aug-21 A	☐	WTEQ-0070, WTFD-N0085	WTAG-25, CN-0020
429	**Water Holding Tanks**		0	0						
430	**Warehouse Modifications**		367	25		26-Apr-21 A	03-Oct-22			
431	**Foundations**		64	0		30-Apr-21 A	29-Jul-21 A			
432	WTFD-N0110A	Sumps	5	0	100%	30-Apr-21 A	06-May-21 A	☐	WTS-0045	GW-DM20A, WTFD-N110A
433	WTFD-N110A	B Trench Walls	25	0	100%	30-Apr-21 A	04-Jun-21 A	☐	WTFD-N0110A	WTFD-N120A, WTFD-N0085
434	WTFD-N120A	Main Slab South	2	0	100%	24-Jun-21 A	25-Jun-21 A	☐	WTFD-N110A	WH-460A
435	WTFD-N115A	Main Slab North	26	0	100%	24-Jun-21 A	29-Jul-21 A	☐	WTFD-N0085	WTAG-25, CN-0020
436	WTFD-N0085	AOP Equipment Foundations	8	0	100%	27-Jun-21 A	07-Jul-21 A	☐	WTFD-N110A	WTEQ-180A, WTFD-N115A, WTEQ-0070, WTFD-N0090
437	**CMU**		252	0		26-Apr-21 A	10-Mar-22 A			
438	WH-435	AIS Supplies CMU Schedule	98	0	100%	26-Apr-21 A	10-Sep-21 A	☐	PMOB-0015	WH-440, WH-0010
439	WH-0010	CMU - Epoxy #5 Dowels - 6" Embed	1	0	100%	24-Aug-21 A	24-Aug-21 A	☐	WH-440, WH-435, WH-460A, DEMO-0060	WH-0045
440	WH-440	PEMB Wall Patching	39	0	100%	30-Aug-21 A	22-Oct-21 A	☐	WH-435	WH-0010
441	WH-0015	CMU - Base Course & Vertical Rebar to +5' (#5 @ 16" oc)	5	0	100%	19-Sep-21 A	24-Sep-21 A	☐	WH-460A	WH-0045, WH-0045
442	WH-460A	Holow Metal Frame Installation	3	0	100%	20-Sep-21 A	22-Sep-21 A	☐	WTFD-N120A, WH-0002, DEMO-0060	WH-0015, WH-0010
443	WH-0045	CMU - Bond Beam @ +4' & Horizontal Rebar (#5)	2	0	100%	22-Sep-21 A	23-Sep-21 A	☐	WH-0015, WH-0015, WH-0010	WH-0285, WH-0285, WH-0060, WH-0085



Remaining LOE | Remaining Work | Milestone
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Project ID: 6519200010
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wood.

HON North Hollywood Operable Unit

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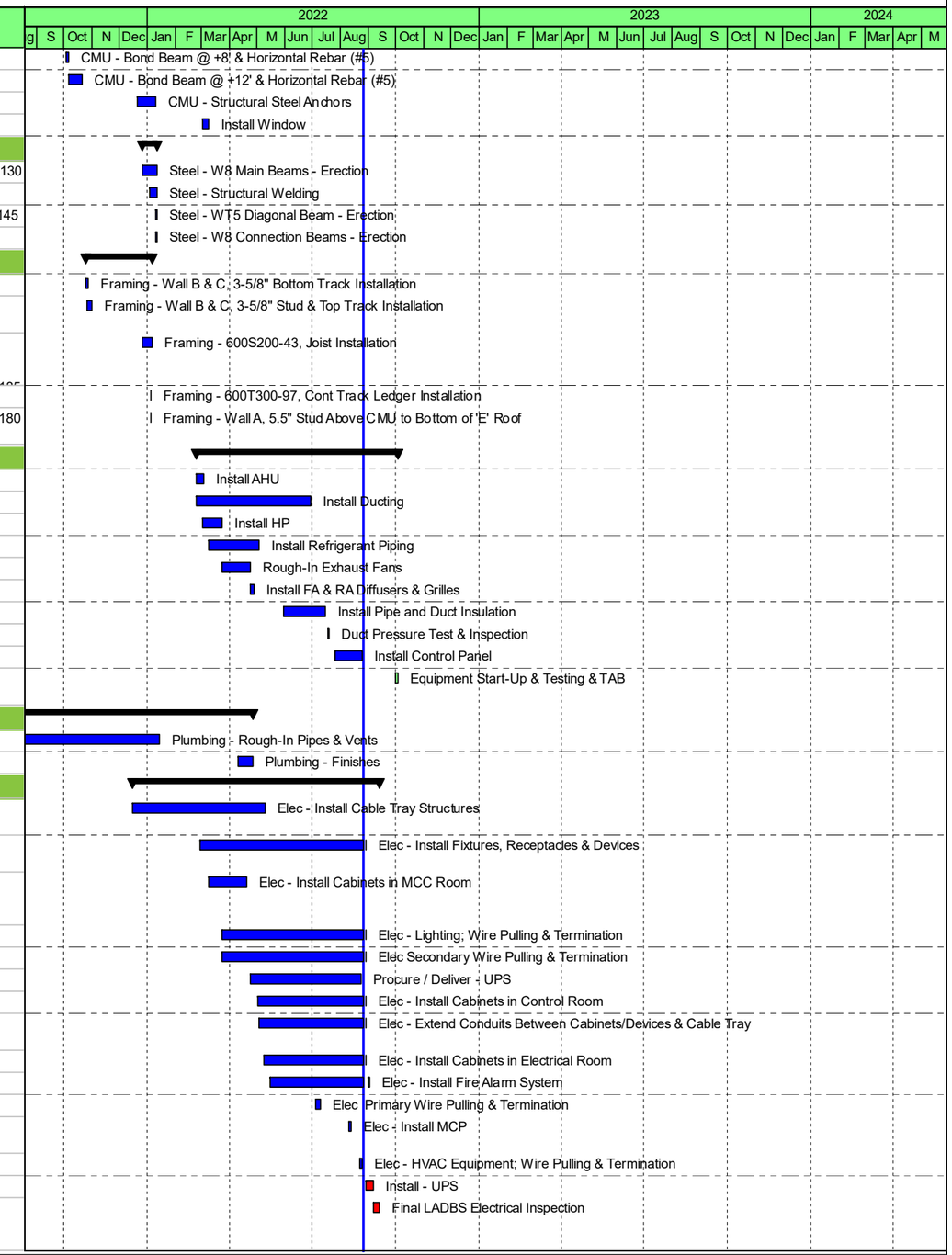
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
444	WH-0060	CMU - Bond Beam @ +8' & Horizontal Rebar (#5)	3	0	100%	04-Oct-21 A	06-Oct-21 A	☐	WH-0045	WH-0085, WH-0285
445	WH-0085	CMU - Bond Beam @ +12' & Horizontal Rebar (#5)	11	0	100%	06-Oct-21 A	20-Oct-21 A	☐	WH-0060, WH-0045	WH-0090
446	WH-0090	CMU - Structural Steel Anchors	18	0	100%	21-Dec-21 A	11-Jan-22 A	☐	WH-0085	WH-0120, WH-0130
447	WH-0385	Install Window	3	0	100%	03-Mar-22 A	10-Mar-22 A	☐	WH-0290	WH-0400
448	**Steel**		22	0		27-Dec-21 A	12-Jan-22 A			
449	WH-0120	Steel - W8 Main Beams - Erection	19	0	100%	27-Dec-21 A	12-Jan-22 A	☐	WH-0090	WH-465A, WH-0125, WH-0130
450	WH-465A	Steel - Structural Welding	8	0	100%	04-Jan-22 A	12-Jan-22 A	☐	WH-0120	WH-0145
451	WH-0130	Steel - WT5 Diagonal Beam - Erection	2	0	100%	10-Jan-22 A	12-Jan-22 A	☐	WH-0090, WH-0120, WH-0125	WH-470A, CN-0020, WH-0145
452	WH-0125	Steel - W8 Connection Beams - Erection	2	0	100%	10-Jan-22 A	12-Jan-22 A	☐	WH-0120	WH-0130
453	**Framing & Wall Openings**		66	0		25-Oct-21 A	06-Jan-22 A			
454	WH-0145	Framing - Wall B & C, 3-5/8" Bottom Track Installatic	4	0	100%	25-Oct-21 A	28-Oct-21 A	☐	WH-465A, WH-0130	WH-0290
455	WH-0150	Framing - Wall B & C, 3-5/8" Stud & Top Track Installation	5	0	100%	26-Oct-21 A	01-Nov-21 A	☐	WH-0290	WH-0310, WH-0180
456	WH-0290	Framing - 600S200-43, Joist Installation	24	0	100%	27-Dec-21 A	06-Jan-22 A	☐	WH-0145	WH-0210, WH-0385, WH-0155, WH-0150, WH-0310, WH-0285,
457	WH-0180	Framing - 600T300-97, Cont Track Ledger Installatic	1	0	100%	05-Jan-22 A	05-Jan-22 A	☐	WH-0150, WH-0155, WH-0155	WH-0235
458	WH-0155	Framing - Wall A, 5.5" Stud Above CMU to Bottom of 'E' Roof	1	0	100%	05-Jan-22 A	05-Jan-22 A	☐	WH-0290	WH-0310, WH-0180, WH-0180
459	**Mechanical**		152	2		23-Feb-22 A	03-Oct-22			
460	WH-0210	Install AHU	5	0	100%	23-Feb-22 A	04-Mar-22 A	☐	WH-0290	WH-0235, WH-0230
461	WH-0230	Install Ducting	5	0	100%	24-Feb-22 A	30-Jun-22 A	☐	WH-0210	WH-0245
462	WH-0200	Install HP	5	0	100%	02-Mar-22 A	25-Mar-22 A	☐	WH-0195	WH-0235
463	WH-0235	Install Refrigerant Piping	5	0	100%	09-Mar-22 A	03-May-22 A	☐	WH-0210, WH-0200, WH-0180	WH-0240, WH-0245
464	WH-0195	Rough-In Exhaust Fans	3	0	100%	25-Mar-22 A	25-Apr-22 A	☐	WH-0290, CAR-1040	WH-0250, WH-0200
465	WH-0250	Install FA & RA Diffusers & Grilles	3	0	100%	25-Apr-22 A	29-Apr-22 A	☐	WH-0195	WH-0260
466	WH-0260	Install Pipe and Duct Insulation	9	0	100%	31-May-22 A	15-Jul-22 A	☐	WH-0250	WH-0265
467	WH-0245	Duct Pressure Test & Inspection	0	0	100%	19-Jul-22 A	19-Jul-22 A	☐	WH-0230, WH-0235	WH-0265
468	WH-0240	Install Control Panel	4	0	100%	27-Jul-22 A	25-Aug-22 A	☐	WH-0235	WH-0365
469	WH-0265	Equipment Start-Up & Testing & TAB	2	2	0%	30-Sep-22	03-Oct-22	☐	WH-0245, WTEQ-0085, WTAG-0085, WH-0260	CN-0020
470	**Plumbing**		205	0		28-Jul-21 A	27-Apr-22 A			
471	WH-0170	Plumbing - Rough-In Pipes & Vents	130	0	100%	28-Jul-21 A	14-Jan-22 A	☐	CAR-1040, WH-0290	WH-0185, WH-0285
472	WH-480A	Plumbing - Finishes	12	0	100%	11-Apr-22 A	27-Apr-22 A	☐	WTFD-S75	WTS-70
473	**Electrical**		189	11		16-Dec-21 A	13-Sep-22			
474	WH-470A	Elec - Install Cable Tray Structures	31	0	100%	16-Dec-21 A	10-May-22 A	☐	WTFD-N150, A3040, WH-0130	WTAG-225A, WTAG-0045, WH-0185, WTAG-0020
475	WH-0430	Elec - Install Fixtures, Receptacles & Devices	10	0	95%	28-Feb-22 A	29-Aug-22	☐	WH-0185	WH-475A, WTAG-225A, WH-0435
476	WH-0185	Elec - Install Cabinets in MCC Room	5	0	100%	09-Mar-22 A	20-Apr-22 A	☐	A2050, WH-0290, WH-0170, DEMO-0060, WH-470A, CAR-1040	WH-0370, WH-0430, WTAG-225A, WH-490A, WH-0320
477	WH-0435	Elec - Lighting; Wire Pulling & Termination	2	0	95%	25-Mar-22 A	29-Aug-22	☐	WH-0430	WTAG-225A, CN-0020
478	WH-450	Elec Secondary Wire Pulling & Termination	5	0	50%	25-Mar-22 A	29-Aug-22	☐		
479	WH-445	Procure / Deliver - UPS	10	0	100%	25-Apr-22 A	24-Aug-22 A	☐		WTAG-225A, WH-465
480	WH-490A	Elec - Install Cabinets in Control Room	5	0	0%	02-May-22 A	29-Aug-22	☐	WH-0185	WTAG-225A, WH-485A
481	WH-0320	Elec - Extend Conduits Between Cabinets/Devices & Cable Tray	8	0	95%	04-May-22 A	29-Aug-22	☐	WH-0185	WTAG-225A
482	WH-485A	Elec - Install Cabinets in Electrical Room	5	1	100%	09-May-22 A	29-Aug-22	☐	WH-490A	WTAG-225A
483	WH-475A	Elec - Install Fire Alarm System	5	1	0%	16-May-22 A	02-Sep-22	☐	WH-0430	WTAG-225A
484	WH-0370	Elec Primary Wire Pulling & Termination	4	0	100%	05-Jul-22 A	11-Jul-22 A	☐	WH-0185	WTAG-225A
485	WTAG-0070	Elec - Install MCP	2	0	100%	10-Aug-22 A	14-Aug-22 A	☐	WTEQ-165A, WTUG-S0085	WH-0365, WTAG-225A, WTAG-0055, CN-0020
486	WH-0365	Elec - HVAC Equipment; Wire Pulling & Termination	3	0	100%	23-Aug-22 A	25-Aug-22 A	☐	WTAG-0070, WH-0240	CN-0020, WTAG-225A
487	WH-465	Install - UPS	6	6	0%	29-Aug-22	06-Sep-22	☑	WH-445	WTAG-225A
488	WTAG-225A	Final LADBS Electrical Inspection	5	5	0%	07-Sep-22	13-Sep-22	☑	WH-445, WTAG-0070, WTAG-0060A, WTAG-0040, WH-490A, WH-485A,	WTAG-0085, CN-0020, WTAG-0080



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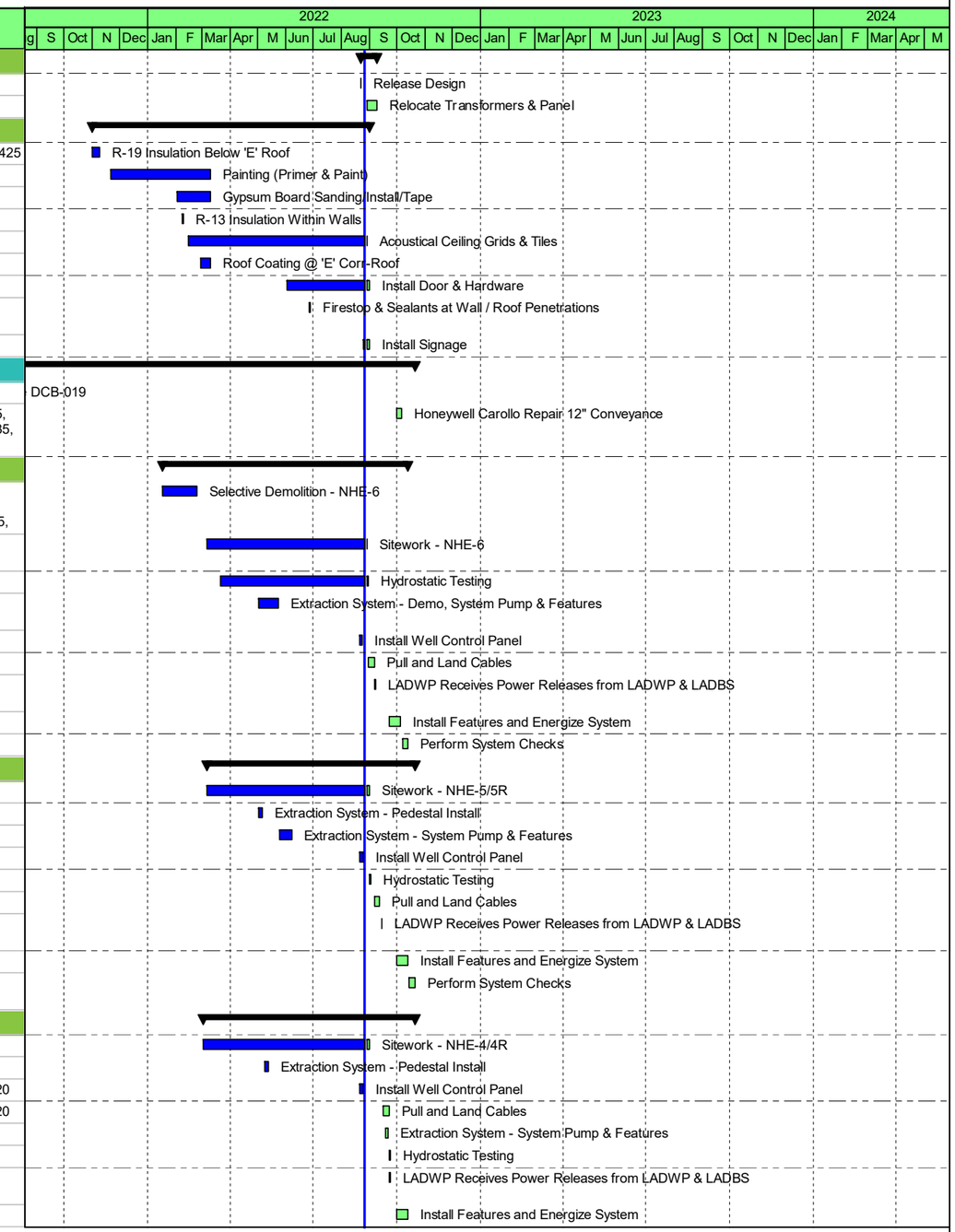
489	**DCB 033**		9	9		23-Aug-22 A	09-Sep-22			
490	WTAG-225A10	Release Design	1	0	100%	23-Aug-22 A	23-Aug-22 A	☐		
491	WTAG-225A20	Relocate Transformers & Panel	9	9	0%	29-Aug-22*	09-Sep-22	☐		
492	**Misc**		214	3		01-Nov-21 A	31-Aug-22			
493	WH-0315	R-19 Insulation Below 'E' Roof	7	0	100%	01-Nov-21 A	09-Nov-21 A	☐	WH-0310	WH-0350, WH-0340, WH-0425
494	WH-0350	Painting (Primer & Paint)	98	0	100%	22-Nov-21 A	10-Mar-22 A	☐	WH-0425, WH-0315	WH-0380, CN-0020
495	WH-0340	Gypsum Board Sanding/Install/Tape	0	0	100%	02-Feb-22 A	10-Mar-22 A	☐	WH-0315	WH-0415, M25
496	WH-0310	R-13 Insulation Within Walls	3	0	100%	07-Feb-22 A	09-Feb-22 A	☐	WH-0150, WH-0155, WH-0290	WH-0315
497	WH-0415	Acoustical Ceiling Grids & Tiles	5	1	95%	14-Feb-22 A	29-Aug-22	☐	WH-0340	GW-SW45
498	WH-0425	Roof Coating @ 'E' Corr-Roof	9	0	100%	28-Feb-22 A	10-Mar-22 A	☐	WH-0315	WH-0350
499	WH-0380	Install Door & Hardware	5	3	50%	03-Jun-22 A	31-Aug-22	☐	WH-0350	CN-0020
500	WH-0285	Firestop & Sealants at Wall / Roof Penetrations	2	0	100%	27-Jun-22 A	28-Jun-22 A	☐	WH-0290, WH-0045, WH-0045, WH-0060,	GW-EQ10A
501	WH-0400	Install Signage	5	3	5%	25-Aug-22 A	31-Aug-22	☐	WH-0385	
502	**Groundwater Extraction System**		345	38		15-Jun-21 A	20-Oct-22			
503	GW-DM20A	Release DCB-019	1	0	100%	15-Jun-21 A	15-Jun-21 A	☐	WTFD-N0110A	GW-DM0010
504	A5180	Honeywell Carollo Repair 12" Conveyance	5	5	0%	30-Sep-22*	06-Oct-22	☐		GW-EQ20A5, GW-EQ20A15, GW-EQ20A25, GW-EQ20A35, GW-EQ20A45
505	**NHE - 6**		185	33		17-Jan-22 A	13-Oct-22			
506	GW-DM0010	Selective Demolition - NHE-6	3	0	100%	17-Jan-22 A	24-Feb-22 A	☐	GW-DM20A, CAR-1055A	GW-SW35, GW-EQ10A, GW-DM50, GW-EX0005, GW-EQ10A10, GW-SW0025,
507	GW-SW0025	Sitework - NHE-6	5	1	90%	07-Mar-22 A	29-Aug-22	☐	MOB-0035, GW-DM0010, GW-DM0020	GW-SW25, GW-HT0005, GW-SW25A
508	GW-HT0005	Hydrostatic Testing	2	2	0%	21-Mar-22 A	30-Aug-22	☐	GW-SW0025	CN-0020
509	GW-EQ0010	Extraction System - Demo, System Pump & Features	6	0	100%	02-May-22 A	24-May-22 A	☐	MOB-0035, GW-DM0010, GW-DM0020	GW-EQ20, M18, GW-EQ70
510	GW-SW25A	Install Well Control Panel	3	0	100%	22-Aug-22 A	24-Aug-22 A	☐	A1530A, GW-SW0025	GW-EQ10A, GW-EQ15A
511	GW-EQ15A	Pull and Land Cables	5	5	0%	30-Aug-22	06-Sep-22	☐	GW-SW25A	GW-EQ10A
512	GW-EQ10A	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	07-Sep-22	07-Sep-22	☐	WH-0285, GW-SW25A, GW-DM0010, GW-EQ15A	WTAG-175A, GW-EQ20A
513	GW-EQ20A	Install Features and Energize System	10	10	0%	22-Sep-22	05-Oct-22	☐	GW-EQ10A	CN-0020, GW-EQ20A5
514	GW-EQ20A5	Perform System Checks	5	5	0%	07-Oct-22	13-Oct-22	☐	GW-EQ20A, A5180	GW-EQ20A15
515	**NHE - 5/5R**		134	38		07-Mar-22 A	20-Oct-22			
516	GW-SW25	Sitework - NHE-5/5R	10	3	90%	07-Mar-22 A	31-Aug-22	☐	GW-SW0025	GW-HT5, GW-SW25A10
517	GW-EQ20	Extraction System - Pedestal Install	5	0	100%	02-May-22 A	06-May-22 A	☐	GW-EQ0010	GW-EQ10, GW-EQ40
518	GW-EQ10	Extraction System - System Pump & Features	6	0	100%	25-May-22 A	07-Jun-22 A	☐	GW-EQ20	GW-EQ15A10, GW-HT5
519	GW-SW25A10	Install Well Control Panel	3	0	100%	22-Aug-22 A	25-Aug-22 A	☐	GW-HT5, A1530A, GW-SW25	GW-EQ15A10
520	GW-HT5	Hydrostatic Testing	2	2	0%	01-Sep-22	02-Sep-22	☐	GW-SW25, GW-EQ10	GW-SW25A10
521	GW-EQ15A10	Pull and Land Cables	5	5	0%	06-Sep-22	12-Sep-22	☐	GW-EQ10, GW-SW25A10	GW-EQ10A10
522	GW-EQ10A10	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	14-Sep-22	14-Sep-22	☐	GW-DM0010, GW-EQ15A10	GW-EQ20A10
523	GW-EQ20A10	Install Features and Energize System	10	10	0%	30-Sep-22	13-Oct-22	☐	GW-EQ10A10, A5145	GW-EQ20A15
524	GW-EQ20A15	Perform System Checks	5	5	0%	14-Oct-22	20-Oct-22	☐	GW-EQ20A5, GW-EQ20A10, A5180	GW-EQ20A25
525	**NHE - 4/4R**		129	38		03-Mar-22 A	20-Oct-22			
526	GW-SW35	Sitework - NHE-4/4R	10	3	90%	03-Mar-22 A	31-Aug-22	☐	GW-DM0010	GW-HT15, GW-SW25A20
527	GW-EQ40	Extraction System - Pedestal Install	5	0	100%	09-May-22 A	13-May-22 A	☐	GW-EQ20	GW-EQ30, GW-EQ60
528	GW-SW25A20	Install Well Control Panel	3	0	100%	22-Aug-22 A	25-Aug-22 A	☐	GW-SW35, A1530A	GW-EQ10A20, GW-EQ15A20
529	GW-EQ15A20	Pull and Land Cables	5	5	0%	16-Sep-22	22-Sep-22	☐	GW-EQ30, GW-SW25A20	GW-EQ20A20, GW-EQ10A20
530	GW-EQ30	Extraction System - System Pump & Features	3	3	0%	19-Sep-22*	21-Sep-22	☐	GW-EQ40	GW-EQ15A20, GW-HT15
531	GW-HT15	Hydrostatic Testing	2	2	0%	22-Sep-22	23-Sep-22	☐	GW-SW35, GW-EQ30	
532	GW-EQ10A20	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	23-Sep-22	23-Sep-22	☐	GW-SW25A20, GW-EQ15A20	GW-EQ20A20
533	GW-EQ20A20	Install Features and Energize System	10	10	0%	30-Sep-22	13-Oct-22	☐	GW-EQ10A20, GW-EQ15A20	GW-EQ20A25



Remaining LOE | Remaining Work | ◆ Milestone
Actual Work | Critical Remaining | Summary

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wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
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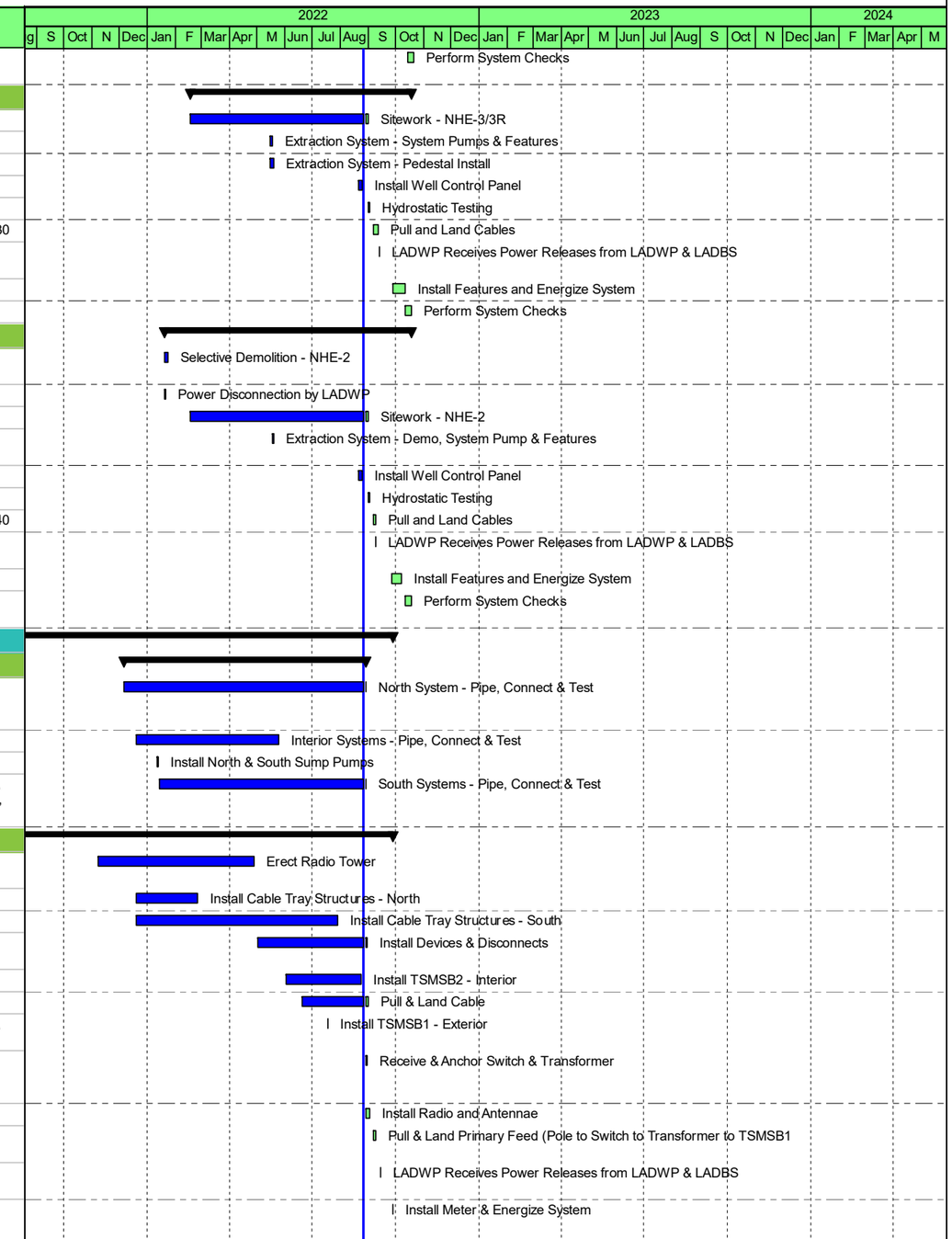
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
534	GW-EQ20A25	Perform System Checks	5	5	0%	14-Oct-22	20-Oct-22	☐	GW-EQ20A15, GW-EQ20A20, A5180	
535	**NHE - 3/3R**		117	36		17-Feb-22 A	18-Oct-22			
536	GW-SW45	Sitework - NHE-3/3R	10	3	90%	17-Feb-22 A	31-Aug-22	☐	WH-0415	GW-HT25, GW-SW25A30
537	GW-EQ50	Extraction System - System Pumps & Features	6	0	100%	16-May-22 A	18-May-22 A	☐	GW-EQ60	GW-HT25
538	GW-EQ60	Extraction System - Pedestal Install	5	0	100%	16-May-22 A	20-May-22 A	☐	GW-EQ40	GW-EQ50
539	GW-SW25A30	Install Well Control Panel	3	0	100%	22-Aug-22 A	25-Aug-22 A	☐	GW-HT25, GW-SW45, A1530	GW-EQ15A30
540	GW-HT25	Hydrostatic Testing	2	2	0%	01-Sep-22	02-Sep-22	☐	GW-SW45, GW-EQ50	GW-SW25A30
541	GW-EQ15A30	Pull and Land Cables	5	5	0%	06-Sep-22	12-Sep-22	☐	GW-SW25A30	GW-EQ20A30, GW-EQ10A30
542	GW-EQ10A30	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	13-Sep-22	13-Sep-22	☐	GW-EQ15A30	GW-EQ20A30
543	GW-EQ20A30	Install Features and Energize System	10	10	0%	28-Sep-22	11-Oct-22	☐	GW-EQ10A30, GW-EQ15A30	GW-EQ20A35
544	GW-EQ20A35	Perform System Checks	5	5	0%	12-Oct-22	18-Oct-22	☐	GW-EQ20A30, A5180	GW-EQ20A45
545	**NHE - 2**		185	36		20-Jan-22 A	18-Oct-22			
546	GW-DM50	Selective Demolition - NHE-2	3	0	100%	20-Jan-22 A	24-Jan-22 A	☐	GW-DM0010	GW-DM55, GW-SW55, GW-EQ70
547	GW-DM55	Power Disconnection by LADWP	1	0	100%	20-Jan-22 A	20-Jan-22 A	☐	GW-DM50	GW-EQ70
548	GW-SW55	Sitework - NHE-2	10	3	90%	17-Feb-22 A	31-Aug-22	☐	GW-DM50	GW-HT35, GW-SW25A40
549	GW-EQ70	Extraction System - Demo, System Pump & Features	6	0	100%	19-May-22 A	20-May-22 A	☐	GW-DM55, GW-DM50, GW-EQ0010	GW-HT35
550	GW-SW25A40	Install Well Control Panel	3	0	100%	22-Aug-22 A	25-Aug-22 A	☐	GW-HT35, GW-SW55, A1530	GW-EQ15A40
551	GW-HT35	Hydrostatic Testing	2	2	0%	01-Sep-22	02-Sep-22	☐	GW-SW55, GW-EQ70	GW-SW25A40
552	GW-EQ15A40	Pull and Land Cables	4	4	0%	06-Sep-22	09-Sep-22	☐	GW-SW25A40	GW-EQ20A40, GW-EQ10A40
553	GW-EQ10A40	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	09-Sep-22	09-Sep-22	☐	GW-EQ15A40	GW-EQ20A40
554	GW-EQ20A40	Install Features and Energize System	10	10	0%	26-Sep-22	07-Oct-22	☐	GW-EQ10A40, GW-EQ15A40	GW-EQ20A45
555	GW-EQ20A45	Perform System Checks	5	5	0%	12-Oct-22	18-Oct-22	☐	GW-EQ20A35, GW-EQ20A40, A5180	CN-0020
556	**Water Treatment AG MEP**		443	22		04-Jan-21 A	28-Sep-22			
557	**Plumbing & Mechanical Work**		93	0		06-Dec-21 A	29-Aug-22			
558	WTAG-0005	North System - Pipe, Connect & Test	47	0	95%	06-Dec-21 A	29-Aug-22	☐	WTEQ-130A, WTFD-N0040, WTEQ-0060, WTEQ-135A, WTFD-N0045, WTEQ-150A	SITE-0010, WTAG-0030, WTAG-95, WTFD-N135A
559	WTAG-25	Interior Systems - Pipe, Connect & Test	31	0	100%	20-Dec-21 A	25-May-22 A	☐	WTEQ-180A, WTFD-N115A	WTAG-30
560	WTAG-0010	Install North & South Sump Pumps	6	0	100%	11-Jan-22 A	13-Jan-22 A	☐	A2080	WTAG-175A
561	WTAG-30	South Systems - Pipe, Connect & Test	65	0	95%	14-Jan-22 A	29-Aug-22	☐	WTEQ-135, WTAG-25, WTFD-S70, WTEQ-120, WTEQ-140	WTAG-200A, WTAG-0060A, WTFD-S0010, WTAG-130A, WTAG-100, CN-0020,
562	**Electrical Work**		443	22		04-Jan-21 A	28-Sep-22			
563	WTAG-220A	Erect Radio Tower	53	0	100%	08-Nov-21 A	29-Apr-22 A	☐	WTFD-N125, WTFD-N0065, WTFD-N0055, WTEQ-0005	WTAG-0020
564	WTAG-125A	Install Cable Tray Structures - North	12	0	100%	20-Dec-21 A	25-Feb-22 A	☐	A3040	WTAG-0020
565	WTAG-130A	Install Cable Tray Structures - South	38	0	100%	20-Dec-21 A	29-Jul-22 A	☐	WTAG-30, A3040	WTAG-0040, WTAG-0020
566	WTAG-0060A	Install Devices & Disconnects	10	2	0%	02-May-22 A	30-Aug-22	☐	WTAG-30	WTAG-0090, WTAG-120A, WTAG-0040, WTAG-225A
567	WTAG-0031	Install TSMSB2 - Interior	5	0	100%	02-Jun-22 A	24-Aug-22 A	☐	A4580, A2010	WTAG-0035, WTAG-225A
568	WTAG-0040	Pull & Land Cable	10	4	60%	20-Jun-22 A	01-Sep-22	☐	WTAG-0060A, WTAG-130A	WTAG-225A
569	WTAG-120A	Install TSMSB1 - Exterior	1	0	100%	18-Jul-22 A	18-Jul-22 A	☐	WTAG-0060A	WTAG-220A5, WTAG-170A, WTAG-225A
570	WTAG-0030	Receive & Anchor Switch & Transformer	2	2	0%	29-Aug-22	30-Aug-22	☐	WTAG-120, WTAG-0065, WTAG-0005, WTUG-S0085, A4110, A2010	WTAG-0035
571	WTAG-220A5	Install Radio and Antennae	5	5	0%	29-Aug-22	02-Sep-22	☐	WTAG-120A	WTAG-0035
572	WTAG-0035	Pull & Land Primary Feed (Pole to Switch to Transformer to TSMSB1	4	4	0%	06-Sep-22	09-Sep-22	☐	WTAG-220A5, WTAG-0030, WTAG-0031	WTAG-0085
573	WTAG-0080	LADWP Receives Power Releases from LADWP & LADBS	1	1	0%	14-Sep-22	14-Sep-22	☑	WTAG-225A	WTAG-0085, CN-0020
574	WTAG-0085	Install Meter & Energize System	1	1	0%	28-Sep-22	28-Sep-22	☑	WTAG-0080, WTAG-225A, WTAG-0035	WH-0265, WTAG-205A, WTAG-190A, WTAG-185A, WTAG-180A, WTAG-175A,



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HON North Hollywood Operable Unit

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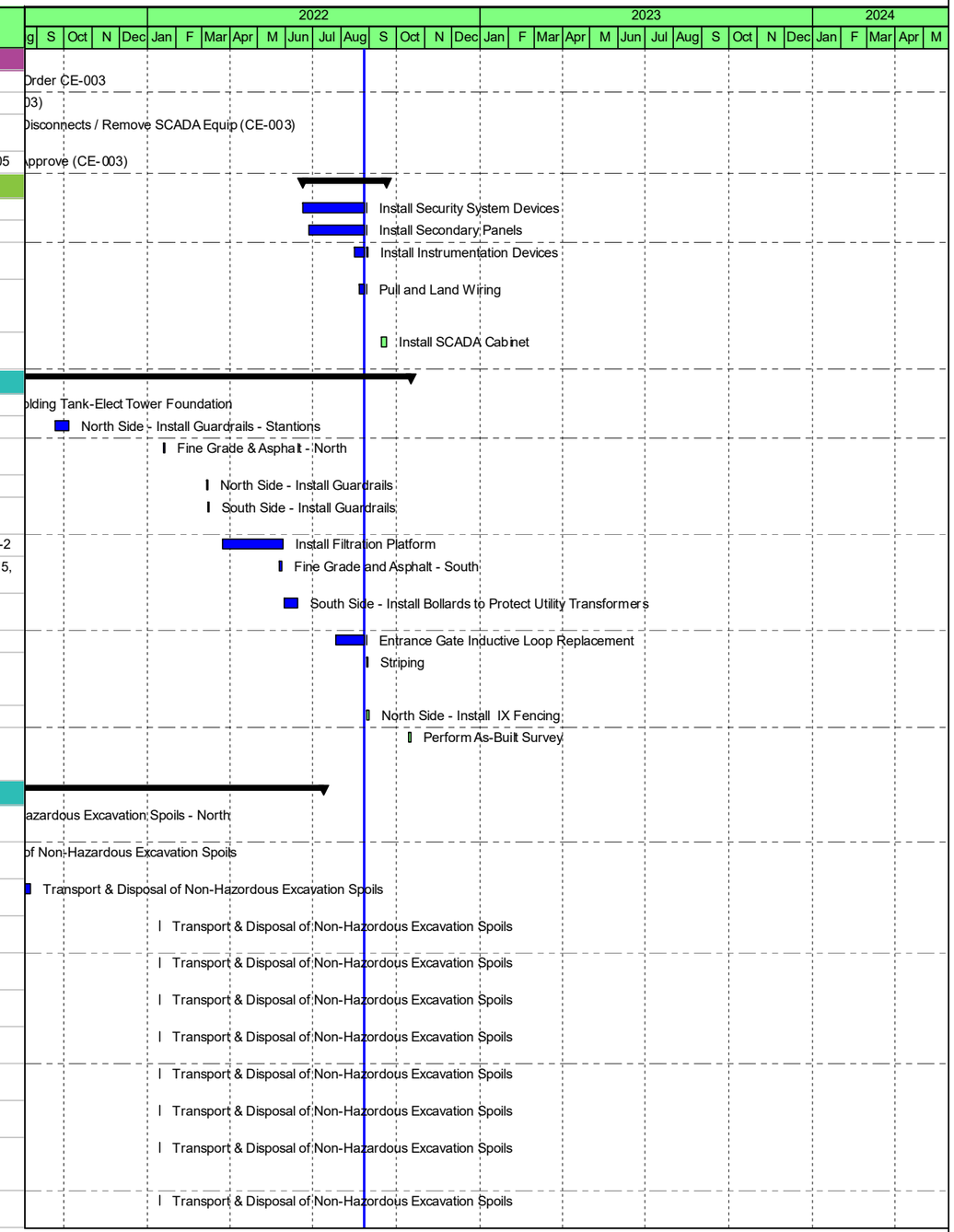
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
575	**CE-003**		78	0		04-Jan-21 A	22-Apr-21 A			
576	WTUG-S0115	Develop & Submit Change Order CE-003	27	0	100%	04-Jan-21 A	09-Feb-21 A	☐	DEMO-0005	WTUG-S0100
577	WTUG-S0105	Install Light Poles (CE-003)	1	0	100%	03-Mar-21 A	03-Mar-21 A	☐	WTUG-S0100	WTUG-S0110
578	WTUG-S0110	Relocate Fiber Optic & Disconnects / Remove SCADA Equip (CE-003)	5	0	100%	06-Mar-21 A	06-Mar-21 A	☐	WTUG-S0105	WTAG-135A
579	WTUG-S0100	HON Review & Approve (CE-003)	15	0	100%	01-Apr-21 A	22-Apr-21 A	☐	MOB-0005, WTUG-S0115	WTFD-N0065, WTUG-S0105
580	**Instrumentation Work**		45	15		20-Jun-22 A	19-Sep-22			
581	WTAG-0090	Install Security System Devices	26	1	30%	20-Jun-22 A	29-Aug-22	☐	WTAG-0060A	WTAG-140A, CN-0020
582	WTAG-0050	Install Secondary Panels	3	1	95%	27-Jun-22 A	29-Aug-22	☐	A1470, A1440	CN-0020
583	WTAG-135A	Install Instrumentation Devices	10	2	0%	16-Aug-22 A	30-Aug-22	☐	WTAG-0020, WTUG-S0110, A1535A	WTAG-185A
584	WTAG-0020	Pull and Land Wiring	10	0	50%	22-Aug-22 A	29-Aug-22	☐	WTAG-220A, WTAG-130A, WTAG-125A, WH-470A	WTAG-135A, WTAG-165A, WTAG-150A, WTAG-145A, CN-0020
585	WTAG-0055	Install SCADA Cabinet	3	3	0%	15-Sep-22	19-Sep-22	☐	WTAG-0070, WTEQ-0105, A1450	WTAG-155A, CN-0020, AIS-9000
586	**Site Features & Topping**		372	35		03-May-21 A	17-Oct-22			
587	WTFD-N0065	Backwash Holding Tank-Elect Tower Foundation	9	0	100%	03-May-21 A	13-May-21 A	☐	WTUG-S0100	WTAG-220A, M7, CN-0020
588	WTFD-N0010	North Side - Install Guardrails - Stantions	12	0	100%	22-Sep-21 A	07-Oct-21 A	☐	WTFD-N0020	WTFD-N135A, SITE-0010
589	SITE-0010	Fine Grade & Asphalt - North	4	0	100%	19-Jan-22 A	19-Jan-22 A	☐	WTFD-N0010, WTAG-0005	WTFD-N140, SITE-20A, SITE-0015
590	WTFD-N140	North Side - Install Guardrails	3	0	100%	07-Mar-22 A	08-Mar-22 A	☐	SITE-0010	WTFD-S0010
591	WTFD-S0010	South Side - Install Guardrails	3	0	100%	08-Mar-22 A	09-Mar-22 A	☐	WTFD-N140, WTAG-30, WTFD-S0020	SITE-0020, CN-0020
592	WTFD-N135A	Install Filtration Platform	3	0	100%	25-Mar-22 A	30-May-22 A	☐	WTFD-N0010, WTAG-0005	SITE-25A, SITE-0020, SITE-2
593	SITE-25A	Fine Grade and Asphalt - South	4	0	100%	25-May-22 A	27-May-22 A	☐	WTFD-N135A	WTFD-S0005, WTFD-N0015, SITE-20A
594	WTFD-S0005	South Side - Install Bollards to Protect Utility Transformers	10	0	100%	31-May-22 A	15-Jun-22 A	☐	SITE-25A	WTAG-120, SITE-20A
595	SITE-0015	Entrance Gate Inductive Loop Replacement	3	1	80%	27-Jul-22 A	29-Aug-22	☐	SITE-0010, WTS-0025	SITE-20A, SITE-0020
596	SITE-20A	Striping	2	2	0%	29-Aug-22	30-Aug-22	☐	SITE-0015, WTFD-S0005, SITE-25A, SITE-0010, WTFD-N135A	WTFD-N0015, WTS-0070
597	WTFD-N0015	North Side - Install IX Fencing	3	3	0%	29-Aug-22	31-Aug-22	☐	SITE-20A, SITE-25A	SITE-0020
598	SITE-0020	Perform As-Built Survey	2	2	0%	14-Oct-22	17-Oct-22	☐	CN-0020, WTFD-S0010, SITE-0015, WTFD-N135A, WTFD-N0015	
599	**Transport & Disposal of Non-Hazardous Spoils**		378	0		18-Jan-21 A	12-Jul-22 A			
600	DEMO-0070	Transport & Disposal of Non-Hazardous Excavation Spoils - North	3	0	100%	18-Jan-21 A	20-Jan-21 A	☐	DEMO-0050, DEMO-0030	WTUG-N0055
601	WTUG-N0055	Transport & Disposal of Non-Hazardous Excavation Spoils	1	0	100%	18-Mar-21 A	18-Mar-21 A	☐	M13, WTUG-N0015, DEMO-0070	WTUG-N0060
602	WTFD-N0090	Transport & Disposal of Non-Hazordous Excavation Spoils	54	0	100%	14-Jun-21 A	26-Aug-21 A	☐	WTFD-N0085, WTFD-N0025	WTFD-S0055
603	GW-EX0005	Transport & Disposal of Non-Hazordous Excavation Spoils	45	0	100%	14-Jan-22 A	14-Jan-22 A	☐	GW-DM0010, GW-DM0020	CN-0020
604	WTFD-S0055	Transport & Disposal of Non-Hazordous Excavation Spoils	26	0	100%	14-Jan-22 A	14-Jan-22 A	☐	WTFD-S0050, WTFD-N0090, WTFD-S0020, WTUG-S0080	WTS-0060
605	WTUG-S0080	Transport & Disposal of Non-Hazordous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	WTUG-S0070	WTFD-S0055
606	WTUG-S0070	Transport & Disposal of Non-Hazordous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	WTUG-S0065	WTUG-S0080
607	WTUG-S0065	Transport & Disposal of Non-Hazordous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	WTUG-S0060	WTUG-S0070
608	WTUG-S0060	Transport & Disposal of Non-Hazordous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	WTUG-S0010, WTUG-N0065	WTUG-S0065
609	WTUG-N0065	Transport & Disposal of Non-Hazardous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	M13, WTUG-N0020, WTUG-N0015, WTUG-N0060, WTUG-N0020	WTUG-S0060
610	WTUG-N0060	Transport & Disposal of Non-Hazordous Excavation Spoils	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	DEMO-0070S, WTFD-N0020, WTUG-N0040, WTUG-N0055	WTUG-N0065



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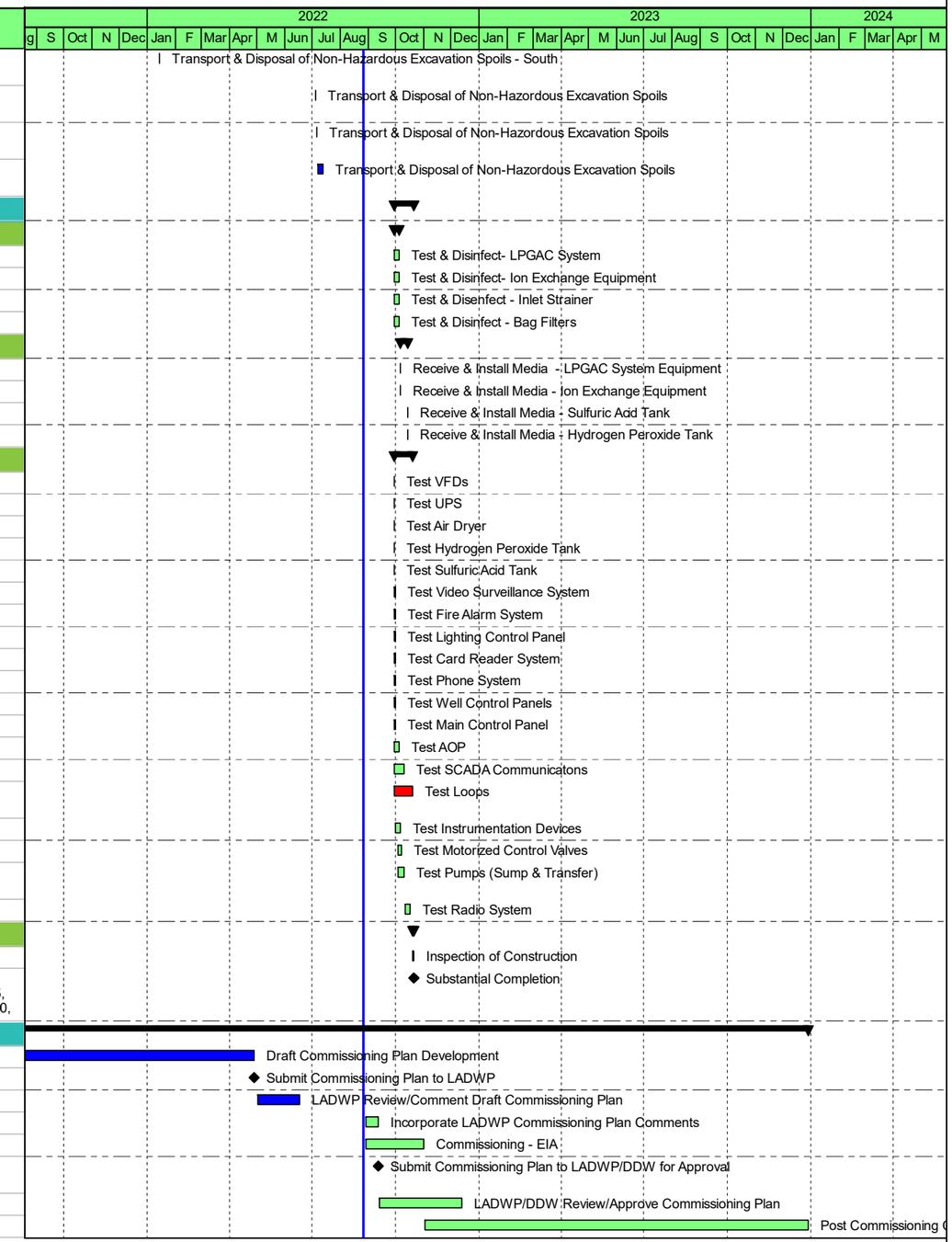
#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
611	DEMO-0070S	Transport & Disposal of Non-Hazardous Excavation Spoils - South	1	0	100%	14-Jan-22 A	14-Jan-22 A	☐	DEMO-0050S	WTUG-N0060
612	WTS-0060	Transport & Disposal of Non-Hazardous Excavation Spoils	1	0	100%	05-Jul-22 A	05-Jul-22 A	☐	WTS-0050, WTFD-S0055	WTS-0065
613	WTS-0065	Transport & Disposal of Non-Hazardous Excavation Spoils	1	0	100%	06-Jul-22 A	06-Jul-22 A	☐	WTS-0055, WTS-0030, WTS-0060	WTS-0070
614	WTS-0070	Transport & Disposal of Non-Hazardous Excavation Spoils	4	0	100%	07-Jul-22 A	12-Jul-22 A	☐	SITE-20A, WTS-0065, WTS-0045	CN-0020
615	**Pre-Commissioning**		16	16		29-Sep-22	20-Oct-22			
616	**Pre-Clean & Disinfect**		5	5		29-Sep-22	05-Oct-22			
617	WTAG-100	Test & Disinfect- LPGAC System	5	5	0%	29-Sep-22*	05-Oct-22	☐	WTS-75, WTAG-30	CN-0020, WTAG-115
618	WTAG-95	Test & Disinfect- Ion Exchange Equipment	5	5	0%	29-Sep-22*	05-Oct-22	☐	WTAG-30, WTAG-0005	CN-0020, WTAG-110
619	WTAG-90	Test & Disenfect - Inlet Strainer	5	5	0%	29-Sep-22*	05-Oct-22	☐	WTAG-30, WTEQ-0060	CN-0020
620	WTAG-200A	Test & Disinfect - Bag Filters	5	5	0%	29-Sep-22*	05-Oct-22	☐	WTAG-30	CN-0020
621	**Install Media**		7	7		06-Oct-22	14-Oct-22			
622	WTAG-115	Receive & Install Media - LPGAC System Equipmen	1	1	0%	06-Oct-22*	06-Oct-22	☐	WTEQ-120, WTAG-100	WTAG-210A, CN-0020
623	WTAG-110	Receive & Install Media - Ion Exchange Equipment	1	1	0%	06-Oct-22	06-Oct-22	☐	WTEQ-0065, WTAG-95	CN-0020
624	WTAG-210A	Receive & Install Media - Sulfuric Add Tank	1	1	0%	14-Oct-22	14-Oct-22	☐	CN-0020, WTAG-115	
625	WTAG-215A	Receive & Install Media - Hydrogen Peroxide Tank	1	1	0%	14-Oct-22	14-Oct-22	☐	CN-0020	
626	**Pre-Functional & Functional Testing**		15	15		29-Sep-22	19-Oct-22			
627	WTAG-140A5	Test VFDs	1	1	0%	29-Sep-22	29-Sep-22	☐	WTAG-205A	WTAG-140A10
628	WTAG-140A10	Test UPS	1	1	0%	29-Sep-22	29-Sep-22	☐	WTAG-140A5	WTAG-140A15
629	WTAG-140A15	Test Air Dryer	1	1	0%	29-Sep-22	29-Sep-22	☐	WTAG-140A10	WTAG-140A20
630	WTAG-140A20	Test Hydrogen Peroxide Tank	1	1	0%	29-Sep-22	29-Sep-22	☐	WTAG-140A15	WTAG-140A25
631	WTAG-140A25	Test Sulfuric Acid Tank	1	1	0%	29-Sep-22	29-Sep-22	☐	WTAG-140A20	WTAG-140A30
632	WTAG-140A	Test Video Surveillance System	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-0090, WTAG-0085	CN-0020
633	WTAG-145A	Test Fire Alarm System	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-0085, WTAG-0020	CN-0020, A5185
634	WTAG-150A	Test Lighting Control Panel	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-0085, WTAG-0020	CN-0020
635	WTAG-190A	Test Card Reader System	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-0085	CN-0020
636	WTAG-195A	Test Phone System	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-165A	CN-0020
637	WTAG-140A30	Test Well Control Panels	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-140A25	WTAG-140A35
638	WTAG-140A35	Test Main Control Panel	2	2	0%	29-Sep-22	30-Sep-22	☐	WTAG-140A30	
639	WTAG-205A	Test AOP	5	5	0%	29-Sep-22	05-Oct-22	☐	WTAG-0085	WTAG-140A5, CN-0020
640	WTAG-155A	Test SCADA Communicatons	8	8	0%	29-Sep-22	10-Oct-22	☐	WTAG-0085, WTAG-0055	WTAG-180A, CN-0020
641	WTAG-165A	Test Loops	15	15	0%	29-Sep-22	19-Oct-22	☑	WTAG-0085, WTAG-0020	EPA-1015, CN-0020, WTAG-195A
642	WTAG-185A	Test Instrumentation Devices	5	5	0%	30-Sep-22	06-Oct-22	☐	WTAG-135A, WTAG-0085	CN-0020
643	WTAG-170A	Test Motorized Control Valves	5	5	0%	03-Oct-22	07-Oct-22	☐	WTAG-120A, WTAG-0085	CN-0020
644	WTAG-175A	Test Pumps (Sump & Transfer)	5	5	0%	04-Oct-22	10-Oct-22	☐	WTAG-0010, WTAG-0085, GW-EQ10A	CN-0020
645	WTAG-180A	Test Radio System	5	5	0%	11-Oct-22	17-Oct-22	☐	WTAG-155A, WTAG-0085	CN-0020
646	**Construction Completion**		1	1		20-Oct-22	20-Oct-22			
647	EPA-1015	Inspection of Construction	1	1	0%	20-Oct-22	20-Oct-22	☑	WTAG-165A	CN-0020
648	CN-0020	Substantial Completion	0	0	0%		20-Oct-22	☑	WH-0365, EPA-1015, A4085, WTS-70, A1525A, A4115, GW-EQ20A45, WTAG-0050,	SITE-0020, WTAG-210A, WTAG-215A, M11, CO-0015, M10, CO-0025, M9, AIS-9000,
649	**Post Construction Commissioning-1**		887	340		01-Jul-20 A	29-Dec-23			
650	EIA-9025	Draft Commissioning Plan Development	380	0	100%	01-Jul-20 A	29-Apr-22 A	☐	M1	EIA-9050, EIA-9030
651	EIA-9050	Submit Commissioning Plan to LADWP	0	0	100%		29-Apr-22 A	☐	EIA-9025	EIA-9055
652	EIA-9055	LADWP Review/Comment Draft Commissioning Plai	44	0	100%	02-May-22 A	17-Jun-22 A	☐	EIA-9050	EIA-9000, EIA-9060
653	EIA-9060	Incorporate LADWP Commissioning Plan Comments	10	10	0%	29-Aug-22	12-Sep-22	☐	EIA-9055	EIA-9065
654	EIA-9000	Commissioning - EIA	46	46	0%	29-Aug-22	01-Nov-22	☐	EIA-9055	CO-25, EIA-9030, EIA-9010
655	EIA-9065	Submit Commissioning Plan to LADWP/DDW for Approval	0	0	0%		12-Sep-22	☐	EIA-9060	EIA-9070
656	EIA-9070	LADWP/DDW Review/Approve Commissioning Plan	64	64	0%	13-Sep-22	13-Dec-22	☐	EIA-9065	EIA-9075
657	EIA-9010	Post Commissioning O&M	294	294	0%	02-Nov-22	29-Dec-23	☐	EIA-9040, EIA-9030, EIA-9000	M9



Remaining LOE | Remaining Work | ◆ Milestone
Actual Work | Critical Remaining | Summary

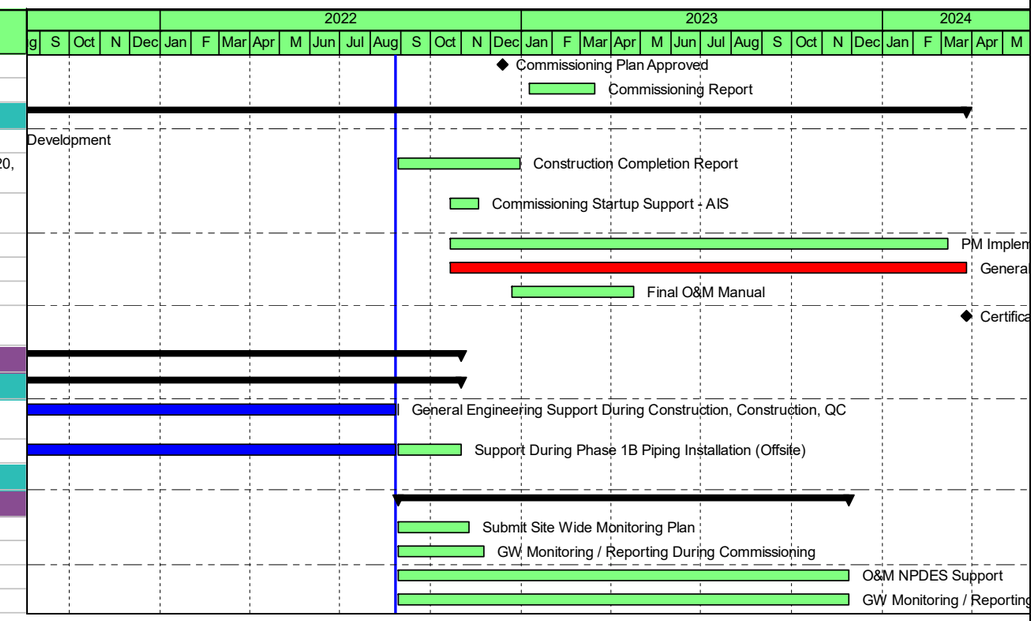
Project ID: 6519200010
TASK filter: All Activities

wood.

HON North Hollywood Operable Unit

Data Date: 27-Aug-22
Print: 09-Sep-22

#	Activity ID	Activity Name	Orig Dur	Rem Dur	Phys %Comp	Start	Finish	Critical	Predecessors	Successors
658	EIA-9075	Commissioning Plan Approved	0	0	0%		13-Dec-22	☐	EIA-9070	M9
659	EIA-9030	Commissioning Report	49	49	0%	09-Jan-23	16-Mar-23	☐	A1230, EIA-9025, EIA-9000	EIA-9010
660	**Post Construction Regulatory Submittals & Approvals (N**		866	401		27-Oct-20 A	26-Mar-24			
661	CO-0024	Loop Diagram Development	128	0	100%	27-Oct-20 A	30-Apr-21 A	☐	M1	CO-0025
662	CO-0025	Construction Completion Report	87	87	0%	29-Aug-22	30-Dec-22	☐	PMOB-0005, CN-0020, M8, WTS-0045, CAR-1010,	CO-0010, CO-0020, CO-0020, CO-0015, M12
663	AIS-9000	Commissioning Startup Support - AIS	21	21	0%	21-Oct-22	18-Nov-22	☐	CAR-1010, WTS-0045, CN-0020, M8, WTAG-0055	M11
664	CO-0010	PM Implementation (Post Construction)	349	349	0%	21-Oct-22	06-Mar-24	☐	CN-0020, CO-0025	M11
665	CO-0006	General Regulatory (Post Construction)	363	363	0%	21-Oct-22	26-Mar-24	☑	CN-0020	M11, M16
666	CO-0020	Final O&M Manual	87	87	0%	22-Dec-22	24-Apr-23	☐	CO-0025, CO-0025	M11
667	CO-0015	Certificate of Substantial Completion from EPA	0	0	0%		25-Mar-24	☐	CN-0020, M8, WTS-0045, CAR-1010, CO-0025, M10	M16
668	**Engineering Support**		371	46		02-Oct-20 A	01-Nov-22			
669	**Engineering Support During Construction-1**		371	46		02-Oct-20 A	01-Nov-22			
670	EIA-9035	General Engineering Support During Construction, Construction, QC	315	0	96%	02-Oct-20 A	29-Aug-22	☐	M1	EIA-9040
671	EIA-9040	Support During Phase 1B Piping Installation (Offsite)	227	46	80%	30-Apr-21 A	01-Nov-22	☐	EIA-9035	EIA-9010
672	**Engineering Support During Post-Construction**		0	0						
673	**Groundwater Monitoring-1**		318	318		29-Aug-22	28-Nov-23			
674	CO-25	Submit Site Wide Monitoring Plan	51	51	0%	29-Aug-22	08-Nov-22	☐	EIA-9000	EIA-9015
675	EIA-9015	GW Monitoring / Reporting During Commissioning	62	62	0%	29-Aug-22	23-Nov-22	☐	CO-25	EIA-9020
676	EIA-9045	O&M NPDES Support	318	318	0%	29-Aug-22	28-Nov-23	☐	EIA-9020	M9
677	EIA-9020	GW Monitoring / Reporting During O&M	318	318	0%	29-Aug-22	28-Nov-23	☐	EIA-9015	EIA-9045



Remaining LOE | Remaining Work | ◆ Milestone
Actual Work | Critical Remaining | Summary

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wood.