

## Waldrop, Heather/RDD

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**From:** Black, Lyna/RDD  
**Sent:** Wednesday, January 18, 2017 11:21 AM  
**To:** Vanderbilt, Pamela/SAC  
**Cc:** Waldrop, Heather/RDD; Oliver, Mark/RDD  
**Subject:** Sites Reservoir EIR/EIS - AQ Data from AECOM  
**Attachments:** FW: Nodos Summary schedule [EXTERNAL]; FW: Sites Schedule [EXTERNAL]

Hi Pamela,

I spoke with Joe Barnes and Jeff Herrin this morning. Joe said that the data that he provided previously (for the 2013 EIR/EIS) would not be changing. For the purpose of construction it sounds that equipment hours for Alternative D would be the same as Alternative C. The only change would be the construction schedule which they sent (attached). Let me know if you have any questions or concerns. Please confirm that this is everything that you need to complete the AQ analysis.

Thank you,

Lyna

Lyna Black  
Environmental Planner/Operations Lead  
Environment & Nuclear Market

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## Waldrop, Heather/RDD

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**From:** Herrin, Jeff <jeff.herrin@aecom.com>  
**Sent:** Wednesday, January 18, 2017 10:54 AM  
**To:** Black, Lyna/RDD  
**Subject:** FW: Nodos Summary schedule [EXTERNAL]  
**Attachments:** 2016.12.02 NODOS SCHED V2.2\_Network.pdf; 2016.12.02 NODOS SCHED V2.2\_Roll Up.pdf

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**From:** Egge, Mike  
**Sent:** Friday, December 02, 2016 9:17 AM  
**To:** Forrest, Michael; Herrin, Jeff; Barnes, Joseph  
**Subject:** FW: Nodos Summary schedule

The typo on the logic has been corrected and the filling of the reservoir has been changed to a milestone to start filling. Completion of that milestone is now February 11, 2030.. slightly less than 8 years.

Michael

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**From:** Sinkevich, Alexei  
**Sent:** Friday, December 02, 2016 9:03 AM  
**To:** Egge, Mike  
**Subject:** RE: Nodos Summary schedule

Mike,

I've attached the updated NODOS Roll-up Schedule and Activity Network with the adjusted 'Start Filling Sites Reservoir' milestone and duration. Please let me know if this is what you had in mind. Schedule completion date has changed as well. Thanks.

-Alyosha

**Alexei 'Alyosha' Sinkevich, EIT**  
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**From:** Egge, Mike  
**Sent:** Friday, December 02, 2016 8:51 AM  
**To:** Sinkevich, Alexei  
**Subject:** RE: Nodos Summary schedule

Sill need you to change the fill reservoir to a milestone.

---

**From:** Sinkevich, Alexei  
**Sent:** Friday, December 02, 2016 8:47 AM  
**To:** Egge, Mike  
**Subject:** RE: Nodos Summary schedule

Mike,

I've attached the requested NODOS schedule in addition to the Network Diagram. Please let me know if you'd like to see any additional changes. Thanks.

-Alyosha

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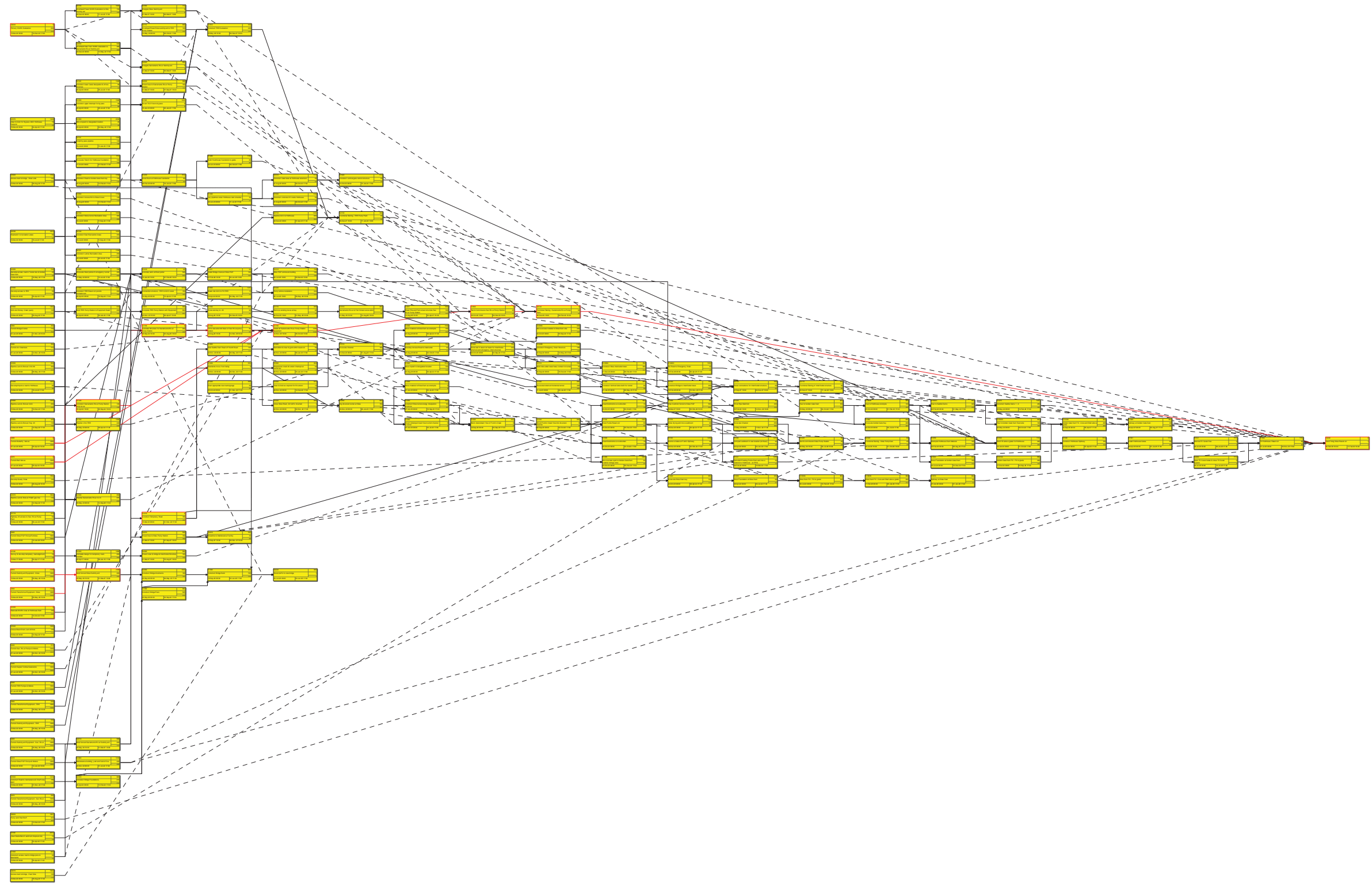
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**From:** Egge, Mike  
**Sent:** Friday, December 02, 2016 8:10 AM  
**To:** Sinkevich, Alexei  
**Subject:** Nodos Summary schedule

Alexei,

A couple of other changes on the summary schedule for presentation purposes. Hide the columns for Predecessor and SuccessorTo pull the duration closer to the description column. Hide both float columns. Eliminate all of the white space so that the first calendar column is Q1 2022. These changes will make the presentation much more compact.

Michael



Activity ID	Total Float
Activity Name	Original
Early Start	Early Finish
	Remaining



## Waldrop, Heather/RDD

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**From:** Herrin, Jeff <jeff.herrin@aecom.com>  
**Sent:** Wednesday, January 18, 2017 10:54 AM  
**To:** Black, Lyna/RDD  
**Cc:** Barnes, Joseph  
**Subject:** FW: Sites Schedule [EXTERNAL]  
**Attachments:** 2016.12.02 NODOS SCHED V2.2\_Full list.pdf

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**From:** Egge, Mike  
**Sent:** Friday, December 02, 2016 2:42 PM  
**To:** Barnes, Joseph; Herrin, Jeff; Forrest, Michael  
**Subject:** FW: Sites Schedule

Already saved to the S drive.

Michael

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**From:** Sinkevich, Alexei  
**Sent:** Friday, December 02, 2016 2:41 PM  
**To:** Egge, Mike  
**Subject:** RE: Sites Schedule

Full List attached.

-Alyosha

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**From:** Egge, Mike  
**Sent:** Friday, December 02, 2016 2:34 PM

**To:** Sinkevich, Alexei  
**Subject:** Sites Schedule

Alexei,

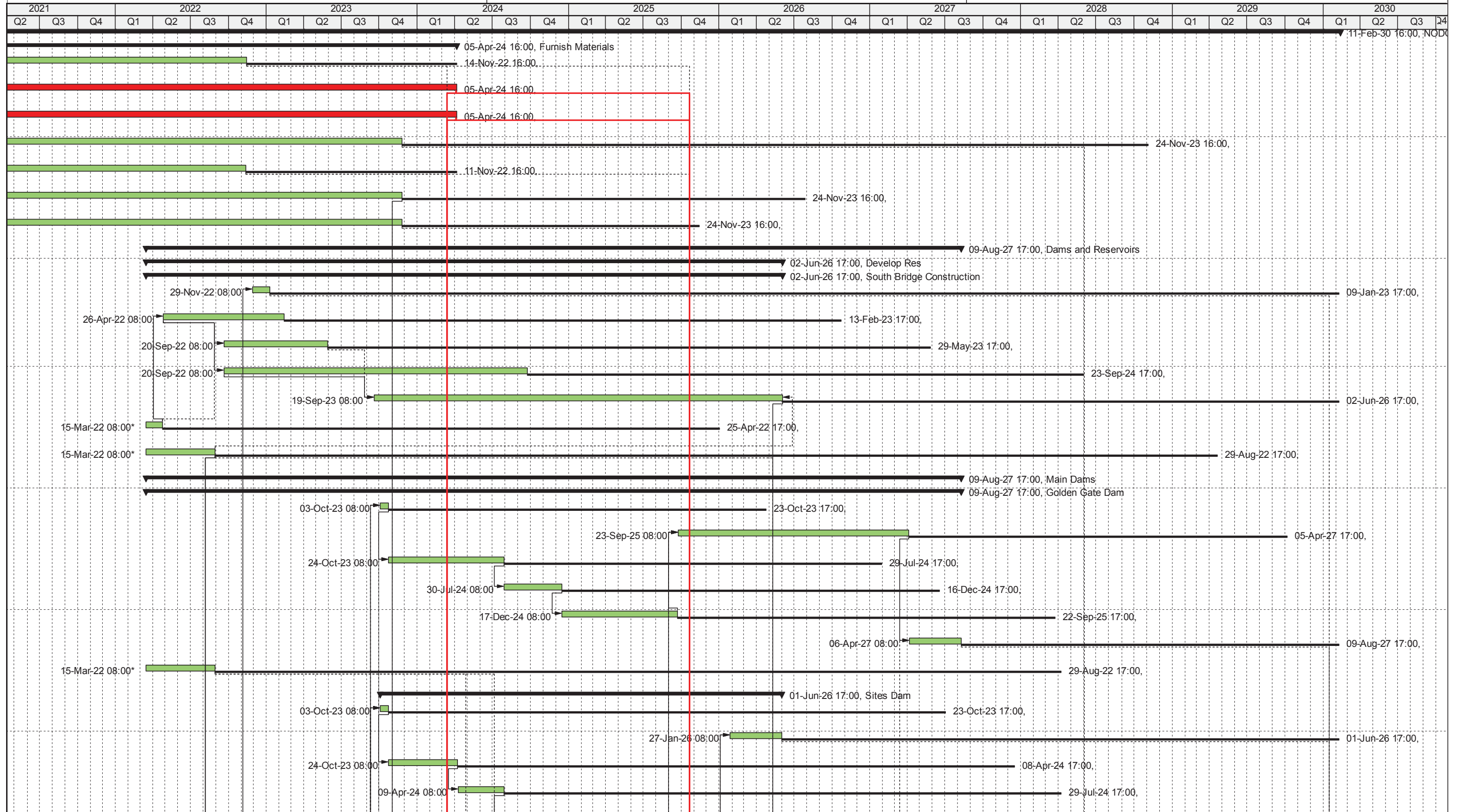
Please send the final full list schedule. I received the roll-up and network only.

Michael



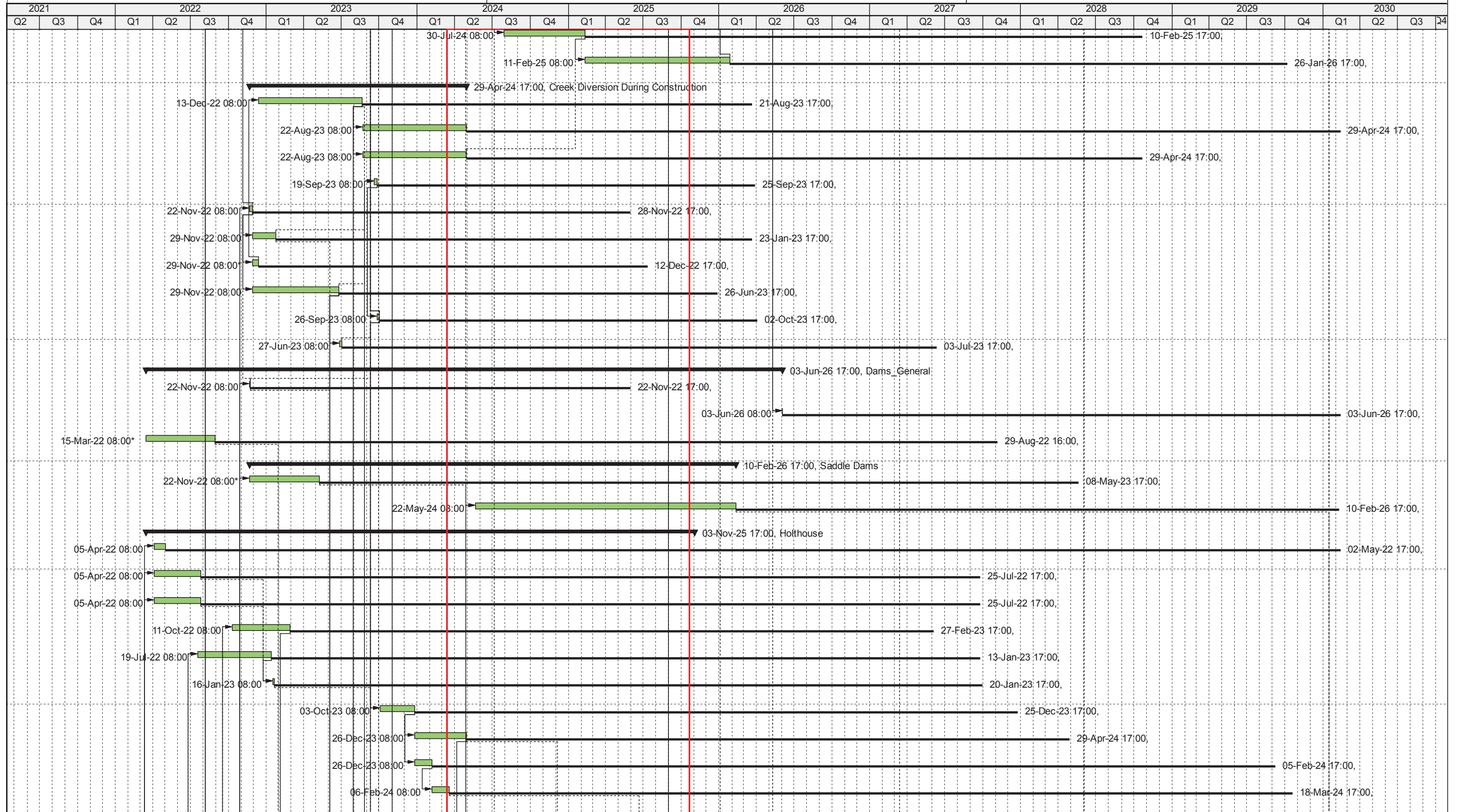
#	Activity ID	Activity Name	Predecessors	Successors	Original	Start	Finish	Total Float	Free Float	2017				2018				2019				2020				2021
										Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	NODOS_Sites Reservoir_Ver2				3369	15-Mar-17 08:00	11-Feb-30 16:00	0	0																	
2	Furnish Materials				1095	27-Jan-20 08:00	05-Apr-24 16:00	1195	0																	
3	A390	Furnish Air Chambers		A1720, A1790	731	27-Jan-20 08:00*	14-Nov-22 16:00	364	364												27-Jan-20 08:00*					
4	A370	Furnish Ball Valves		A1720, A1790	1095	27-Jan-20 08:00*	05-Apr-24 16:00	0	0												27-Jan-20 08:00*					
5	A380	Furnish Butterfly Valves		A1720, A1790	1095	27-Jan-20 08:00*	05-Apr-24 16:00	0	0												27-Jan-20 08:00*					
6	A420	Furnish Kaplan Turbine/Generators		A1420	1000	27-Jan-20 08:00*	24-Nov-23 16:00	1290	1196												27-Jan-20 08:00*					
7	A360	Furnish Bridge Cranes		A1720, A1790	730	27-Jan-20 08:00*	11-Nov-22 16:00	365	365												27-Jan-20 08:00*					
8	A440	Furnish TRR Pumps & Motors		A1611	1000	27-Jan-20 08:00*	24-Nov-23 16:00	696	0												27-Jan-20 08:00*					
9	A430	Furnish Sac. River Pumps & Motors		A1790	1000	27-Jan-20 08:00*	24-Nov-23 16:00	515	515												27-Jan-20 08:00*					
10	Dams and Reservoirs				1410	15-Mar-22 08:00	09-Aug-27 17:00	655	0																	
11	Develop Res				1101	15-Mar-22 08:00	02-Jun-26 17:00	963	0																	
12	South Bridge Construction				1101	15-Mar-22 08:00	02-Jun-26 17:00	963	0																	
13	A1980	Demolition & clear & grub within reservoir	A1230	A2240	30	29-Nov-22 08:00	09-Jan-23 17:00	1849	1849																	
14	A1370	Construct Bridge Foundations	A1360	A1380, A2260	210	26-Apr-22 08:00	13-Feb-23 17:00	963	0																	
15	A2260	Construct Bridge Abutments	A1360, A1370	A1390	180	20-Sep-22 08:00	29-May-23 17:00	1043	80																	
16	A1380	Construct Bridge Piers	A1370	A1390	525	20-Sep-22 08:00	23-Sep-24 17:00	963	0																	
17	A1390	Construct Bridge Deck	A1380, A2260,	A2220	706	19-Sep-23 08:00	02-Jun-26 17:00	963	0																	
18	A1360	Construct access road to bridge piers & abutments		A2260, A1370	30	15-Mar-22 08:00*	25-Apr-22 17:00	963	0																	
19	A1820	Access road to bridge - West side		A2220, A1390,	120	15-Mar-22 08:00*	29-Aug-22 17:00	1734	0																	
20	Main Dams				1410	15-Mar-22 08:00	09-Aug-27 17:00	655	0																	
21	Golden Gate Dam				1410	15-Mar-22 08:00	09-Aug-27 17:00	654	0																	
22	A1880	Clear/Grub/remove overburden	A1250, A1330	A1890	15	03-Oct-23 08:00	23-Oct-23 17:00	654	0																	
23	A1910B	Golden Gate Dam Fill - Core and Shell above grade	A1560A, A1560D,	A1920	400	23-Sep-25 08:00	05-Apr-27 17:00	654	0																	
24	A1890	Excavate Golden Gate Key	A1880, A1560A	A1900	200	24-Oct-23 08:00	29-Jul-24 17:00	654	0																	
25	A1900	Grout Foundation at Golden Gate Dam	A1890	A1910A	100	30-Jul-24 08:00	16-Dec-24 17:00	654	0																	
26	A1910A	Golden Gate Dam Fill - Fill to grade	A1900	A1910B	200	17-Dec-24 08:00	22-Sep-25 17:00	654	0																	
27	A1920	Spillway at Golden Gate Dam	A1910B, A1840	A2240	90	06-Apr-27 08:00	09-Aug-27 17:00	654	654																	
28	A1990	Activate Stoney Creek quarry		A1870, A1960A	120	15-Mar-22 08:00*	29-Aug-22 17:00	1464	451																	
29	Sites Dam				695	03-Oct-23 08:00	01-Jun-26 17:00	964	0																	
30	A1930	Clear/Grub/remove overburden	A1050, A1240,	A1940	15	03-Oct-23 08:00	23-Oct-23 17:00	964	0																	
31	A1970	Spillway at Sites Dam	A1850, A1960B	A2240	90	27-Jan-26 08:00	01-Jun-26 17:00	964	964																	
32	A1940	Excavate Sites Dam key	A1930	A1950	120	24-Oct-23 08:00	08-Apr-24 17:00	964	0																	
33	A1950	Grout Foundation at Sites Dam	A1940	A1960A	80	09-Apr-24 08:00	29-Jul-24 17:00	964	0																	

█ Remaining Level of Effort   
 █ Remaining Work   
  Summary  
█ Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar  
█ Actual Work   
 ◆ Milestone   
  Neg Float Bar



#	Activity ID	Activity Name	Predecessors	Successors	Original	Start	Finish	Total Float	Free Float	2017				2018				2019				2020				2021
										Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
34	A1960A	Sites Dam Fill - Fill to grade	A1950, A1990,	A1960B	140	30-Jul-24 08:00	10-Feb-25 17:00	964	0																	
35	A1960B	Sites Dam Fill - Core and Shell above grade	A1960A, A1030	A1970	250	11-Feb-25 08:00	26-Jan-26 17:00	964	0																	
36	Creek Diversion During Construction				375	22-Nov-22 08:00	29-Apr-24 17:00	1510	0																	
37	A1010	Excavate Channel	A1000	A1020, A1030,	180	13-Dec-22 08:00	21-Aug-23 17:00	674	0																	
38	A1020	Move topsoil to designated location	A1010		180	22-Aug-23 08:00	29-Apr-24 17:00	1510	1510																	
39	A1030	Move material to Sites Dam as stockpile	A1010	A1960B	180	22-Aug-23 08:00	29-Apr-24 17:00	1169	205																	
40	A1320	Block downstream flow of Funk's Creek	A1010, A2250,	A1330	5	19-Sep-23 08:00	25-Sep-23 17:00	654	0																	
41	A1230	Residents move from Valley	A1210	A2250, A1980,	5	22-Nov-22 08:00	28-Nov-22 17:00	654	0																	
42	A1060	Prepare two creek diversion intercept at tunnel top	A1230	A1320, A1350	40	29-Nov-22 08:00	23-Jan-23 17:00	824	110																	
43	A1000	Clear & Grub as required for Diversion	A1230	A1010	10	29-Nov-22 08:00*	12-Dec-22 17:00	674	0																	
44	A2250	Dig diversion tunnel at Sites	A1230, A1240	A1040, A1050,	150	29-Nov-22 08:00	26-Jun-23 17:00	654	0																	
45	A1330	Divert Funk's Creek flow into diversion channel	A1320	A1130, A1880,	5	26-Sep-23 08:00	02-Oct-23 17:00	654	0																	
46	A1350	Divert Antelope Creek flow to short channel & tunnel	A2250, A1060	A1930	5	27-Jun-23 08:00	03-Jul-23 17:00	1029	65																	
47	Dams_General				1102	15-Mar-22 08:00	03-Jun-26 17:00	963	0																	
48	A1240	Close Sites Road, All traffic diverted	A1220	A2250, A1050,	1	22-Nov-22 08:00	22-Nov-22 17:00	658	4																	
49	A2220	Route traffic to new bridge	A1390, A1820,		1	03-Jun-26 08:00	03-Jun-26 17:00	963	963																	
50	A540	Develop Quarry Sites		A1459	120	15-Mar-22 08:00*	29-Aug-22 16:00	1354	126																	
51	Saddle Dams				841	22-Nov-22 08:00	10-Feb-26 17:00	1043	0																	
52	A1855	New Saddle Dam Road off North Road	A1210	A1870	120	22-Nov-22 08:00*	08-May-23 17:00	1314	271																	
53	A1870	Construct Saddle Dams 1 - 9	A1990, A1560C,	A2240	450	22-May-24 08:00	10-Feb-26 17:00	1043	1043																	
54	Holthouse				950	15-Mar-22 08:00	03-Nov-25 17:00	1115	0																	
55	A1080	Move topsoil to designated location	A1070		20	05-Apr-22 08:00	02-May-22 17:00	2030	2030																	
56	A1090	Construct upper intercept for bypass	A1070	A1120	80	05-Apr-22 08:00	25-Jul-22 17:00	1348	124																	
57	A1100	Construct lower Canal dissipation & inflow structure	A1070	A1120	80	05-Apr-22 08:00	25-Jul-22 17:00	1348	124																	
58	A1460	Excavate Trench for Holthouse foundation	A1070, A1450	A1470	100	11-Oct-22 08:00	27-Feb-23 17:00	1114	0																	
59	A1110	Install bypass pipeline	A1070, A1458	A1120	129	19-Jul-22 08:00	13-Jan-23 17:00	1224	0																	
60	A1120	Divert TCC flow to bypass	A1090, A1100,	A1130	5	16-Jan-23 08:00	20-Jan-23 17:00	1224	181																	
61	A1130	Drain Funks Reservoir	A1120, A1330	A1140, A1170	60	03-Oct-23 08:00	25-Dec-23 17:00	1043	0																	
62	A1170	Allow drying and move sediment	A1130	A1180, A1550	90	26-Dec-23 08:00	29-Apr-24 17:00	1043	0																	
63	A1140	Remove Gates at Funk's Spillway	A1130	A1141	30	26-Dec-23 08:00	05-Feb-24 17:00	1459	0																	
64	A1141	Demolish Existing Funks Dam and move material to Holdhouse - as REQ	A1140	A1580	30	06-Feb-24 08:00	18-Mar-24 17:00	1459	345																	

█ Remaining Level of Effort   
 █ Remaining Work   
  Summary  
█ Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar  
█ Actual Work   
 ◆ Milestone   
 Neg Float Bar









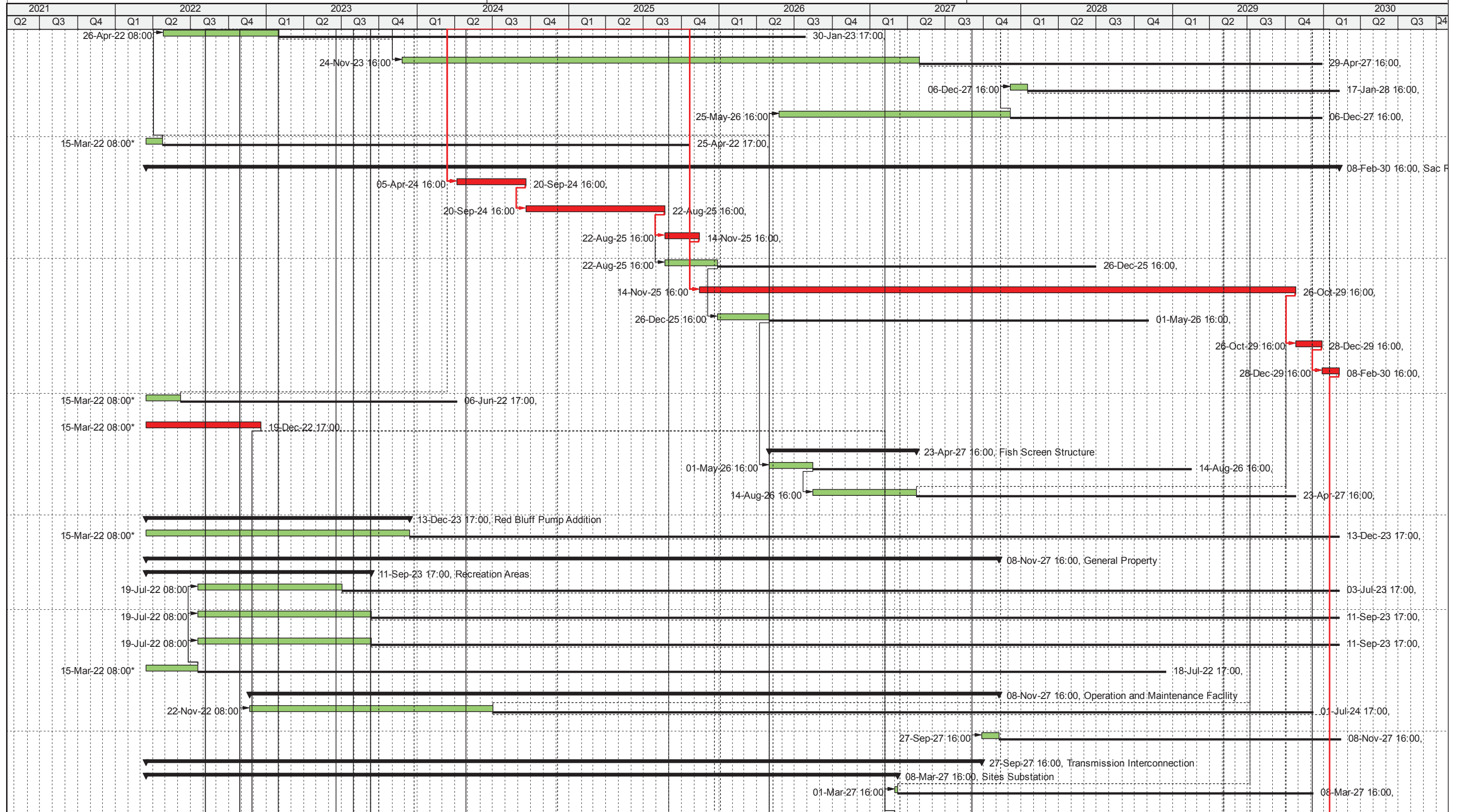






#	Activity ID	Activity Name	Predecessors	Successors	Original	Start	Finish	Total Float	Free Float	2017				2018				2019				2020				2021
										Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
127	A1610	Build TRR Pump Station to Equipment Need	A1590	A1611	200	26-Apr-22 08:00	30-Jan-23 17:00	910	214																	
128	A1611	Complete TRR Pump Station with Equipment	A1610, A440	A2130	894	24-Nov-23 16:00	29-Apr-27 16:00	696	157																	
129	A2130	Functional Testing - TRR Pump Plant	A1630, A2060,	A2240	30	06-Dec-27 16:00	17-Jan-28 16:00	539	539																	
130	A1612	Construct TRR Substation	A480, A500,	A2130	400	25-May-26 16:00	06-Dec-27 16:00	539	0																	
131	A1590	Develop access to TRR		A1600, A1610,	30	15-Mar-22 08:00*	25-Apr-22 17:00	910	0																	
132	Sac River PGP				2064	15-Mar-22 08:00	08-Feb-30 16:00	0	0																	
133	A1720	Construct Sacramento River Pump Station temp levee	A1660, A360,	A1730	120	05-Apr-24 16:00	20-Sep-24 16:00	0	0																	
134	A1730	Concrete Structure for Sacramento River Pump Station	A1720	A1740, A1760	240	20-Sep-24 16:00	22-Aug-25 16:00	0	0																	
135	A1740	Fill to elevation 90 West of Sac River pump station	A1730	A1790	60	22-Aug-25 16:00	14-Nov-25 16:00	0	0																	
136	A1760	Excavate bay to -35	A1730	A1770	90	22-Aug-25 16:00	26-Dec-25 16:00	655	0																	
137	A1790	Install all Sacramento River Pump Station equipment	A1740, A360,	A1800	1030	14-Nov-25 16:00	26-Oct-29 16:00	0	0																	
138	A1770	Remove existing levee at bay	A1760	A1810	90	26-Dec-25 16:00	01-May-26 16:00	655	0																	
139	A1800	Test & Commission Sac River Pump Station	A1790, A1811,	A2140	45	26-Oct-29 16:00	28-Dec-29 16:00	0	0																	
140	A2140	Functional Testing - Sacramento River Pump Plant	A1800, A2020,	A2240	30	28-Dec-29 16:00	08-Feb-30 16:00	0	0																	
141	A1719	Highway 45 access to Sac. River Pump Plant		A1720	60	15-Mar-22 08:00*	06-Jun-22 17:00	479	479																	
142	A2040	Primary WAPA Substation		A2020, A2030,	200	15-Mar-22 08:00*	19-Dec-22 17:00	0	0																	
143	Fish Screen Structure				255	01-May-26 16:00	23-Apr-27 16:00	655	0																	
144	A1810	Sacramento River & Fish Screen excavation	A1770	A1811	75	01-May-26 16:00	14-Aug-26 16:00	655	0																	
145	A1811	Sheet Pile and Fish screen structure Sac River Pump Station	A1810	A1800	180	14-Aug-26 16:00	23-Apr-27 16:00	655	655																	
146	Red Bluff Pump Addition				457	15-Mar-22 08:00	13-Dec-23 17:00	1607	0																	
147	A2000	Pump work Red Bluff		A2240	457	15-Mar-22 08:00*	13-Dec-23 17:00	1607	1607																	
148	General Property				1475	15-Mar-22 08:00	08-Nov-27 16:00	590	0																	
149	Recreation Areas				390	15-Mar-22 08:00	11-Sep-23 17:00	1674	0																	
150	A2191	Construct Lurline Recreation Area	A2180	A2240	250	19-Jul-22 08:00	03-Jul-23 17:00	1724	1724																	
151	A2192	Construct East Recreation Areas	A2180	A2240	300	19-Jul-22 08:00	11-Sep-23 17:00	1674	1674																	
152	A2194	Construct Stone Corral Recreation Area	A2180	A2240	300	19-Jul-22 08:00	11-Sep-23 17:00	1674	1674																	
153	A2180	Roadwork for recreation areas		A2191, A2192,	90	15-Mar-22 08:00*	18-Jul-22 17:00	1674	0																	
154	Operation and Maintenance Facility				1295	22-Nov-22 08:00	08-Nov-27 16:00	590	0																	
155	A1860	Maintenance building, yard and field office	A1830	A2120, A2240	420	22-Nov-22 08:00	01-Jul-24 17:00	1419	1325																	
156	A2210	Powerline to Maintenance Facility	A2070		30	27-Sep-27 16:00	08-Nov-27 16:00	590	590																	
157	Transmission Interconnection				1445	15-Mar-22 08:00	27-Sep-27 16:00	589	0																	
158	Sites Substation				1300	15-Mar-22 08:00	08-Mar-27 16:00	719	0																	
159	A2060	Energize Sites Switchyard	A2040, A2050,	A2120, A2130	5	01-Mar-27 16:00	08-Mar-27 16:00	719	195																	

█ Remaining Level of Effort   
 █ Remaining Work   
  Summary  
█ Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar  
█ Actual Work   
 ◆ Milestone   
  Neg Float Bar



█ Remaining Level of Effort    █ Remaining Work     Summary  
█ Actual Level of Effort    █ Critical Remaining Work     Float Bar  
█ Actual Work    ◆ Milestone     Neg Float Bar

#	Activity ID	Activity Name	Predecessors	Successors	Original	Start	Finish	Total Float	Free Float	2017				2018				2019				2020				2021							
										Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1						
160	A2050	Build fenced Sites Switchyard	A530, A510	A2060, A2070,	200	25-May-26 16:00*	01-Mar-27 16:00	-1095	0																								
161	A510	Furnish Switchyard Equipment - Sites		A2050	1095	15-Mar-22 08:00*	25-May-26 16:00	-1095	0																								
162	A530	Furnish Transformer Equipment - Sites		A2050	1095	15-Mar-22 08:00*	25-May-26 16:00	-1095	0																								
163	TRR Switchyard				1095	15-Mar-22 08:00*	25-May-26 16:00	539	0																								
164	A480	Furnish Switchyard Equipment - TRR		A1612	1095	15-Mar-22 08:00*	25-May-26 16:00	539	0																								
165	A500	Furnish Transformer Equipment - TRR		A1612	1095	15-Mar-22 08:00*	25-May-26 16:00	539	0																								
166	Sacramento River PGP Switchyard				1300	15-Mar-22 08:00*	08-Mar-27 16:00	689	0																								
167	A2020	Energize Sacramento River Switchyard	A2010, A2040,	A2140, A1800	5	01-Mar-27 16:00	08-Mar-27 16:00	689	689																								
168	A2010	Build fenced Sacramento River Switchyard	A450, A470	A2020, A2030	200	25-May-26 16:00*	01-Mar-27 16:00	589	0																								
169	A450	Furnish Switchyard Equipment - Sac. River		A2010	1095	15-Mar-22 08:00*	25-May-26 16:00	589	0																								
170	A470	Furnish Transformer Equipment - Sac River		A2010	1095	15-Mar-22 08:00*	25-May-26 16:00	589	0																								
171	Transmission Lines				1245	20-Dec-22 08:00*	27-Sep-27 16:00	589	0																								
172	A2030	Power lines to Sacramento River Pump Station	A2010, A2040,	A2140	150	01-Mar-27 16:00	27-Sep-27 16:00	589	589																								
173	A2090	Overhead lines from WAPA substation to Sacramento River Switchyard	A2040	A2020, A2030,	365	20-Dec-22 08:00	13-May-24 17:00	949	0																								
174	A2100	Overhead Power WAPA Substation to Site Switchyard	A2040	A1440, A2060	150	20-Dec-22 08:00	17-Jul-23 17:00	1624	945																								
175	A2070	Power lines to Sites Pump Station	A2050	A2120, A2160,	150	01-Mar-27 16:00	27-Sep-27 16:00	529	0																								
176	A2110	Overhead Power Sites switchyard to TRR Pump Station	A2090	A1612	120	14-May-24 08:00	28-Oct-24 17:00	949	410																								
177	Develop alternate roadway to Ladoga				1484	15-Mar-17 08:00*	21-Nov-22 17:00	658	0																								
178	A1200	Complete design for temporary road - contract	A1190	A1210	200	05-Apr-17 08:00	09-Jan-18 17:00	1089	1089	Apr-17 08:00																							
179	A1210	Construct Temporary Road	A1200	A1220, A1230,	180	15-Mar-22 08:00*	21-Nov-22 17:00	0	0																								
180	A1220	Erect appropriate new road signage	A1210	A1240	20	25-Oct-22 08:00	21-Nov-22 17:00	658	0																								
181	A1190	Survey & develop temporary road alignment		A1200	15	15-Mar-17 08:00*	04-Apr-17 17:00	0	0	17 08:00*	04-Apr-17 17:00																						
182	Construct Emergency drawdown tunnel				465	15-Mar-22 08:00*	25-Dec-23 17:00	1600	0																								
183	A1270	Develop Access Road to inlet/outlet	A1010	A1280	30	22-Aug-23 08:00	02-Oct-23 17:00	764	0																								
184	A1260	Excavate West portal of emergency tunnel	A1250	A1290, A1410,	300	17-May-22 08:00	10-Jul-23 17:00	720	0																								
185	A1265	Move excess spoil to Golden Gate Dam material storage area	A1260, A1330		60	03-Oct-23 08:00	25-Dec-23 17:00	1600	1600																								
186	A1250	Develop access road to Tunnel site & Golden Gate Dam		A1260, A1880,	45	15-Mar-22 08:00*	16-May-22 17:00	720	0																								
187	Construct Holthouse-Sites connection channel				650	17-May-22 08:00*	11-Nov-24 17:00	903	0																								
188	A1550	Excavate Channel	A1170, A1250	A1560A, A1440	650	17-May-22 08:00	11-Nov-24 17:00	903	0																								
189	A1560A	Haul to Golden Gate Dam	A1550	A1560B, A1890,	100	18-May-22 08:00	04-Oct-22 17:00	903	0																								
190	A1560B	Haul to Holdhouse stockpile	A1560A	A1560C, A1530,	100	05-Oct-22 08:00	21-Feb-23 17:00	903	0																								
191	A1560C	Haul to Saddle Dams	A1560B	A1560D, A1870	325	22-Feb-23 08:00	21-May-24 17:00	903	0																								

█ Remaining Level of Effort   
 █ Remaining Work   
  Summary  
█ Actual Level of Effort   
 █ Critical Remaining Work   
  Float Bar  
█ Actual Work   
 ◆ Milestone   
  Neg Float Bar

