

Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
39	Mechanical pre-work - C8 Sight flow indicators on condensate drains					
40	Fabricate spools - C8 Sight flow indicators on condensate drains	7.0d	16-06-2020	24-06-2020	No	
47	Installation of sight glasses on train 1					
49	Install spools and sight glasses (3x3", 4x2") - sight glasses on train 1	3.0h	03-07-2020	03-07-2020	No	
50	PSSR authorisation - sight glasses on train 1	1.0h	03-07-2020	03-07-2020	No	
51	Commission system - sight glasses on train 1	1.0h	03-07-2020	04-07-2020	No	
52	Installation of sight glasses on train 2					
55	PSSR authorisation - sight glasses on train 2	1.0h	11-07-2020	11-07-2020	No	
56	Commission system - sight glasses on train 2	1.0h	11-07-2020	11-07-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
54	Install spools and sight glasses (3x3", 5x2") - sight glasses on train 2	3.0h	11-07-2020	11-07-2020	No	
57	Installation of sight glasses on train 3					
60	PSSR authorisation - sight glasses on train 3	1.0h	18-07-2020	18-07-2020	No	
59	Install spools and sight glasses (3x3", 4x2") - sight glasses on train 3	3.0h	18-07-2020	18-07-2020	No	
61	Commission system - sight glasses on train 3	1.0h	18-07-2020	18-07-2020	No	
100	Electrical pre-work - C9 Vent for AICI3 System					
101	Installation of Coated conduit - C9 Vent for AICI3 System	4.0d	19-08-2020	24-08-2020	No	
102	Installation of Cabling - C9 Vent for AICI3 System	10.0d	25-08-2020	08-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
103	Mechanical pre-work - C9 Vent for AICI3 System					
104	Install junction boxes (3)	2.0d	17-08-2020	18-08-2020	No	
105	Install air supply piping - C9 Vent for AICI3 System	7.0d	19-08-2020	27-08-2020	No	
106	PLC/SCADA programming - C9					
107	PLC/SCADA programming - C9	6.0d	09-09-2020	16-09-2020	No	
114	Train 1 Installation					
116	Install 6" valve train 1 - C9 Vent for AICI3 System	3.0h	22-09-2020	22-09-2020	No	
117	Connect wiring train 1 - C9 Vent for AICI3 System	1.0h	22-09-2020	23-09-2020	No	
142	Electrical pre-work - Chlorinator sump level blow downs					
	Installation of Coated conduit - Chlorinator sump level blow					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
143	downs	4.0d	19-05-2020	22-05-2020	No	
144	Installation of Cabling - Chlorinator sump level blow downs	10.0d	26-05-2020	08-06-2020	No	
145	PLC/SCADA programming - C11					
146	PLC/SCADA programming - C11	4.0d	09-06-2020	12-06-2020	No	
153	Installation of solenoids sumps on train 1					
156	Connect wiring - sumps on train 1	1.0h	23-06-2020	23-06-2020	No	
158	Commission pH probe - sumps on train 1	1.0h	24-06-2020	24-06-2020	No	
155	Install nozzle and fit pH probe - sumps on train 1	3.0h	23-06-2020	23-06-2020	No	
157	PSSR authorisation - sumps on train 1	1.0h	23-06-2020	24-06-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
159	Installation of solenoids sumps on train 2					
163	PSSR authorisation - sumps on train 2	1.0h	01-07-2020	01-07-2020	No	
164	Commission pH probe - sumps on train 2	1.0h	01-07-2020	01-07-2020	No	
161	Install nozzle and fit pH probe - sumps on train 2	3.0h	01-07-2020	01-07-2020	No	
162	Connect wiring - sumps on train 2	1.0h	01-07-2020	01-07-2020	No	
165	Installation of solenoids sumps on train 3					
167	Install nozzle and fit pH probe - sumps on train 3	3.0h	08-07-2020	08-07-2020	No	
168	Connect wiring - sumps on train 3	1.0h	08-07-2020	08-07-2020	No	
169	PSSR authorisation - sumps on train 3	1.0h	08-07-2020	08-07-2020	No	
	Commission pH probe - sumps on					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
170	train 3	1.0h	08-07-2020	08-07-2020	No	
194	Electrical pre-work - C14 Temperature indication					
195	Installation of Coated conduit - C14 Temperature indication	2.0d	09-06-2020	10-06-2020	No	
196	Installation of Cabling - C14 Temperature indication	5.0d	11-06-2020	17-06-2020	No	
197	PLC/SCADA programming - C14					
198	PLC/SCADA programming - C14	4.0d	18-06-2020	23-06-2020	No	
206	Electrical installation - C14 Temperature indication					
207	Install Thermo couple - C14 Temperature indication	1.0h	22-06-2020	22-06-2020	No	
208	Route cable ends and terminate - Thermo couple - C14 Temperature indication	2.0h	22-06-2020	22-06-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
209	Commissioning - C14 Temperature indication					
211	PSSR authorisation - C14 Temperature indication	1.0h	22-06-2020	22-06-2020	No	
210	Test I/O - C14 Temperature indication	1.0h	22-06-2020	22-06-2020	No	
212	Commission integrated system - C14 Temperature indication	1.0h	23-06-2020	23-06-2020	No	
318	Electrical pre-work - C19 Automatic tap blowers SR					
320	Installation of Cabling - C19 Automatic tap blowers SR	10.0d	16-09-2020	29-09-2020	No	
319	Installation of Coated conduit - C19 Automatic tap blowers SR	4.0d	10-09-2020	15-09-2020	No	
367	Electrical pre-work - C21 Dual pH meters SR scrubber					
368	Installation of Coated conduit - C21 Dual pH meters SR scrubber	3.0d	21-07-2020	23-07-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
369	Installation of Cabling - C21 Dual pH meters SR scrubber	4.0d	24-07-2020	29-07-2020	No	
370	PLC/SCADA programming - C21					
371	PLC/SCADA programming - C21	4.0d	28-07-2020	31-07-2020	No	
377	Shutdown duration (SR Outage) - C14 Temperature indication					
382	PSSR authorisation	1.0h	29-08-2020	29-08-2020	No	
380	Install nozzle and fit pH probe	3.0h	28-08-2020	28-08-2020	No	
383	Commission pH probe	1.0h	29-08-2020	29-08-2020	No	
381	Connect wiring	1.0h	28-08-2020	29-08-2020	No	
418	Electrical pre-work - C24 Dual pH meters SO2 scrubbers					
420	Installation of Cabling - C24 Dual pH meters SO2 scrubbers	4.0d	31-07-2020	05-08-2020	No	
	Installation of Coated conduit -					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
419	C24 Dual pH meters SO2 scrubbers	3.0d	28-07-2020	30-07-2020	No	
421	PLC/SCADA programming - C24					
422	PLC/SCADA programming - C24	4.0d	04-08-2020	07-08-2020	No	
429	Installation pH meter train 1 scrubber D2501					
431	Install nozzle and fit pH probe - train 1 scrubber D2501	3.0h	04-09-2020	04-09-2020	No	
432	Connect wiring - train 1 scrubber D2501	1.0h	04-09-2020	04-09-2020	No	
434	Commission pH probe - train 1 scrubber D2501	1.0h	05-09-2020	05-09-2020	No	
433	PSSR authorisation - train 1 scrubber D2501	1.0h	04-09-2020	05-09-2020	No	
435	Installation pH meter train 2 scrubber D2531					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
438	Connect wiring - train 2 scrubber D2531	1.0h	12-09-2020	12-09-2020	No	
437	Install nozzle and fit pH probe - train 2 scrubber D2531	3.0h	12-09-2020	12-09-2020	No	
440	Commission pH probe - train 2 scrubber D2531	1.0h	12-09-2020	12-09-2020	No	
439	PSSR authorisation - train 2 scrubber D2531	1.0h	12-09-2020	12-09-2020	No	
441 Installation pH meter train 3 scrubber D3531						
445	PSSR authorisation - train 3 scrubber D3531	1.0h	19-09-2020	19-09-2020	No	
446	Commission pH probe - train 3 scrubber D3531	1.0h	19-09-2020	19-09-2020	No	
443	Install nozzle and fit pH probe - train 3 scrubber D3531	3.0h	19-09-2020	19-09-2020	No	
444	Connect wiring - train 3 scrubber D3531	1.0h	19-09-2020	19-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
546	Electrical pre-work - C35/SR1 Density indication F702					
548	Installation of Cabling - C35 Density indication F702	10.0d	26-05-2020	08-06-2020	No	
547	Installation of Coated conduit - C35 Density indication F702	4.0d	19-05-2020	22-05-2020	No	
549	Structural pre-work - C35/SR1 Density indication F702					
551	Install support for density meter - C35 Density indication F702	3.0d	22-05-2020	27-05-2020	No	
550	Fabricate support for density meter - C35 Density indication F702	4.0d	18-05-2020	21-05-2020	No	
552	Mechanical pre-work - C35/SR1 Density indication F702					
553	Install air supply piping - C35 Density indication F702	7.0d	19-05-2020	28-05-2020	No	
554	PLC/SCADA programming - C35/SR1					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
555	PLC/SCADA programming - C35/SR1	7.0d	05-06-2020	15-06-2020	No	
565	Electrical installation - C35/SR1 Density indication F702					
566	Route cable ends and terminate - 2" butterfly valve with positioner - C35/SR1 Density indication F702	1.0h	11-06-2020	11-06-2020	No	
567	Route cable ends and terminate - Micromotion - C35/SR1 Density indication F702	1.0h	11-06-2020	11-06-2020	No	
568	Mechanical installation - C35/SR1 Density indication F702					
569	Install 2" butterfly valve with positioner & connect air piping - C35/SR1 Density indication F702	3.0h	11-06-2020	11-06-2020	No	
570	Install Micromotion - C35/SR1 Density indication F702	4.0h	11-06-2020	11-06-2020	No	
571	Commissioning - C35/SR1 Density indication F702					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
575	Commission integrated system - C35/SR1 Density indication F702	2.0h	15-06-2020	15-06-2020	No	
574	PSSR authorisation - O5 Acid Scrubber pump/fill	1.0h	15-06-2020	15-06-2020	No	
572	Test control loops - C35/SR1 Density indication F702	2.0h	15-06-2020	15-06-2020	No	
573	Check valve stroking - C35/SR1 Density indication F702	1.0h	15-06-2020	15-06-2020	No	
598 Electrical pre-work - C38 Water to snake and sump scrubbers						
600	Installation of Cabling - C38 Water to snake and sump scrubbers	10.0d	15-06-2020	26-06-2020	No	
599	Installation of Coated conduit - C38 Water to snake and sump scrubbers	4.0d	09-06-2020	12-06-2020	No	
601 Mechanical pre-work - C38 Water to snake and sump scrubbers						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
602	Fabricate spools for Magmeter - C38 Water to snake and sump scrubbers	7.0d	03-06-2020	11-06-2020	No	
612	Electrical installation - C38 Water to snake and sump scrubbers					
613	Route cable ends and terminate - Magmeter - C38 Water to snake and sump scrubbers	1.0h	01-07-2020	01-07-2020	No	
614	Mechanical installation - C38 Water to snake and sump scrubbers					
615	Install Magmeter - C38 Water to snake and sump scrubbers	2.0h	01-07-2020	01-07-2020	No	
616	Commissioning - C38 Water to snake and sump scrubbers					
619	Commission integrated system - C38 Water to snake and sump scrubbers	1.0h	01-07-2020	01-07-2020	No	
618	PSSR authorisation - C38 Water to snake and sump scrubbers	1.0h	01-07-2020	01-07-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
617	Test circuits for Magmeter - C38 Water to snake and sump scrubbers	2.0h	01-07-2020	01-07-2020	No	
730	Electrical pre-work - O3 Garo pump/fill					
731	Installation of conduit racks and Coated conduit - O3 Garo pump /fill	4.0d	27-05-2020	01-06-2020	No	
732	Installation of Cabling - O3 Garo pump/fill	10.0d	02-06-2020	15-06-2020	No	
733	Structural pre-work - O3 Garo pump/fill					
734	Fabricate supports for auto valves - O3 Garo pump/fill	6.0d	18-05-2020	26-05-2020	No	
735	Install supports for auto valves - O3 Garo pump/fill	7.0d	27-05-2020	04-06-2020	No	
736	Mechanical pre-work - O3 Garo pump/fill					

Install air supply piping - O3 Garo



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
737	pump/fill	7.0d	03-06-2020	11-06-2020	No	
738	PLC/SCADA programming - O3					
739	PLC/SCADA programming - O3	51.0d	02-06-2020	11-08-2020	No	
745	Installation of auto valves - O3 Garo pump/fill					
750	Install Auto Valves on GARO compressor 3	6.0h	13-07-2020	13-07-2020	No	
764	Install Auto Valves on GARO compressor 10	6.0h	10-09-2020	10-09-2020	No	
752	Install Auto Valves on GARO compressor 4	6.0h	21-07-2020	21-07-2020	No	
762	Install Auto Valves on GARO compressor 9	6.0h	01-09-2020	01-09-2020	No	
748	Install Auto Valves on GARO compressor 2	6.0h	02-07-2020	02-07-2020	No	
	Install Auto Valves on GARO					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
754	compressor 5	6.0h	29-07-2020	29-07-2020	No	
756	Install Auto Valves on GARO compressor 6	6.0h	06-08-2020	06-08-2020	No	
746	Install Auto Valves on GARO compressor 1	6.0h	24-06-2020	24-06-2020	No	
758	Install Auto Valves on GARO compressor 7	6.0h	14-08-2020	14-08-2020	No	
760	Install Auto Valves on GARO compressor 8	6.0h	24-08-2020	24-08-2020	No	
831 Electrical pre-work - O5 Acid Scrubber pump/fill						
832	Installation of Coated conduit - O5 Acid Scrubber pump/fill	16.0d	16-06-2020	08-07-2020	No	
833 Installation of Cabling - O5 Acid Scrubber pump/fill						
836	Installation of cabling scrubber D5307 (F line) O5	6.0d	09-07-2020	16-07-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
839	Installation of cabling scrubber D307 (A line) O5	6.0d	04-08-2020	11-08-2020	No	
834	Installation of cabling scrubber D308 (B line) O5	6.0d	22-06-2020	29-06-2020	No	
837	Installation of cabling scrubber D2307 (D line) O5	6.0d	17-07-2020	24-07-2020	No	
835	Installation of cabling scrubber D2308 (E line) O5	6.0d	30-06-2020	08-07-2020	No	
838	Installation of cabling scrubber D2309 (C line) O5	6.0d	27-07-2020	03-08-2020	No	
840	Mechanical pre-work					
841	Installation of 3x junction boxes - O5 Acid Scrubber pump/fill	3.0d	09-06-2020	11-06-2020	No	
842	PLC/SCADA programming - O5					
843	PLC/SCADA programming - O5	27.0d	30-06-2020	05-08-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
850	Installation solenoid valves on scrubber D307 (A Line outage)					
855	Commission integrated system scrubber D307 - O5	2.0h	16-08-2020	16-08-2020	No	
852	Install solenoid valves (2) scrubber D307 - O5	4.0h	16-08-2020	16-08-2020	No	
854	PSSR authorisation scrubber D307 - O5	1.0h	16-08-2020	16-08-2020	No	
856	Installation solenoid valves on scrubber D308 (B Line outage)					
861	Commission integrated system scrubber D308 - O5	2.0h	09-08-2020	09-08-2020	No	
858	Install solenoid valves (2) scrubber D308 - O5	4.0h	09-08-2020	09-08-2020	No	
859	Terminate electrical wiring scrubber D308 - O5	1.0h	09-08-2020	09-08-2020	No	
860	PSSR authorisation scrubber D308 - O5	1.0h	09-08-2020	09-08-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
862 Installation solenoid valves on scrubber D2309 (C Line outage)						
866	PSSR authorisation scrubber D2309 - O5	1.0h	14-08-2020	14-08-2020	No	
867	Commission integrated system scrubber D2309 - O5	2.0h	14-08-2020	14-08-2020	No	
864	Install solenoid valves (2) scrubber D2309 - O5	4.0h	14-08-2020	14-08-2020	No	
865	Terminate electrical wiring scrubber D2309 - O5	1.0h	14-08-2020	14-08-2020	No	
868 Installation solenoid valves on scrubber D2307 (D Line outage)						
870	Install solenoid valves (2) scrubber D2307 - O5	4.0h	01-09-2020	01-09-2020	No	
872	PSSR authorisation scrubber D2307 - O5	1.0h	01-09-2020	01-09-2020	No	
871	Terminate electrical wiring scrubber D2307 - O5	1.0h	01-09-2020	01-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
873	Commission integrated system scrubber D2307 - O5	2.0h	01-09-2020	01-09-2020	No	
874	Installation solenoid valves on scrubber D2308 (E Line outage)					
876	Install solenoid valves (2) scrubber D2308 - O5	4.0h	23-08-2020	23-08-2020	No	
879	Commission integrated system scrubber D2308 - O5	2.0h	23-08-2020	23-08-2020	No	
878	PSSR authorisation scrubber D2308 - O5	1.0h	23-08-2020	23-08-2020	No	
877	Terminate electrical wiring scrubber D2308 - O5	1.0h	23-08-2020	23-08-2020	No	
880	Installation solenoid valves on scrubber D5307 (F Line outage)					
885	Commission integrated system scrubber D5307 - O5	2.0h	30-08-2020	30-08-2020	No	
884	PSSR authorisation scrubber D5307 - O5	1.0h	30-08-2020	30-08-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
882	Install solenoid valves (2) scrubber D5307 - O5	4.0h	30-08-2020	30-08-2020	No	
883	Terminate electrical wiring scrubber D5307 - O5	1.0h	30-08-2020	30-08-2020	No	
968 Electrical pre-work - O16 Automatic purge of TiCl4 Flowmeter taps						
969	Installation of Coated conduit - O16 Automatic purge of TiCl4 Flowmeter taps	16.0d	19-08-2020	10-09-2020	No	
1195 Civil pre-work - U7 Water treatment automation						
1198	Place formwork and fix rebar for pad - U7 water treatment automation	4.0d	09-06-2020	12-06-2020	No	
1200	Concrete curing - U7 water treatment automation	4.0d	16-06-2020	19-06-2020	No	
1199	Cast concrete pad - U7 water treatment automation	1.0d	15-06-2020	15-06-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1203	Concrete curing - U7 water treatment automation	15.0d	29-06-2020	20-07-2020	No	
1197	Delivery of materials: Civils contractor - U7 Water treatment automation	5.0d	02-06-2020	08-06-2020	No	
1201	Place formwork and fix rebar for tank - U7 water treatment automation	4.0d	22-06-2020	25-06-2020	No	
1202	Cast tank concrete plinths - U7 water treatment automation	1.0d	26-06-2020	26-06-2020	No	
1196	Concrete Contractor site establishment - U7 Water treatment automation	5.0d	26-05-2020	01-06-2020	No	
1204 Structural pre-work (building extension) - U7 Water treatment automation						
1206	Building erection by contractor - U7 Water treatment automation	6.0d	21-07-2020	28-07-2020	No	
1205	Contractor site establishment - U7 Water treatment automation	5.0d	30-06-2020	07-07-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1207	Building inspection and sign-off - U7 Water treatment automation	1.0d	29-07-2020	29-07-2020	No	
1208 Mechanical and Piping pre-work - U7 Water treatment automation						
1209	Install suction and delivery lines for pumps G5526 and G5527	2.0d	23-07-2020	24-07-2020	No	
1210 Density meter steelwork						
1212	Install support for density meter - U7 Water treatment automation	3.0d	22-07-2020	24-07-2020	No	
1211	Fabricate support for density meter - U7 Water treatment automation	4.0d	16-07-2020	21-07-2020	No	
1213 PLC/SCADA programming - U7						
1214	PLC/SCADA programming - U7	8.0d	21-07-2020	30-07-2020	No	
1219 Shutdown duration						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1220	FIRST Shutdown starts - U7 Water treatment automation	0.0d	29-07-2020	29-07-2020	No	
1222	Reconnect piping & tie in - U7 Water treatment automation	2.0h	29-07-2020	29-07-2020	No	
1221	Remove two pumps at G5526 and G5527 and re-install at F3521 and F3522 : U7 Water treatment automation	4.0h	29-07-2020	29-07-2020	No	
1223	Terminate electrical cables - U7 Water treatment automation	1.0h	29-07-2020	29-07-2020	No	
1224	Commission pumps - U7 Water treatment automation	1.0h	30-07-2020	30-07-2020	No	
1226 Moving of 2 Tanks F5522 and F5521						
1228	Install air supply piping - U7 Water treatment automation	3.0d	30-07-2020	03-08-2020	No	
1227	Move tanks F5522 and F5521 to new building	2.0d	31-07-2020	03-08-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1229	Install additional piping for water and floc addition - U7 Water treatment automation	7.0d	04-08-2020	12-08-2020	No	
1230	Install treated water line - U7 Water treatment automation	7.0d	13-08-2020	21-08-2020	No	
1231 Installation of Nalco skid						
1233	Connect piping Nalco skid	2.0d	07-08-2020	10-08-2020	No	
1232	Install Nalco skid	3.0d	04-08-2020	06-08-2020	No	
1235 Electrical work - U7 Water treatment automation						
1237	Installation of Cabling - U7 Water treatment automation	10.0d	05-08-2020	18-08-2020	No	
1236	Installation of Coated conduit - U7 Water treatment automation	4.0d	30-07-2020	04-08-2020	No	
1245 Shutdown duration - U7 Water treatment automation						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1247	Tie in piping - U7 Water treatment automation	4.0h	26-08-2020	26-08-2020	No	
1246	Shutdown starts - U7 Water treatment automation	0.0d	26-08-2020	26-08-2020	No	
1248	Tie in electrical - U7 Water treatment automation	1.0h	26-08-2020	26-08-2020	No	
1250	Commissioning - U7 Water treatment automation	8.0h	26-08-2020	27-08-2020	No	
1249	PSSR authorisation - U7 Water treatment	1.0h	26-08-2020	26-08-2020	No	
1286 Electrical pre-work - U8 Plant steam balance						
1287	Installation of Coated conduit - U8 Plant steam balance	10.0d	29-07-2020	11-08-2020	No	
1288	Installation of Cabling - U8 Plant steam balance	12.0d	12-08-2020	27-08-2020	No	
1289 Structural pre-work - U8 Plant steam balance						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1290	Fabricate pipe supports - U8 Plant steam balance	4.0d	27-07-2020	30-07-2020	No	
1291 Mechanical pre-work - U8 Plant steam balance						
1292	Fabricate spools - U8 Plant steam balance	10.0d	29-07-2020	11-08-2020	No	
1293 PLC/SCADA programming - U8						
1294	PLC/SCADA programming - U8	4.0d	26-08-2020	31-08-2020	No	
1314 Vortex meter #3 (303 - Line C outage)						
1316	Install vortex meter & terminate cabling #3	8.0h	13-09-2020	13-09-2020	No	
1320 Vortex meter #4 (E2304 - Line D outage)						
1322	Install vortex meter & terminate cabling #4	8.0h	06-09-2020	06-09-2020	No	
1326 Vortex meter #5 (1304 - Line D outage)						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1330	PSSR authorisation vortex meter #5	1.0h	06-09-2020	06-09-2020	No	
1331	Commission integrated system vortex meter #5	2.0h	06-09-2020	06-09-2020	No	
1328	Install vortex meter & terminate cabling #5	8.0h	06-09-2020	06-09-2020	No	
1351 Vortex meter #9 (B5401 - Train 2 outage)						
1355	PSSR authorisation vortex meter #9	1.0h	08-09-2020	08-09-2020	No	
1353	Install vortex meter & terminate cabling #9	8.0h	04-09-2020	05-09-2020	No	
1356	Commission integrated system vortex meter #9	2.0h	08-09-2020	08-09-2020	No	
1357 Vortex meter #10 (B3401 - Train 2 outage)						
1359	Install vortex meter & terminate cabling #10	8.0h	15-09-2020	15-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1362	Commission integrated system vortex meter #10	2.0h	16-09-2020	16-09-2020	No	
1361	PSSR authorisation vortex meter #10	1.0h	16-09-2020	16-09-2020	No	
1445 Electrical pre-work - U9 Chems make-up automation						
1447	Installation of Cabling - U9 Chems make-up automation	15.0d	27-08-2020	17-09-2020	No	
1446	Installation of Coated conduit - U9 Chems make-up automation	6.0d	19-08-2020	26-08-2020	No	
1448 PLC/SCADA programming - U9						
1449	PLC/SCADA programming - U9	12.0d	10-08-2020	25-08-2020	No	
1561 PLC/SCADA programming - U20						
1562	PLC/SCADA programming - U20	47.0d	22-06-2020	25-08-2020	No	
1565 Installation in MCC5GH						



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1567	Install wiring from wireless system to PLC cabinet	1.0d	15-07-2020	15-07-2020	No	
1568	Install 4-20mA wiring to DCS cabinet	1.0d	16-07-2020	16-07-2020	No	
1566	Install wireless system in MCC5GH	2.0d	13-07-2020	14-07-2020	No	
1569 Installation of repeater pole						
1570	Dig hole and plant pole for radio repeater	1.0d	08-07-2020	08-07-2020	No	
1571	Install radio repeater	1.0d	09-07-2020	09-07-2020	No	
1572 Installation Well #5						
1579	Commission well #5	1.0h	26-08-2020	26-08-2020	No	
1576	Install well #5 solenoid valve	1.0h	26-08-2020	26-08-2020	No	
1578	PSSR authorisation well #5	1.0h	26-08-2020	26-08-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1575	Install well #5 flow switch	1.0h	26-08-2020	26-08-2020	No	
1577	Install well #5 wiring	1.0h	26-08-2020	26-08-2020	No	
1573	Stop well #5 pump and lock out	1.0h	26-08-2020	26-08-2020	No	
1574	Install well #5 pressure transmitter	1.0h	26-08-2020	26-08-2020	No	
1580 Installation Well #11						
1584	Install well #11 solenoid valve	1.0h	03-09-2020	03-09-2020	No	
1587	Commission well #11	1.0h	03-09-2020	03-09-2020	No	
1582	Install well #11 pressure transmitter	1.0h	03-09-2020	03-09-2020	No	
1585	Install well #11 wiring	1.0h	03-09-2020	03-09-2020	No	
1581	Stop well #11 pump and lock out	1.0h	02-09-2020	02-09-2020	No	
1586	PSSR authorisation well #11	1.0h	03-09-2020	03-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1583	Install well #11 flow switch	1.0h	03-09-2020	03-09-2020	No	
1588 Installation Well #13						
1590	Install well #13 pressure transmitter	1.0h	11-09-2020	11-09-2020	No	
1594	PSSR authorisation well #13	1.0h	14-09-2020	14-09-2020	No	
1592	Install well #13 solenoid valve	1.0h	14-09-2020	14-09-2020	No	
1589	Stop well #13 pump and lock out	1.0h	11-09-2020	11-09-2020	No	
1595	Commission well #13	1.0h	14-09-2020	14-09-2020	No	
1591	Install well #13 flow switch	1.0h	14-09-2020	14-09-2020	No	
1593	Install well #13 wiring	1.0h	14-09-2020	14-09-2020	No	
1596 Installation Well #14						
1599	Install well #14 flow switch	1.0h	21-09-2020	21-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1600	Install well #14 solenoid valve	17.0h	22-09-2020	24-09-2020	No	
1598	Install well #14 pressure transmitter	1.0h	21-09-2020	21-09-2020	No	
1597	Stop well #14 pump and lock out	1.0h	21-09-2020	21-09-2020	No	
1636 Electrical pre-work - U23 Level instrumentation Chemical tanks						
1637	Installation of Coated conduit - U23 Level instrumentation Chemical tanks	4.0d	18-09-2020	23-09-2020	No	
1734 Mechanical pre-work - F241 Water purge for Multiverter radar						
1735	Install air supply and water supply piping - F241 Water purge for Multiverter radar	7.0d	18-08-2020	27-08-2020	No	
1794 Mechanical pre-work - F570 remote monitoring of Silo valves						
1795	Install Enclosures and PLC racks - F570 remote monitoring of Silo valves	7.0d	21-09-2020	29-09-2020	No	



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1844 Mechanical pre-work - F580 Pigment bin level instrument purge						
1845	Install air lines - F580 Pigment bin level instrument purge	2.0d	19-08-2020	20-08-2020	No	
1884 Electrical pre-work - F920 Continuous blending from F-409						
1885	Installation of Coated conduit - F920 Continuous blending from F-409	4.0d	18-09-2020	23-09-2020	No	
1887 Structural pre-work - F920 Continuous blending from F-409						
1889	Install support for new header - F920 Continuous blending from F-409	2.0d	19-08-2020	20-08-2020	No	
1888	Fabricate support for new header - F920 Continuous blending from F-409	2.0d	17-08-2020	18-08-2020	No	
1890 Mechanical pre-work - F920 Continuous blending from F-409						
	Install Allen Bradley HOA					



Name: Eric B**Status Date: 2020-09-08**

ID	Name	Duration	Start	Finish	Started	Notes
1892	stations - F920 Continuous blending from F-409	1.0d	19-08-2020	19-08-2020	No	