

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022-2026																																						
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
DDA-1140	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	25-Feb-22	27-Dec-22	21-Feb-23	361	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1150	Building Services for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	25-Feb-22	27-Dec-22	21-Feb-23	361	Building Services for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-420	Arch. for STCS, Waste Gas Burner & Guard Hse - Prepare (60d), Sub. & Review(45d), Com. & Resub.(14d) & Approval (7d)	126	05-Oct-21 A	04-Apr-22	26-May-22	28-Aug-22	146	Arch. for STCS, Waste Gas Burner & Guard Hse - Prepare (60d), Sub. & Review(45d), Com. & Resub.(14d) & Approval (7d)																																						
DDA-440	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	09-Nov-21 A	09-Apr-22	14-Nov-22	21-Feb-23	318	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-430	Found. for STCS, Waste Gas Burner & Guard Hse - Prepare(60d), Sub.&Review(45d), Comment & Resub.(14d), GEO(28d) & Approval (7d)	126	06-Mar-22	09-Jul-22	30-Jul-22	02-Dec-22	146	Found. for STCS, Waste Gas Burner & Guard Hse - Prepare(60d), Sub.&Review(45d), Comment & Resub.(14d), GEO(28d) & Approval (7d)																																						
Package 7 - CLP Substation and 11kV Switchgear House								170	01-Jun-21 A	25-Feb-22	15-Mar-22	04-Oct-22	221																																	
DDA-450	Found. for CLP Sub. & 11kV Switchgear Hse - Prepare (30d), Sub.&Review(30d), Comment&Resub.(14d), GEO(28d) & Approval (7d)	82	01-Jun-21 A	11-Feb-22	15-Mar-22	26-Apr-22	74	Found. for CLP Sub. & 11kV Switchgear Hse - Prepare (30d), Sub.&Review(30d), Comment&Resub.(14d), GEO(28d) & Approval (7d)																																						
DDA-460	Civil&Struct. for CLP Sub. & 11kV Switchgear Hse - Prep. (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval(7d)	82	01-Jun-21 A	11-Feb-22	15-Mar-22	26-Apr-22	74	Civil&Struct. for CLP Sub. & 11kV Switchgear Hse - Prep. (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval(7d)																																						
DDA-470	Electrical System for all facilities - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	01-Jun-21 A	25-Feb-22	15-Mar-22	10-May-22	74	Electrical System for all facilities - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-490	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	01-Jun-21 A	25-Feb-22	13-Jun-22	08-Aug-22	164	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-480	UPS System for CLP Sub. & 11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	168	03-Jun-21 A	25-Feb-22	09-Aug-22	04-Oct-22	221	UPS System for CLP Sub. & 11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1160	Earthing & Lighting System Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	02-Jul-21 A	25-Feb-22	15-Mar-22	10-May-22	74	Earthing & Lighting System Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1450	VCAB, FSD & WSD Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	02-Jul-21 A	25-Feb-22	15-Mar-22	10-May-22	74	VCAB, FSD & WSD Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
Package 8 - Advance Works and SCADA Relocation								78	04-May-21 A	25-Feb-22	04-Feb-22	01-Apr-22	35																																	
DDA-520	BS for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	78	04-May-21 A	25-Feb-22	04-Feb-22	01-Apr-22	35	BS for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-500	Mechanical for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	78	22-May-21 A	25-Feb-22	04-Feb-22	01-Apr-22	35	Mechanical for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-510	Electrical & Control for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	78	04-Jun-21 A	18-Feb-22	11-Feb-22	01-Apr-22	42	Electrical & Control for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-530	E&M for Advance Works - SCADA Relocation - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	76	24-Jun-21 A	25-Feb-22	04-Feb-22	01-Apr-22	35	E&M for Advance Works - SCADA Relocation - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
Package 9 - Inlet Work (IW)								233	10-Jun-21 A	10-Mar-22	24-Nov-22	03-Mar-23	358																																	
DDA-1170	Civil Req. Drawing for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	82	10-Jun-21 A	25-Feb-22	24-Nov-22	19-Jan-23	328	Civil Req. Drawing for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1180	PID for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	82	10-Jun-21 A	25-Feb-22	24-Nov-22	19-Jan-23	328	PID for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1190	Mechanical for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	09-Aug-21 A	25-Feb-22	24-Nov-22	19-Jan-23	328	Mechanical for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1200	Electrical & Control for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	31-Aug-21 A	25-Feb-22	24-Nov-22	19-Jan-23	328	Electrical & Control for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1210	Building Services for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	76	15-Oct-21 A	10-Mar-22	30-Dec-22	03-Mar-23	358	Building Services for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
Package 10 - Primary Sedimentation Tank (PST)								230	01-Jun-21 A	04-Mar-22	16-Aug-23	18-Oct-23	593																																	
DDA-1220	Civil Req. Drawing for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	98	01-Jun-21 A	25-Feb-22	16-Aug-23	11-Oct-23	593	Civil Req. Drawing for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1230	PID for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	98	01-Jun-21 A	25-Feb-22	16-Aug-23	11-Oct-23	593	PID for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1240	Mechanical for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	98	01-Jun-21 A	25-Feb-22	16-Aug-23	11-Oct-23	593	Mechanical for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1250	Electrical & Control for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	48	31-Aug-21 A	25-Feb-22	16-Aug-23	11-Oct-23	593	Electrical & Control for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1260	Building Services for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	01-Oct-21 A	04-Mar-22	16-Aug-23	18-Oct-23	593	Building Services for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																																						
Package 11 - Control and Monitoring System								322	31-Aug-21 A	17-Aug-22	08-Dec-22	24-Feb-23	191																																	
DDA-550	Supervisory Control&Data Application (SCADA) System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	31-Aug-21 A	17-Jan-22	07-Jan-23	25-Jan-23	373	Supervisory Control&Data Application (SCADA) System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
DDA-580	Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	02-Oct-21 A	16-Feb-22	07-Jan-23	24-Feb-23	373	Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
DDA-560	Computerised Maintenance Management System (CMMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	01-Jun-22*	17-Aug-22	08-Dec-22	24-Feb-23	191	Computerised Maintenance Management System (CMMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
DDA-570	Information and Document management System (IDMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	01-Jun-22	17-Aug-22	08-Dec-22	24-Feb-23	191	Information and Document management System (IDMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
DDA-1270	Gas Detection System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	01-Jun-22	17-Aug-22	08-Dec-22	24-Feb-23	191	Gas Detection System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
DDA-1280	Data Collection, Management, Analysis, & Model System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	01-Jun-22	17-Aug-22	08-Dec-22	24-Feb-23	191	Data Collection, Management, Analysis, & Model System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																																						
Package 12 - Chemical System for STB								126	06-Jul-22	08-Nov-22	29-Oct-22	03-Mar-23	115																																	
DDA-650	Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	06-Jul-22	08-Nov-22	29-Oct-22	03-Mar-23	115	Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																																						
Package 13 - Pipework System								389	18-Sep-21 A	26-Oct-22	21-Jul-22	03-Jun-24	586																																	
DDA-670	Pipeworks System for Primary Sedimentation Tanks (PST) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	123	18-Sep-21 A	02-Mar-22	21-Jul-22	20-Sep-22	202	Pipeworks System for Primary Sedimentation Tanks (PST) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																																						
DDA-680	Pipeworks System for Biogas Holder (BH) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	123	18-Sep-21 A	02-Mar-22	21-Jul-22	20-Sep-22	202	Pipeworks System for Biogas Holder (BH) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																																						
DDA-690	Pipeworks System for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	17-Feb-22	22-Jun-22	08-Nov-22	13-Mar-23	264	Pipeworks System for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																																						
DDA-700	Pipeworks System for Utility Corridor&Pipe Portal (UC/PP) - Prep(103d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	126	17-Feb-22	22-Jun-22	08-Nov-22	13-Mar-23	264	Pipeworks System for Utility Corridor&Pipe Portal (UC/PP) - Prep(103d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)																																						
DDA-1030	Pipeworks System for Sludge Digesters - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	17-Feb-22	22-Jun-22	26-Sep-23	29-Jan-24	586	Pipeworks System for Sludge Digesters - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																																						
DDA-660	Pipeworks System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	23-Jun-22	26-Oct-22	30-Jan-24	03-Jun-24	586	Pipeworks System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																																						
Package 14 - Sludge Anaerobic Digestion System (SDT)								543	02-Jul-21 A	26-Dec-22	03-Jan-22	25-Sep-24	639																																	
DDA-1320	Electrical & Control for SDT & UC/PP - Prepare (55d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	121	02-Jul-21 A	25-Feb-22	31-Mar-24	26-May-24	821	Electrical & Control for SDT & UC/PP - Prepare (55d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1290	Civil Req. Drawing for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	113	10-Jul-21 A	21-Feb-22	03-Jan-22	24-Feb-22	3	Civil Req. Drawing for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1300	PID for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	113	10-Jul-21 A	25-Feb-22	10-Dec-23	04-Feb-24	709	PID for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1310	Mechanical for SDT & UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	113	10-Jul-21 A	25-Feb-22	10-Dec-23	04-Feb-24	709	Mechanical for SDT & UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1340	Civil Req. Drawing for UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	113	10-Jul-21 A	25-Feb-22	01-Oct-23	26-Nov-23	639	Civil Req. Drawing for UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
DDA-1330	Building Services for SDT & UC/PP - Prepare (56d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	122	27-Aug-22	26-Dec-22	27-May-24	25-Sep-24	639	Building Services for SDT & UC/PP - Prepare (56d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																																						
Package 15 - Biogas H2S Removal, Storage and Delivery System								313	13-Jul-21 A	21-May-22	03-Jan-22	20-Sep-22	122																																	
DDA-1360	PID for Biogas H2S Removal, Storage and Delivery System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	75	13-Jul-21 A	04-Mar-22	03-Jan-22	07-Mar-22	3	PID for Biogas H2S Removal, Storage and Delivery System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1350	Civil Req. Drawing for Biogas Storage&Delivery System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	31-Aug-21 A	09-Feb-22	03-Jan-22	12-Feb-22	3	Civil Req. Drawing for Biogas Storage&Delivery System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1380	Electrical & Control for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	25-Feb-22	13-May-22	05-Jul-22	20-Sep-22	130	Electrical & Control for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1390	Building Services for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	25-Feb-22	13-May-22	05-Jul-22	20-Sep-22	130	Building Services for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1400	Civil Req. Drawing for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	25-Feb-22	13-May-22	05-Jul-22	20-Sep-22	130	Civil Req. Drawing for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1370	Mechanical for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	05-Mar-22	21-May-22	05-Jul-22	20-Sep-22	122	Mechanical for Biogas H2S Removal System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
Package 16 - Deodorization Unit System								78	28-Feb-22*	16-May-22	25-Dec-23	11-Mar-24	665																																	
DDA-1410	PID for DOU System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	28-Feb-22*	16-May-22	25-Dec-23	11-Mar-24	665	PID for DOU System - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1420	Mechanical for DOU No. 1 - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	28-Feb-22	16-May-22	25-Dec-23	11-Mar-24	665	Mechanical for DOU No. 1 - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1430	Mechanical for DOU No. 2A and 2B - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	28-Feb-22	16-May-22	25-Dec-23	11-Mar-24	665	Mechanical for DOU No. 2A and 2B - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
DDA-1440	Mechanical for DOU No. 3 - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)	78	28-Feb-22	16-May-22	25-Dec-23	11-Mar-24	665	Mechanical for DOU No. 3 - Prepare(28d), Sub& Review(28d), Comment&Resub(14d)&Approval (7d)																																						
Package 17 - Sludge Dewatering Building (SDB)								718	07-Jun-21 A	25-May-23	27-Sep-23	17-Feb-25	634																																	
DDA-890	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	07-Jun-21 A	04-Mar-22	16-Dec-24	17-Feb-25	1081	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																																						
DDA-900	Found. for Sludge Dewatering Building (

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022 2023 2024 2025 2026 2027 2028																																			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
PRE-240	Submit/Procure/Manufacture/Deliver TTS & Auxiliary Facility Equip.	270	09-Nov-20 A	31-Dec-21	19-Dec-23	19-Dec-23	718	Submit/Procure/Manufacture/Deliver TTS & Auxiliary Facility Equip.																																			
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.	270	09-Nov-20 A	31-Dec-21	09-Jan-24	09-Jan-24	739	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.																																			
PRE-210	Submit/Procure/Manufacture/Deliver New Inlet Works Equip.	180	09-Nov-20 A	07-May-21 A				Submit/Procure/Manufacture/Deliver New Inlet Works Equip.																																			
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.	180	09-Nov-20 A	07-May-21 A				Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.																																			
PRE-250	Submit/Procure/Manufacture/Deliver Thickening System Digestion/sludge holding Tanks	300	09-Nov-20 A	04-Jan-22	07-Mar-24	11-Mar-24	797	Submit/Procure/Manufacture/Deliver Thickening System Digestion/sludge holding Tanks																																			
PRE-260	Submit/Procure/Manufacture/Deliver Diversion Works	44	09-Nov-20 A	22-Dec-20 A				Submit/Procure/Manufacture/Deliver Diversion Works																																			
Site Establishment Works		1432	09-Nov-20 A	05-Jun-25	31-Dec-21	20-Jun-26	759																																				
PG-100	Prepare/Submit Supplementary Contamination Assessment Plan (CAP)	12	21-Dec-20 A	06-Jan-21 A				Prepare/Submit Supplementary Contamination Assessment Plan (CAP)																																			
PG-120	Procurement Asbestos Specialist	30	21-Dec-20 A	19-Jan-21 A				Procurement Asbestos Specialist																																			
PG-110	Approved Supplementary CAP	30	07-Jan-21 A	05-Feb-21 A				Approved Supplementary CAP																																			
PG-130	Submit/Approve Methos Statement for Asbestos Treatment and Removal	30	20-Jan-21 A	18-Feb-21 A				Submit/Approve Methos Statement for Asbestos Treatment and Removal																																			
Portion 1 - IW Stage 1, PST, MBR, AF, TTS, STCS, Utilities Corridor, Pipe Portal		147	09-Nov-20 A	14-May-21 A																																							
P1-100	Portion 1 - Initial Survey and Record, Underground Utilities Detection	60	09-Nov-20 A	20-Jan-21 A				Portion 1 - Initial Survey and Record, Underground Utilities Detection																																			
P1-120	Portion 1 - Land Contamination Site Investigation	13	06-Feb-21 A	27-Feb-21 A				Portion 1 - Land Contamination Site Investigation																																			
P1-110	Portion 1 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	48	08-Feb-21 A	15-Apr-21 A				Portion 1 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																																			
P1-200	Portion 1 - Asbestos Survey	18	19-Feb-21 A	11-Mar-21 A				Portion 1 - Asbestos Survey																																			
P1-130	Portion 1 - Submit/Approve CAR and RAP	18	01-Mar-21 A	20-Mar-21 A				Portion 1 - Submit/Approve CAR and RAP																																			
P1-210	Portion 1 - Asbestos Removal	48	12-Mar-21 A	12-May-21 A				Portion 1 - Asbestos Removal																																			
P1-140	Portion 1 - Carry out RAP	24	22-Mar-21 A	22-Apr-21 A				Portion 1 - Carry out RAP																																			
P1-150	Portion 1 - Submit Remediation Report	18	23-Apr-21 A	14-May-21 A				Portion 1 - Submit Remediation Report																																			
Portion 2 - IW Stage 2		92	08-Jun-21 A	30-Oct-21 A																																							
P2-100	Portion 2 - Initial Survey and Record, Underground Utilities Detection	12	08-Jun-21 A	22-Jun-21 A				Portion 2 - Initial Survey and Record, Underground Utilities Detection																																			
P2-110	Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	08-Jun-21 A	22-Jun-21 A				Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																																			
P2-120	Portion 2 - Land Contamination Site Investigation	18	14-Jul-21 A	30-Oct-21 A				Portion 2 - Land Contamination Site Investigation																																			
P2-140	Portion 2 - Carry out RAP	24	19-Jul-21 A	26-Aug-21 A				Portion 2 - Carry out RAP																																			
P2-150	Submit Remediation Report	7	27-Aug-21 A	27-Aug-21 A				Submit Remediation Report																																			
Portion 3 - PST, SDB, Admin. Bldg		69	27-Jan-24	27-Apr-24	17-Feb-24	13-May-24	12																																				
P3-100	Portion 3 - Initial Survey and Record, Underground Utilities Detection	12	27-Jan-24	16-Feb-24	17-Feb-24	01-Mar-24	12	Portion 3 - Initial Survey and Record, Underground Utilities Detection																																			
P3-110	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	17	27-Jan-24	22-Feb-24	17-Feb-24	07-Mar-24	12	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																																			
P3-120	Portion 3 - Land Contamination Site Investigation	10	23-Feb-24	05-Mar-24	08-Mar-24	19-Mar-24	12	Portion 3 - Land Contamination Site Investigation																																			
P3-140	Portion 3 - Carry out RAP	24	06-Mar-24	06-Apr-24	20-Mar-24	20-Apr-24	12	Portion 3 - Carry out RAP																																			
P3-150	Portion 3 - Submit Remediation Report	18	08-Apr-24	27-Apr-24	22-Apr-24	13-May-24	12	Portion 3 - Submit Remediation Report																																			
Portion 4 - EVA		54	27-Mar-25	05-Jun-25	16-Apr-26	20-Jun-26	307																																				
P4-100	Portion 4 - Initial Survey and Record, Underground Utilities Detection	12	27-Mar-25	10-Apr-25	06-Jun-26	20-Jun-26	349	Portion 4 - Initial Survey and Record, Underground Utilities Detection																																			
P4-110	Portion 4 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	27-Mar-25	10-Apr-25	06-Jun-26	20-Jun-26	349	Portion 4 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																																			
P4-120	Portion 4 - Land Contamination Site Investigation	12	27-Mar-25	10-Apr-25	16-Apr-26	29-Apr-26	307	Portion 4 - Land Contamination Site Investigation																																			
P4-140	Portion 4 - Carry out RAP	24	11-Apr-25	14-May-25	30-Apr-26	29-May-26	307	Portion 4 - Carry out RAP																																			
P4-150	Portion 4 - Submit Remediation Report	18	15-May-25	05-Jun-25	30-May-26	20-Jun-26	307	Portion 4 - Submit Remediation Report																																			
Portion 5 - Walkway		12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697																																				
P5-100	Portion 5 - Initial Survey and Record, Underground Utilities Detection	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697	Portion 5 - Initial Survey and Record, Underground Utilities Detection																																			
P5-110	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																																			
Temporary Transformer 1600A		69	23-Aug-21 A	28-Feb-22	31-Dec-21	01-Mar-22	1																																				
1600A-0010	Site Inspection and Design Submission Preparation	10	23-Aug-21 A	03-Sep-21 A				Site Inspection and Design Submission Preparation																																			
1600A-0020	Design review and MS Submission & Approval	8	30-Aug-21 A	08-Sep-21 A				Design review and MS Submission & Approval																																			
1600A-0030	Trial Holes Opening & UU Facility Checking	2	08-Sep-21 A	10-Sep-21 A				Trial Holes Opening & UU Facility Checking																																			
1600A-0040	Site Clearing, Flatten & Formation	27	10-Sep-21 A	15-Oct-21 A				Site Clearing, Flatten & Formation																																			
1600A-0050	Cable Diversion for UU Cables	11	18-Oct-21 A	30-Oct-21 A				Cable Diversion for UU Cables																																			
1600A-0060	Substation Trench Excavation	3	15-Nov-21 A	18-Nov-21 A				Substation Trench Excavation																																			
1600A-0070	Rebar Fixing and RC Works (Trench & Floor Slab); Scaffolding Works for Platform	28	14-Dec-21 A	16-Feb-22	31-Dec-21	16-Feb-22	0	Rebar Fixing and RC Works (Trench & Floor Slab); Scaffolding Works for Platform																																			
1600A-0080	ABWF & E&M works	6	17-Feb-22	23-Feb-22	18-Feb-22	24-Feb-22	1	ABWF & E&M works																																			
P5-160	LV switchboard metering	2	17-Feb-22	18-Feb-22*	17-Feb-22	18-Feb-22	0	LV switchboard metering																																			
1600A-0090	Defects Rectification	3	24-Feb-22	26-Feb-22	25-Feb-22	28-Feb-22	1	Defects Rectification																																			
P5-140	CLP Inspection	1	28-Feb-22	28-Feb-22	01-Mar-22	01-Mar-22	1	CLP Inspection																																			
P5-150	Energization of Temporary Transformer	0		28-Feb-22*		01-Mar-22	1	Energization of Temporary Transformer																																			
PM and Contractor Accomodation		406	18-Feb-21 A	07-Jun-22	07-Jan-22	08-Nov-27	1698																																				
Project Manager's & Contractor Site Accomodation		273	18-Feb-21 A	05-Mar-22	07-Jan-22	08-Nov-27	1686																																				
PMCA-110	Design and Procurement of MIC	45	18-Feb-21 A	15-Apr-21 A				Design and Procurement of MIC																																			
PMCA-140	Submission and approved MS & PMAC	18	16-Apr-21 A	07-May-21 A				Submission and approved MS & PMAC																																			
MIC Section		90	31-Aug-21 A	05-Mar-22	07-Jan-22	08-Nov-27	1686																																				
PMCA-150	Construction of Pad Footing	6	31-Aug-21 A	06-Sep-21 A				Construction of Pad Footing																																			
PMCA-160	Construction of Sewage pipeworks and Septic Tank	17	07-Sep-21 A	27-Sep-21 A				Construction of Sewage pipeworks and Septic Tank																																			
PMCA-170	Construction of G/F Structure Works	16	09-Sep-21 A	20-Oct-21 A				Construction of G/F Structure Works																																			
PMCA-210	Installation of E&M and ABWF Works	12	11-Oct-21 A	16-Dec-21 A				Installation of E&M and ABWF Works																																			
PMCA-180	Construction of 1/F Structure Works	18	18-Oct-21 A	31-Oct-21 A				Construction of 1/F Structure Works																																			
PMCA-190	Installation of Green Roof	16	09-Nov-21 A	05-Mar-22	13-Sep-27	08-Nov-27	1686	Installation of Green Roof																																			
PMCA-230	Construction of Rain and Surface Water Drainage Works	10	12-Nov-21 A	30-Nov-21 A				Construction of Rain and Surface Water Drainage Works																																			
PMCA-220	Installation of Energy Efficient Features	12	01-Dec-21 A	14-Dec-21 A				Installation of Energy Efficient Features																																			
PMCA-200	Fabrication & Construction of Covered Car Park	39	01-Dec-21 A	18-Jan-22	07-Jan-22	24-Jan-22	5	Fabrication & Construction of Covered Car Park																																			
PMCA-260	Completion of PM MIC	0		16-Dec-21 A				Completion of PM MIC																																			
Caving System		121	17-Jan-22	07-Jun-22	17-Jan-22	07-Jun-22	1																																				
PMCA-240	Caving System Construction	48	17-Jan-22*	19-Mar-22	17-Jan-22	21-Mar-22	1	Caving System Construction																																			
PMCA-250	Caving System Installation (Set-Up & T&C)	60	21-Mar-22	06-Jun-22	21-Mar-22	07-Jun-22	1	Caving System Installation (Set-Up & T&C)																																			
PMCA-270	Completion of Caving system	0		07-Jun-22*		07-Jun-22	1	Completion of Caving system																																			
FSI, FSD and OP Requirements		614	15-Oct-21 A	16-Oct-23	24-Nov-22	11-Mar-24	1272																																				
FSI Submission & Approval		411	15-Oct-21 A	21-Feb-23	24-Nov-22	15-Jan-24	1475																																				



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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart (2022-2028)																											
								2022	2023	2024	2025	2026	2027	2028																					
ATALGA-1210	Seeding, process start-up and T&C	52	22-Mar-22	27-May-22	19-Jul-23	16-Sep-23	387	[Gantt bar: 2022 Q1-Q2, 2023 Q1-Q2, 2024 Q1-Q2, 2025 Q1-Q2, 2026 Q1-Q2, 2027 Q1-Q2, 2028 Q1-Q2]																											
ATALGA-1270	Post-commissioning	139	28-May-22	11-Nov-22	18-Sep-23	11-Mar-24	387	[Gantt bar: 2022 Q2, 2023 Q2, 2024 Q2, 2025 Q2, 2026 Q2, 2027 Q2, 2028 Q2]																											
Zone 1 Construction		1878	09-Nov-20 A	08-Nov-26	31-Dec-21	08-Nov-27	313																												
Temporary Works Design		1037	03-Oct-21 A	22-Mar-25	09-Sep-22	08-Nov-27	823																												
IW and PST		0	03-Oct-21 A	25-Oct-21 A																															
TWD-1010	ELS for IW(Inlet works) & PST(Primary Sedimentation Tanks (Stage 1) - Consent Date	0		03-Oct-21 A				[Gantt bar: 2021 Q4, 2022 Q1]																											
TWD-1020	ELS for IW(Inlet works) & PST(Primary Sedimentation Tanks (Stage 2) - Consent Date	0		25-Oct-21 A				[Gantt bar: 2021 Q4, 2022 Q1]																											
SDB		668	16-Jul-22	13-May-24	09-Sep-22	07-Jul-24	55																												
TWD-1030	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - ICE Period Submission	31	16-Jul-22*	15-Aug-22	09-Sep-22	09-Oct-22	55	[Gantt bar: 2022 Q2, 2023 Q1]																											
TWD-1060	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - ICE Review Period	31	16-Aug-22	15-Sep-22	10-Oct-22	09-Nov-22	55	[Gantt bar: 2022 Q2, 2023 Q1]																											
TWD-1070	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - PM Review Period	46	16-Sep-22	31-Oct-22	10-Nov-22	25-Dec-22	55	[Gantt bar: 2022 Q2, 2023 Q1]																											
TWD-1080	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - Consent Date	0		13-May-24*		07-Jul-24	55	[Gantt bar: 2024 Q1, 2025 Q1]																											
ADB		707	21-Sep-22	27-Aug-24	16-Nov-22	22-Oct-24	56																												
TWD-1040	Excavation for Administration Building (ADB) - ICE Period Submission	30	21-Sep-22*	20-Oct-22	16-Nov-22	15-Dec-22	56	[Gantt bar: 2022 Q3, 2023 Q2]																											
TWD-1090	Excavation for Administration Building (ADB) - ICE Review Period	28	21-Oct-22	17-Nov-22	16-Dec-22	12-Jan-23	56	[Gantt bar: 2022 Q3, 2023 Q2]																											
TWD-1100	Excavation for Administration Building (ADB) - PM Review Period	49	18-Nov-22	05-Jan-23	13-Jan-23	02-Mar-23	56	[Gantt bar: 2022 Q3, 2023 Q2]																											
TWD-1110	Excavation for Administration Building (ADB) - Consent Date	0		27-Aug-24*		22-Oct-24	56	[Gantt bar: 2024 Q1, 2025 Q1]																											
Walkway Abutment		914	21-Sep-22	22-Mar-25	25-Jul-27	08-Nov-27	961																												
TWD-1050	ELS for Walkway Abutment - ICE Period Submission	30	21-Sep-22*	20-Oct-22	25-Jul-27	23-Aug-27	1768	[Gantt bar: 2022 Q3, 2023 Q2, 2024 Q1]																											
TWD-1120	ELS for Walkway Abutment - ICE Review Period	28	21-Oct-22	17-Nov-22	24-Aug-27	20-Sep-27	1768	[Gantt bar: 2022 Q3, 2023 Q2, 2024 Q1]																											
TWD-1130	ELS for Walkway Abutment - PM Review Period	49	18-Nov-22	05-Jan-23	21-Sep-27	08-Nov-27	1768	[Gantt bar: 2022 Q3, 2023 Q2, 2024 Q1]																											
TWD-1140	ELS for Walkway Abutment - Consent Date	0		22-Mar-25*		08-Nov-27	961	[Gantt bar: 2024 Q1, 2025 Q1]																											
Demolition and Temporary Modification/Diversion Works		311	09-Nov-20 A	13-Nov-21 A																															
PST Overhaul Works		199	09-Nov-20 A	17-Jul-21 A																															
ATALPST-5130	Completion of Overhaul Works (Zone 1)	0		17-Jul-21 A				[Gantt bar: 2021 Q3, 2022 Q1]																											
PST Existing Primary Sedimentation Tanks (PST)		199	09-Nov-20 A	14-Jul-21 A																															
ATALPST-1000	Method Statement / PMAC Submission and Approval for PST	55	09-Nov-20 A	14-Jan-21 A				[Gantt bar: 2020 Q4, 2021 Q1]																											
ATALPST-1030	Procurement of Wheels, Carbon Brush, Motor/Gearbox for PST No. 1 to No. 4	60	15-Jan-21 A	01-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1040	Procurement of Scraper Frame Robs	32	15-Jan-21 A	27-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
PST No. 2 & 4		84	15-Jan-21 A	13-May-21 A																															
ATALPST-1020	Isolation and Pre-test for PST 2 & 4	14	15-Jan-21 A	30-Jan-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1070	Construction of Bamboo Scaffolding	7	01-Feb-21 A	08-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1090	Replacement of Screws for the Rotatory Bridge	11	09-Feb-21 A	27-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1120	Replacement of Scraper Frame Robs	25	01-Mar-21 A	29-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1160	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	3	30-Mar-21 A	01-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1170	Disassembly, Condition Checking of Scraper Drive Units	17	07-Apr-21 A	26-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1180	Removal of Centre Bearing from PST 2	17	07-Apr-21 A	26-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1190	Reconditioning and Replacement of Scraper Drive Units	17	07-Apr-21 A	26-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1230	Return of all Drive Units and Centre Bearing for Reassembly	4	27-Apr-21 A	30-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1260	Power Reconnection and Testing	3	03-May-21 A	13-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
PST No. 1		52	01-Mar-21 A	13-May-21 A																															
ATALPST-1440	Isolation and Conduct Pre-test for PST No. 1	4	01-Mar-21 A	04-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1450	Construction of Access and Tank Cleaning of PST No. 1	3	05-Mar-21 A	08-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1460	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	21	09-Mar-21 A	01-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1470	Construction of Bamboo Scaffolding	5	09-Mar-21 A	13-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1480	Replacement of Screws for Rotatory Bridge	12	15-Mar-21 A	27-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1490	Replacement of Scraper Frame Robs	8	29-Mar-21 A	10-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1500	Reconditioning and Replacement of Scraper Drive Units	13	12-Apr-21 A	26-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1510	Return of all Drive Units and Centre Bearing for Reassembly	4	27-Apr-21 A	30-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1520	Power Reconnection and Testing	3	03-May-21 A	13-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
PST No. 3		53	14-May-21 A	14-Jul-21 A																															
ATALPST-1280	Switch Duty from PST 3 to PST 2 or 4	2	14-May-21 A	15-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1300	Isolation and Pre-test for PST 3	1	17-May-21 A	17-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1310	Drain Sewage and Tank Cleaning for PST 3	4	18-May-21 A	22-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1320	Construction of Bamboo Scaffolding	6	24-May-21 A	29-May-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1360	Replacement of Scraper Frame Robs	18	26-May-21 A	16-Jun-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1330	Replacement of Screws for the Rotatory Bridge	7	31-May-21 A	07-Jun-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1380	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	3	24-Jun-21 A	26-Jun-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1390	Reconditioning and Replacement of Scraper Drive Units	14	24-Jun-21 A	10-Jul-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1400	Disassembly, Condition Checking of Scraper Drive Units	11	28-Jun-21 A	10-Jul-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1430	Power Reconnection and Testing	3	07-Jul-21 A	07-Jul-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1420	Return of all Drive Units and Centre Bearing for Reassembly	3	12-Jul-21 A	14-Jul-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
Detritors 1 & 2		178	09-Nov-20 A	22-Jun-21 A																															
ATALPST-1010	Method Statement / PMAC Submission and Approval for Detritor	57	09-Nov-20 A	16-Jan-21 A				[Gantt bar: 2020 Q4, 2021 Q1]																											
Detritior No. 2		73	18-Jan-21 A	23-Apr-21 A																															
ATALPST-1050	Isolation of Detritior No. 2 and Conduct Pre-test	17	18-Jan-21 A	05-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1080	Pump out sewage and tank cleaning	6	06-Feb-21 A	19-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1100	Condition checking for Scrapers/ Classifiers/ Mixer/ Penstocks/ Valves	2	20-Feb-21 A	22-Feb-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1110	Disassembly of Unit and transfer Workshop for Overhaul	8	23-Feb-21 A	03-Mar-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1140	Condition Checking, Replacement of Parts, and Reassembly	29	04-Mar-21 A	10-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1150	Reconditioning at YLSTW and Replacement of Parts	29	04-Mar-21 A	10-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1200	Final Surface Treatment	8	12-Apr-21 A	20-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
ATALPST-1210	Power Reconnection and Testing	3	21-Apr-21 A	23-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											
Detritior No. 1		48	24-Apr-21 A	22-Jun-21 A																															
ATALPST-1220	Switch Duty to Detritior No. 2 and Isolate Detritior No. 1	2	24-Apr-21 A	26-Apr-21 A				[Gantt bar: 2021 Q1, 2021 Q2]																											



- Remaining Level of Effort
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30-Nov-21	Rev. 8		
31-Oct-21	Rev. 7		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
IW-2840	TX House No. 1 - Transformer Installation and LV Switchboard Power On	72	07-Dec-22	10-Mar-23	24-Feb-23	25-May-23	60	[Gantt bar]												TX House No. 1 - Transformer Installation and LV Switchboard Power On																																																																							
IW E&M Works																																																																																											
AT-1000	IW - Screening / Grit Removal / Inlet Pumping / DOU System / Penstock & Stoplogs	86	09-Jan-23	05-May-23	19-Jan-23	25-May-23	17	[Gantt bar]												IW - Screening / Grit Removal / Inlet Pumping / DOU System / Penstock & Stoplogs																																																																							
AT-1010	IW - Lifting Appliance	86	09-Jan-23	01-May-23	23-Jan-23	16-May-23	13	[Gantt bar]												IW - Lifting Appliance																																																																							
AT-0000	IW - E&M Handover @ +11.8mPD	0	09-Jan-23		19-Jan-23		10	[Gantt bar]												IW - E&M Handover @ +11.8mPD																																																																							
AT-1140	IW - E&M Handover @ +18.3mPD	0	03-Mar-23*		03-Mar-23		0	[Gantt bar]												IW - E&M Handover @ +18.3mPD																																																																							
AT-1020	IW - Instrumentation	33	18-Mar-23	02-May-23	01-Apr-23	16-May-23	13	[Gantt bar]												IW - Instrumentation																																																																							
AT-1030	IW - Electrical Works (Cabling / LCP Termination)	25	01-Apr-23	05-May-23	20-Apr-23	25-May-23	17	[Gantt bar]												IW - Electrical Works (Cabling / LCP Termination)																																																																							
AT-1040	IW - BS Installation (ELV, Ventilation, FS, PD)	25	01-Apr-23	05-May-23	20-Apr-23	25-May-23	17	[Gantt bar]												IW - BS Installation (ELV, Ventilation, FS, PD)																																																																							
AT-1120	IW - Plant Service Water System (PSW) Installation	25	01-Apr-23	05-May-23	20-Apr-23	25-May-23	17	[Gantt bar]												IW - Plant Service Water System (PSW) Installation																																																																							
AT-1110	IW - Installation, Set-Up & T&C for SCADA System	14	19-Apr-23	05-May-23	09-May-23	25-May-23	17	[Gantt bar]												IW - Installation, Set-Up & T&C for SCADA System																																																																							
IW E&M T&C																																																																																											
AT-1050	IW - T&C - Equipment SAT (Mechanical Dry Check)	30	06-May-23	10-Jun-23	25-May-23	30-Jun-23	16	[Gantt bar]												IW - T&C - Equipment SAT (Mechanical Dry Check)																																																																							
AT-1060	IW - T&C - Equipment SAT (Functional Dry Check)	30	06-May-23	10-Jun-23	25-May-23	30-Jun-23	16	[Gantt bar]												IW - T&C - Equipment SAT (Functional Dry Check)																																																																							
AT-1070	IW - T&C - Equipment SAT (Wet / Load Performance Check)	30	06-May-23	10-Jun-23	25-May-23	30-Jun-23	16	[Gantt bar]												IW - T&C - Equipment SAT (Wet / Load Performance Check)																																																																							
AT-1130	IW - T&C - Plant Service Water System (PSW)	30	06-May-23	10-Jun-23	25-May-23	30-Jun-23	16	[Gantt bar]												IW - T&C - Plant Service Water System (PSW)																																																																							
AT-1090	IW - Diversion works from existing bypass chamber to IW (Penstock Installation c/w T&C)	42	12-Jun-23	01-Aug-23	30-Jun-23	21-Aug-23	17	[Gantt bar]												IW - Diversion works from existing bypass chamber to IW (Penstock Installation c/w T&C)																																																																							
AT-1080	IW - FS Inspection and Fire Certificate	57	02-Aug-23	09-Oct-23	21-Aug-23	28-Oct-23	16	[Gantt bar]												IW - FS Inspection and Fire Certificate																																																																							
AT-1100	IW - T&C - Early Commissioning (100,000 m3/d) (KD3)	105	10-Oct-23	20-Feb-24*	28-Oct-23	11-Mar-24	17	[Gantt bar]												IW - T&C - Early Commissioning (100,000 m3/d) (KD3)																																																																							
IW-995	KD3 (11-Mar-24)	0		11-Mar-24*		11-Mar-24	0	[Gantt bar]												KD3 (11-Mar-24)																																																																							
Modification of Existing Emergency Bypass Chamber								97	25-Jul-22	14-Nov-22	20-Nov-23	11-Mar-24	414	[Gantt bar]																																																																													
IW-1260	ADB - Modification of Existing Emergency Bypass Chamber - Sheet Piles Installation	21	25-Jul-22	17-Aug-22	20-Nov-23	13-Dec-23	391	[Gantt bar]												ADB - Modification of Existing Emergency Bypass Chamber - Sheet Piles Installation																																																																							
IW-1270	ADB - Modification of Existing Emergency Bypass Chamber - ELS & Excavation Works	30	18-Aug-22	21-Sep-22	14-Dec-23	17-Jan-24	414	[Gantt bar]												ADB - Modification of Existing Emergency Bypass Chamber - ELS & Excavation Works																																																																							
IW-1280	ADB - Modification of Existing Emergency Bypass Chamber - 1200mm Pipe Laying & Backfilling	25	22-Sep-22	20-Oct-22	18-Jan-24	15-Feb-24	414	[Gantt bar]												ADB - Modification of Existing Emergency Bypass Chamber - 1200mm Pipe Laying & Backfilling																																																																							
IW-1290	ADB - Modification of Existing Emergency Bypass Chamber - Backfilling Works	21	21-Oct-22	14-Nov-22	16-Feb-24	11-Mar-24	414	[Gantt bar]												ADB - Modification of Existing Emergency Bypass Chamber - Backfilling Works																																																																							
Modification of Existing Inspection Chamber & Inlet Effluent Pipes from NSWSPS								125	01-Nov-22	25-Mar-23	17-Oct-23	11-Mar-24	301	[Gantt bar]																																																																													
IW-1310	Modification of Existing Inspection Chamber - Sheet Piles Installation	21	01-Nov-22	24-Nov-22	17-Oct-23	10-Nov-23	281	[Gantt bar]												Modification of Existing Inspection Chamber - Sheet Piles Installation																																																																							
IW-1320	Modification of Existing Inspection Chamber - ELS & Excavation Works	25	25-Nov-22	23-Dec-22	11-Nov-23	09-Dec-23	301	[Gantt bar]												Modification of Existing Inspection Chamber - ELS & Excavation Works																																																																							
IW-1330	Modification of Existing Inspection Chamber - Demolition of existing inspection chamber	18	24-Dec-22	13-Jan-23	11-Dec-23	30-Dec-23	301	[Gantt bar]												Modification of Existing Inspection Chamber - Demolition of existing inspection chamber																																																																							
IW-2980	Modification of Existing Inspection Chamber - Construct new chamber & associated pipes from IW	40	14-Jan-23	01-Mar-23	01-Jan-24	15-Feb-24	301	[Gantt bar]												Modification of Existing Inspection Chamber - Construct new chamber & associated pipes from IW																																																																							
IW-1340	Modification of Existing Inspection Chamber - Backfilling Works	21	02-Mar-23	25-Mar-23	16-Feb-24	11-Mar-24	301	[Gantt bar]												Modification of Existing Inspection Chamber - Backfilling Works																																																																							
Primary Sedimentation Tank (PST)								1878	09-Nov-20 A	08-Nov-26	31-Dec-21	08-Nov-26	313	[Gantt bar]																																																																													
PST Stage 1 of Works								567	09-Nov-20 A	31-Aug-22	31-Dec-21	31-Aug-22	0	[Gantt bar]																																																																													
PST-1000	Preparation	44	09-Nov-20 A	31-Dec-20 A				[Gantt bar]																																																																																			
PST-1010	UU Detection	3	22-Feb-21 A	24-Feb-21 A				[Gantt bar]																																																																																			
PST-1020	Method Statement for Predrilling	1	25-Feb-21 A	25-Feb-21 A				[Gantt bar]																																																																																			
PST-1030	Setting out of Drill Holes	2	26-Feb-21 A	27-Feb-21 A				[Gantt bar]																																																																																			
PST-1040	UU Report	1	01-Mar-21 A	01-Mar-21 A				[Gantt bar]																																																																																			
PST-1050	Site Clearance	6	02-Mar-21 A	08-Mar-21 A				[Gantt bar]																																																																																			
PST Stage 1 - GI - Proposed Predrilling for Piling Works								144	10-May-21 A	19-Aug-21 A			0	[Gantt bar]																																																																													
Predrilling at Existing PST 8 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								144	10-May-21 A	19-Aug-21 A				[Gantt bar]																																																																													
PST-1090	PD9	14	10-May-21 A	22-May-21 A				[Gantt bar]																																																																																			
PST-1080	PD6	14	26-May-21 A	02-Jun-21 A				[Gantt bar]																																																																																			
PST-1110	PD12	14	14-Jul-21 A	29-Jul-21 A				[Gantt bar]																																																																																			
PST-1060	PD4	14	16-Jul-21 A	31-Jul-21 A				[Gantt bar]																																																																																			
PST-1070	PD7	14	02-Aug-21 A	17-Aug-21 A				[Gantt bar]																																																																																			
PST-1150	PD13 (w/ obstruction) after demolition of PST 7	14	04-Aug-21 A	19-Aug-21 A				[Gantt bar]												D13 (w/ obstruction) after demolition of PST 7																																																																							
PST-1160	PD14 (w/ obstruction) after demolition of PST 7	14	04-Aug-21 A	19-Aug-21 A				[Gantt bar]												D14 (w/ obstruction) after demolition of PST 7																																																																							
Predrilling at Existing PST 7 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								107	11-May-21 A	19-Aug-21 A				[Gantt bar]																																																																													
PST-1190	PD8	49	11-May-21 A	09-Jul-21 A				[Gantt bar]																																																																																			
PST-1140	PD2	14	02-Aug-21 A	17-Aug-21 A				[Gantt bar]																																																																																			
PST-1200	PD10 (w/ obstruction) after demolition of PST 8	14	04-Aug-21 A	19-Aug-21 A				[Gantt bar]												D10 (w/ obstruction) after demolition of PST 8																																																																							
PST-1130	PD11 (w/ obstruction)	14	04-Aug-21 A	19-Aug-21 A				[Gantt bar]												D11 (w/ obstruction)																																																																							
PST Stage 1 - Foundation (At First 3 Tanks, PST 7-8 Footprint)								314	24-Aug-21 A	31-Aug-22	31-Dec-21	31-Aug-22	0	[Gantt bar]																																																																													
PST-1175	PST Stage 1 - Site set-up of piling rigs	12	24-Aug-21 A	27-Aug-21 A				[Gantt bar]												PST Stage 1 - Site set-up of piling rigs																																																																							
PST-1180	PST Stage 1 - Driven H-piles (88 nos. @ ave. 1.5no/d/rig) (completed 63/84 nos as of end Oct 21)	41	28-Aug-21 A	30-Oct-21 A				[Gantt bar]												PST Stage 1 - Driven H-piles (88 nos. @ ave. 1.5no/d/rig) (completed 63/84 nos as of end Oct 21)																																																																							
NMM-2021	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21 A	30-Mar-22*	31-Dec-21	30-Mar-22	1	[Gantt bar]												PS 1.105A Noise Mitigation Measures 2021-2022																																																																							
PST-1210	PST Stage 1 - H-pile Testing (Batch 1 with IW Piles)	21	15-Nov-21 A	06-Jan-22	13-Jan-22	18-Jan-22	10	[Gantt bar]												PST Stage 1 - H-pile Testing (Batch 1 with IW Piles)																																																																							
PST-3020	PST Stage 1 - Submit to GEO (28d)	28	07-Jan-22	15-Feb-22	19-Jan-22	26-Feb-22	10	[Gantt bar]												PST Stage 1 - Submit to GEO (28d)																																																																							
EBS-2022	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	[Gantt bar]												Egrets Breeding Season 2022																																																																							
PST-1220	PST Stage 1 - Driven H-Pile (25nos. @ ave. 1.5no/d/rig)	45	01-Apr-22	30-May-22	28-Apr-22	22-Jun-22	19	[Gantt bar]												PST Stage 1 - Driven H-Pile (25nos. @ ave. 1.5no/d/rig)																																																																							
PST Stage 1								168	10-Jan-22	09-Aug-22	10-Jan-22	09-Aug-22	0	[Gantt bar]																																																																													
Excavation Works (South Portion), (Excavation Volume: 5,795m3)								36	10-Jan-22	26-Feb-22	10-Jan-22	26-Feb-22	0	[Gantt bar]																																																																													
Z1-PST-4270	PST(S1) - Sheetpiling for PST Trench	18	10-Jan-22*	29-Jan-22	10-Jan-22	29-Jan-22	0	[Gantt bar]												PST(S1) - Sheetpiling for PST Trench																																																																							
Z1-PST-3580	PST(S1) - Excavation S1 Level (+1.875mPD), (3744m3, 800m3/day)	5	25-Jan-22	29-Jan-22	25-Jan-22	29-Jan-22	0	[Gantt bar]												PST(S1) - Excavation S1 Level (+1.875mPD), (3744m3, 800m3/day)																																																																							
Z1-PST-3840	PST(S1) - Excavation S2 Level (+0.375 mPD), (870m3, 400m3/day)	3	14-Feb-22	16-Feb-22	14-Feb-22	16-Feb-22	0	[Gantt bar]												PST(S1) - Excavation S2 Level (+0.375 mPD), (870m3, 400m3/day)																																																																							
Z1-PST-3600	PST(S1) - Excavation FEL Level (-1.125, -1.625, -3.225mPD), (1181m3, 400m3/day)	3	24-Feb-22	26-Feb-22	24-Feb-22	26-Feb-22	0	[Gantt bar]												PST(S1) - Excavation FEL Level (-1.125, -1.625, -3.225mPD), (1181m3, 400m3/day)																																																																							
ELS Erection Works								15	07-Feb-22	23-Feb-22	07-Feb-22	23-Feb-22	0	[Gantt bar]																																																																													
Z1-PST-3590	PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.875 mPD)	6	07-Feb-22	12-Feb-22	07-Feb-22	12-Feb-22	0	[Gantt bar]												PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.875 mPD)																																																																							
Z1-PST-3850	PST(S1) - Erection and Installation of S2 Strut & W2 Waling (+0.375 mPD)	6	17-Feb-22	23-Feb-22	17-Feb-22	23-Feb-22	0	[Gantt bar]												PST(S1) - Erection and Installation of S2 Strut & W2 Waling (+0.375 mPD)																																																																							
Basement RC Works (Stage 1 - Southern Portion)								52	28-Feb-22	04-May																																																																																	

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart (2022-2028)																											
Z3BH-1000	Biogas Holder No. 1 - Ground Improvement Including Surcharge	124	08-Mar-22	08-Aug-22	08-Mar-22	08-Aug-22	0	[Gantt bar for Z3BH-1000]																											
Z3BH-1010	Biogas Holder No. 1 - 800 Thick Base Slab	36	09-Aug-22	20-Sep-22	09-Aug-22	20-Sep-22	0	[Gantt bar for Z3BH-1010]																											
Stage 2 : Utility Corridor Construction		147	12-May-22	05-Nov-22	12-May-22	05-Nov-22	0																												
Z3S2-2350	Switching Duty to SDT No.1 to No. 3 (9)	0		12-May-22		12-May-22	0	[Gantt bar for Z3S2-2350]																											
Stage 2 : Utility Corridor No. 3		147	13-May-22	05-Nov-22	13-May-22	05-Nov-22	0																												
S2 : UC/PP3 Foundation and ELS Works		120	13-May-22	05-Oct-22	13-May-22	05-Oct-22	0																												
Z3S2-2340	UC/PP 3 - Site Setup & Mobilization	12	13-May-22	26-May-22	13-May-22	26-May-22	0	[Gantt bar for Z3S2-2340]																											
Z3S2-2060	UC/PP 3 - Sheetpile Installation (2,674m2 @90m2/d)	30	27-May-22	02-Jul-22	27-May-22	02-Jul-22	0	[Gantt bar for Z3S2-2060]																											
Z3S2-3050	UC/PP 3 - Monitoring Installation and Pumping Test	21	08-Jun-22	02-Jul-22	08-Jun-22	02-Jul-22	0	[Gantt bar for Z3S2-3050]																											
Z3S2-2070	UC/PP 3 - ELS, Excavation (+6.0 to +4.0mPD)	20	04-Jul-22	26-Jul-22	04-Jul-22	26-Jul-22	0	[Gantt bar for Z3S2-2070]																											
Z3S2-2080	UC/PP 3 - ELS, Strut Installation S1 (+4.0mPD)	12	13-Jul-22	26-Jul-22	13-Jul-22	26-Jul-22	0	[Gantt bar for Z3S2-2080]																											
Z3S2-2090	UC/PP 3 - ELS, Excavation (+4.0 to +1.5mPD)	20	27-Jul-22	18-Aug-22	27-Jul-22	18-Aug-22	0	[Gantt bar for Z3S2-2090]																											
Z3S2-2160	UC/PP 3 - Marine Sediments Treatment and Disposal	20	27-Jul-22	18-Aug-22	27-Jul-22	18-Aug-22	0	[Gantt bar for Z3S2-2160]																											
Z3S2-2100	UC/PP 3 - ELS, Strut Installation S2 (+1.5mPD)	12	05-Aug-22	18-Aug-22	05-Aug-22	18-Aug-22	0	[Gantt bar for Z3S2-2100]																											
Z3S2-2110	UC/PP 3 - ELS, Excavation (+1.5 to -1.0mPD)	20	19-Aug-22	12-Sep-22	19-Aug-22	12-Sep-22	0	[Gantt bar for Z3S2-2110]																											
Z3S2-2120	UC/PP 3 - ELS, Strut Installation S3 (-1.0mPD)	12	13-Sep-22	26-Sep-22	13-Sep-22	26-Sep-22	0	[Gantt bar for Z3S2-2120]																											
Z3S2-2130	UC/PP 3 - ELS, Excavation (-1.0 to -3.75mPD)	18	13-Sep-22	05-Oct-22	13-Sep-22	05-Oct-22	0	[Gantt bar for Z3S2-2130]																											
Z3S2-2370	UC/PP 3 - Structure (-3.75 to -2.20mPD, Base Slab) at Stage 2	27	06-Oct-22	05-Nov-22	06-Oct-22	05-Nov-22	0	[Gantt bar for Z3S2-2370]																											
Stage 2 : Utility Corridor No. 2		30	19-Aug-22	23-Sep-22	03-Sep-22	11-Oct-22	13																												
S2 : UC/PP2 Foundation and ELS Works		30	19-Aug-22	23-Sep-22	03-Sep-22	11-Oct-22	13																												
Z3S2-2150	UC/PP 2 - Sheetpile Installation (2,674m2 @90m2/d)	30	19-Aug-22	23-Sep-22	03-Sep-22	11-Oct-22	13	[Gantt bar for Z3S2-2150]																											
Z3S2-3060	UC/PP 2 - Monitoring Installation and Pumping Test	21	30-Aug-22	23-Sep-22	15-Sep-22	11-Oct-22	13	[Gantt bar for Z3S2-3060]																											
Stage 3		352	11-May-22	24-Jun-23	11-May-22	28-Jun-23	3																												
Z3S3-3030	Completion of Stage 3	0		24-Jun-23*		24-Jun-23	0	[Gantt bar for Z3S3-3030]																											
Stage 3 : New Sludge Thickening Building (STB) (Continued)		255	11-May-22	03-Mar-23	11-May-22	24-Jun-23	97																												
Stage 3 : STB Foundation and ELS		228	11-May-22	31-Jan-23	11-May-22	31-Jan-23	0																												
Z3S3-3010	STB - Site Setup & Mobilization	10	11-May-22	21-May-22	11-May-22	21-May-22	0	[Gantt bar for Z3S3-3010]																											
Z3S3-2090	STB - Driven H-pile (101 nos. @1.5m/d/rig)	68	23-May-22	11-Aug-22	23-May-22	11-Aug-22	0	[Gantt bar for Z3S3-2090]																											
Z3S1a.7-70	Complete Predrilling Works for STB	0		18-Jun-22		14-Oct-22	98	[Gantt bar for Z3S1a.7-70]																											
Z3S3-2180	STB - Sheetpile Installation (2,955m2 @90m2/d)	40	30-Jul-22	15-Sep-22	30-Jul-22	15-Sep-22	0	[Gantt bar for Z3S3-2180]																											
Z3S3-3370	STB - Submit to GEO (28d)	28	12-Aug-22	14-Sep-22	27-Sep-22	31-Oct-22	38	[Gantt bar for Z3S3-3370]																											
Z3S3-3340	STB - Monitoring Installation and Pumping Test	23	16-Sep-22	14-Oct-22	16-Sep-22	14-Oct-22	0	[Gantt bar for Z3S3-3340]																											
Z3S3-2250	STB - ELS, Excavation (+6.0 to +4.5mPD)	18	15-Oct-22	04-Nov-22	15-Oct-22	04-Nov-22	0	[Gantt bar for Z3S3-2250]																											
Z3S3-2290	STB - ELS, Strut Installation S1 (@ +4.5mPD)	24	05-Nov-22	02-Dec-22	05-Nov-22	02-Dec-22	0	[Gantt bar for Z3S3-2290]																											
Z3S3-2360	STB - ELS, Excavation (+4.5 to +0.5mPD)	18	03-Dec-22	23-Dec-22	03-Dec-22	23-Dec-22	0	[Gantt bar for Z3S3-2360]																											
Z3S3-2420	STB - ELS, Strut Installation S2 (@ +0.5mPD)	24	24-Dec-22	31-Jan-23	24-Dec-22	31-Jan-23	0	[Gantt bar for Z3S3-2420]																											
Stage 3 : Chemical Building and Reclaimed Water Building		111	15-Oct-22	03-Mar-23	04-Mar-23	24-Jun-23	90																												
Z3S3-2170	Construction of Reclaimed Water Building with Underground Pipeworks at Stage 3	90	15-Oct-22	07-Feb-23	04-Mar-23	24-Jun-23	111	[Gantt bar for Z3S3-2170]																											
Z3S3-2160	Sludge Thickening Chemical System Building at Stage 3	90	09-Nov-22	03-Mar-23	04-Mar-23	24-Jun-23	90	[Gantt bar for Z3S3-2160]																											
Stage 3 : Biogas Holder No. 1 (Continued)		220	21-Sep-22	24-Jun-23	21-Sep-22	24-Jun-23	0																												
ATALZ3BH-1000	Biogas Holder No. 1 - E&M Install and associated Pipeworks	220	21-Sep-22	24-Jun-23	21-Sep-22	24-Jun-23	0	[Gantt bar for ATALZ3BH-1000]																											
ATALZ3BH-0900	Biogas Holder No. 1 - E&M Handover	0	21-Sep-22	21-Sep-22	21-Sep-22	21-Sep-22	0	[Gantt bar for ATALZ3BH-0900]																											
Stage 3 : Utility Corridor Construction (Continued)		217	24-Sep-22	24-Jun-23	12-Oct-22	28-Jun-23	3																												
Stage 3 : Utility Corridor No. 3		150	07-Nov-22	16-May-23	07-Nov-22	24-Jun-23	32																												
S3 : UC/PP3 Civil and Structural Works		150	07-Nov-22	16-May-23	07-Nov-22	16-May-23	0																												
Z3S2-2140	UC/PP 3 - Structure (-3.75 to -2.20mPD, Base Slab) at Stage 3	22	07-Nov-22	01-Dec-22	07-Nov-22	01-Dec-22	0	[Gantt bar for Z3S2-2140]																											
Z3S2-2180	UC/PP 3 - Structure (-2.20 to +1.0mPD)	48	02-Dec-22	06-Feb-23	02-Dec-22	06-Feb-23	0	[Gantt bar for Z3S2-2180]																											
Z3S2-2250	UC/PP 3 - Structure (+1.0 to +4.2mPD) including Backfill	48	07-Feb-23	03-Apr-23	07-Feb-23	03-Apr-23	0	[Gantt bar for Z3S2-2250]																											
Z3S2-3040	UC/PP 3 - BS Works	50	14-Mar-23	16-May-23	14-Mar-23	16-May-23	0	[Gantt bar for Z3S2-3040]																											
S3 : UC/PP3 E&M Installation		50	14-Mar-23	16-May-23	14-Mar-23	24-Jun-23	32																												
Z3S2-2280	UC/PP 3 - E&M Installation and Pipeworks	50	14-Mar-23	16-May-23	14-Mar-23	16-May-23	0	[Gantt bar for Z3S2-2280]																											
Z3S2-2279	UC/PP 3 - E&M Handover	0	14-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	0	[Gantt bar for Z3S2-2279]																											
Z3S2-2285	UC/PP 3 - Installation and Set-Up for SCADA System	14	29-Apr-23	16-May-23	08-Jun-23	24-Jun-23	32	[Gantt bar for Z3S2-2285]																											
Stage 3 : Utility Corridor No. 2		217	24-Sep-22	24-Jun-23	12-Oct-22	28-Jun-23	3																												
S3 : UC/PP2 Foundation and ELS Works		64	24-Sep-22	09-Dec-22	12-Oct-22	24-Dec-22	13																												
Z3S2-2170	UC/PP 2 - ELS, Excavation (+6.0 to +4.0mPD)	16	24-Sep-22	14-Oct-22	12-Oct-22	29-Oct-22	13	[Gantt bar for Z3S2-2170]																											
Z3S2-2190	UC/PP 2 - ELS, Strut Installation S1 (+4.0mPD)	8	15-Oct-22	24-Oct-22	26-Nov-22	05-Dec-22	36	[Gantt bar for Z3S2-2190]																											
Z3S2-2200	UC/PP 2 - ELS, Excavation (+4.0 to +1.5mPD)	16	15-Oct-22	02-Nov-22	31-Oct-22	17-Nov-22	13	[Gantt bar for Z3S2-2200]																											
Z3S2-2260	UC/PP 2 - Marine Sediments Treatment and Disposal	30	15-Oct-22	18-Nov-22	02-Nov-22	06-Dec-22	15	[Gantt bar for Z3S2-2260]																											
Z3S2-2210	UC/PP 2 - ELS, Strut Installation S2 (+1.5mPD)	8	03-Nov-22	11-Nov-22	06-Dec-22	14-Dec-22	28	[Gantt bar for Z3S2-2210]																											
Z3S2-2220	UC/PP 2 - ELS, Excavation (+1.5 to -1.0mPD)	16	03-Nov-22	21-Nov-22	18-Nov-22	06-Dec-22	13	[Gantt bar for Z3S2-2220]																											
Z3S2-2230	UC/PP 2 - ELS, Strut Installation S3 (-1.0mPD)	9	22-Nov-22	01-Dec-22	15-Dec-22	24-Dec-22	20	[Gantt bar for Z3S2-2230]																											
Z3S2-2240	UC/PP 2 - ELS, Excavation (-1.0 to -3.75mPD)	16	22-Nov-22	09-Dec-22	07-Dec-22	24-Dec-22	13	[Gantt bar for Z3S2-2240]																											
S3 : UC/PP2 Civil and Structural Works		143	10-Dec-22	12-Jun-23	28-Dec-22	28-Jun-23	13																												
Z3S2-2270	UC/PP 2 - Structure (-3.75 to -2.20mPD, Base Slab)	36	10-Dec-22	31-Jan-23	28-Dec-22	15-Feb-23	13	[Gantt bar for Z3S2-2270]																											
Z3S2-2290	UC/PP 2 - Structure (-2.20 to +1.0mPD)	36	01-Feb-23	14-Mar-23	16-Feb-23	29-Mar-23	13	[Gantt bar for Z3S2-2290]																											
Z3S2-2300	UC/PP 2 - Structure (+1.0 to +4.2mPD) including Backfill	36	15-Mar-23	29-Apr-23	30-Mar-23	16-May-23	13	[Gantt bar for Z3S2-2300]																											
Z3S2-3030	UC/PP 2 - BS Works	35	02-May-23	12-Jun-23	17-May-23	28-Jun-23	13	[Gantt bar for Z3S2-3030]																											
S3 : UC/PP2 E&M Installation		32	17-May-23	24-Jun-23	17-May-23	24-Jun-23	0																												
Z3S2-2320	UC/PP 2 - E&M Installation and Pipeworks at Stage 3	32	17-May-23	24-Jun-23	17-May-23	24-Jun-23	0	[Gantt bar for Z3S2-2320]																											
Z3S2-2319	UC/PP 2 - E&M Handover	0	17-May-23	17-May-23	17-May-23	17-May-23	0	[Gantt bar for Z3S2-2319]																											
Z3S2-2325	UC/PP 2 - Installation and Set-Up for SCADA System	14	08-Jun-23	24-Jun-23	08-Jun-23	24-Jun-23	0	[Gantt bar for Z3S2-2325]																											
Stage 3 : New Sludge Digester No. 1 and 2 (Continued)		45	20-May-22	13-Jul-22	15-Feb-23	12-Apr-23	218																												
Stage 3 : SD 1,2 Pre-drilling Works		45	20-May-22	13-Jul-22	15-Feb-23	12-Apr-23	218																												



- Remaining Level of Effort
- DWP Rev.8
- Actual Work
- Remaining Work
- Critical Remaining Work

Contract DC/2019/10 - YLEPP - Main Works for Stage 1

Detailed Works Programme

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Detailed Works Programme			
Date	Revision	Checked	Approved
31-Dec-21	Rev. 9		
30-Nov-21	Rev. 8		
31-Oct-21	Rev. 7		

