

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22	
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv13 20220513																							
Contract Data Part 1																							
Access Dates																							
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	365	05-Mar-21 A	04-Mar-23*	0																		
Environmental Constraints																							
EBS-2155	Egrets Breeding Season 2022	154	01-Mar-22 A	30-Aug-22*	0																		
Preliminary and Preparation Works																							
Subletting																							
SUB-230	Subletting for CLP Substation No.1 & 2 Structure	100	01-Jun-21 A	02-May-22	23	Subletting for CLP Substation No.1 & 2 Structure																	
SUB-240	Subletting for CLP Substation No.1 & 2 ABWF & BS	100	30-Aug-21 A	18-Jun-22	51	Subletting for CLP Substation No.1 & 2 ABWF & BS																	
SUB-250	Subletting for Ground Improvement works for Biogas Holder	86	07-Jul-21 A	01-May-22	-175	Subletting for Ground Improvement works for Biogas Holder																	
SUB-270	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg	50	12-Oct-21 A	01-May-22	80	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg																	
SUB-280	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg	105	29-Nov-21 A	12-Jul-22	-54	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg																	
SUB-290	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg	60	13-Jul-22	10-Sep-22	75	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg																	
SUB-310	Subletting for Utilities Corridor ELS	59	27-May-22	24-Jul-22	110	Subletting for Utilities Corridor ELS																	
SUB-350	Subletting for Waterproofing membrane and protection board	86	29-Nov-21 A	08-Jun-22	188	Subletting for Waterproofing membrane and protection board																	
SUB-360	Subletting for Rebar fixing	86	29-Nov-21 A	09-May-22	-54	Subletting for Rebar fixing																	
SUB-380	Subletting for Sheet piling works for remaining areas	150	12-Oct-21 A	08-Aug-22	1	Subletting for Sheet piling works for remaining areas																	
Design Submission																							
Temporary Works Design																							
Inlet Work and Primary Sedimentation Tank																							
TWD-440	ELS Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	15	22-Jul-21 A	01-May-22	-39	ELS Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																	
Mainstream Bio-Reactor System																							
TWD-220	ELS - Prepare & Submission for PM's review	45	01-Sep-21 A	15-May-22	23	ELS - Prepare & Submission for PM's review																	
TWD-230	ELS - Review by PM's & ICE review (28 d + 7d)	35	16-Oct-21 A	16-May-22	22	ELS - Review by PM's & ICE review (28 d + 7d)																	
TWD-240	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	17-May-22	30-May-22	22	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																	
TWD-250	ELS - Obtain Approval	7	31-May-22	06-Jun-22	22	ELS - Obtain Approval																	
TWD-520	ELS - Submit to GEO (Dewatering Proposal)	28	31-May-22	27-Jun-22	102	ELS - Submit to GEO (Dewatering Proposal)																	
Sludge Thickening Building																							
TWD-190	ELS - Review by PM's & ICE review (28 d + 7d)	35	04-Mar-22 A	04-May-22	76	ELS - Review by PM's & ICE review (28 d + 7d)																	
TWD-200	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	05-May-22	18-May-22	76	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																	
TWD-210	ELS - Obtain Approval	7	19-May-22	25-May-22	76	ELS - Obtain Approval																	
TWD-540	ELS - Submit to GEO (Dewatering Proposal)	28	19-May-22	15-Jun-22	103	ELS - Submit to GEO (Dewatering Proposal)																	
Tertiary Treatment System																							
TWD-140	ELS - Prepare & Submission for PM's review	45	02-Dec-21 A	14-May-22	39	ELS - Prepare & Submission for PM's review																	
TWD-150	ELS - Review by PM's & ICE review (28 d + 7d)	35	15-May-22	18-Jun-22	39	ELS - Review by PM's & ICE review (28 d + 7d)																	
TWD-160	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	19-Jun-22	02-Jul-22	39	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																	
TWD-170	ELS - Obtain Approval	7	03-Jul-22	09-Jul-22	39	ELS - Obtain Approval																	
TWD-550	ELS - Submit to GEO (Dewatering Proposal)	28	03-Jul-22	30-Jul-22	72	ELS - Submit to GEO (Dewatering Proposal)																	
Sludge Digester 1-3 & Utilities Corridor																							
TWD-340	ELS - Prepare & Submission for PM's review	45	31-Aug-21 A	01-May-22	-21	ELS - Prepare & Submission for PM's review																	
TWD-350	ELS - Review by PM's & ICE review (28 d + 7d)	35	02-May-22	05-Jun-22	-21	ELS - Review by PM's & ICE review (28 d + 7d)																	
TWD-360	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	27-May-22	09-Jun-22	-21	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																	
TWD-370	ELS - Obtain Approval	7	10-Jun-22	16-Jun-22	-18	ELS - Obtain Approval																	
TWD-560	ELS - Submit to GEO (Dewatering Proposal)	28	10-Jun-22	07-Jul-22	-21	ELS - Submit to GEO (Dewatering Proposal)																	
Sludge Digester 4-6																							
TWD-460	ELS - Prepare & Submission for PM's review	45	17-Jun-22	31-Jul-22	890	ELS - Prepare & Submission for PM's review																	
Sludge Dewatering and Underpass																							
TWD-260	ELS - Prepare & Submission for PM's review	45	02-Jul-22*	15-Aug-22	605	ELS - Prepare & Submission for PM's review																	
Contractor's Permanent Works Design (include ATAL)																							
AIP																							
Package 2A - Tertiary Treatment System (TTS)																							
AIP-480	E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review	14	10-Mar-22 A	14-May-22	233	E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review																	
AIP-490	E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval	7	15-May-22	21-May-22	233	E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval																	
Package 3A - Plant Service Water																							
AIP-520	E&M AIP Report for Plant Service Water - Resubmission for further review	14	01-May-22*	14-May-22	452	E&M AIP Report for Plant Service Water - Resubmission for further review																	
AIP-530	E&M AIP Report for Plant Service Water - Obtain Approval	7	15-May-22	21-May-22	452	E&M AIP Report for Plant Service Water - Obtain Approval																	
Package 6A - Control & Monitoring System																							
AIP-200	Control & Monitoring System - Resubmission for further review	14	01-May-22*	14-May-22	71	Control & Monitoring System - Resubmission for further review																	
AIP-620	Control & Monitoring System - Obtain Approval	7	15-May-22	21-May-22	71	Control & Monitoring System - Obtain Approval																	



- Remaining Level of Ef...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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

Monthly Progress Report No. 18 - 3MRP (April 2022)

Project ID : DWP.DPr13_220514
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Monthly Progress Report No. 18 - 3MRP			
Date	Revision	Checked	Approved
30-Apr-22	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19					June 20				July 21				August 22	
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07
Package 7A - Building Services System																								
AIP-240	BS System - Resubmission for further review	14	28-Mar-22 A	14-May-22	368																			
AIP-250	BS System - Obtain Approval	7	15-May-22	21-May-22	368																			
Package 14A - E&M AIP Report for Deodorization Unit System																								
AIP-850	DEO - Resubmission for further review	14	01-May-22*	14-May-22	2050																			
AIP-860	DEO - Obtain Approval	7	15-May-22	21-May-22	2050																			
Package 15A - Civil, Structural & Geotechnical																								
AIP-400	Civil, Structural & Geotechnical - Resubmission for further review	14	05-Jan-22 A	14-May-22	212																			
AIP-410	Civil, Structural & Geotechnical - Obtain Approval	7	15-May-22	21-May-22	212																			
Package 16A - E&M AIP Report for Hydraulic Design																								
AIP-890	Hydraulic - Resubmission for further review	14	05-Jan-22 A	14-May-22	1006																			
AIP-900	Hydraulic - Obtain Approval	38	15-May-22	21-Jun-22	1006																			
Package 22A - Sampling System of YLEPP																								
AIP-910	Sampling System - Prepare & Submission for PM's review	45	01-May-22	14-Jun-22	293																			
AIP-920	Sampling System - Review by PM's & ICE review (28 d + 7d)	35	15-Jun-22	19-Jul-22	293																			
AIP-930	Sampling System - Resubmission for further review	14	20-Jul-22	02-Aug-22	293																			
Package 23A - Security, Public Address and Communication System																								
AIP-950	SPC - Prepare & Submission for PM's review	45	01-May-22	14-Jun-22	422																			
AIP-960	SPC - Review by PM's & ICE review (28 d + 7d)	35	15-Jun-22	19-Jul-22	422																			
AIP-970	SPC - Resubmission for further review	14	20-Jul-22	02-Aug-22	422																			
DDA																								
Package 1 - General Architecture, Civil, Structural & Geotechnical																								
DDA-1080	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Submit to GEO for comment and approval	28	15-May-22	11-Jun-22	212																			
DDA-120	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Resubmission for further review	14	25-Mar-22 A	15-May-22	212																			
DDA-130	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Obtain Approval	7	05-Jun-22	11-Jun-22	212																			
Package 2 - Tertiary Treatment System																								
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	12-Jun-22	15-Oct-22	212																			
DDA-150	Foundation for TTS - Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d), GEO (28d)	184	08-Oct-21 A	31-Aug-22	5																			
DDA-170	Civil Req. for TTS (Foundation design) - Prepare(27d), Sub. & Review(45d), Comment & Resub.(14d), GEO(28d)&	121	13-Jun-21 A	19-May-22	299																			
DDA-180	Civil Req. for TTS (Superstruct. design) - Prepare (147d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	11-Oct-21 A	28-Sep-22	207																			
DDA-190	P&ID for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Dec-21 A	03-Aug-22	473																			
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Dec-21 A	03-Aug-22	504																			
DDA-210	Electrical& Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Dec-21 A	03-Aug-22	504																			
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	22-May-22	24-Sep-22	452																			
Package 3 - Mainstream Bio-Reactor System																								
DDA-230	Architectural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	05-Oct-21 A	04-Jul-22	155																			
DDA-240	Foundation for MBS - Prepare (97d), Sub. & Review(45d), Comment & Resub.(14d), GEO (28d) & Approval (7d)	191	18-Mar-22 A	11-Dec-22	155																			
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	09-Jul-22	11-Nov-22	185																			
DDA-260	Civil Req. for MBS-AGS (Foundation design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	09-Jun-21 A	26-May-22	159																			
DDA-270	Civil Req. for MBS-AGS (Superstruct. design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	15-Sep-21 A	04-Jun-22	208																			
DDA-280	P&ID for TTS - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	03-Jun-22	586																			
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	08-Jul-22	551																			
DDA-300	Electrical& Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	08-Jul-22	551																			
DDA-310	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	08-Jul-22	551																			
Package 5A - Master Water Meter Cabinet																								
DDA-360	Foundation for Master WM Cabinet- Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d), GEO(28d) & Approval (7d)	154	15-Feb-22 A	31-Aug-22	201																			
DDA-370	Civil & Struct. for WM Cabinet- Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	156	14-Jan-22 A	02-Sep-22	103																			
Package 5B - Plant Service Water (PSW)																								
DDA-1050	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	12-Jun-21 A	09-Jun-22	340																			
DDA-1060	Electrical & Control for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	31-Aug-21 A	03-Jun-22	565																			
DDA-1070	Mechanical for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	31-Aug-21 A	03-Jun-22	565																			
Package 6 - Sludge Thickening Chemical and Dosing System																								
DDA-1120	P&ID for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	26-May-22	278																			
DDA-1130	Mechanical for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	22-May-22	282																			
DDA-1140	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	26-May-22	278																			
DDA-1150	Building Services for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	26-May-22	278																			
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	03-Jul-22	144																			
DDA-430	Found. for STCS, Waste Gas Burner & Guard Hse - Prepare(60d), Sub.&Review(45d), Comment & Resub.(14d), GEO(28d) & Approval (7d)	126	04-Jun-22	07-Oct-22	144																			
DDA-440	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	09-Nov-21 A	08-Jul-22	235																			
DDA-440B	Civil Req. for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Jun-21 A	19-May-22	285																			
Package 7 - CLP Substation and 11kV Switchgear House																								
DDA-1160	Earthing & Lighting System Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	02-Jul-21 A	26-May-22	74																			



- Remaining Level of Eff.
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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

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Monthly Progress Report No. 18 - 3MRP			
Date	Revision	Checked	Approved
30-Apr-22	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22			
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	
						Gantt Chart (Color-coded bars representing work status)																			
DDA-1450	VCAB, FSD & WSD Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)	78	02-Jul-21 A	26-May-22	74	VCAB, FSD & WSD Design Report - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & 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	12-May-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	26-May-22	74	Electrical System for all facilities - 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	26-May-22	100	UPS System for CLP Sub. & 11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d), 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	26-May-22	74	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																			
Package 8 - Advance Works and SCADA Relocation																									
DDA-500	Mechanical for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	78	22-May-21 A	26-May-22	-173	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	19-May-22	-166	Electrical & Control for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																			
DDA-520	BS for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	78	04-May-21 A	26-May-22	-173	BS 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	26-May-22	-173	E&M for Advance Works - SCADA Relocation - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																			
Package 9 - Inlet Work (IW)																									
DDA-1170	Civil Req. Drawing for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	82	10-Jun-21 A	26-May-22	249	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	26-May-22	249	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	26-May-22	249	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	26-May-22	249	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	08-Jun-22	270	Building Services for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																			
Package 10 - Primary Sedimentation Tank (PST)																									
DDA-1220	Civil Req. Drawing for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	98	01-Jun-21 A	26-May-22	175	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	26-May-22	175	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	26-May-22	175	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	26-May-22	175	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	02-Jun-22	175	Building Services for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																			
Package 11 - Control and Monitoring System																									
DDA-1270	Gas Detection System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	01-Jun-22	17-Aug-22	193	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	193	Data Collection, Management, Analysis, & Model System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																			
DDA-550	Supervisory Control&Data Application (SCADA) System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	78	31-Aug-21 A	17-May-22	285	Supervisory Control&Data Application (SCADA) System - 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	193	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	193	Information and Document management System (IDMS) - 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	17-May-22	285	Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																			
Package 13 - Pipework System																									
DDA-1030	Pipeworks System for Sludge Digesters - Prep(60d),Sub.&Review(45d),Comment&Resub (14d) & Approval (7d)	126	18-May-22	20-Sep-22	272	Pipeworks System for Sludge Digesters - Prep(60d),Sub.&Review(45d),Comment&Resub (14d) & Approval (7d)																			
DDA-670	Pipeworks System for Primary Sedimentation Tanks (PST)- Prep(57d), Sub.&Review(45d), Comment&Resub(14d) & Approval (7d)	123	18-Sep-21 A	31-May-22	-2	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	31-May-22	-2	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	18-May-22	20-Sep-22	272	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	18-May-22	20-Sep-22	433	Pipeworks System for Utility Corridor&Pipe Portal (UC/PP) - Prep(103d),Sub.&Review(45d),Comment&Resub(14d) & Approval (7d)																			
Package 14 - Sludge Anaerobic Digestion System (SDT)																									
DDA-1290	Civil Req. Drawing for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	113	10-Jul-21 A	22-May-22	-184	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	26-May-22	201	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	26-May-22	201	Mechanical for SDT & UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																			
DDA-1320	Electrical & Control for SDT & UC/PP - Prepare (55d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	121	02-Jul-21 A	26-May-22	267	Electrical & Control for SDT & UC/PP - Prepare (55d), 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	26-May-22	85	Civil Req. Drawing for UC/PP - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)																			
Package 15 - Biogas H2S Removal, Storage and Delivery System																									
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	10-May-22	-184	Civil Req. Drawing for Biogas Storage&Delivery System - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)																			
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	02-Jun-22	-82	PID for Biogas H2S Removal, Storage and Delivery 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	03-Jun-22	19-Aug-22	-82	Mechanical for Biogas H2S Removal 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	26-May-22	11-Aug-22	-74	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	26-May-22	11-Aug-22	-74	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	26-May-22	11-Aug-22	-74	Civil Req. Drawing for Biogas H2S Removal System - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)																			
Package 16 - Deodorization Unit System																									
DDA-1410	PID for DOU System - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)	78	03-Sep-21 A	01-Aug-22	2050	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	15-Mar-22 A	01-Aug-22	2050	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	22-May-22	07-Aug-22	2050	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	22-May-22	07-Aug-22	2050	Mechanical for DOU No. 3 - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)																			
Package 17 - Sludge Dewatering Building (SDB)																									
DDA-890	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	07-Jun-21 A	02-Jun-22	1438	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																			
DDA-900	Found. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d)	154	10-Nov-21 A	10-Aug-22	644	Found. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d)																			
DDA-950	BS for Sludge Dewatering Building (SDB) - Prep(118d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	184	02-May-22	01-Nov-22	1286	BS for Sludge Dewatering Building (SDB) - Prep(118d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																			
Package 19 - Elevated Walkways																									
DDA-710	Civil & Structural for Elevated Walkways - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d), (7d)	154	05-Jun-22	05-Nov-22	855	Civil & Structural for Elevated Walkways - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d), (7d)																			
Package 20 - Trellis																									
DDA-720	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	31-Aug-21 A	04-Jun-22	890	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																			
Package 21 - Steel Working Platform																									



- Remaining Level of Eff.
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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

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30-Apr-22	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22			
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	
DDA-730	Civil & Structural for Steel Working Platform - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	05-Jun-22	08-Oct-22	855																				
Building Services																									
DDA-590	BS for Inlet Works (IW) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Aug-21 A	04-Jun-22	274																				
DDA-600	BS for Sludge Thickening Building (STB) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Aug-21 A	04-Jun-22	415																				
DDA-610	BS for Primary Sedimentation Tanks (PST) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	30-Sep-21 A	04-Jul-22	294																				
DDA-620	BS for Biogas Holder (BH) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Aug-21 A	04-Jun-22	-6																				
Technical Submission																									
Inlet Works (IW)																									
TS-890	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	03-Sep-21 A	23-May-22	210																				
TS-900	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	03-Sep-21 A	23-May-22	210																				
TS-910	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21 A	26-May-22	249																				
TS-920	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21 A	26-May-22	249																				
Primary Sedimentation Tank (PST)																									
TS-930	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	03-Sep-21 A	23-May-22	210																				
TS-940	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	03-Sep-21 A	06-Jun-22	210																				
TS-950	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	01-May-22*	05-Jul-22	210																				
TS-960	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	01-May-22*	05-Jul-22	210																				
Sludge Thickening Building (STB)																									
TS-820	Architectural for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	01-Jun-21 A	19-May-22	167																				
TS-830	Found. for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO(28d) & Approval (7d)	154	01-Jun-21 A	19-May-22	-36																				
TS-840	Civil & Structural for Sludge Thickening Bldg (STB) - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	93	14-Jun-22	14-Sep-22	167																				
TS-850	General Arrangement & Civil Req. Drawings for STB - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	93	14-Jun-22	14-Sep-22	526																				
TS-970	PID - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	93	14-Jun-22	14-Sep-22	167																				
TS-980	Equipment Loading Summary - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	93	14-Jun-22	14-Sep-22	601																				
Sludge Digesters (SD)																									
TS-1030	PID - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	25-Sep-21 A	04-Jun-22	380																				
TS-1040	Equipment Loading Summary - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	25-Sep-21 A	04-Jun-22	380																				
TS-740	Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d)& Approval (7d)	126	25-Sep-21 A	04-Jun-22	-62																				
TS-750	Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	25-Sep-21 A	31-May-22	196																				
TS-760	General Arrangement & Civil Req. Drawings for SD - Prep (60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	25-Sep-21 A	29-May-22	265																				
TS-770	Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	25-May-22	27-Sep-22	265																				
Biogas Holders (BH)																									
TS-1050	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	31-Aug-21 A	06-May-22	-72																				
TS-1060	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	31-Aug-21 A	06-May-22	-72																				
TS-780	Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)	147	12-Jun-21 A	31-May-22	-205																				
TS-790	Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	66	12-Jun-21 A	31-May-22	-104																				
TS-800	General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	193	16-Sep-21 A	10-Sep-22	-104																				
TS-810	Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	05-Nov-21 A	09-Aug-22	-72																				
SCADA																									
TS-1070	Layout and Wiring Diagram for YLEPP PLC Panel - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&Approval (7d)	210	22-May-22	17-Dec-22	71																				
TS-1080	System Architecture for Existing YLSTW Temporary SCADA System - Prep(144d),Sub&Rev(45d),Comments&Resub(14d) & Approval (7d)	210	22-May-22	17-Dec-22	71																				
TS-1090	Layout and Wiring Diagram for Existing YLSTW Temp PLC Panel - Prep(144d),Sub&Rev(45d),Comments&Resub(14d) & Approval (7d)	210	22-May-22	17-Dec-22	71																				
TS-1100	System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	210	22-May-22	17-Dec-22	71																				
Utility Corridor and Pipe Portal																									
TS-1110	General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	22-May-22	17-Dec-22	477																				
TS-1120	Civil Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	22-May-22	17-Dec-22	477																				
TS-1140	Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	22-May-22	17-Dec-22	477																				
Hazardous Area Classification and Fire Risk Assessment																									
TS-1800	Hazardous Area Classification and Fire Risk Assessment Specialist - Submission & Approval	20	31-Aug-21 A	01-May-22	-7																				
TS-1810	Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	20-Sep-21 A	05-Jun-22	-7																				
TS-1820	Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	20-Sep-21 A	05-Jun-22	-7																				
Material Submission, Procurement, Manufacturing and Delivery																									
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.	270	09-Nov-20 A	01-May-22	619																				
PRE-240	Submit/Procure/Manufacture/Deliver TTS & Auxillary Facility Equip.	270	09-Nov-20 A	01-May-22	598																				
PRE-250	Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks	300	09-Nov-20 A	05-May-22	910																				
Site Establishment Works																									
Temporary Transformer 1600A																									
1600A-0090	Defects Rectification	3	04-Mar-22 A	07-Mar-22 A																					
P5-140	CLP Inspection & Energization of Temporary Transformer	18	25-Mar-22 A	24-May-22	-43																				
P5-150	Comepletion of Temp Transformer 1600A	0		24-May-22*	-43																				
PM and Contractor Accomodation																									



- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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

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Date	Revision	Checked	Approved
30-Apr-22	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19					June 20				July 21				August 22	
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07
Project Manager's & Contractor Site Accommodation																								
MIC Section																								
PMCA-190	Installation of Green Roof	16	09-Nov-21 A	30-Jun-22	1706	Installation of Green Roof																		
Caving System																								
PMCA-240	Caving System Construction	33	03-May-22*	11-Jun-22	-20	Caving System Construction																		
PMCA-250	Caving System Installation (Set-Up & T&C)	60	13-Jun-22	22-Aug-22	-20	Caving System Installation (Set-Up & T&C)																		
FSI, FSD and OP Requirements																								
FSI Submission & Approval																								
FSD-1030	PM Review	31	12-Nov-21 A	20-Jun-22	208	PM Review																		
FSD-1040	Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1	367	21-Jun-22	22-Jun-23	208	Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1																		
Application Form Schedule EMSD (ATAL)																								
Phase 1																								
ATAL-FS-0010	Form 104 for Biogas Holder Tank 1 (Submission and Approval Period)	184	01-May-22*	31-Oct-22	1478	Form 104 for Biogas Holder Tank 1 (Submission and Approval Period)																		
HAZOP Study																								
HAZOP-010	Engage Independent Consultant	20	03-May-22*	26-May-22	-55	Engage Independent Consultant																		
Zone 1 (for PST(Stage1), others provide later)																								
HAZOP-Z1-010	Review Design / Installation HAZOP for PST (Stage 1) by independent consultant	30	27-May-22	02-Jul-22	143	Review Design / Installation HAZOP for PST (Stage 1) by independent consultant																		
HAZOP-Z1-020	Re-submission of Design / Installation methodology	20	04-Jul-22	26-Jul-22	143	Re-submission of Design / Installation methodology																		
HAZOP-Z1-030	Obtain Approval	7	27-Jul-22	03-Aug-22	143	Obtain Approval																		
Zone 2 (for MBR, others provide later)																								
HAZOP-Z2-010	Review Design / Installation HAZOP for MBR by independent consultant	30	04-Jul-22	06-Aug-22	394	Review Design / Installation HAZOP for MBR by independent consultant																		
Zone 3 (for BH No.1, others provide later)																								
HAZOP-Z3-010	Review Design / Installation HAZOP for Biogas Holder No. 1 by independent consultant	30	27-May-22	02-Jul-22	-55	Review Design / Installation HAZOP for Biogas Holder No. 1 by independent consultant																		
HAZOP-Z3-020	Re-submission of Design / Installation methodology	20	04-Jul-22	26-Jul-22	-55	Re-submission of Design / Installation methodology																		
HAZOP-Z3-030	Obtain Approval	7	27-Jul-22	03-Aug-22	-55	Obtain Approval																		
General Advance Works																								
NSWSPS Sensors																								
ATALGA-1160	CGS - Method Statement for Installation	101	03-Aug-21 A	02-Jun-22	500	CGS - Method Statement for Installation																		
ATALGA-1170	Procurement & Delivery of Sensor	101	03-Aug-21 A	02-Jun-22	500	Procurement & Delivery of Sensor																		
ATALGA-1260	Installation of pressure sensors at NSWSPS	22	04-Jun-22	29-Jun-22	500	Installation of pressure sensors at NSWSPS																		
Air Blower House																								
ATALGA-1280	CMS - Air Blower System	128	01-Jun-22*	02-Nov-22	176	CMS - Air Blower System																		
Disc Filter (DF) Pilot Plant																								
ATALGA-1140	E&M installation of DF Pilot Plant	51	10-Feb-22 A	06-Jun-22	498	E&M installation of DF Pilot Plant																		
ATALGA-1190	T&C	22	07-Jun-22	02-Jul-22	498	T&C																		
Dissolved Air Flotation (DAF) Pilot Plant																								
ATALGA-1070	Civil Structural Construction of DAF Pilot Plant from STSTW	97	17-Jan-22 A	30-Jul-22	268	Civil Structural Construction of DAF Pilot Plant from STSTW																		
ATALGA-1110	Procurement & Delivery of Materials	97	28-Oct-21 A	24-Jun-22	298	Procurement & Delivery of Materials																		
Aerobic Granular Sludge (AGS) Pilot Plant																								
ATALGA-1180	E&M installation of AGS Pilot Plant	6	10-Feb-22 A	10-May-22	351	E&M installation of AGS Pilot Plant																		
ATALGA-1210	Seeding, process start-up and T&C	52	11-May-22	12-Jul-22	351	Seeding, process start-up and T&C																		
ATALGA-1270	Post-commissioning	139	13-Jul-22	24-Dec-22	351	Post-commissioning																		
Zone 1 Construction																								
Temporary Works Design																								
SDB																								
TWD-1030	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - ICE Period Submission	31	16-Jul-22*	15-Aug-22	584	ELS for SDB(Sludge Dewatering Building) & Underpass (SDB) - ICE Period Submission																		
Inlet Works (IW)																								
IW Foundation & ELS Works																								
IW Basement																								
Z1-IW-3940	Set-up and Installation for Total ~61 Nos. Wells (1-2 Wells/day/rig, 2 rigs)	44	23-Mar-22 A	18-May-22	-42	Set-up and Installation for Total ~61 Nos. Wells (1-2 Wells/day/rig, 2 rigs)																		
Z1-IW-3950	Pumping Test & Commissioning Period	14	19-May-22	04-Jun-22	-42	Pumping Test & Commissioning Period																		
Z1-IW-4300	Submit to GEO (28d)	28	03-May-22	06-Jun-22	-43	Submit to GEO (28d)																		
Z1-IW-4710	4th Pile Loading Test (WB-PB15, WB-PB33)	4	11-Mar-22 A	15-Mar-22 A		4th Pile Loading Test (WB-PB15, WB-PB33)																		
Sheet Piling (Total Length: 12104m)																								
Zone A/D (4964m)																								
Z1-IW-4681	Remaining Sheet Piling Works (Part of it require Pre-boring) (2991m, 100m/day/rig, 1 rig)	36	07-Feb-22 A	18-May-22	-42	Remaining Sheet Piling Works (Part of it require Pre-boring) (2991m, 100m/day/rig, 1 rig)																		
Zone C (7140m)																								
Z1-IW-4683	Remaining Sheet Piling Works (4946m, 140m/day/rig, 2rigs)	24	21-Feb-22 A	07-May-22	-34	Remaining Sheet Piling Works (4946m, 140m/day/rig, 2rigs)																		
Excavation Works & ELS (Excavation Volume: 32,857m3)																								



- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22			
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	
Z1-IW-4450	WB - Excavation to S1 Level (+4.35 mPD), (4,422m3, 1000m3/day, 4excavators,8m3/truck, 15trucks/hr, 4mock o	5	07-Jun-22	11-Jun-22	-43	WB - Excavation to S1 Level (+4.35 mPD), (4,422m3, 1000m3/day, 4excavators,8m3/truck, 15trucks/hr, 4mock o																			
Z1-IW-4460	WB - Erection and Installation of S1 Strut & W1 Waling (+4.35 mPD, 3-4crane, 3-4workfronts, 10welders)	9	13-Jun-22	22-Jun-22	-43	WB - Erection and Installation of S1 Strut & W1 Waling (+4.35 mPD, 3-4crane, 3-4workfronts, 10welders)																			
Z1-IW-4470	WB - Excavation to S2 Level (+2.50 mPD), (7,114m3, 1000m3/day, 4excavators,8m3/truck, 15trucks/hr, 4mock o	7	23-Jun-22	30-Jun-22	-43	WB - Excavation to S2 Level (+2.50 mPD), (7,114m3, 1000m3/day, 4excavators,8m3/truck, 15trucks/hr, 4mock o																			
Z1-IW-4480	WB - Erection and Installation of S2 Strut & W2 Waling (+2.50 mPD, 3-4crane, 3-4workfronts, 10welders)	9	02-Jul-22	12-Jul-22	-43	WB - Erection and Installation of S2 Strut & W2 Waling (+2.50 mPD, 3-4crane, 3-4workfronts, 10welders)																			
Z1-IW-4490	WB - Excavation to S3 Level (+0.65 mPD), (7,114m3, 800m3/day, 3excavators,8m3/truck, 12trucks/hr, 4mock oul	9	13-Jul-22	22-Jul-22	-43	WB - Excavation to S3 Level (+0.65 mPD), (7,114m3, 800m3/day, 3excavators,8m3/truck, 12trucks/hr, 4mock oul																			
Z1-IW-4500	WB - Erection and Installation of S3 Strut & W3 Waling (+0.65 mPD, 3-4crane, 3-4workfronts, 10welders)	9	23-Jul-22	02-Aug-22	-43	WB - Erection and Installation of S3 Strut & W3 Waling (+0.65 mPD, 3-4crane, 3-4workfronts, 10welders)																			
IW Transformer House No. 1																									
IW-2785	TX House No. 1 - Piling Works (8 nos.)	10	21-May-22	01-Jun-22	88	TX House No. 1 - Piling Works (8 nos.)																			
Primary Sedimentation Tank (PST)																									
PST Stage 1 of Works																									
PST Stage 1 - Foundation (At First 3 Tanks, PST 7-8 Footprint)																									
EBS-2022	Egrets Breeding Season 2022	184	01-Mar-22 A	31-Aug-22*	0	Egrets Breeding Season 2022																			
PST-1220	PST Stage 1 - Driven H-Pile (21nos. @ ave. 1.5no/d/rig, 1 rig)	14	06-Apr-22 A	19-May-22	68	PST Stage 1 - Driven H-Pile (21nos. @ ave. 1.5no/d/rig, 1 rig)																			
PST-1230	PST Stage 1 - Time Risk Allowance for Driven H-Pile	2	20-May-22	21-May-22	68	PST Stage 1 - Time Risk Allowance for Driven H-Pile																			
PST-3020	PST Stage 1 - Submit to GEO (28d)	28	31-Mar-22 A	07-May-22	-40	PST Stage 1 - Submit to GEO (28d)																			
PST Stage 1																									
Sheet Piling (Total Length: 8440m)																									
Zone E (3800m)																									
Z1-PST-4272	Sheet Piling Works (3800m, 180m/day/rig, 1 rig)	21	26-Jan-22 A	12-May-22	76	Sheet Piling Works (3800m, 180m/day/rig, 1 rig)																			
Z1-PST-4282	Preboring for sheet piling work (approx. 12 nos, 6nos/day/rig, 1rig)	2	02-Mar-22 A	03-Mar-22 A		approx. 12 nos, 6nos/day/rig, 1rig)																			
Excavation Works (South Portion), (Excavation Volume: 5,795m3)																									
Z1-PST-3580	PST(S1) - Excavation S1 Level (+0.875mPD), (4942m3, 500-800m3/day, 2excavator, 8m3/truck,10-12tks/hr, 2mc	7	13-May-22	20-May-22	76	PST(S1) - Excavation S1 Level (+0.875mPD), (4942m3, 500-800m3/day, 2excavator, 8m3/truck,10-12tks/hr, 2mc																			
Z1-PST-3600	PST(S1) - Excavation FEL Level (-3.225mPD), (853m3, 300-400m3/day, 1excavator 8m3/truck, 5 trucks/hr, 1moc	3	28-May-22	31-May-22	76	PST(S1) - Excavation FEL Level (-3.225mPD), (853m3, 300-400m3/day, 1excavator 8m3/truck, 5 trucks/hr, 1moc																			
Z1-PST-3810	PST (S1) - Time Risk Allowance for Excavation and ELS Installation	2	01-Jun-22	02-Jun-22	76	PST (S1) - Time Risk Allowance for Excavation and ELS Installation																			
ELS Erection Works																									
Z1-PST-3590	PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD, 1crane, 4welders, 2work fronts)	6	21-May-22	27-May-22	76	PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD, 1crane, 4welders, 2work fronts)																			
Basement RC Works (Stage 1 - Southern Portion)																									
Excavation for Southern Trench (Lower Portion)																									
Z1-PST-3610	PST(S1) - Install Reprops R2	2	02-Jun-22	04-Jun-22	-40	PST(S1) - Install Reprops R2																			
Z1-PST-3630	PST(S1) - Install Reprops R1	4	15-Jun-22	18-Jun-22	-40	PST(S1) - Install Reprops R1																			
Z1-PST-3640	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)	6	08-Jun-22	14-Jun-22	-40	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)																			
Z1-PST-3800	PST(S1) - Removal of S1	2	06-Jun-22	07-Jun-22	-40	PST(S1) - Removal of S1																			
Z1-PST-3860	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+0.325 mPD)	10	10-May-22	20-May-22	-40	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+0.325 mPD)																			
Z1-PST-3870	PST(S1) - Removal of S2	4	21-May-22	25-May-22	-40	PST(S1) - Removal of S2																			
Z1-PST-3880	PST(S1) - Wall Erection of Formworks and RC Works (+1.375 mPD & +3.875mPD)	6	26-May-22	01-Jun-22	-40	PST(S1) - Wall Erection of Formworks and RC Works (+1.375 mPD & +3.875mPD)																			
Excavation for Northern Trench (Lower Portion)																									
Z1-PST-3620	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+0.325 mPD)	6	15-Jun-22	21-Jun-22	67	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+0.325 mPD)																			
Z1-PST-4240	PST(S1) - Removal of S2	2	22-Jun-22	23-Jun-22	67	PST(S1) - Removal of S2																			
Z1-PST-4250	PST(S1) - Base Slab Erection of Formworks and RC Works (+3.00 mPD)	8	24-Jun-22	04-Jul-22	67	PST(S1) - Base Slab Erection of Formworks and RC Works (+3.00 mPD)																			
Z1-PST-4260	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)	6	05-Jul-22	11-Jul-22	67	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)																			
Excavation Works (North Portion), (Excavation Volume: 3,840m3)																									
Z1-PST-4180	PST(S1) - Excavation F.E.L. Level (+1.875 mPD) (3,840m3, 1000m3/day) after stage 2 piling	4	24-Jun-22	28-Jun-22	61	PST(S1) - Excavation F.E.L. Level (+1.875 mPD) (3,840m3, 1000m3/day) after stage 2 piling																			
Basement RC Works (North Portion)																									
Z1-PST-4190	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+3.00 mPD) after stage 2 piling	10	29-Jun-22	11-Jul-22	61	PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+3.00 mPD) after stage 2 piling																			
Z1-PST-4200	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level) after stage 2 piling	6	12-Jul-22	18-Jul-22	61	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level) after stage 2 piling																			
PST Stage 2 of Works																									
PST Foundation - Stage 2 (At Remaining 2 Tanks, PST 5-6 Footprint)																									
EBS-2115	Egrets Breeding Season 2022	184	01-Mar-22 A	31-Aug-22*	0	Egrets Breeding Season 2022																			
Z1-PST-3890	PST Stage 2 - Driven H-pile (Stage 2: 2,332m,includ. 30% increment)(60m/day, 1 rig) (54nos.)	40	08-Apr-22 A	30-May-22	61	PST Stage 2 - Driven H-pile (Stage 2: 2,332m,includ. 30% increment)(60m/day, 1 rig) (54nos.)																			
Z1-PST-3980	PST Stage 2 - Pile Loading Test (Batch 2 Completion at PST: 75nos.)	20	31-May-22	23-Jun-22	61	PST Stage 2 - Pile Loading Test (Batch 2 Completion at PST: 75nos.)																			
Z1-PST-4230	PST Stage 2 - Submit to GEO (28d)	28	16-Jun-22	19-Jul-22	307	PST Stage 2 - Submit to GEO (28d)																			
PST Superstructure																									
Stage 1																									
RC Works																									
Z1-PST-3650	PST - Wall Erection of Formworks and RC Works (+5.85mPD)	6	19-Jul-22	25-Jul-22	61	PST - Wall Erection of Formworks and RC Works (+5.85mPD)																			
Z1-PST-3660	PST - Wall Erection of Formworks and RC Works (+7.5mPD)	6	26-Jul-22	01-Aug-22	61	PST - Wall Erection of Formworks and RC Works (+7.5mPD)																			
CLP Substations No. 1 & 2																									
Foundation																									
CLP-1200	Raft Foundation	24	25-Mar-22 A	25-May-22	0	Raft Foundation																			
CLP-1260	Install sheet piles for raft foundation construction	17	05-Mar-22 A	24-Mar-22 A		sheet piles for raft foundation construction																			
Civil Provision for CLP (drawpits & ductings)																									



- Remaining Level of Ef...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22			
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	
						Gantt Chart Area																			
CLP-1270	Ducting and Drawpits construction	45	14-Jul-22	03-Sep-22	46	[Gantt Bar]																			
CLP Substation No. 1																									
CLP-1010	CLP Substation No.1 - Structure	76	26-May-22	24-Aug-22	0	[Gantt Bar]																			
CLP Substation No. 2																									
CLP-1020	CLP Substation No.2 - Structure	76	26-May-22	24-Aug-22	0	[Gantt Bar]																			
DSD 11kV Switchgear																									
CLP-1030	DSD11kV Switchgear - Structure	78	26-May-22	26-Aug-22	0	[Gantt Bar]																			
Sludge Dewatering Building (SDB)																									
SDB Foundation & ELS - Stage 1																									
SDB Foundation - PST 1-4 Footprint																									
EBS-2105	Egrets Breeding Season 2022	184	01-Mar-22 A	31-Aug-22*	0	[Gantt Bar]																			
Administration Building (ADB)																									
Temporary Admin Office and Control Room																									
ADB-1040	Handover of Temp. Admin Office and Control Room	20	11-Jul-22	03-Aug-22	495	[Gantt Bar]																			
ADB-1250	Relocation of Existing SCADA System of Admin Bldg (23) and Document Centre (24)	21	11-Jul-22	04-Aug-22	495	[Gantt Bar]																			
Temp Admin Office - MIC Section																									
ADB-1020A100	Fabrication and Delivery of MIC Unit	36	02-May-22	11-Jun-22	523	[Gantt Bar]																			
ADB-1020A20	Construction/Installation	41	21-May-22	11-Jul-22	495	[Gantt Bar]																			
ADB-1020A30	E&M Installation and T&C	24	11-Jun-22	11-Jul-22	495	[Gantt Bar]																			
ADB-1020A40	Relocation of Admin Office (MiC)	18	11-Jul-22	01-Aug-22	497	[Gantt Bar]																			
Zone 2 Construction																									
Temporary Works Design																									
MBS Building (AGS)																									
TWD-1190	ELS for MBS(Mainstream Bio-Reactor System) Building(AGS) - ICE Period Submission	45	02-Dec-21 A	14-May-22	-1	[Gantt Bar]																			
TWD-1200	ELS for MBS(Mainstream Bio-Reactor System) Building(AGS) - ICE Review Period	31	15-May-22	14-Jun-22	-1	[Gantt Bar]																			
TWD-1210	ELS for MBS(Mainstream Bio-Reactor System) Building(AGS) - PM Review Period	46	15-May-22	29-Jun-22	-1	[Gantt Bar]																			
TWD-1220	ELS for MBS(Mainstream Bio-Reactor System) Building(AGS) - Consent Date	0		29-Jun-22	-1	[Gantt Bar]																			
TTS Building																									
TWD-1150	ELS for TTS(Tertiary Treatment System) Building - ICE Period Submission	31	16-Dec-21 A	03-May-22	4	[Gantt Bar]																			
TWD-1160	ELS for TTS(Tertiary Treatment System) Building - ICE Review Period	31	04-May-22	03-Jun-22	4	[Gantt Bar]																			
TWD-1170	ELS for TTS(Tertiary Treatment System) Building - PM Review Period	46	04-Jun-22	19-Jul-22	4	[Gantt Bar]																			
Temporary Diversion																									
Zone 2B : FST, Temporary RAS to Aeration Tanks																									
Temporary RAS																									
Z2B-1020	ELS & Excavation	26	21-Mar-22 A	11-May-22	0	[Gantt Bar]																			
Z2B-1030	Construction of Temp RAS	21	12-May-22	06-Jun-22	0	[Gantt Bar]																			
Z2B-1040	Temp RAS E&M installation	19	27-May-22	18-Jun-22	0	[Gantt Bar]																			
Z2B-1200	Laying of pipes from temp. RAS to Consolidation tanks & Aeration tanks	19	27-May-22	18-Jun-22	0	[Gantt Bar]																			
Z2B-1210	T&C	40	20-Jun-22	05-Aug-22	0	[Gantt Bar]																			
Temporary Sewage Routing																									
Z2D-2160	Complete Demolition of PST4	0		30-Jul-22	509	[Gantt Bar]																			
Demolition Works																									
EBS-2125	Egrets Breeding Season 2022	184	01-Mar-22 A	30-Sep-22*	-31	[Gantt Bar]																			
Advance Works																									
MBR-1480	MBR - Relocation of Noise barrier/ bird curtain	58	27-May-22	04-Aug-22	27	[Gantt Bar]																			
MBR-1490	MBR - Decommission of Auxiliary PS & Associated pipes and Modification of Washwater PS	20	03-May-22*	26-May-22	27	[Gantt Bar]																			
MBR-1520	MBR - Design submission of Relocation of Noise barrier/ bird curtain	20	03-May-22	26-May-22	27	[Gantt Bar]																			
MBR-1530	MBR - G.I. Works (3 nos., 1rig, nos. of G.I. subject to GEO Further Comment)	73	03-Jan-22 A	17-May-22	35	[Gantt Bar]																			
Z2D-4280	Submit/Approve Method Statement for Sheetpiling Works	15	11-Sep-21 A	03-May-22	53	[Gantt Bar]																			
Z2D-4290	Submit/Approve Design for Sheetpiles	55	01-Jun-21 A	06-May-22	43	[Gantt Bar]																			
Z2D-4310	Procurement and Delivery of Sheetpiles	21	04-Sep-21 A	03-May-22	53	[Gantt Bar]																			
Other Existing Pumping Stations																									
Z2T-154B	Demolition of Settled Sewage Overflow Chamber (31)	25	02-Jul-22*	30-Jul-22	31	[Gantt Bar]																			
Auxiliary Pumping Stations																									
Z2T-150B	Demolition of Auxiliary Pumping Station (19) above ground	4	20-Apr-22 A	23-Apr-22 A		[Gantt Bar]																			
Z2T-150B10	Sheet piling works for Demolition of Auxiliary Pumping Station (19) belowground	25	27-May-22	25-Jun-22	211	[Gantt Bar]																			
Final Sedimentation Tanks																									
Z2T-180	Demolition of Final Sedimentation Tank No.5-6 (6 and 37)	50	24-Jan-22 A	10-May-22	68	[Gantt Bar]																			
Mainstream Bio-Reactor & Auxiliary Facility (MBR and AF)																									
MBR Stage 1 and AF Structure																									



- Remaining Level of Eff...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	
						Gantt Chart Area																			
A-Tanks Demolition and ELS Works																									
MBRAF-1010	MBR - Sheet Piles Install (approx. 391m, 9,390m2 @ 120m2/d) After Advance works (zone 2A)	58	30-Jun-22	06-Sep-22	-1	[Red bar from 30-Jun-22 to 06-Sep-22]																			
MBRAF-1500	MBR - Demolition of PST 4	31	24-Jun-22*	30-Jul-22	31	[Green bar from 24-Jun-22 to 30-Jul-22]																			
MBRAF-1540	MBR - advance coring for king post installation & wells installation	25	03-May-22*	01-Jun-22	75	[Green bar from 03-May-22 to 01-Jun-22]																			
MBRAF-1550	MBR - King post installation at AT footprint	30	02-Jun-22	08-Jul-22	75	[Green bar from 02-Jun-22 to 08-Jul-22]																			
Tertiary Treatment System (TTS)																									
Foundation and ELS																									
EBS-2135	Egrets Breeding Season 2022	184	01-Mar-22 A	29-Aug-22*	0	[Red bar from 01-Mar-22 to 29-Aug-22]																			
TTS-1000	TTS - Site Clearance	15	27-May-22	14-Jun-22	54	[Green bar from 27-May-22 to 14-Jun-22]																			
Zone 3 Construction																									
Temporary Works Design																									
UC (Utilities Corridor)																									
TWD-1250	ELS for Utilities Corridor (UC) - PM Review Period	49	04-Mar-22 A	04-Jun-22	161	[Green bar from 04-Mar-22 to 04-Jun-22]																			
TWD-1260	ELS for Utilities Corridor (UC) - Consent Date	0		04-Jun-22	161	[Milestone diamond at 04-Jun-22]																			
Sludge Thickening Building (STB)																									
TWD-1290	ELS for Sludge Thickening Building (STB) - PM Review Period	49	04-Mar-22 A	04-Jun-22	67	[Green bar from 04-Mar-22 to 04-Jun-22]																			
TWD-1300	ELS for Sludge Thickening Building (STB) - Consent Date	0		04-Jun-22	67	[Milestone diamond at 04-Jun-22]																			
Sludge Digester (SD)																									
TWD-1350	ELS for Sludge Digesters (SD) - ICE Period Submission	30	26-Apr-22 A	25-May-22	-73	[Red bar from 26-Apr-22 to 25-May-22]																			
TWD-1360	ELS for Sludge Digesters (SD) - ICE Review Period	28	26-May-22	22-Jun-22	-73	[Red bar from 26-May-22 to 22-Jun-22]																			
TWD-1370	ELS for Sludge Digesters (SD) - PM Review Period	49	23-Jun-22	10-Aug-22	-73	[Red bar from 23-Jun-22 to 10-Aug-22]																			
Stage 1																									
Stage 1 - Advance Works																									
Zone 3A (at SHT)																									
240m3 Temporary Sludge Holding Tank(SHT) (Location B)																									
Sludge Forward Pump Station																									
Z3A-000070	E&M Installation and T&C (ATAL)	24	10-Mar-22 A	17-May-22	-124	[Red bar from 10-Mar-22 to 17-May-22]																			
Relocation of Heater Room (Location C)																									
Z3A-000180	E&M Installation	24	31-Mar-22 A	14-May-22	-148	[Red bar from 31-Mar-22 to 14-May-22]																			
Z3A-000320	Temp. Water Heater House Structural Completion	0		31-Mar-22 A		[Milestone diamond at 31-Mar-22]																			
Z3A-000550	Relocation and T&C (ATAL)	24	16-May-22	13-Jun-22	-148	[Red bar from 16-May-22 to 13-Jun-22]																			
Digested Sludge Pumping Station (Location F)																									
Z3B-320	E&M Works (ATAL)	10	17-Mar-22 A	07-May-22	636	[Green bar from 17-Mar-22 to 07-May-22]																			
Z3B-330	T&C Works (ATAL)	8	10-May-22	18-May-22	636	[Green bar from 10-May-22 to 18-May-22]																			
Z3B-340	Digested Sludge Pumping Station Structural Completion	0		16-Mar-22 A		[Milestone diamond at 16-Mar-22]																			
Micro Turbine Relocation																									
Z3A-000540	E&M Installation and T&C(ATAL)	24	10-Mar-22 A	24-May-22	-131	[Red bar from 10-Mar-22 to 24-May-22]																			
Pipe Laying																									
Z3A-000210	Pipe Installation between SDT and Temp. SHT & SDB (Batch 1 & 4 - DN200 Sludge)	30	17-Dec-21 A	30-May-22	626	[Green bar from 17-Dec-21 to 30-May-22]																			
Z3A-000330	Pipe Installation between Compressor House and Gas Holders (Batch 3 - DN300 Gas, SS316L)	34	19-Jan-22 A	30-May-22	-35	[Red bar from 19-Jan-22 to 30-May-22]																			
Z3A-000340	Pipe Installation between Compressor House and Temp. Water Heater House (Batch 4 - DN200 Hotwater)	30	17-Dec-21 A	12-May-22	-161	[Red bar from 17-Dec-21 to 12-May-22]																			
Pipe Connection																									
Z3A-000370	240m3 Temp SHT Completion (Location B)	0		17-May-22	637	[Milestone diamond at 17-May-22]																			
Z3A-000390	Digested Sludge Pumping Station Completion (Location F)	0		18-May-22	636	[Milestone diamond at 18-May-22]																			
Z3A-000400	Temp. Water Heater House Completion (Location C)	0		13-Jun-22	-146	[Milestone diamond at 13-Jun-22]																			
Z3A-000410	Completion of Zone 3A Dversion	0		13-Jul-22	595	[Milestone diamond at 13-Jul-22]																			
Sludge/Supernatant DI Pipe																									
Z3A-000360	Connection between SDT and Temp. SHT & SDB	5	31-May-22	06-Jun-22	626	[Green bar from 31-May-22 to 06-Jun-22]																			
Gas Pipe - SS316L																									
DN300 from Gas Holders to Compressor House																									
Z3A-000380	Connection at Gas Holders	10	03-May-22	14-May-22	644	[Green bar from 03-May-22 to 14-May-22]																			
Z3A-000420	Connection at Compressor House	5	31-May-22	06-Jun-22	626	[Green bar from 31-May-22 to 06-Jun-22]																			
DN300 from SDT, Compressor House to Gas Holders																									
Z3A-000450	Connection at Gas Holders	10	31-May-22	11-Jun-22	621	[Green bar from 31-May-22 to 11-Jun-22]																			
Z3A-000460	Gas Purging of SDT No.2 (YLEPP)	21	31-May-22	20-Jun-22	739	[Green bar from 31-May-22 to 20-Jun-22]																			
Z3A-000470	Connection at SDT No.2,3 & 4	1	21-Jun-22	21-Jun-22	594	[Green bar at 21-Jun-22]																			
Z3A-000480	Gas Purging of SDT No.1 (YLEPP)	21	22-Jun-22	12-Jul-22	741	[Green bar from 22-Jun-22 to 12-Jul-22]																			
Z3A-000490	Connection at SDT No.1	1	13-Jul-22	13-Jul-22	595	[Green bar at 13-Jul-22]																			
DN200 from Gas Holder to Temp. Water Heater House																									
Z3A-000440	Connection at Gas Holders	10	03-May-22	14-May-22	-148	[Red bar from 03-May-22 to 14-May-22]																			
Hotwater DI Pipe																									



- █ Remaining Level of Eff...
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22	
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31
Z3A-000500	Connection between Compressor House and Temp. Water Heater House	2	13-May-22	14-May-22	-161																		
Zone 3B (at STB)																							
Gravity Thickening Tank (Location A)																							
Z3B-000090	E&M Works (North Tank) (ATAL)	12	16-Mar-22 A	14-May-22	-146																		
Z3B-000100	E&M Works (South Tank) (ATAL)	12	16-Mar-22 A	14-May-22	-124																		
Z3B-000110	T&C Works (North & South Tank) (ATAL)	22	16-May-22	10-Jun-22	-146																		
Z3B-000260	Temp. Gravity Thickening Tank (Location A) Completion	0		10-Jun-22	-146																		
Temporary Primary Sludge Pumping Station (Location D)																							
Z3A-250	Method Statement Approval	0		11-Mar-22 A																			
Z3A-290	Civil and Structural Works Construction	27	25-Mar-22 A	26-May-22	-168																		
Z3A-300	E&M Installation (ATAL)	18	27-May-22	17-Jun-22	-168																		
Z3A-310	T&C Works (ATAL)	16	18-Jun-22	07-Jul-22	-168																		
Z3A-430	Temp. Primary Sludge Pumping Station (Location D) Completion	0		07-Jul-22	-168																		
Temporary Thickened Sludge / Supernatant Pumping Station (Location E)																							
Z3B-000150	E&M Works (ATAL) & T&C (ATAL)	50	07-Jun-22	04-Aug-22	-192																		
Z3B-000160	ELS Works	9	04-Apr-22 A	10-May-22	-192																		
Z3B-000450	Civil and Structural Works Construction	22	11-May-22	06-Jun-22	-192																		
Relocation of Ferric Chloride (FeCl3) Dosing System & LV Switchboard (Location E)																							
Z3B-000170	Design Consent	0		11-Apr-22 A																			
Z3B-000180	Method Statement Approval	0		11-Apr-22 A																			
Z3B-000190	Civil and Structural Works Construction	35	12-Apr-22 A	31-May-22	-178																		
Z3B-000200	E&M Works (ATAL) & T&C Works (ATAL)	40	01-Jun-22	19-Jul-22	-178																		
Z3B-000280	FeCl3 Relocation (Location E) Completion	0		19-Jul-22	-178																		
Pipe Laying																							
Z3B-000240	Pipe Installation from CT to MH2 (Batch 1 - DN250 Supernatant)	20	18-Dec-21 A	26-May-22	-133																		
Z3B-000350	Pipe Installation from Location A to Location E (Batch 6 - DN250 Supernatant)	36	31-Dec-21 A	15-Jun-22	-150																		
Z3B-000360	Pipe Installation from Location A to Location E & SDT (Batch 7 - DN200 Sludge)	36	17-Jan-22 A	15-Jun-22	-150																		
Z3B-000370	Pipe Installation from Temp. Primary Sludge Pumping Station (Location D) to CT (Batch 7 - DN200 Sludge)	20	17-Jan-22 A	26-May-22	-134																		
Pipe Connection																							
Z3B-000390	Temp. Gravity Thickening Tank (Location A) Completion	0		10-Jun-22	-146																		
Z3B-000400	Temp. Primary Sludge Pumping Station (Location D) Completion	0		07-Jul-22	-168																		
Z3B-000410	Connection at Temp. Primary Sludge Pumping Station (Location D)	1	08-Jul-22	08-Jul-22	-168																		
Z3B-000420	FeCl3 System (Location E) Relocation Completion	0		19-Jul-22	-178																		
Advance Works																							
Z3S1A-3010	Completion of Stage 1 (Construction & E&M for Temporary facilities)	0		13-Jun-22	-146																		
Stage 1 Demolition Works																							
SHT 3&4 Demolition Works below ground																							
Z3A-000020	Sheet Piling Works at Sludge Holding Tank No. 1,2	40	14-Jul-22	29-Aug-22	595																		
Z3A-000025	Sheet Piling Works at Sludge Holding Tank No. 4	27	30-May-22*	30-Jun-22	-62																		
Z3A-000030	Demolition Works for Sludge Holding Tank No. 4 (below ground)	25	14-Jul-22	11-Aug-22	595																		
Z3A-000130	Demolition Works for Sludge Holding Tank No. 3 (below ground)	20	10-Mar-22 A	16-May-22	-155																		
Z3A-000140	Backfill to Ground Level	7	17-May-22	24-May-22	-155																		
UC Decommission Works																							
Z3A-000110	Decommission Works for Existing Utilities Gallery	12	14-Jul-22	27-Jul-22	595																		
Stage 2																							
Stage 2 : New Sludge Thickening Building (STB)																							
Stage 2 - Demolition Works																							
ATALZ3S1-1050	Switching Duty from SDT No.1 & 2 to SDT No.1 & 3 (9) for STB Demolition and Utility Corridor Construction	23	31-May-22	27-Jun-22	-35																		
ATALZ3S1-2210	Switching Duty from SDT No.1 & 3 to SDT No. 3 & 4 (9) for STB Construction	23	02-Jul-22	28-Jul-22	-62																		
Z3S2-2050	Submission of Demolition Plan for STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d)	49	15-Mar-22 A	02-Jun-22	-8																		
Z3S2-2310	Submission of Method Statement for demolition of STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d)	26	03-May-22	02-Jun-22	-8																		
Stage 2 : STB Pre-drilling Works																							
Z3S3-2020	Predrilling Works (4 nos. STB-PD5,8,11)	31	11-Mar-22 A	22-Apr-22 A																			
Z3S3-2030	Predrilling Works (5 nos. STB-PD3,6,10)	40	24-Feb-22 A	30-May-22	-35																		
Z3S3-3050	Predrilling Works (2 nos. STB-PD1)	10	03-May-22	14-May-22	-22																		
Z3S3-3400	Environment GI (4 nos., 7d/no., 2 rigs)	37	12-Apr-22 A	30-May-22	-31																		
Stage 2 : Existing Sludge Holding Tanks																							
Z3S1a.7-60	Completion Connection to Temporary SHT & Dewatering House	0		13-Jun-22	-146																		
Z3S2-2015	Demolition of SHT 1 (10)	26	18-May-22*	17-Jun-22	-150																		
Z3S2.5-10	Demolition of Existing Water Heater House	25	31-May-22	29-Jun-22	-161																		
Stage 2 : Biogas Holder No. 1																							
Z3BH-0995	Biogas Holder No. 1 - GI Works	21	06-May-22	31-May-22	-161																		



- Remaining Level of Effort
- Actual Work
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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April 18				May 19				June 20				July 21				August 22		
						03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07
Z3BH-1000	Biogas Holder No. 1 - Band drain Installation for Ground Improvement	25	01-Jun-22	30-Jun-22	-161	Biogas Holder No. 1 - Band drain Installation for																		
Stage 2 : Utility Corridor Construction																								
Z3S2-2350	Switching Duty from SDT No.2 to No. 3 (9)	0		27-Jun-22	104	◆ Switching Duty from SDT No.2 to No. 3 (9)																		
Stage 2 : Utility Corridor No. 3																								
S2 : UC/PP3 Foundation and ELS Works																								
Z3S2-2060	UC/PP 3 - Sheetpile Installation (2,674m2 @90m2/d)	30	25-Jul-22	27-Aug-22	92																			
Z3S2-2340	UC/PP 3 - Site Setup & Mobilization	10	28-Jun-22	09-Jul-22	104	UC/PP 3 - Site Setup & Mobilization																		
Stage 3																								
Stage 3 : New Sludge Thickening Building (STB) (Continued)																								
Stage 3 : STB Foundation and ELS																								
Z3S1a.7-70	Complete Predrilling Works for STB	0		30-May-22	-35	◆ Complete Predrilling Works for STB																		
Z3S3-2090	STB - Driven H-pile (101 nos, @1.5no/d/rig, 2rigs)	94	04-Jul-22	24-Oct-22	-62																			
Z3S3-3010	STB - Site Setup & Mobilization	9	22-Jun-22	02-Jul-22	-62	STB - Site Setup & Mobilization																		
Stage 3 : New Sludge Digester No. 1 and 2 (Continued)																								
Stage 3 : SD 1,2 Pre-drilling Works																								
Z3S3-2010	Sludge Digester No. 1-2 - Pre-drill (2 nos. SD-BH9 ,BH10)	16	28-Mar-22 A	21-May-22	-52	Sludge Digester No. 1-2 - Pre-drill (2 nos. SD-BH9 ,BH10)																		



- Remaining Level of Ef...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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