

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August		
						30				31				32				33				34		
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv25																								
Contract Data Part 1																								
Access Dates																								
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	757	05-Mar-21 A	22-Feb-24*	1																			
ADP5	Portion 5 (sd+944d)	0	11-Jun-23*		0	◆ Portion 5 (sd+944d)																		
Environmental Constraints																								
EBS-2165	Egrets Breeding Season 2023	184	01-Mar-23 A	31-Aug-23	0																			
Preliminary and Preparation Works																								
Subletting																								
SUB-270	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg	312	12-Oct-21 A	20-Jun-23	-162	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg																		
SUB-380	Subletting for Sheet piling works for remaining areas	333	12-Oct-21 A	11-Jul-23	346	Subletting for Sheet piling works for remaining areas																		
SUB-280	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg	256	29-Nov-21 A	12-Jun-23	-219	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg																		
SUB-350	Subletting for Waterproofing membrane and protection board	300	29-Nov-21 A	04-Jun-23	41	Subletting for Waterproofing membrane and protection board																		
SUB-360	Subletting for Rebar fixing	86	29-Nov-21 A	30-Jun-23	-219	Subletting for Rebar fixing																		
SUB-310	Subletting for Utilities Corridor ELS	60	08-Aug-22 A	09-Jun-23	-182	Subletting for Utilities Corridor ELS																		
SUB-290	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg	60	01-May-23	29-Jun-23	-88	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg																		
Design Submission																								
Temporary Works Design																								
Mainstream Bio-Reactor System																								
TWD-240	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	20-Jun-22 A	22-May-23	-269	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-250	ELS - Obtain Approval	7	23-May-23	29-May-23	1644	ELS - Obtain Approval																		
Sludge Thickening Building																								
One-stage design																								
TWD-210	ELS - Obtain Approval	7	10-Dec-22 A	19-May-23	57	ELS - Obtain Approval																		
Tertiary Treatment System																								
TWD-170	ELS - Obtain Approval	7	30-Dec-22 A	25-May-23	-136	ELS - Obtain Approval																		
Sludge Digester 1-3 & Utilities Corridor																								
TWD-370	ELS - Obtain Approval	7	21-Dec-22 A	21-May-23	-88	ELS - Obtain Approval																		
Sludge Digester 4-6																								
TWD-460	ELS - Prepare & Submission for PM's review	45	22-May-23	05-Jul-23	538	ELS - Prepare & Submission for PM's review																		
TWD-470	ELS - Review by PM's & ICE review (28 d + 7d)	35	06-Jul-23	09-Aug-23	538	ELS - Review by PM's & ICE review (28 d + 7d)																		
Sludge Dewatering and Underpass																								
TWD-260	ELS - Prepare & Submission for PM's review	45	01-May-23	14-Jun-23	317	ELS - Prepare & Submission for PM's review																		
TWD-270	ELS - Review by PM's & ICE review (28 d + 7d)	35	15-Jun-23	19-Jul-23	317	ELS - Review by PM's & ICE review (28 d + 7d)																		
TWD-280	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	20-Jul-23	02-Aug-23	317	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
Modification of Existing Emergency Bypass Chamber																								
TWD-660	ELS - Review by PM's & ICE review (28 d + 7d)	35	30-Dec-22 A	25-May-23	27	ELS - Review by PM's & ICE review (28 d + 7d)																		
TWD-670	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	26-May-23	08-Jun-23	27	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-680	ELS - Obtain Approval	7	09-Jun-23	15-Jun-23	27	ELS - Obtain Approval																		
Modification of Existing Inspection Chamber & Inlet Effluent Pipes from NSWSPS																								
TWD-700	ELS - Prepare & Submission for PM's review	45	26-Oct-22 A	20-May-23	2	ELS - Prepare & Submission for PM's review																		
TWD-710	ELS - Review by PM's & ICE review (28 d + 7d)	35	21-May-23	24-Jun-23	2	ELS - Review by PM's & ICE review (28 d + 7d)																		
TWD-720	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	25-Jun-23	08-Jul-23	2	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-730	ELS - Obtain Approval	7	09-Jul-23	15-Jul-23	2	ELS - Obtain Approval																		
Temporary pipework between PST Stage 1 and A-Tank Inlet [Temporary pumping system]																								
TWD-750	Hydraulic design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)	96	01-May-23	04-Aug-23	8	Hydraulic design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)																		
TWD-760	Civil structure design - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	96	31-May-23	03-Sep-23	8	Civil structure design - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																		
TWD-770	ELS - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	96	30-Jun-23	03-Oct-23	18	ELS - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																		
Temporary pumping and pipeworks between existing Detritor and PST Stage 1 [Temp. pumping system]																								
TWD-780	Hydraulic design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)	96	01-May-23	04-Aug-23	-63	Hydraulic design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)																		
TWD-790	Civil structure design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)	96	31-May-23	03-Sep-23	-63	Civil structure design - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)																		
TWD-800	ELS - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)	96	30-Jun-23	03-Oct-23	-53	ELS - Prep(45d), Sub.&Review(30d), Comment&Resub (14d) & Approval (7d)																		
Temporary Traffic Arrangement at Wang Lok Street																								
TWD-810	TTA - Engage TTA Consultant	60	20-Dec-22 A	20-Jun-23	923	TTA - Engage TTA Consultant																		
TWD-820	TTA - Prepare/submit/review/approve TTA design and drawings to PM and TMLG	120	21-Jun-23	18-Oct-23	923	TTA - Prepare/submit/review/approve TTA design and drawings to PM and TMLG																		
Temporary Working Platform at ELS																								
Temporary Working Platform at AGS ELS																								
TWD-900	Temp. Working Platform - AGS ELS - Review by PM's & ICE review (28 d + 7d)	35	14-Feb-23 A	22-May-23	-263	Temp. Working Platform - AGS ELS - Review by PM's & ICE review (28 d + 7d)																		
TWD-910	Temp. Working Platform - AGS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	23-May-23	05-Jun-23	-263	Temp. Working Platform - AGS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-920	Temp. Working Platform - AGS ELS - Obtain Approval	7	06-Jun-23	12-Jun-23	-263	Temp. Working Platform - AGS ELS - Obtain Approval																		
Temporary Working Platform at TTS ELS																								
TWD-950	Temp. Working Platform - TTS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	17-Apr-23 A	14-May-23	-63	Temp. Working Platform - TTS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-960	Temp. Working Platform - TTS ELS - Obtain Approval	7	15-May-23	21-May-23	-63	Temp. Working Platform - TTS ELS - Obtain Approval																		
Contractor's Permanent Works Design (include ATAL)																								



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

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

Monthly Progress Report No. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
 Layout : DC201910 MPR30-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April					May					June					July					August
						30					31					32					33					34
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06		
AIP																										
Package 3A - Plant Service Water																										
AIP-520	E&M AIP Report for Plant Service Water - Resubmission for further review	45	20-Dec-21 A	19-May-23	-30	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	20-May-23	26-May-23	-30	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	24-Jan-22 A	22-May-23	200	Control & Monitoring System - Resubmission for further review																				
AIP-620	Control & Monitoring System - Obtain Approval	7	23-May-23	29-May-23	200	Control & Monitoring System - Obtain Approval																				
Package 22A - Sampling System of YLEPP																										
AIP-930	Sampling System - Resubmission for further review	45	24-Dec-22 A	16-May-23	-59	Sampling System - Resubmission for further review																				
AIP-940	Sampling System - Obtain Approval	7	17-May-23	23-May-23	-59	Sampling System - Obtain Approval																				
Package 23A - Security, Public Address and Communication System																										
AIP-960	SPC - Review by PM's & ICE review (28 d + 7d)	45	19-Apr-23 A	14-Jun-23	23	SPC - Review by PM's & ICE review (28 d + 7d)																				
AIP-970	SPC - Resubmission for further review	45	15-Jun-23	29-Jul-23	23	SPC - Resubmission for further review																				
DDA																										
Package 2 - Tertiary Treatment System																										
DDA-170	Civil Req. for TTS (Foundation design) - Prepare(27d), Sub. & Review(45d),Comment & Resub.(14d), GEO(28d)&	121	13-Jun-21 A	30-May-23	65	Civil Req. for TTS (Foundation design) - Prepare(27d), Sub. & Review(45d),Comme																				
DDA-150	Foundation for TTS - Prepare (90d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d), GEO (28d)	213	08-Oct-21 A	18-Jul-23	19	Foundation for TTS - P																				
DDA-180	Civil Req. for TTS (Superstruct. design) - Prepare (147d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approv	213	11-Oct-21 A	30-May-23	161	Civil Req. for TTS (Superstruct. design) - Prepare (147d), Sub. & Review(45d) ,Com																				
DDA-190	P&ID for TTS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	161																					
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	161																					
DDA-210	Electrical& Control for TTS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	161																					
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	126	17-Nov-22 A	03-Sep-23	88																					
DDA-160	Civil & Structural for TTS - Prepare (120d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	177	17-Nov-22 A	22-Aug-23	-19																					
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	200	02-Jun-23*	18-Dec-23	137																					
Package 3 - Mainstream Bio-Reactor System																										
DDA-260	Civil Req. for MBS-AGS (Foundation design) - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Ap	126	09-Jun-21 A	15-May-23	58	Civil Req. for MBS-AGS (Foundation design) - Prepare (60d), Sub. & Review (45d) ,Comment & Resub																				
DDA-280	P&ID for MBS (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	18-Sep-23	284																					
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	18-Sep-23	284																					
DDA-300	Electrical& Control for MBS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	405	08-Oct-21 A	18-Sep-23	284																					
DDA-270	Civil Req. for MBS-AGS (Superstruct. design) - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Ap	126	01-Mar-22 A	29-May-23	58	Civil Req. for MBS-AGS (Superstruct. design) - Prepare (60d), Sub. & Review(45d) ,C																				
DDA-240	Foundation for MBS - Prepare (97d), Sub. & Review(45d) ,Comment & Resub.(14d),GEO (28d) & Approval (7d)	230	18-Mar-22 A	07-Sep-23	84																					
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	170	20-Jan-23 A	03-Oct-23	58																					
DDA-1530	VCAB for AGS&TTS - Prepare (30d), Sub. & Review(30d)	234	16-May-23	04-Jan-24	252																					
Package 5A - Master Water Meter Room																										
DDA-360	Foundation for Master WM Room- Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d),GEO(28d) & App	154	15-Feb-22 A	17-Jun-23	67	Foundation for Master WM Room- Prepare (60d), Sub. & Rev																				
DDA-370	Civil & Struct. for WM Room- Prepare (90d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	156	15-Apr-22 A	14-Aug-23	74																					
DDA-380	General Arrangement & Civil Req. for MWMC - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Ap	100	14-Apr-23 A	21-Aug-23	67																					
DDA-390	P&ID for MWMC - MBS (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	95	01-May-23	03-Aug-23	85	P&																				
DDA-400	Mechanical for MWMC - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	100	25-Jun-23	02-Oct-23	125																					
DDA-410	Electrical& Control for MWMC - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	100	25-Jun-23	02-Oct-23	125																					
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	29-May-23	-33	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub (14d)																				
DDA-1040	Piping & Instrumentation Diagram (P&ID) - Prep(30d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	373	30-May-23	05-Jun-24	-33																					
DDA-1060	Electrical & Control for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	373	30-May-23	05-Jun-24	-33																					
DDA-1070	Mechanical for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	373	30-May-23	05-Jun-24	-33																					
Package 6 - Sludge Thickening Chemical and Dosing System																										
DDA-1120	P&ID for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	335	14-Aug-21 A	30-Sep-23	438																					
DDA-440	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & App	250	09-Nov-21 A	03-Aug-23	-20	Civil																				
DDA-440B	Civil Req. for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	300	15-Nov-21 A	27-May-23	564	Civil Req. for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) &																				
DDA-1130	Mechanical for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	340	15-Nov-21 A	30-Sep-23	438																					
DDA-1140	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	315	30-Nov-21 A	01-Nov-23	406																					
DDA-1520	Mechanical Ventilation and Air conditional System Design for Sludge Thickening Building (STB)	320	16-Jun-22 A	01-Nov-23	445																					
DDA-1510	Plumbing and Drainage System Design for Sludge Thickening Building (STB)	320	07-Jul-22 A	01-Nov-23	445																					
DDA-1500	Fire Services Design for Sludge Thickening Building (STB)	320	08-Jul-22 A	01-Nov-23	445																					
DDA-430	Found. for STCS,WasteGasBurner & Guard Hse- Prepare(60d),Sub.&Review(45d),Comment & Resub.(14d),GEO(96	29-Jun-23	02-Oct-23	1003																					
DDA-1150	Building Services for STCDS - Prepare (60d), Sub. & Review(45d) ,Comment & Resub.(14d) & Approval (7d)	126	29-Jun-23	01-Nov-23	406																					
Package 7 - CLP Substation and 11kV Switchgear House																										
DDA-470	Electrical System for all facilities - Prepare (28d), Sub. & Review(28d) ,Comment & Resub.(14d) & Approval (7d)	78	01-Jun-21 A	30-May-23	41	Electrical System for all facilities - Prepare (28d), Sub. & Review(28d) ,Comment &																				
DDA-490	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (28d), Sub. & Review(28d) ,Comment & Resub.(14d) & Appro	78	01-Jun-21 A	30-May-23	50	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (28d), Sub. & Review(28d) ,Con																				
DDA-480	UPS System for CLPSub.&11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d),Comment & Resub.(14d)&	168	03-Jun-21 A	20-Jun-23	38	UPS System for CLPSub.&11kV Switchgear Hse - Prepare																				
DDA-1160	Earthing & Lighting System Design Report - Prepare (28d), Sub. & Review(28d) ,Comment & Resub.(14d) & App	78	02-Jul-21 A	30-May-23	41	Earthing & Lighting System Design Report - Prepare (28d), Sub. & Review(28d) ,C																				
DDA-1450	VCAB, FSD & WSD Design Report - Prepare (28d), Sub. & Review(28d) ,Comment & Resub.(14d) & Approval (7d)	78	02-Jul-21 A	29-Jun-23	41	VCAB, FSD & WSD Design Report - Prepare (
Package 9 - Inlet Work (IW)																										
DDA-1180	PID for Inlet Work - Prepare (30d), Sub. & Review(30d) ,Comment & Resub.(14d) & Approval (7d)	120	10-Jul-21 A	27-Jun-23	37	PID for Inlet Work - Prepare (30d), Sub. & Review																				



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

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

Monthly Progress Report No. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
 Layout : DC201910 MPR30-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August	
						30				31				32				33				34	
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30
DDA-1170	Civil Req. Drawing for Inlet Work - Prepare (30d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	82	04-Aug-21 A	28-May-23	-219	Civil Req. Drawing 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)	120	09-Aug-21 A	30-Jun-23	34	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)	120	30-Oct-21 A	30-Jun-23	-16	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	30-Mar-22 A	30-Sep-23	-108	Building Services for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																	
Package 10 - Primary Sedimentation Tank (PST)																							
DDA-1230	PID for PST - Prepare (46d), Sub. & Review(30d), Comment & Resub.(14d) & Approval (7d)	120	01-Jun-21 A	28-Jun-23	-52	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)	120	01-Jun-21 A	28-Jun-23	848	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	28-Jun-23	848	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)	90	01-Oct-21 A	30-Jun-23	816	Building Services for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub.(14d) & Approval (7d)																	
Package 11 - Control and Monitoring System																							
DDA-580	Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d)	130	02-Oct-21 A	30-Jun-23	58	Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub.&Review(28d), Comment&Resub (14d)																	
DDA-550	Supervisory Control&Data Application (SCADA) System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	238	24-Apr-23 A	24-Nov-23	21	Supervisory Control&Data Application (SCADA) 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)	208	01-May-23	24-Nov-23	21	Data Collection, Management, Analysis, & Model System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d)																	
DDA-1270	Gas Detection System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)	91	24-May-23	22-Aug-23	311	Gas Detection System - Prep(28d), Sub.&Review(28d), Comment&Resub (14d) & Approval (7d)																	
Package 12 - Chemical System for STB																							
DDA-650	Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	29-Jun-23	01-Nov-23	406	Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
Package 13 - Pipework System																							
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-23	-56	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-23	526	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-23	20-Sep-23	126	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-23	20-Sep-23	1010	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	18-May-23	20-Sep-23	126	Pipeworks System for Sludge Digesters - Prep(60d),Sub.&Review(45d),Comment&Resub (14d) &Approval (7d)																	
Package 14 - Sludge Anaerobic Digestion System (SDT)																							
DDA-1300	PID for SDT - Prepare (47d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	460	01-Jul-21 A	01-Jun-23	237	PID for SDT - 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)	460	02-Jul-21 A	09-Dec-23	46	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)	200	10-Jul-21 A	19-Oct-23	-112	Civil Req. Drawing 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)	460	10-Jul-21 A	30-Sep-23	116	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)	580	10-Jul-21 A	14-Jun-23	898	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-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	30-Jun-23	496	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	01-Jun-23	-112	Civil Req. Drawing for Biogas Storage&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	05-Oct-21 A	30-Jun-23	496	Mechanical 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	07-Dec-21 A	01-Jun-23	496	Civil Req. Drawing 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)	183	01-Jul-23	30-Dec-23	496	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)	183	01-Jul-23	30-Dec-23	496	Building Services for Biogas H2S Removal System - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)																	
Package 16 - Deodorization Unit System																							
DDA-1420	Mechanical for DOU No. 1 - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)	78	04-Mar-22 A	27-May-23	124	Mechanical for DOU No. 1 - 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)	300	17-Jul-22 A	22-Oct-23	457	Mechanical for DOU No. 3 - 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)	135	28-May-23	09-Oct-23	470	Mechanical for DOU No. 2A and 2B - Prepare(28d),Sub& Review(28d),Comment&Resub(14d) & Approval (7d)																	
Package 20 - Trellis																							
DDA-720	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	207	03-Jul-23	25-Jan-24	761	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 22 - Sampling System of YLEPP																							
DDA-740	Sampling System for IM&PST - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	62	24-May-23	24-Jul-23	-59	Sampling System for IM&PST - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-1630	Sampling System for STB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	128	25-Jul-23	29-Nov-23	-59	Sampling System for STB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 23 - Security, Public Address and Communication System																							
DDA-750	SPC sitewide ACS - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	98	29-May-23	03-Sep-23	23	SPC sitewide ACS - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 24 - Administration Building (ADB)																							
DDA-0960	Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	01-May-23	03-Sep-23	205	Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
Design out of ATAL's Scope																							
DDA-1540	Drainage systems at base slab / foundation levels - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	01-May-23	03-Sep-23	66	Drainage systems at base slab / foundation levels - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-1560	Street fire hydrant system - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-May-23	03-Sep-23	66	Street fire hydrant system - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-1590	Motor-driven Entrance Gate - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-May-23	03-Sep-23	64	Motor-driven Entrance Gate - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Technical Submission																							
Hazardous Area Classification and Fire Risk Assessment																							
TS-1810	Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	20-Sep-21 A	04-Jun-23	93	Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1820	Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	20-Sep-21 A	04-Jun-23	93	Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
Factory Acceptance Test Plans																							
SUBM-1090	Submit/review/approval Factory Acceptance Test Plans - Inlet pumps	120	18-Apr-23 A	21-Aug-23	34	Submit/review/approval Factory Acceptance Test Plans - Inlet pumps																	
SUBM-1100	Submit/review/approval Factory Acceptance Test Plans - Thickening centrifuges	120	01-May-23	28-Aug-23	269	Submit/review/approval Factory Acceptance Test Plans - Thickening centrifuges																	
SUBM-1110	Submit/review/approval Factory Acceptance Test Plans - Disc filter system	120	01-May-23	28-Aug-23	81	Submit/review/approval Factory Acceptance Test Plans - Disc filter system																	
SUBM-1120	Submit/review/approval Factory Acceptance Test Plans - 11kV switchboards	120	01-May-23	28-Aug-23	-71	Submit/review/approval Factory Acceptance Test Plans - 11kV switchboards																	
SUBM-1130	Submit/review/approval Factory Acceptance Test Plans - SCADA system	120	01-May-23	28-Aug-23	-6	Submit/review/approval Factory Acceptance Test Plans - SCADA system																	
SUBM-1140	Employment of third-party independent surveyor for Factory Acceptance Tests	60	01-May-23	29-Jun-23	-71	Employment of third-party independent surveyor for Factory Acceptance Tests																	



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

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

Monthly Progress Report No. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
 Layout : DC201910 MPR30-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August		
						30				31				32				33				34		
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06
Operation and Maintenance (O&M) Manuals and Installation Manuals (PS 34.20(11)(12)(13))																								
Inlet Works and Primary Sedimentation Tank																								
SUBM-1070	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	05-Jan-23 A	19-Jun-23	-75	Submit/review/approval Operation and Maintenance (O&M)																		
SUBM-1200	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - revised draft	60	20-Jun-23	18-Aug-23	68																			
AGS and TTS system																								
SUBM-1220	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	20-Jun-23	18-Aug-23	275																			
Sludge Thickening System																								
SUBM-1250	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	20-Jun-23	18-Aug-23	755																			
Sludge Digestion System																								
SUBM-1310	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	20-Jun-23	18-Aug-23	-55																			
Biogas H2S Removal System																								
SUBM-1280	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	20-Jun-23	18-Aug-23	-55																			
Commissioning Plan and Procedures (PS34.20(10))																								
SUBM-1080	Employment of HOKLAS laboratory for commissioning test	60	23-May-22 A	28-Jun-23	29	Employment of HOKLAS laboratory for commiss																		
SUBM-1000	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of IW	120	29-Jun-23	26-Oct-23	87																			
SUBM-1010	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of PST	120	29-Jun-23	26-Oct-23	29																			
SUBM-1020	Submit/review/approval Commissioning Plan and Procedures - AGS	120	29-Jun-23	26-Oct-23	246																			
SUBM-1030	Submit/review/approval Commissioning Plan and Procedures - TTS	120	29-Jun-23	26-Oct-23	701																			
SUBM-1040	Submit/review/approval Commissioning Plan and Procedures - STB	120	29-Jun-23	26-Oct-23	746																			
SUBM-1050	Submit/review/approval Commissioning Plan and Procedures - SDT	120	29-Jun-23	26-Oct-23	348																			
SUBM-1060	Submit/review/approval Commissioning Plan and Procedures - Biogas system	120	29-Jun-23	26-Oct-23	680																			
Material Submission, Procurement, Manufacturing and Delivery																								
Inlet Works																								
PRE-210	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Screening system (fixed bar,coarse,fine)	300	16-Mar-21 A	31-Jul-23	9	Submit																		
PRE-700	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Inlet pumps (HF,LF,Drainage)	330	05-Jan-22 A	30-Aug-23	34																			
PRE-290	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Grit Trap and classifier	270	18-Feb-22 A	23-Dec-23	-89																			
PRE-280	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Conveyer and compactor	270	12-Apr-22 A	23-Dec-23	-32																			
PRE-330	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - DOU-01	330	26-May-22 A	03-Jan-24	-90																			
PRE-300	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - LALG	270	28-Jul-22 A	21-Nov-23	-100																			
PRE-310	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Penstocks and stoplogs	270	13-Sep-22 A	21-Nov-23	-104																			
PRE-320	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - MVAC-Ventilation Fan	211	10-Jan-23 A	23-Dec-23	-75																			
Primary Sedimentation Tanks																								
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Incline d plate settler	225	08-Dec-21 A	04-Sep-23	-80																			
PRE-380	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - LALG	180	25-Jul-22 A	21-Jun-23	-56	Submit/Procure/Manufacture/Deliver New Primary Sedi																		
PRE-390	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Penstocks and stoplogs	270	13-Aug-22 A	18-Sep-23	-50																			
PRE-340	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Bottom scraper	255	08-Sep-22 A	19-Oct-23	32																			
PRE-350	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - IPS air scouring blower	255	27-Sep-22 A	07-Nov-23	-15																			
PRE-360	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Scum pump and skimmer	255	29-Sep-22 A	18-Oct-23	-45																			
PRE-370	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Primary sludge pump and grinder	255	29-Sep-22 A	31-Jul-23	34	Submit																		
PRE-340a	Submit/Appoint manufacturer's representative for sludge bottom scraper (PS Cl. 35.26(7))	194	12-Oct-22 A	19-Oct-23	32																			
PRE-400	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Pipeworks and valves	194	15-Oct-22 A	18-Sep-23	-25																			
Biogas Holder																								
PRE-270	Submit/Procure/Manufacture/Deliver Biogas Holding Tanks (membrane, steel tank and parts, instrumentation)	660	09-Jun-21 A	22-Jul-23	557	Submit/Procure/M																		
PRE-410	Submit/Procure/Manufacture/Deliver Waster Gas Burner	300	19-Aug-21 A	19-Nov-25	249																			
PRE-420	Submit/Procure/Manufacture/Deliver H2S Removal System	510	25-Feb-22 A	20-Feb-24	540																			
PRE-430	Submit/Procure/Manufacture/Deliver Biogas booster and transfer pumps	326	30-Dec-22 A	20-Feb-24	561																			
Sludge Digester Tank																								
PRE-750	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Flame Arresters	100	31-Oct-22 A	20-Jul-23	188	Submit/Procure/Man																		
PRE-780	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Mixing System and Heat Exchanger for Sludge Anaer	420	22-Dec-22 A	10-Feb-24	73																			
PRE-720	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Inspection Windows for Sludge Anaerobic System	365	18-Jan-23 A	20-Feb-24	63																			
PRE-730	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Gas Take Off Dome for Sludge Anaerobic Digestion S	365	18-Jan-23 A	20-Feb-24	63																			
PRE-710	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Pressure and Vacuum Relief Valves	300	01-Mar-23 A	28-Dec-23	28																			
PRE-740	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Telescopic Valve for Sludge Anaerobic Digestion Syst	262	10-Jun-23	26-Feb-24	28																			
Sludge Thickening Building																								
PRE-250	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Thickening Centrifuges	360	12-Nov-21 A	20-Apr-24	269																			
PRE-500	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Pump and jet mixer	300	07-Jan-22 A	20-Apr-24	269																			
PRE-510	Submit/Procure/Manufacture/Deliver Sludge Thickening System - LALG	256	28-Mar-23 A	20-Apr-24	269																			
PRE-480	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Polymer preparation system	388	12-Apr-23 A	20-Apr-24	235																			
PRE-520	Submit/Procure/Manufacture/Deliver Sludge Thickening System - MVAC	356	01-May-23*	20-Apr-24	269																			
PRE-490	Submit/Procure/Manufacture/Deliver Sludge Thickening System - DOU-03	300	26-Jun-23*	20-Apr-24	265																			
Mainstream Bio-Reactor																								
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - AGS system	480	09-Sep-22 A	03-Jul-24	-5																			
PRE-530	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Penstocks and stoplogs	345	31-Oct-22 A	02-Aug-24	47																			
PRE-550	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Sludge pre-thickening system	510	31-Oct-22 A	03-Jul-24	104																			
PRE-540	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Chemical storage and dosing system	270	18-Nov-22 A	03-Jul-24	-5																			



- 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. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
Layout : DC201910 MPR30-3MRP
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Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August		
						30				31				32				33				34		
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06
Tertiary Treatment System																								
PRE-610	Submit/Procure/Manufacture/Deliver TTS Equip. - Pumping system	495	19-Jul-22 A	05-Jul-24	111	[Gantt bar: 19-Jul-22 to 05-Jul-24]																		
PRE-600	Submit/Procure/Manufacture/Deliver TTS Equip. - UV disinfection system	510	08-Sep-22 A	05-Jul-24	111	[Gantt bar: 08-Sep-22 to 05-Jul-24]																		
PRE-240	Submit/Procure/Manufacture/Deliver TTS Equip. - Disc Filter	600	27-Sep-22 A	04-Aug-24	81	[Gantt bar: 27-Sep-22 to 04-Aug-24]																		
PRE-590	Submit/Procure/Manufacture/Deliver TTS Equip. - Chemical cleaning system	480	18-Nov-22 A	05-Jul-24	111	[Gantt bar: 18-Nov-22 to 05-Jul-24]																		
PRE-630	Submit/Procure/Manufacture/Deliver TTS Equip. - Penstocks and stoplogs	435	30-Nov-22 A	05-Jul-24	111	[Gantt bar: 30-Nov-22 to 05-Jul-24]																		
PRE-620	Submit/Procure/Manufacture/Deliver TTS Equip. - LALG	418	15-May-23*	05-Jul-24	111	[Gantt bar: 15-May-23 to 05-Jul-24]																		
Electrical and Control System																								
PRE-680	Submit/Procure/Manufacture/Deliver Electrical and Control System - SCADA and instrumentation	420	30-Apr-22 A	22-Jan-24	-6	[Gantt bar: 30-Apr-22 to 22-Jan-24]																		
PRE-640	Submit/Procure/Manufacture/Deliver Electrical and Control System - HVSB and Tx	283	21-Dec-22 A	04-Jan-24	-71	[Gantt bar: 21-Dec-22 to 04-Jan-24]																		
PRE-650	Submit/Procure/Manufacture/Deliver Electrical and Control System - LVSB	300	21-Dec-22 A	18-Dec-23	-111	[Gantt bar: 21-Dec-22 to 18-Dec-23]																		
PRE-660	Submit/Procure/Manufacture/Deliver Electrical and Control System - UPS	300	21-Dec-22 A	04-Jan-24	-104	[Gantt bar: 21-Dec-22 to 04-Jan-24]																		
PRE-670	Submit/Procure/Manufacture/Deliver Electrical and Control System - Armoured Cable	203	21-Dec-22 A	24-Aug-24	-117	[Gantt bar: 21-Dec-22 to 24-Aug-24]																		
Site Establishment Works																								
Portion 5 - Walkway																								
P5-100	Portion 5 - Initial Survey and Record, Underground Utilities Detection	12	12-Jun-23	26-Jun-23	789	[Gantt bar: 12-Jun-23 to 26-Jun-23]																		
P5-110	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	12-Jun-23	26-Jun-23	789	[Gantt bar: 12-Jun-23 to 26-Jun-23]																		
Statutory Submission & Approval																								
FSI, FSD and OP Requirements																								
FSI Submission & Approval																								
FSD-1040	Submission/Review/Approval by PM and FSD - Full GBP+GBP for TOP1 with DG - RfC & 2nd submission	120	28-Feb-23 A	28-Jul-23	-167	[Gantt bar: 28-Feb-23 to 28-Jul-23]																		
FSD-1200	Submission/Review/Approval by PM and FSD - Full GBP+GBP for TOP1 with DG - RfC & 3rd submission	120	29-Jul-23	25-Nov-23	-167	[Gantt bar: 29-Jul-23 to 25-Nov-23]																		
WSD Submission & Approval																								
WSD-1000	WSD - Submit Form WWO542	0		30-Apr-23	7	[Milestone: 30-Apr-23]																		
WSD-1010	WSD - Form WWO542 PM&WSD review and approval	90	01-May-23	29-Jul-23	7	[Gantt bar: 01-May-23 to 29-Jul-23]																		
WSD-1020	WSD - Submit Form WWO46 Part 1 and 2	0		29-Jul-23	7	[Milestone: 29-Jul-23]																		
EMSD Submission & Approval																								
Biogas System (ATAL)																								
Phase 1																								
ATAL-FS-0020	Form 105 for Biogas Holder Tank 1(Submission and Approval Period)	184	08-Nov-22 A	01-Dec-23	679	[Gantt bar: 08-Nov-22 to 01-Dec-23]																		
EPD Submission & Approval for VEP																								
EPD-1000	EPD - VEP Review, prepare and submit to PM	60	01-May-23	29-Jun-23	164	[Gantt bar: 01-May-23 to 29-Jun-23]																		
EPD-1010	EPD - VEP RfC to PM and approval	28	30-Jun-23	27-Jul-23	164	[Gantt bar: 30-Jun-23 to 27-Jul-23]																		
EPD-1020	EPD - VEP Submission to DSD and EPD	28	28-Jul-23	24-Aug-23	164	[Gantt bar: 28-Jul-23 to 24-Aug-23]																		
HAZOP Study																								
IW and PST																								
HAZOP-Z1-020	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	-52	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z1-030	HAZOP - Obtain Approval	7	21-May-23	27-May-23	-52	[Gantt bar: 21-May-23 to 27-May-23]																		
AGS System																								
HAZOP-Z2-020	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	398	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z2-030	HAZOP - Obtain Approval	7	21-May-23	27-May-23	398	[Gantt bar: 21-May-23 to 27-May-23]																		
TTS System																								
HAZOP-Z2-40	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	342	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z2-50	HAZOP - Obtain Approval	7	21-May-23	27-May-23	342	[Gantt bar: 21-May-23 to 27-May-23]																		
Biogas H2S Removal System																								
HAZOP-Z3-020	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	530	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z3-030	HAZOP - Obtain Approval	7	21-May-23	27-May-23	530	[Gantt bar: 21-May-23 to 27-May-23]																		
Sludge Thickening and Chemical System																								
HAZOP-Z3-40	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	564	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z3-50	HAZOP - Obtain Approval	7	21-May-23	27-May-23	564	[Gantt bar: 21-May-23 to 27-May-23]																		
Sludge Digestion System																								
HAZOP-Z3-70	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	242	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z3-80	HAZOP - Obtain Approval	7	21-May-23	27-May-23	242	[Gantt bar: 21-May-23 to 27-May-23]																		
DOU and PSW System																								
HAZOP-Z3-100	HAZOP - Re-submission of Design / Installation methodology	20	01-Apr-23 A	20-May-23	124	[Gantt bar: 01-Apr-23 to 20-May-23]																		
HAZOP-Z3-110	HAZOP - Obtain Approval	7	21-May-23	27-May-23	124	[Gantt bar: 21-May-23 to 27-May-23]																		
General Advance Works																								
NSWSPS Sensors																								
ATALGA-1130	CMS - NSWSPS Sensor	51	11-Oct-22 A	30-May-23	27	[Gantt bar: 11-Oct-22 to 30-May-23]																		
ATALGA-1160	CGS - Method Statement for Installation	101	11-Oct-22 A	11-Jun-23	123	[Gantt bar: 11-Oct-22 to 11-Jun-23]																		
ATALGA-1170	Procurement & Delivery of Sensor	101	31-May-23	08-Sep-23	34	[Gantt bar: 31-May-23 to 08-Sep-23]																		
Disc Filter (DF) Pilot Plant																								
ATALGA-1190	T&C	22	22-Sep-22 A	22-May-23	324	[Gantt bar: 22-Sep-22 to 22-May-23]																		



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

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

Monthly Progress Report No. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
 Layout : DC201910 MPR30-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August		
						30				31				32				33				34		
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06
Dissolved Air Flotation (DAF) Pilot Plant																								
ATALGA-1200	T&C	11	21-Jul-22 A	19-May-23	198	T&C																		
ATALGA-1220	Post-commissioning	128	20-May-23	21-Oct-23	198																			
Aerobic Granular Sludge (AGS) Pilot Plant																								
ATALGA-1210	Seeding, process start-up and T&C	52	16-Jun-22 A	19-May-23	198	Seeding, process start-up and T&C																		
ATALGA-1270	Post-commissioning	128	20-May-23	21-Oct-23	198																			
Zone 1 Construction																								
Inlet Works (IW)																								
IW Foundation & ELS Works																								
IW Basement																								
IW Excavation Works & ELS																								
IW Zone A/D- ELS																								
Z1-IW-6390	IW- Concrete Backing & Preload (Zone A/D 2nd Layer)	13	21-Mar-23 A	05-Apr-23 A		IW- Concrete Backing & Preload (Zone A/D 2nd Layer)																		
Z1-IW-5800	IW- Excavation: 3rd Layer +1.0 ~ - 1.625mPD (4,776m3) (3-4 excavators @ 300m3/d) *pond sediment	14	06-Apr-23 A	10-May-23	-167	IW- Excavation: 3rd Layer +1.0 ~ - 1.625mPD (4,776m3) (3-4 excavators @ 300m3/d) *pond sediment																		
Z1-IW-5810	IW- Strutting: 3rd Layer @-1.125mPD (10 welders @ 23ton/d)	14	11-May-23	27-May-23	-167	IW- Strutting: 3rd Layer @-1.125mPD (10 welders @ 23ton/d)																		
Z1-IW-6470	IW- Strutting: 3rd Layer concrete backing and preload (Zone A/D)	6	29-May-23	03-Jun-23	-167	IW- Strutting: 3rd Layer concrete backing and preload (Zone A/D)																		
Z1-IW-5820	IW- Excavation: 4th Layer -1.625 ~ -2.675 (ZoneD) / -3.38mPD (Zone A) (3,105m3) (3-4 excavators @ 500m3/d)	7	05-Jun-23	12-Jun-23	-167	IW- Excavation: 4th Layer -1.625 ~ -2.675 (ZoneD) / -3.38mPD (Zone A) (3,105m3) (3-4 excavators @ 500m3/d)																		
Z1-IW-5830	IW- Strutting: 4th Layer @-2.88mPD with preload (10 welders @ 23ton/d)	10	18-Jul-23	28-Jul-23	-173	IW- Strutting: 4th Layer @-2.88mPD with preload (10 welders @ 23ton/d)																		
Z1-IW-5840	IW- Excavation to Formation -3.38 ~-7.525mPD (4,001m3) (3-4 excavators @ 500m3/d)	5	29-Jul-23	03-Aug-23	-173	IW- Excavation to Formation -3.38 ~-7.525mPD (4,001m3) (3-4 excavators @ 500m3/d)																		
Modification of Zone A/D Strut																								
Z1-IW-6430	IW(A/D) - Design amendment subm. for modify S1&2 (prep=30d,ICE=14d,ICE Rtc=14d,PM=14d,PM Rtc=14d)	86	21-Mar-23 A	08-Aug-23	-110																			
Z1-IW-6440	IW(A/D) - Method statement subm. for modify S1&2 (prep=30d,1st Rtc=14d)	44	03-Jul-23	22-Aug-23	-110																			
IW Zone C - ELS																								
Z1-IW-5685	IW- Concrete Backing & Preload (2nd Layer)	5	01-Mar-23 A	11-Mar-23 A		IW- Concrete Backing & Preload (2nd Layer)																		
Z1-IW-5690	IW- Excavation: 3rd Layer +1.0~-1.625mPD (5,704m3) (3-4 excavators @ 300m3/d) *pond sediment	17	13-Mar-23 A	27-Apr-23 A		IW- Excavation: 3rd Layer +1.0~-1.625mPD (5,704m3) (3-4 excavators @ 300m3/d) *pond sediment																		
Z1-IW-5700	IW- Backprop installation with preload (10 welders @ 23ton/d)	7	07-Jun-23	14-Jun-23	-173	IW- Backprop installation with preload (10 welders @ 23ton/d)																		
Z1-IW-6420	IW- Concrete Backing & Preload (3rd Layer)	4	15-Jun-23	19-Jun-23	-173	IW- Concrete Backing & Preload (3rd Layer)																		
Z1-IW-5710	IW- Excavation to Formation -1.625~-3.125mPD (587m3) (2 excavators @ 120m3/d)	4	20-Jun-23	24-Jun-23	-173	IW- Excavation to Formation -1.625~-3.125mPD (587m3) (2 excavators @ 120m3/d)																		
IW Base Slab																								
Z1-IW-6070	IW- Zone C - Pile Cap @-1.625mPD (incl. earth mat installation)	42	28-Apr-23 A	06-Jun-23	-173	IW- Zone C - Pile Cap @-1.625mPD (incl. earth mat installation)																		
Z1-IW-6060	IW- Zone D - Pile Cap @-3.225mPD	22	13-Jun-23	10-Jul-23	-167	IW- Zone D - Pile Cap @-3.225mPD																		
Z1-IW-6080	IW- Zone C - Pile Cap @-3.05mPD	18	26-Jun-23	17-Jul-23	-173	IW- Zone C - Pile Cap @-3.05mPD																		
IW Basement RC Works																								
IW Zone C																								
Z1-IW-6280	IW(C) - Install Inclined Props & Remove WS3	4	18-Jul-23	21-Jul-23	-121	IW(C) - Install Inclined Props & Remove WS3																		
Z1-IW-6290	IW(C) - Wall Erection of Formworks and RC Works (+2.00 mPD)	10	22-Jul-23	02-Aug-23	-121	IW(C) - Wall Erection of Formworks and RC Works (+2.00 mPD)																		
IW Zone D early for PST early commissioning *																								
Z1-IW-6450	IW(D) - Wall Erection of Formworks and RC Works (-1.6 to +4.95mPD)	18	11-Jul-23	31-Jul-23	-115	IW(D) - Wall Erection of Formworks and RC Works (-1.6 to +4.95mPD)																		
Primary Sedimentation Tank (PST)																								
PST Stage 1																								
Basement RC Works (North Portion)																								
Z1-PST-4702	PST(S1) - Zone E3 - Base Slab RC Works (GL A-B, +2.95 to +5.65mPD)	5	01-Apr-23 A	11-Apr-23 A		PST(S1) - Zone E3 - Base Slab RC Works (GL A-B, +2.95 to +5.65mPD)																		
PST Superstructure																								
Stage 1																								
RC Works																								
PST Stage 1 - GL A-E (PST channel and outlet channel)																								
Z1-PST-3670	PST - RC Works for Wall and Intermediate Slab (GL A-E/4.5-6, +9.15mPD)	13	10-Feb-23 A	02-May-23	-83	PST - RC Works for Wall and Intermediate Slab (GL A-E/4.5-6, +9.15mPD)																		
Z1-PST-4682	PST - RC Works for Wall and Intermediate Slab (GL A-E/3-4.5, +9.15mPD)	13	10-Feb-23 A	10-May-23	-85	PST - RC Works for Wall and Intermediate Slab (GL A-E/3-4.5, +9.15mPD)																		
Z1-PST-3680	PST - RC Works for wall and 1/F slab (GL A-E, +9.15 to +11.75mPD)	18	11-May-23	01-Jun-23	-85	PST - RC Works for wall and 1/F slab (GL A-E, +9.15 to +11.75mPD)																		
Z1-PST-3750	PST - RC Works for wall/column (GL A-E, +11.75 to +18.15mPD)	8	02-Jun-23	10-Jun-23	-70	PST - RC Works for wall/column (GL A-E, +11.75 to +18.15mPD)																		
Z1-PST-3760	PST - RC Works for roof slab (GL A-E, +11.75 to +18.15mPD) falsework sit on +11.8mPD	16	12-Jun-23	30-Jun-23	-70	PST - RC Works for roof slab (GL A-E, +11.75 to +18.15mPD) falsework sit on +11.8mPD																		
PST Stage 1 - GL E-H (PST channel)																								
Z1-PST-4622	PST - RC Works for Intermediate Slab (GL E-H, +9.15mPD)	13	21-Mar-23 A	24-Apr-23 A		PST - RC Works for Intermediate Slab (GL E-H, +9.15mPD)																		
Z1-PST-3710	PST - RC Works for wall and 1/F slab (GL E-H, +9.15 to +11.75mPD)	18	25-Apr-23 A	18-May-23	-74	PST - RC Works for wall and 1/F slab (GL E-H, +9.15 to +11.75mPD)																		
Z1-PST-4612	PST - RC Works for wall/column (GL E-H, +11.75 to +18.15mPD)	12	19-May-23	02-Jun-23	-64	PST - RC Works for wall/column (GL E-H, +11.75 to +18.15mPD)																		
Z1-PST-4602	PST - RC Works for roof slab (GL E-H, +11.75 to +18.15mPD)	17	03-Jun-23	23-Jun-23	-64	PST - RC Works for roof slab (GL E-H, +11.75 to +18.15mPD)																		
Water Tightness Test for PST																								
Z1-PST-4732	PST - Concrete develop strength	7	02-Jun-23	08-Jun-23	-106	PST - Concrete develop strength																		
Z1-PST-4742	PST - Strike formwork, falsework and make good for water tightness test	7	09-Jun-23	15-Jun-23	-106	PST - Strike formwork, falsework and make good for water tightness test																		
Z1-PST-3770	PST - Water Tightness Test 1 (PST channel 1&3)(water height=5.5m,bulkhead=2d,fill=3d,absorption=7d,test=7d,remove=7d)	21	16-Jun-23	06-Jul-23	-106	PST - Water Tightness Test 1 (PST channel 1&3)(water height=5.5m,bulkhead=2d,fill=3d,absorption=7d,test=7d,remove=7d)																		
Z1-PST-3780	PST - Water Tightness Test 2 (PST&outlet)(water height=5.5m,bulkhead=2d,fill=3d,absorption=7d,test=7d,remove=7d)	21	05-Jul-23	25-Jul-23	-51	PST - Water Tightness Test 2 (PST&outlet)(water height=5.5m,bulkhead=2d,fill=3d,absorption=7d,test=7d,remove=7d)																		
PST ABWF, E&M & T&C																								
PST Stage 1																								
PST Stage 1 - ABWF Works																								



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

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

Monthly Progress Report No. 30 - 3MRP (Apr 2023)

Project ID : DWPr25_230518
 Layout : DC201910 MPR30-3MRP
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Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
30-Apr-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April				May				June				July				August
						30				31				32				33				34
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23
PST1-3, Outlet channel																						
PST-3115	PST Stage 1 - Screeding at PST1&3 (clearance&set-out=1d,screed(2 pours)=2d, joint=1d)	4	07-Jul-23	11-Jul-23	-83																	
PST-3095	PST Stage 1 - Lining at PST 1&3 (surface prep=1d,scaffold=1d,install=3d,testing=1d,clearance=1d)	7	12-Jul-23	19-Jul-23	-83																	
PST-3125	PST Stage 1 - Screeding at PST 2 (clearance&set-out=1d,screed(2 pours)=2d, joint=1d)	4	26-Jul-23	29-Jul-23	-42																	
GLA-Habove +11.8mPD																						
PST-1370	PST Stage 1 - Strike formwork and falswork	3	03-Jul-23	05-Jul-23	-70																	
PST-3135	PST Stage 1 -ABWF Works (wall render:spray=1d,let-dry=5d) at +11.8/+18.15mPD	6	06-Jul-23	12-Jul-23	-70																	
PST-3165	PST Stage 1 -ABWF Works (wall plaster:3coats) at +11.8/+18.15mPD	2	13-Jul-23	14-Jul-23	-70																	
PST-3175	PST Stage 1 -ABWF Works (floor screeding) at +11.8/+18.15mPD	3	15-Jul-23	18-Jul-23	-70																	
PST-3185	PST Stage 1 -ABWF Works (floor coating:3coats) at +11.8/+18.15mPD	3	19-Jul-23	21-Jul-23	-70																	
PST Stage 1 - E&M Installation Works																						
Phase 1 (GLA-H, PST1-3, Outlet Channel)																						
ATALPST-000	PST Stage 1 - E&M Handover @ +11.8mPD (PST1&3)	0	20-Jul-23		-83																	
ATALPST-010	PST Stage 1 - E&M Handover @ +18.3mPD (GLA-H)	0	22-Jul-23		-70																	
PST Stage 1 - E&M Installation Works at Setting Zone (PST 1-3)																						
ATALPST-65	PST Stage 1 - Preparation Works (clearance, survey and setting out)	15	20-Jul-23	05-Aug-23	-83																	
PST Stage 1 - Outlet Channel																						
ATALPST-55	PST Stage 1 - Unloading of Stoplogs&Penstocks x 23 Nos	9	20-Jul-23	29-Jul-23	-56																	
CLP Substations No. 1 & 2																						
Civil Provision for CLP (drawpits & ductings)																						
CLP-1270	Ducting and Drawpits construction	30	13-Dec-22 A	03-Jun-23	29																	
CLP Substation No. 1																						
CLP-1340	CLP Substation No.1 - E&M Installation and T&C - Electrical services	19	30-Jan-23 A	19-May-23	41																	
CLP-1460	CLP Substation No.1 - E&M Installation and T&C - MVAC	10	30-Jan-23 A	19-May-23	57																	
CLP-1470	CLP Substation No.1 - E&M Installation and T&C - FS	11	30-Jan-23 A	19-May-23	57																	
CLP-1560	CLP Substation No.1 -ABWF Works (not required for Section 1 completion)	38	13-Feb-23 A	31-May-23	34																	
CLP-1490	CLP Substation No.1 - E&M Installation and T&C - Crane beam	6	16-Mar-23 A	21-Apr-23 A																		
CLP-1440	CLP Substation No.1 - Waterproofing and Testing	13	02-May-23*	16-May-23	34																	
CLP Substation No. 2																						
CLP-1350	CLP Substation No.2 - E&M Installation and T&C - Electrical services	19	30-Jan-23 A	19-May-23	31																	
CLP-1520	CLP Substation No.2 - E&M Installation and T&C - MVAC	10	30-Jan-23 A	19-May-23	31																	
CLP-1530	CLP Substation No.2 - E&M Installation and T&C - FS	11	30-Jan-23 A	19-May-23	31																	
CLP-1550	CLP Substation No.2 -ABWF Works (not required for Section 1 completion)	35	13-Feb-23 A	31-May-23	34																	
CLP-1540	CLP Substation No.2 - E&M Installation and T&C - Crane beam	6	16-Mar-23 A	21-Apr-23 A																		
CLP-1450	CLP Substation No.2 - Waterproofing and Testing	13	02-May-23*	16-May-23	34																	
CLP Substation No. 1 & 2 Handover Inspection and Installation																						
CLP-1500	CLP Substation No.1 & 2 - Defect works	10	20-May-23	01-Jun-23	31																	
CLP-1510	CLP Substation No.1 & 2 - CLP final inspection and handover	0		01-Jun-23	31																	
CLP-1070	CLP Substation No.1 - CLP Installation	90	05-Jun-23	19-Sep-23	29																	
CLP-1080	CLP Substation No.2 - CLP Installation	90	05-Jun-23	19-Sep-23	29																	
DSD 11kV Switchgear																						
CLP-1060	DSD11KV Switchgear - BS and ABWF Works (excl. GRC Cladding Installation)	36	25-Feb-23 A	20-Jun-23	40																	
CLP-1110	DSD11KV Switchgear - Installation	51	21-Jun-23	21-Aug-23	40																	
Sludge Dewatering Building (SDB)																						
SDB Foundation & ELS - Stage 1																						
SDB Preliminaries for Foundation Works																						
Submission and Advanced Works for Early Piling																						
SDB-1710	Prepare/submit/review/approve scheme with PM for early access for piling - 1st submission	14	14-Mar-23 A	31-May-23	262																	
SDB-1750	Prepare/submit/review/approve scheme with PM for early access for piling - resubmission	7	01-Jun-23	08-Jun-23	262																	
SDB-1760	Prepare/submit/review/approve scheme with DSD/ST1 for early access for piling - 1st submission	14	09-Jun-23	26-Jun-23	262																	
SDB-1770	Prepare/submit/review/approve scheme with DSD/ST1 for early access for piling - resubmission	7	27-Jun-23	05-Jul-23	262																	
SDB-1720	Prepare/submit/review/approve method statement of UU & road diversion for early access for piling - 1st submissi	14	06-Jul-23	21-Jul-23	262																	
SDB-1780	Prepare/submit/review/approve method statement of UU & road diversion for early access for piling - resubmission	7	22-Jul-23	29-Jul-23	262																	
SDB GI - Pre-drilling Works																						
SDB At PST4 and Existing Road																						
SDB-1080	PD21	12	28-Feb-23 A	18-Mar-23 A																		
SDB-1020	PD19	12	20-Mar-23 A	21-Apr-23 A																		
SDB-1260	PD8	12	22-Apr-23 A	12-May-23	245																	
SDB-1010	PD10	12	13-May-23	27-May-23	245																	
SDB-1250	PD6	12	29-May-23	10-Jun-23	245																	
SDB-1040	PD20	12	29-May-23	10-Jun-23	245																	
SDB-1230	PD1	12	12-Jun-23	26-Jun-23	296																	
SDB-1030	PD22	12	12-Jun-23	26-Jun-23	318																	
SDB-1350	PD4 w/ obstruction (PST4)	12	27-Jun-23	11-Jul-23	296																	
SDB-1290	PD7	12	27-Jun-23	11-Jul-23	318																	



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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April					May					June					July					August
						30					31					32					33					34
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06		
SDB-1360	PD5 w/ obstruction (PST4)	12	12-Jul-23	25-Jul-23	296																					
Administration Building (ADB)																										
Temporary Admin Office and Control Room																										
ADB-1040	Handover of Temp. Admin Office and Control Room	15	09-Mar-23 A	28-Mar-23 A																						
Temp Admin Office - MIC Section																										
ADB-1020A40	Relocation of Admin Office (MiC)	15	09-Mar-23 A	28-Mar-23 A																						
ADB-1020A90	Completion of Admin Office (MiC)	0		28-Mar-23 A																						
ADB Demolition																										
ADB-1250	Relocation of Existing SCADA System of Admin Bldg (23) and Document Centre (24)	21	09-Mar-23 A	12-Apr-23 A																						
ADB-1050	Demolition of Admin Bldg (23) and Document Centre (24)	20	13-Apr-23 A	06-May-23	51																					
ADB-1080	Demolition of Central Control Room (14)	35	08-May-23	17-Jun-23	336																					
ADB Foundation Works																										
ADB Early Access for Predrilling																										
ADB-1390	ADB - Predrill (1no., 4days/no./rig, 1rig) (AB-PD1) (within CCR footprint)	4	12-Jul-23	15-Jul-23	318																					
ADB-1360	ADB - Predrill (3nos., 4days/no./rig, 1rig) (AB-PD3, PD8, PD11) (outside existing building footprint)	12	17-Jul-23	29-Jul-23	318																					
ADB Predrilling and Piling after Demolition																										
ADB-1230	ADB - Monitoring Installation	21	17-Jul-23	09-Aug-23	405																					
Zone 2 Construction																										
Demolition Works																										
Other Existing Pumping Stations																										
ZZT-240	Demobilization of pipe pile rig and material for RAS substructure demolition	6	08-May-23	13-May-23	-240																					
ZZT-220	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33) substructure	10	15-May-23	25-May-23	-236																					
ZZT-230	Expose/slew/protect existing power cable at Return Activated Sludge Screw Pumps PS (16) & Chamber (33)	6	15-May-23	20-May-23	-240																					
ZZT-210	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32) substructure	8	22-May-23	31-May-23	-240																					
Final Sedimentation Tanks																										
ZZT-200	Demolition of Mixed Liquor Distribution and Sludge Draw-off Chamber (37) (to be demolished during excavation)	20	22-Jul-23	14-Aug-23	-9																					
Mainstream Bio-Reactor & Auxiliary Facility (MBR and AF)																										
MBR and AF Structure																										
MBR - ELS Excavation & Demolition stage 1																										
Pipe Pile																										
Northern Side																										
UU Diversion																										
Temporary Diversion of 1800dia. Outfall Pipe																										
MBRAF-244	1800dia. outfall pipe div. - Fabrication and delivery of MS pipe and steel hanger	14	08-Mar-23 A	08-Apr-23 A																						
MBRAF-291	1800dia. outfall pipe diversion - Plant mobilization, site clearance and setup	10	18-Mar-23 A	26-Apr-23 A																						
MBRAF-240	1800dia. outfall pipe diversion	30	27-Apr-23 A	22-May-23	-272																					
Installation of 813mm casing																										
MBRAF-2410	813 Casing Installation (North)(P416-P438, 23nos.@ 1os./day/rig, 1 rig) (after 1800dia. outfall pipe diversion)	23	23-May-23	19-Jun-23	-272																					
MBRAF-2100	Closing of 813mm pipe pile (South, East and North Sides)	10	20-Jun-23	03-Jul-23	-256																					
Western Side																										
UU Diversion / Roadworks																										
MBRAF-2220	CLP 11kV (From Blower House) Diversion	13	28-Sep-22 A	13-Jun-23	-267																					
MBRAF-2920	Sheet pile and grouting (remedial measure for 900dia pipe settlement)	14	02-Mar-23 A	10-Mar-23 A																						
Installation of 813mm casing																										
MBRAF-2930	813 Casing Installation (West)(P293-P314, 22nos@1.5nos./day/rig, 1rig)	15	27-Apr-23 A	06-May-23	-240																					
MBRAF-2290	813 Casing Installation (West)(P315-P339, 25nos@1.2nos./day/rig, 1rig) after CLP11kV diversion	21	20-Jun-23	15-Jul-23	-272																					
MBRAF-2280	Closing of 813mm pipe pile (West)	5	17-Jul-23	21-Jul-23	-272																					
Kingpost and Working Platform																										
MBRAF-2510	MBR - Submit/Approve Method Statement for steel deck	24	10-Mar-23 A	06-May-23	-179																					
MBRAF-2980	MBR - Mobilization of kingpost	4	08-Apr-23 A	11-Apr-23 A																						
AGS East Side																										
MBRAF-1540	MBR - Coring of A-tank bottom slab for king post installation	25	12-Apr-23 A	15-Jun-23	-255																					
MBRAF-2270	MBR - Installation of king post by preboring (11nos., 2d/pile, 1rig) for ELS	22	18-Apr-23 A	20-May-23	-238																					
MBRAF-2470	MBR - Installation of king post by preboring (11nos., 4d/pile, 1rig) (affected by existing A-tank) for steel deck	44	02-May-23	23-Jun-23	-232																					
MBRAF-2090	MBR - Installation of king post by preboring (9nos., 4d/pile, 1rig) (affected by existing A-tank) for ELS	36	16-May-23	28-Jun-23	-255																					
MBRAF-2990	MBR - Kingpost for steel deck - loading test	14	24-Jun-23	11-Jul-23	-232																					
MBRAF-2970	MBR - Installation of king post by preboring (1no., 2d/pile, 1rig)(affected by 1800dia diversion) for ELS	2	29-Jun-23	30-Jun-23	-255																					
MBRAF-2490	MBR - Installation of steel deck (east)	18	12-Jul-23	01-Aug-23	-232																					
AGS West Side																										
MBRAF-2960	MBR - Installation of king post by preboring (3nos., 2d/pile, 1rig) for ELS	6	22-May-23	29-May-23	-238																					
MBRAF-2480	MBR - Installation of king post by preboring (11nos., 2d/pile, 1rig)(affected by existing RAS) for steel deck	22	01-Jun-23	27-Jun-23	-221																					
MBRAF-2950	MBR - Installation of king post by preboring (5nos., 2d/pile, 1rig)(affected by existing RAS) for ELS	10	01-Jun-23	12-Jun-23	-240																					
MBRAF-2500	MBR - Installation of steel deck (west)	18	28-Jun-23	19-Jul-23	-221																					



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						30				31				32				33				34
						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23
MBRAF-1440	MBR - Setup and Mobilization for ELS works	6	15-Jul-23	21-Jul-23	-272																	
MBRAF-1610	MBR - ELS Excavation & Demolition (+5.8 to +4.7mPD) (7,904m3) (3-4 excavators/WF, 3 WFs, 500m3/d/WF)	16	22-Jul-23	09-Aug-23	-150																	
Tertriary Treatment System (TTS)																						
TTS Foundation and ELS																						
Sheetpile																						
TTS-1010	TTS - Sheet Piles Install (4,255m2 @90m2/d)	36	22-Dec-22 A	22-May-23	-153																	
TTS-1860	TTS - Sheet Piles Install (1,418m2 @90m2/d) south portion after 1800dia outfall pipe diversion	16	23-May-23	10-Jun-23	-147																	
Kingpost and Working Platform																						
TTS-1890	TTS - Submit/Approve Method Statement for steel deck	24	11-Apr-23 A	15-May-23	-130																	
TTS-1530	TTS - Kingpost installation (preboring method) (5 nos., 2d/pile/rig, 1rig) for ELS (north portion)	10	23-May-23	03-Jun-23	-153																	
TTS-1980	TTS - Kingpost installation for steel deck - trial pile (1no.)	5	23-May-23	29-May-23	-148																	
TTS-1990	TTS - Kingpost installation for steel deck - loading test	14	30-May-23	14-Jun-23	-148																	
TTS-2010	TTS - Kingpost installation (preboring method) (6 nos., 2d/pile/rig, 1rig) for ELS (south portion)	12	05-Jun-23	17-Jun-23	-153																	
TTS-1870	TTS - Kingpost installation (preboring method) (assume 25nos., 2d/pile/rig, 2rigs) for steel deck	25	15-Jun-23	15-Jul-23	-148																	
TTS-1880	TTS - Installation of steel deck	24	17-Jul-23	12-Aug-23	-94																	
Monitoring and Pumping																						
TTS-2000	TTS - Monitoring and pumping installation (29nos., 1.5nos./d/rig, 1rig) north portion	21	30-May-23	23-Jun-23	-136																	
TTS-1230	TTS - Monitoring and pumping installation (29nos., 1.5nos./d/rig, 1rig) south portion	21	19-Jun-23	14-Jul-23	-153																	
TTS-1850	TTS - Pumping test	7	15-Jul-23	21-Jul-23	-193																	
TTS Foundation and ELS Stage 2																						
TTS-1020	TTS - ELS Excavation (+5.0 to +3.65mPD) (7,645m3)(3-4 excavators/WF, 2 WFs, 400m3/d/WF)	10	22-Jul-23	02-Aug-23	-153																	
Zone 3 Construction																						
Zone 3 North Portion (Z3N)																						
Demolition																						
Existing Sludge Thickening House (8, Air Floatation Thickener)																						
Z3S2-3590	ELS for Sludge Thickening House pump pit (8) - sheetpile	7	02-May-23	09-May-23	-205																	
Z3S2-3600	ELS for Sludge Thickening House pump pit (8) - ELS (7m deep, 3 layers strut)	10	10-May-23	20-May-23	-205																	
Z3S2-2030b	Demolish Existing Sludge Thickening House pump pit (8) (affect Zone P2B piling & sheetpile) by core & lift	16	22-May-23	09-Jun-23	-205																	
Z3S2-2030d	Backfill Existing Sludge Thickening House pump pit (8) (affect Zone P2B piling & sheetpile)	4	10-Jun-23	14-Jun-23	-205																	
New Sludge Thickening Building (STB)																						
STB : Predrilling Works																						
Z3S3-5130	Environment GI - Submit RAP Report to EPD	30	01-Mar-23 A	01-Apr-23 A																		
STB : Driven H-pile																						
Batch 2																						
Z3S3-3950	STB - Site Setup & Mobilization (Batch 2)	6	15-Jun-23	21-Jun-23	-205																	
Z3S3-3960	STB - Driven H-pile Zone P5 (remaining 6nos.) @40m/day, 1rig	8	23-Jun-23	03-Jul-23	-83																	
Z3S3-3970	STB - Driven H-pile Zone P2B (remaining 4nos.) @40m/day, 1rig	7	04-Jul-23	11-Jul-23	-83																	
Z3S3-5250	STB - Driven H-pile Zone P2B (3nos. additional piles (PMI204)) @40m/day, 1rig	4	12-Jul-23	15-Jul-23	-83																	
Z3S3-3740	STB - Plant Demobilization from Zone P5 and P2B	5	17-Jul-23	21-Jul-23	-138																	
Z3S3-5240	STB - Driven H-pile for tower crane (4nos., 1d/pile/rig, 1rig)	5	17-Jul-23	21-Jul-23	-101																	
Z3S3-5150	STB - Pile Load Test (Batch 2)	12	22-Jul-23	04-Aug-23	-138																	
STB : Foundation and ELS																						
STB : ELS																						
Sheetpile and Preboring																						
Z3S3-2180	STB - Sheetpile Installation (2,289m2 @90m2/d/rig, 2rigs)	46	03-Dec-22 A	23-May-23	-186																	
Z3S3-5140	STB - Sheetpile Installation by preboring (1,446m2, 90m2/d/rig, 1rig) (assumed 180holes, 1.5pile/day/rig, 2 rigs)	60	20-Feb-23 A	20-Jun-23	-101																	
Z3S3-3800	STB - Sheetpile Installation (remaining after demolition) (294m2, 90m2/d/rig, 1rig)	5	15-Jun-23	20-Jun-23	-204																	
Monitoring and Pumping																						
Z3S3-3340	STB - Monitoring and pumping installation at south (10nos., 1.5nos./d/rig, 1rig)	7	13-Jun-23	20-Jun-23	-101																	
Utility Corridor (UC5) (Connect to STB)																						
UC5 : Foundation and ELS Works																						
Z3S2-3500	UC5 - Road Diversion for sheetpile works	10	07-Mar-23 A	24-Mar-23 A																		
Z3S2-3580	UC5 - Site set-up and mobilization for sheetpile works	3	25-Mar-23 A	28-Mar-23 A																		
Z3S2-3080	UC5 - Sheetpile Installation (1,806m2 @90m2/d/rig, 1rig) assume prebore not required	24	29-Mar-23 A	31-May-23	-144																	
Z3S2-3090	UC5 - Monitoring and pumping Installation (pumping test not required)	14	15-May-23	31-May-23	-144																	
Z3S2-3100	UC5 - ELS, Excavation (+6.0 to +4.0mPD) (526m3, 200m3/d)	3	01-Jun-23	03-Jun-23	-144																	
Z3S2-3110	UC5 - ELS, Strut Installation S1 (+4.0mPD)	10	05-Jun-23	15-Jun-23	-144																	
Z3S2-3130	UC5 - ELS, Excavation (+4.0 to -0.5mPD) (1184m3, 200m3/d)	6	16-Jun-23	23-Jun-23	-144																	
Z3S2-3120	UC5 - Marine Sediments Treatment and Disposal	14	16-Jun-23	04-Jul-23	-137																	
Z3S2-3140	UC5 - ELS, Strut Installation S2 (0mPD)	10	24-Jun-23	06-Jul-23	-144																	
Z3S2-3170	UC5 - ELS, Excavation (-0.5 to -4.125mPD) (953m3, 200m3/d)	5	07-Jul-23	12-Jul-23	-144																	
Z3S2-3440	UC5 - ELS, Replace 300mm thk rockfill at founding level	5	13-Jul-23	18-Jul-23	-144																	
UC5 : Civil and Structural Works																						
Z3S2-3180	UC5 - Structure (-3.75 to -2.20mPD, Base Slab) and (-2.20 to -0.5mPD, Wall)	16	19-Jul-23	05-Aug-23	-144																	
Zone 3 South Portion (Z3S)																						



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						02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	06		
Sludge Digester No. 1-3 (SD1-3)																										
SD1-3 : Foundation and ELS																										
SD1-3 : Sheetpiling																										
Z3S3-2060	Sludge Digester No. 1-3 - Sheet Piles Install Portion 2 (4,636m2, 90m2/d/rig, 3rigs) by silent piler & vibrating hamn	54	19-Sep-22 A	30-Jun-23	-121	[Gantt bar: 19-Sep-22 to 30-Jun-23]																				
Z3S3-4810	Sludge Digester No. 1-3 - Kingpost by preboring (5nos. 325m @ 3d/pile)	15	20-Jun-23	08-Jul-23	-121	[Gantt bar: 20-Jun-23 to 08-Jul-23]																				
Z3S3-3350	Sludge Digester No. 1-3 - Monitoring and pumping installation (42nos., 1.5nos./d/rig, 2rigs)	14	28-Jun-23	14-Jul-23	-121	[Gantt bar: 28-Jun-23 to 14-Jul-23]																				
Z3S3-5100	Sludge Digester No. 1-3 - Pumping test	7	15-Jul-23	22-Jul-23	-121	[Gantt bar: 15-Jul-23 to 22-Jul-23]																				
SD1-3 : Excavation and Strut Installation																										
Z3S3-2110	Sludge Digester No. 1-3 - ELS Excavation (+5.0 to +4.3mPD, 4168m3 @ 750m3/d)	6	24-Jul-23	29-Jul-23	-121	[Gantt bar: 24-Jul-23 to 29-Jul-23]																				
Biogas Holder No. 1 (BH1)																										
BH1 : Foundation																										
Z3BH-1140	Biogas Holder No. 1 - Verification drillhole (2nos., BH-VD4, BH-VD5)	8	24-Mar-23 A	14-Apr-23 A		[Gantt bar: 24-Mar-23 to 14-Apr-23]																				
Z3BH-1260	Biogas Holder No. 1 - Additional verification dillhole (BH-VD5A) as instructed	8	15-Apr-23 A	20-Apr-23 A		[Gantt bar: 15-Apr-23 to 20-Apr-23]																				
Z3BH-1270	Biogas Holder No. 1 - PM/GEO review verification drillhole result	28	21-Apr-23 A	15-May-23	-120	[Gantt bar: 21-Apr-23 to 15-May-23]																				
Z3BH-1150	Biogas Holder No. 1 - Remove surcharge	10	16-May-23	27-May-23	-120	[Gantt bar: 16-May-23 to 27-May-23]																				
Z3BH-1180	Biogas Holder No. 1 - Sheetpile (TL-11mPD, 976m2 @ 90m2/d, 1rig)	12	29-May-23	10-Jun-23	-120	[Gantt bar: 29-May-23 to 10-Jun-23]																				
Z3BH-1190	Biogas Holder No. 1 - Excavation to +2.6mPD for base slab and founding inspection (2,000m3)	6	12-Jun-23	17-Jun-23	-120	[Gantt bar: 12-Jun-23 to 17-Jun-23]																				
Z3BH-1160	Biogas Holder No. 1 - Plate load test BH-PLT1	10	19-Jun-23	30-Jun-23	-120	[Gantt bar: 19-Jun-23 to 30-Jun-23]																				
Z3BH-1200	Biogas Holder No. 1 - Backfill 300mm thk rockfill	6	03-Jul-23	08-Jul-23	-120	[Gantt bar: 03-Jul-23 to 08-Jul-23]																				
Z3BH-1010	Biogas Holder No. 1 - 800 Thick Base Slab and retaining wall (from +2.6mPD to +6mPD)	30	10-Jul-23	12-Aug-23	-120	[Gantt bar: 10-Jul-23 to 12-Aug-23]																				
Utility Corridor and Pipe Portal (UC/PP)																										
Utility Corridor No. 1 (UC1)																										
UC1 : Predrilling Works																										
Z3S5UC1-2180	UC/PP - Predrill UC&PP-PD2	6	03-Jul-23	08-Jul-23	143	[Gantt bar: 03-Jul-23 to 08-Jul-23]																				
Z3S5UC1-2190	UC/PP - Predrill UC&PP-PD3	6	10-Jul-23	15-Jul-23	143	[Gantt bar: 10-Jul-23 to 15-Jul-23]																				
Z3S5UC1-2200	UC/PP - Predrill UC&PP-PD6	6	17-Jul-23	22-Jul-23	143	[Gantt bar: 17-Jul-23 to 22-Jul-23]																				
Utility Corridor No. 2 (UC2)																										
UC2 : Predrilling Works																										
Z3S2-2240	UC/PP - Predrill UC&PP-PD4	6	24-Jul-23	29-Jul-23	689	[Gantt bar: 24-Jul-23 to 29-Jul-23]																				



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