

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January					February				March				April				May	
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv22 draft_20230221																								
Contract Data Part 1																								
Access Dates																								
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	757	5-Mar-21 A	31-Mar-23*	0	Work Area WA2 (sd) (new site possession) val																		
Contract Section Completion																								
CSC1	Section 1- Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (R.SC1=14Nov22)	0		31-Jan-23*	-78	◆ Section 1- Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (R.SC1=14Nov22)																		
Environmental Constraints																								
NMM-2155	PS 1.105A Noise Mitigation Measures 2022-2023	151	1-Nov-22 A	31-Mar-23	0	PS 1.105A Noise Mitigation Measures 2022-2																		
EBS-2165	Egrets Breeding Season 2023	184	1-Mar-23*	31-Aug-23	0																			
Planned Completion																								
Planned Section Completion																								
PSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.)	0		20-Jan-23 A		◆ Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.)																		
Compensation Events																								
CE216	Implementation of Compensation Event (CE) No. 216 - Weather conditions affecting the site in Nov 2022	0		30-Jan-23 A		◆ Implementation of Compensation Event (CE) No. 216 - Weather conditions affecting the site in Nov 2022																		
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	23-Mar-23	-35	Subletting for ELS works for IW, PST, SDB, STB, SD, M																		
SUB-380	Subletting for Sheet piling works for remaining areas	333	12-Oct-21 A	13-Apr-23	465	Subletting for Sheet piling wo																		
SUB-280	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg	256	29-Nov-21 A	15-Mar-23	-209	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder																		
SUB-350	Subletting for Waterproofing membrane and protection board	300	29-Nov-21 A	7-Mar-23	141	Subletting for Waterproofing membrane and protection board																		
SUB-360	Subletting for Rebar fixing	86	29-Nov-21 A	2-Apr-23	-209	Subletting for Rebar fixing																		
SUB-310	Subletting for Utilities Corridor ELS	60	8-Aug-22 A	12-Mar-23	-84	Subletting for Utilities Corridor ELS																		
SUB-290	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg	60	1-Feb-23	1-Apr-23	-184	Subletting for ABWF works for IW, PST, SDB																		
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-Feb-23	-216	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-250	ELS - Obtain Approval	7	18-Feb-23	24-Feb-23	149	ELS - Obtain Approval																		
TWD-520	ELS - Submit to GEO (Dewatering Proposal)	28	25-Feb-23	24-Mar-23	149	ELS - Submit to GEO (Dewatering Proposal)																		
Sludge Thickening Building																								
One-stage design																								
TWD-200	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	26-May-22 A	22-Feb-23	-126	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-210	ELS - Obtain Approval	7	23-Feb-23	1-Mar-23	129	ELS - Obtain Approval																		
TWD-540	ELS - Submit to GEO (Dewatering Proposal)	28	23-Feb-23	22-Mar-23	-49	ELS - Submit to GEO (Dewatering Proposal)																		
Two-stages design																								
TWD-840	ELS - Prepare & Submission for PM's review	0		1-Dec-22 A		s review																		
TWD-850	ELS - Review by PM's & ICE review (28 d + 7d)	35	3-Dec-22 A	1-Feb-23 A		ELS - Review by PM's & ICE review (28 d + 7d)																		
TWD-870	ELS - Obtain Approval	0		31-Jan-23	-77	◆ ELS - Obtain Approval																		
TWD-880	ELS - Submit to GEO (Dewatering Proposal)	28	1-Feb-23	28-Feb-23	-77	ELS - Submit to GEO (Dewatering Proposal)																		
Tertiary Treatment System																								
TWD-160	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	16-Nov-22 A	21-Feb-23	-54	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																		
TWD-170	ELS - Obtain Approval	7	22-Feb-23	28-Feb-23	-30	ELS - Obtain Approval																		
TWD-550	ELS - Submit to GEO (Dewatering Proposal)	28	1-Mar-23	28-Mar-23	-30	ELS - Submit to GEO (Dewatering Proposal)																		
Sludge Digester 1-3 & Utilities Corridor																								
TWD-370	ELS - Obtain Approval	7	21-Dec-22 A	21-Feb-23	-90	ELS - Obtain Approval																		
TWD-560	ELS - Submit to GEO (Dewatering Proposal)	28	7-Feb-23	6-Mar-23	-53	ELS - Submit to GEO (Dewatering Proposal)																		
Sludge Digester 4-6																								
TWD-460	ELS - Prepare & Submission for PM's review	45	22-Feb-23	7-Apr-23	627	ELS - Prepare & Submission for PM's																		
TWD-470	ELS - Review by PM's & ICE review (28 d + 7d)	35	8-Apr-23	12-May-23	627	ELS - Review by PM's & ICE review (28 d + 7d)																		
Sludge Dewatering and Underpass																								
TWD-260	ELS - Prepare & Submission for PM's review	45	22-Feb-23	7-Apr-23	404	ELS - Prepare & Submission for PM's																		
TWD-270	ELS - Review by PM's & ICE review (28 d + 7d)	35	8-Apr-23	12-May-23	404	ELS - Review by PM's & ICE review (28 d + 7d)																		
Modification of Existing Emergency Bypass Chamber																								
TWD-660	ELS - Review by PM's & ICE review (28 d + 7d)	35	30-Dec-22 A	27-Feb-23	114	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	28-Feb-23	13-Mar-23	114	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d IC																		
TWD-680	ELS - Obtain Approval	7	14-Mar-23	20-Mar-23	114	ELS - Obtain Approval																		
TWD-690	ELS - Submit to GEO (Dewatering Proposal)	28	14-Mar-23	10-Apr-23	122	ELS - Submit to GEO (Dewatering																		
Modification of Existing Inspection Chamber & Inlet Effluent Pipes from NSWSPS																								
TWD-700	ELS - Prepare & Submission for PM's review	45	26-Oct-22 A	27-Feb-23	84	ELS - Prepare & Submission for PM's review																		
TWD-710	ELS - Review by PM's & ICE review (28 d + 7d)	35	28-Feb-23	3-Apr-23	84	ELS - Review by PM's & ICE review (28 d																		
TWD-720	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	4-Apr-23	17-Apr-23	84	ELS - Resubmission for																		
TWD-730	ELS - Obtain Approval	7	18-Apr-23	24-Apr-23	84	ELS - Obtain Ap																		
TWD-740	ELS - Submit to GEO (Dewatering Proposal)	28	18-Apr-23	15-May-23	87																			



- 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. 27 - 3MRP (Jan 2023)

Project ID : DWPr22_230221_r1
 Layout : DC201910 MPR27-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
31-Jan-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January 27					February 28				March 29				April 30				May 31	
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07
Temporary pipework between PST Stage 1 and A-Tank Inlet [Delink proposal]																								
TWD-750	Hydraulic design - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	1-Feb-23	6-Jun-23	-55	[Gantt bar from Feb 1 to Jun 6]																		
Temporary pumping and pipeworks between existing Detroit and PST Stage 1 [Delink proposal]																								
TWD-780	Hydraulic design - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	1-Feb-23	6-Jun-23	-145	[Gantt bar from Feb 1 to Jun 6]																		
Temporary Traffic Arrangement at Wang Lok Street																								
TWD-810	TTA - Engaga TTA Consultant	60	20-Dec-22 A	31-Mar-23	-45	[Gantt bar from Dec 20 to Mar 31]																		
TWD-820	TTA - Prepare/submit/review/approve TTA design and drawings to PM and TMLG	120	1-Apr-23	29-Jul-23	-45	[Gantt bar from Apr 1 to Jul 29]																		
Temporary Working Platform at ELS																								
Temporary Working Platform at AGS ELS																								
TWD-890	Temp. Working Platform - AGS ELS - Prepare & Submission for PM's review	45	9-Dec-22 A	28-Feb-23	-264	[Gantt bar from Dec 9 to Feb 28]																		
TWD-900	Temp. Working Platform - AGS ELS - Review by PM's & ICE review (28 d + 7d)	35	1-Mar-23	4-Apr-23	-264	[Gantt bar from Mar 1 to Apr 4]																		
TWD-910	Temp. Working Platform - AGS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	5-Apr-23	18-Apr-23	-264	[Gantt bar from Apr 5 to Apr 18]																		
TWD-920	Temp. Working Platform - AGS ELS - Obtain Approval	7	19-Apr-23	25-Apr-23	-264	[Gantt bar from Apr 19 to Apr 25]																		
Temporary Working Platform at TTS ELS																								
TWD-930	Temp. Working Platform - TTSS ELS - Prepare & Submission for PM's review	45	20-Jan-23 A	13-Feb-23	-13	[Gantt bar from Jan 20 to Feb 13]																		
TWD-940	Temp. Working Platform - TTS ELS - Review by PM's & ICE review (28 d + 7d)	35	14-Feb-23	20-Mar-23	-13	[Gantt bar from Feb 14 to Mar 20]																		
TWD-950	Temp. Working Platform - TTS ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	21-Mar-23	3-Apr-23	-13	[Gantt bar from Mar 21 to Apr 3]																		
TWD-960	Temp. Working Platform - TTS ELS - Obtain Approval	7	4-Apr-23	10-Apr-23	-13	[Gantt bar from Apr 4 to Apr 10]																		
Contractor's Permanent Works Design (include ATAL)																								
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	17-Feb-23	400	[Gantt bar from Dec 20 to Feb 17]																		
AIP-530	E&M AIP Report for Plant Service Water - Obtain Approval	7	18-Feb-23	24-Feb-23	400	[Gantt bar from Feb 18 to Feb 24]																		
Package 6A - Control & Monitoring System																								
AIP-200	Control & Monitoring System - Resubmission for further review	14	24-Jan-22 A	28-Feb-23	479	[Gantt bar from Jan 24 to Feb 28]																		
AIP-620	Control & Monitoring System - Obtain Approval	7	1-Mar-23	7-Mar-23	479	[Gantt bar from Mar 1 to Mar 7]																		
Package 7A - Building Services System																								
AIP-250	BS System - Obtain Approval	7	7-Dec-22 A	21-Dec-22 A		[Gantt bar from Dec 7 to Dec 21]																		
Package 22A - Sampling System of YLEPP																								
AIP-930	Sampling System - Resubmission for further review	45	24-Dec-22 A	23-Feb-23	-195	[Gantt bar from Dec 24 to Feb 23]																		
AIP-940	Sampling System - Obtain Approval	7	24-Feb-23	2-Mar-23	-195	[Gantt bar from Feb 24 to Mar 2]																		
Package 23A - Security, Public Address and Communication System																								
AIP-950	SPC - Prepare & Submission for PM's review	45	1-Jun-22 A	17-Feb-23	8	[Gantt bar from Jun 1 to Feb 17]																		
AIP-960	SPC - Review by PM's & ICE review (28 d + 7d)	45	18-Feb-23	3-Apr-23	8	[Gantt bar from Feb 18 to Apr 3]																		
AIP-970	SPC - Resubmission for further review	45	4-Apr-23	18-May-23	8	[Gantt bar from Apr 4 to May 18]																		
DDA																								
Package 1A - Hydraulic Detailed Design Approval (DDA) Report																								
DDA-1490	Hydraulic Detailed Design Approval - Obtain Approval	7	29-Dec-22 A	1-Feb-23	185	[Gantt bar from Dec 29 to Feb 1]																		
Package 1B - General Notes and Typical Details Drawings for Civil, Structural and Geotechnical																								
DDA-130	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Obtain Approval	7	12-Dec-22 A	13-Jan-23 A		[Gantt bar from Dec 12 to Jan 13]																		
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	1-Mar-23	204	[Gantt bar from Jun 13 to Mar 1]																		
DDA-150	Foundation for TTS - Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d), GEO (28d)	213	8-Oct-21 A	29-May-23	55	[Gantt bar from Oct 8 to May 29]																		
DDA-180	Civil Req. for TTS (Superstruct. design) - Prepare (147d), Sub. & Review(45d), Comment & Resub.(14d) & Approv	213	11-Oct-21 A	11-Mar-23	424	[Gantt bar from Oct 11 to Mar 11]																		
DDA-190	P&ID for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	424	[Gantt bar from Dec 31 to Nov 24]																		
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	457	[Gantt bar from Dec 31 to Nov 24]																		
DDA-210	Electrical& Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Nov-23	457	[Gantt bar from Dec 31 to Nov 24]																		
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	1-Feb-23	6-Jun-23	50	[Gantt bar from Feb 1 to Jun 6]																		
DDA-160	Civil & Structural for TTS - Prepare (120d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	177	2-Feb-23	28-Jul-23	55	[Gantt bar from Feb 2 to Jul 28]																		
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	330	25-Feb-23*	20-Jan-24	400	[Gantt bar from Feb 25 to Jan 20]																		
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	9-Jun-21 A	3-Mar-23	-12	[Gantt bar from Jun 9 to Mar 3]																		
DDA-280	P&ID for MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	8-Oct-21 A	18-Sep-23	156	[Gantt bar from Oct 8 to Sep 18]																		
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	8-Oct-21 A	18-Sep-23	156	[Gantt bar from Oct 8 to Sep 18]																		
DDA-300	Electrical& Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	405	8-Oct-21 A	18-Sep-23	156	[Gantt bar from Oct 8 to Sep 18]																		
DDA-270	Civil Req. for MBS-AGS (Superstruct. design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Ap	126	1-Mar-22 A	20-Mar-23	-12	[Gantt bar from Mar 1 to Mar 20]																		
DDA-240	Foundation for MBS - Prepare (97d), Sub. & Review(45d), Comment & Resub.(14d),GEO (28d)& Approval (7d)	230	18-Mar-22 A	29-Jul-23	-3	[Gantt bar from Mar 18 to Jul 29]																		
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	170	20-Jan-23 A	7-Aug-23	-12	[Gantt bar from Jan 20 to Aug 7]																		
DDA-310	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	199	4-Mar-23*	18-Sep-23	156	[Gantt bar from Mar 4 to Sep 18]																		
DDA-1530	VCAB for AGS&TTS - Prepare (30d), Sub. & Review(30d)	234	4-Mar-23	23-Oct-23	93	[Gantt bar from Mar 4 to Oct 23]																		
Package 5A - Master Water Meter Room																								
DDA-360	Foundation for Master WM Room- Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d),GEO(28d) & Ap	154	15-Feb-22 A	6-Apr-23	40	[Gantt bar from Feb 15 to Apr 6]																		
DDA-370	Civil & Struct. for WM Room- Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	156	15-Apr-22 A	23-Jun-23	52	[Gantt bar from Apr 15 to Jun 23]																		
DDA-390	P&ID for MWMC - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	1-Feb-23*	6-Jun-23	9	[Gantt bar from Feb 1 to Jun 6]																		



- 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. 27 - 3MRP (Jan 2023)

Project ID : DWPr22_230221_r1
 Layout : DC201910 MPR27-3MRP
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
31-Jan-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January					February				March				April				May	
						27					28				29				30				31	
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07
DDA-1410	PID for DOU System - Prepare(28d),Sub& Review(28d),Comment&Resub(14d)&Approval (7d)	78	3-Sep-21 A	8-Mar-23	459	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	4-Mar-22 A	29-May-23	342	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	15-Jul-23	601	Mechanical for DOU No. 3 - Prepare(28d),Sub& Review(28d),Comment&Resub(14d)&Approval (7d)																		
Package 22 - Sampling System of YLEPP																								
DDA-740	Sampling System for IW&PST - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	90	3-Mar-23	31-May-23	-195	Sampling System for IW&PST - 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)	128	23-Mar-23	28-Jul-23	8	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	126	19-Mar-23	22-Jul-23	247	Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval																		
Design out of ATAL's Scope																								
DDA-1540	Drainage systems at base slab / foundation levels - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval	126	1-Feb-23	6-Jun-23	155	Drainage systems at base slab / foundation levels - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval																		
DDA-1560	Street fire hydrant system - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	1-Feb-23	6-Jun-23	155	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	1-Feb-23	6-Jun-23	81	Motor-driven Entrance Gate - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																		
Technical Submission																								
Sludge Digesters (SD)																								
TS-750	(CSD) Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval	126	25-Sep-21 A	26-Jun-23	59	(CSD) Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval																		
TS-740	(CSD) Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d)& Approval	126	30-Sep-21 A	25-Apr-23	59	(CSD) Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d)& Approval																		
Environmental Submission (PS 34.12(4)(xx))																								
SUBM-1150	Employment of specialists or consultants	60	8-Mar-23	6-May-23	1517	Employment of specialists or consultants																		
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	7-Mar-23	200	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	7-Mar-23	200	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	1-Feb-23	31-May-23	40	Submit/review/approval Factory Acceptance Test Plans - Inlet pumps																		
SUBM-1100	Submit/review/approval Factory Acceptance Test Plans - Thickening centrifuges	120	1-Feb-23	31-May-23	265	Submit/review/approval Factory Acceptance Test Plans - Thickening centrifuges																		
SUBM-1110	Submit/review/approval Factory Acceptance Test Plans - Disc filter system	120	1-Feb-23	31-May-23	248	Submit/review/approval Factory Acceptance Test Plans - Disc filter system																		
SUBM-1120	Submit/review/approval Factory Acceptance Test Plans - 11kV switchboards	120	1-Feb-23	31-May-23	-144	Submit/review/approval Factory Acceptance Test Plans - 11kV switchboards																		
SUBM-1130	Submit/review/approval Factory Acceptance Test Plans - SCADA system	120	1-Feb-23	31-May-23	94	Submit/review/approval Factory Acceptance Test Plans - SCADA system																		
SUBM-1140	Employment of third-party independent surveyor for Factory Acceptance Tests	60	1-Feb-23	1-Apr-23	-144	Employment of third-party independent surveyor for Factory Acceptance Tests																		
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	5-Jan-23 A	28-Mar-23	-169	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft																		
SUBM-1200	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - revised draft	60	29-Mar-23	27-May-23	12	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - revised draft																		
AGS and TTS system																								
SUBM-1220	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	29-Mar-23	27-May-23	270	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft																		
Sludge Thickening System																								
SUBM-1250	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	29-Mar-23	27-May-23	838	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft																		
Sludge Digestion System																								
SUBM-1310	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	29-Mar-23	27-May-23	119	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft																		
Biogas H2S Removal System																								
SUBM-1280	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft	60	29-Mar-23	27-May-23	119	Submit/review/approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft																		
Commissioning Plan and Procedures (PS34.20(10))																								
SUBM-1080	Employment of HOKLAS laboratory for commissioning test	60	23-May-22 A	1-Apr-23	-22	Employment of HOKLAS laboratory for commissioning test																		
SUBM-1000	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of IW	120	2-Apr-23	30-Jul-23	175	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of IW																		
SUBM-1010	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of PST	120	2-Apr-23	30-Jul-23	-22	Submit/review/approval Commissioning Plan and Procedures - Early commissioning of PST																		
SUBM-1020	Submit/review/approval Commissioning Plan and Procedures - AGS	120	2-Apr-23	30-Jul-23	206	Submit/review/approval Commissioning Plan and Procedures - AGS																		
SUBM-1030	Submit/review/approval Commissioning Plan and Procedures - TTS	120	2-Apr-23	30-Jul-23	786	Submit/review/approval Commissioning Plan and Procedures - TTS																		
SUBM-1040	Submit/review/approval Commissioning Plan and Procedures - STB	120	2-Apr-23	30-Jul-23	834	Submit/review/approval Commissioning Plan and Procedures - STB																		
SUBM-1050	Submit/review/approval Commissioning Plan and Procedures - SDT	120	2-Apr-23	30-Jul-23	436	Submit/review/approval Commissioning Plan and Procedures - SDT																		
SUBM-1060	Submit/review/approval Commissioning Plan and Procedures - Biogas system	120	2-Apr-23	30-Jul-23	768	Submit/review/approval Commissioning Plan and Procedures - Biogas system																		
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	24-Aug-23	-27	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Screening system (fixed bar,coarse,fine)																		
PRE-700	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Inlet pumps (HF,LF,Drainage)	330	5-Jan-22 A	24-Aug-23	40	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Inlet pumps (HF,LF,Drainage)																		
PRE-290	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Grit Trap and classifier	270	18-Feb-22 A	14-Oct-23	-66	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Grit Trap and classifier																		
PRE-280	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Conveyer and compactor	270	12-Apr-22 A	24-Aug-23	74	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Conveyer and compactor																		
PRE-330	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - DOU-01	330	26-May-22 A	27-Dec-23	-92	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - DOU-01																		
PRE-300	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - LALG	270	28-Jul-22 A	24-Aug-23	-44	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - LALG																		
PRE-310	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Penstocks and stoplogs	270	13-Sep-22 A	23-Sep-23	-72	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - Penstocks and stoplogs																		
PRE-320	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - MVAC-Ventilation Fan	211	10-Jan-23 A	24-Aug-23	71	Submit/Procure/Manufacture/Deliver New Inlet Works Equip. - MVAC-Ventilation Fan																		
Primary Sedimentation Tanks																								
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Inclined plate settler	225	8-Dec-21 A	7-Jun-23	-152	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Inclined plate settler																		
PRE-380	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - LALG	180	25-Jul-22 A	24-May-23	-188	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - LALG																		
PRE-390	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Penstocks and stoplogs	270	13-Aug-22 A	23-May-23	-162	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Penstocks and stoplogs																		



- 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. 27 - 3MRP (Jan 2023)

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Date	Revision	Checked	Approved
31-Jan-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January 27					February 28				March 29				April 30				May 31		
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07	
						Gantt Chart Area																			
PRE-340	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Bottom scraper	255	8-Sep-22 A	23-Aug-23	-66	[Gantt bar: 8-Sep-22 to 23-Aug-23]																			
PRE-350	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - IPS air scouring blower	255	27-Sep-22 A	24-Jul-23	-67	[Gantt bar: 27-Sep-22 to 24-Jul-23]																			
PRE-360	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Scum pump and skimmer	255	29-Sep-22 A	23-Aug-23	105	[Gantt bar: 29-Sep-22 to 23-Aug-23]																			
PRE-370	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Primary sludge pump and grinder	255	29-Sep-22 A	23-Aug-23	40	[Gantt bar: 29-Sep-22 to 23-Aug-23]																			
PRE-340a	Submit/Appoint manufacturer's representative for sludge bottom scraper (PS Cl. 35.26(7))	194	12-Oct-22 A	13-Jul-23	-25	[Gantt bar: 12-Oct-22 to 13-Jul-23]																			
PRE-400	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip. - Pipeworks and valves	194	15-Oct-22 A	17-May-23	-113	[Gantt bar: 15-Oct-22 to 17-May-23]																			
Biogas Holder																									
PRE-270	Submit/Procure/Manufacture/Deliver Biogas Holding Tanks (membrane, steel tank and parts, instrumentation)	660	9-Jun-21 A	1-Jun-23	644	[Gantt bar: 9-Jun-21 to 1-Jun-23]																			
PRE-410	Submit/Procure/Manufacture/Deliver Waster Gas Burner	300	19-Aug-21 A	21-Sep-23	644	[Gantt bar: 19-Aug-21 to 21-Sep-23]																			
PRE-420	Submit/Procure/Manufacture/Deliver H2S Removal System	510	25-Feb-22 A	30-Apr-25	105	[Gantt bar: 25-Feb-22 to 30-Apr-25]																			
PRE-430	Submit/Procure/Manufacture/Deliver Biogas booster and transfer pumps	366	21-Mar-23*	20-Mar-24	532	[Gantt bar: 21-Mar-23 to 20-Mar-24]																			
Sludge Digester Tank																									
PRE-450	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Sludge Digester System	330	31-Aug-22 A	21-Feb-24	-34	[Gantt bar: 31-Aug-22 to 21-Feb-24]																			
PRE-460	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - Draft tube mixer	396	26-Dec-22 A	21-Feb-24	2	[Gantt bar: 26-Dec-22 to 21-Feb-24]																			
PRE-470	Submit/Procure/Manufacture/Deliver Sludge Digester Tank - MVAC-Jet fan	299	29-Apr-23*	21-Feb-24	-34	[Gantt bar: 29-Apr-23 to 21-Feb-24]																			
Sludge Thickening Building																									
PRE-250	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Thickening Centrifuges	360	12-Nov-21 A	24-Apr-24	265	[Gantt bar: 12-Nov-21 to 24-Apr-24]																			
PRE-500	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Pump and jet mixer	300	7-Jan-22 A	24-Apr-24	265	[Gantt bar: 7-Jan-22 to 24-Apr-24]																			
PRE-490	Submit/Procure/Manufacture/Deliver Sludge Thickening System - DOU-03	409	13-Mar-23	24-Apr-24	261	[Gantt bar: 13-Mar-23 to 24-Apr-24]																			
PRE-510	Submit/Procure/Manufacture/Deliver Sludge Thickening System - LALG	409	13-Mar-23*	24-Apr-24	261	[Gantt bar: 13-Mar-23 to 24-Apr-24]																			
PRE-480	Submit/Procure/Manufacture/Deliver Sludge Thickening System - Polymer preparation system	362	29-Apr-23*	24-Apr-24	231	[Gantt bar: 29-Apr-23 to 24-Apr-24]																			
Mainstream Bio-Reactor																									
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - AGS system	480	9-Sep-22 A	17-Jun-24	-117	[Gantt bar: 9-Sep-22 to 17-Jun-24]																			
PRE-530	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Penstocks and stoplogs	345	31-Oct-22 A	24-Aug-24	-32	[Gantt bar: 31-Oct-22 to 24-Aug-24]																			
PRE-550	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Sludge pre-thickening system	510	31-Oct-22 A	17-Jun-24	148	[Gantt bar: 31-Oct-22 to 17-Jun-24]																			
PRE-540	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Chemical storage and dosing system	270	18-Nov-22 A	17-Jun-24	-117	[Gantt bar: 18-Nov-22 to 17-Jun-24]																			
PRE-570	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - Instrumentation	445	31-Mar-23*	17-Jun-24	106	[Gantt bar: 31-Mar-23 to 17-Jun-24]																			
PRE-560	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip. - LALG	430	15-Apr-23*	17-Jun-24	-117	[Gantt bar: 15-Apr-23 to 17-Jun-24]																			
Tertiary Treatment System																									
PRE-610	Submit/Procure/Manufacture/Deliver TTS Equip. - Pumping system	495	19-Jul-22 A	20-Jun-24	248	[Gantt bar: 19-Jul-22 to 20-Jun-24]																			
PRE-600	Submit/Procure/Manufacture/Deliver TTS Equip. - UV disinfection system	510	8-Sep-22 A	20-Jun-24	248	[Gantt bar: 8-Sep-22 to 20-Jun-24]																			
PRE-240	Submit/Procure/Manufacture/Deliver TTS Equip. - Disc Filter	600	27-Sep-22 A	20-Jun-24	248	[Gantt bar: 27-Sep-22 to 20-Jun-24]																			
PRE-590	Submit/Procure/Manufacture/Deliver TTS Equip. - Chemical cleaning system	480	18-Nov-22 A	20-Jun-24	248	[Gantt bar: 18-Nov-22 to 20-Jun-24]																			
PRE-630	Submit/Procure/Manufacture/Deliver TTS Equip. - Penstocks and stoplogs	435	30-Nov-22 A	20-Jun-24	248	[Gantt bar: 30-Nov-22 to 20-Jun-24]																			
PRE-690	Submit/Procure/Manufacture/Deliver TTS Equip. - DOU-02	391	1-Apr-23*	25-Apr-24	304	[Gantt bar: 1-Apr-23 to 25-Apr-24]																			
Electrical and Control System																									
PRE-680	Submit/Procure/Manufacture/Deliver Electrical and Control System - SCADA and instrumentation	420	30-Apr-22 A	11-Oct-23	94	[Gantt bar: 30-Apr-22 to 11-Oct-23]																			
PRE-640	Submit/Procure/Manufacture/Deliver Electrical and Control System - HVSB and Tx	283	21-Dec-22 A	5-Jan-24	-144	[Gantt bar: 21-Dec-22 to 5-Jan-24]																			
PRE-650	Submit/Procure/Manufacture/Deliver Electrical and Control System - LVSB	300	21-Dec-22 A	3-Jan-24	-138	[Gantt bar: 21-Dec-22 to 3-Jan-24]																			
PRE-660	Submit/Procure/Manufacture/Deliver Electrical and Control System - UPS	300	21-Dec-22 A	5-Jan-24	-115	[Gantt bar: 21-Dec-22 to 5-Jan-24]																			
PRE-670	Submit/Procure/Manufacture/Deliver Electrical and Control System - Armoured Cable	203	21-Dec-22 A	22-Jul-23	-152	[Gantt bar: 21-Dec-22 to 22-Jul-23]																			
PM and Contractor Accomodation																									
Project Manager's & Contractor Site Accommodation																									
MIC Section																									
PMCA-190	Installation of Green Roof	16	9-Nov-21 A	17-Feb-23	1114	[Gantt bar: 9-Nov-21 to 17-Feb-23] Installation of Green Roof																			
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 - RTC & 2nd submission	120	1-Feb-23	31-May-23	-85	[Gantt bar: 1-Feb-23 to 31-May-23]																			
WSD Submission & Approval																									
WSD-1000	WSD - Submit Form WWO542	0		14-Mar-23	9	[Gantt bar: 14-Mar-23] ◆ WSD - Submit Form WWO542																			
WSD-1010	WSD - Form WWO542 PM&WSD review and approval	90	15-Mar-23	12-Jun-23	9	[Gantt bar: 15-Mar-23 to 12-Jun-23]																			
EMSD Submission & Approval																									
Biogas System (ATAL)																									
Phase 1																									
ATAL-FS-0020	Form 105 for Biogas Holder Tank 1(Submission and Approval Period)	184	8-Nov-22 A	1-Dec-23	679	[Gantt bar: 8-Nov-22 to 1-Dec-23]																			
HAZOP Study																									
IW and PST																									
HAZOP-Z1-010	HAZOP - Review Design / Installation HAZOP for IW PPST by independent consultant	30	15-Oct-22 A	2-Mar-23	-170	[Gantt bar: 15-Oct-22 to 2-Mar-23] HAZOP - Review Design / Installation HAZOP for IW PPST by independent consultant																			
HAZOP-Z1-020	HAZOP - Re-submission of Design / Installation methodology	20	3-Mar-23	22-Mar-23	-170	[Gantt bar: 3-Mar-23 to 22-Mar-23] HAZOP - Re-submission of Design / Installation methodology																			
HAZOP-Z1-030	HAZOP - Obtain Approval	7	23-Mar-23	29-Mar-23	-170	[Gantt bar: 23-Mar-23 to 29-Mar-23] HAZOP - Obtain Approval																			
AGS System																									
HAZOP-Z2-010	HAZOP - Review Design / Installation HAZOP for AGS by independent consultant	30	3-Mar-23	1-Apr-23	235	[Gantt bar: 3-Mar-23 to 1-Apr-23] HAZOP - Review Design / Installation HAZOP																			
HAZOP-Z2-020	HAZOP - Re-submission of Design / Installation methodology	20	2-Apr-23	21-Apr-23	299	[Gantt bar: 2-Apr-23 to 21-Apr-23] HAZOP - Re-submission																			



- 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
31-Jan-23	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January 27					February 28				March 29				April 30				May 31		
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07	
HAZOP-Z2-030	HAZOP - Obtain Approval	7	22-Apr-23	28-Apr-23	299																				
TTS System																									
HAZOP-Z2-30	HAZOP - Review Design / Installation HAZOP for TTS by independent consultant	30	3-Mar-23	1-Apr-23	667																				
HAZOP-Z2-40	HAZOP - Re-submission of Design / Installation methodology	20	2-Apr-23	21-Apr-23	667																				
HAZOP-Z2-50	HAZOP - Obtain Approval	7	22-Apr-23	28-Apr-23	667																				
Biogas H2S Removal System																									
HAZOP-Z3-010	HAZOP - Review Design / Installation HAZOP for Biogas H2S Removal System by independent consultant	30	3-Mar-23	1-Apr-23	564																				
HAZOP-Z3-020	HAZOP - Re-submission of Design / Installation methodology	20	2-Apr-23	21-Apr-23	564																				
HAZOP-Z3-030	HAZOP - Obtain Approval	7	22-Apr-23	28-Apr-23	564																				
Sludge Thickening and Chemical System																									
HAZOP-Z3-30	HAZOP - Review Design / Installation HAZOP for STB by independent consultant	30	3-Mar-23	1-Apr-23	235																				
HAZOP-Z3-40	HAZOP - Re-submission of Design / Installation methodology	20	2-Apr-23	21-Apr-23	593																				
HAZOP-Z3-50	HAZOP - Obtain Approval	7	22-Apr-23	28-Apr-23	593																				
Sludge Digestion System																									
HAZOP-Z3-60	HAZOP - Review Design / Installation HAZOP for SDT by independent consultant	30	2-Apr-23	1-May-23	235																				
DOU and PSW System																									
HAZOP-Z3-90	HAZOP - Review Design / Installation HAZOP for DOU and PSW by independent consultant	30	2-Apr-23	1-May-23	342																				
General Advance Works																									
NSWSPS Sensors																									
ATALGA-1130	CMS - NSWSPS Sensor	51	11-Oct-22 A	28-Feb-23	99																				
ATALGA-1160	CGS - Method Statement for Installation	101	11-Oct-22 A	28-Mar-23	198																				
ATALGA-1170	Procurement & Delivery of Sensor	101	1-Mar-23	9-Jun-23	125																				
Disc Filter (DF) Pilot Plant																									
ATALGA-1190	T&C	22	22-Sep-22 A	21-Feb-23	293																				
Dissolved Air Flotation (DAF) Pilot Plant																									
ATALGA-1200	T&C	11	21-Jul-22 A	23-Feb-23	139																				
ATALGA-1220	Post-commissioning	152	24-Feb-23	29-Aug-23	139																				
Aerobic Granular Sludge (AGS) Pilot Plant																									
ATALGA-1210	Seeding, process start-up and T&C	52	16-Jun-22 A	23-Feb-23	139																				
ATALGA-1270	Post-commissioning	152	24-Feb-23	29-Aug-23	139																				
Zone 1 Construction																									
Inlet Works (IW)																									
IW Foundation & ELS Works																									
IW Basement																									
Z1-IW-6380	Stage 2 pumping test	12	19-Jan-23 A	15-Feb-23	-129																				
IW Excavation Works & ELS																									
IW Zone A/D- ELS																									
Z1-IW-5780	IW- Excavation: 2nd Layer +3.5 ~ 1.0mPD (4,160m3) (3-4 excavators @ 500m3/d)	5	3-Jan-23 A	18-Jan-23 A																					
Z1-IW-5790	IW- Strutting: 2nd Layer @+1.5mPD waling for Zone C preload (10 welders @ 23ton/d)	15	19-Jan-23 A	18-Feb-23	-168																				
Z1-IW-6390	IW- Strutting: 2nd Layer @+1.5mPD remaining strut and preload (10 welders @ 23ton/d)	6	20-Feb-23	25-Feb-23	-156																				
Z1-IW-5800	IW- Excavation: 3rd Layer +1.0 ~ -1.625mPD (4,776m3) (3-4 excavators @ 500m3/d)	8	27-Feb-23	7-Mar-23	-156																				
Z1-IW-5810	IW- Strutting: 3rd Layer @-1.125mPD with preload (10 welders @ 23ton/d)	10	8-Mar-23	18-Mar-23	-156																				
Z1-IW-5820	IW- Excavation: 4th Layer -1.625 ~ -3.38mPD (3,105m3) (3-4 excavators @ 500m3/d)	7	3-Apr-23	14-Apr-23	-168																				
IW Zone C - ELS																									
Z1-IW-5685	IW- Concrete Backing & Preload (2nd Layer)	5	15-Feb-23	20-Feb-23	-168																				
Z1-IW-5690	IW- Excavation: 3rd Layer +1.0~-1.625mPD (5,704m3) (3-4 excavators @ 500m3/d)	10	21-Feb-23	3-Mar-23	-168																				
Z1-IW-5700	IW- Backprop installation with preload (10 welders @ 23ton/d)	7	25-Mar-23	1-Apr-23	-168																				
Z1-IW-5710	IW- Excavation to Formation -1.625~-3.125mPD (587m3) (2 excavators @ 120m3/d)	5	3-Apr-23	12-Apr-23	-166																				
IW Base Slab																									
Z1-IW-6070	IW- Zone C - Pile Cap @-1.625mpD (incl. earth mat installation)	18	4-Mar-23	24-Mar-23	-168																				
Z1-IW-6080	IW- Zone C - Pile Cap @-3.05mpD	18	13-Apr-23	4-May-23	-166																				
Z1-IW-6060	IW- Zone D - Pile Cap @-3.225mPD	18	15-Apr-23	6-May-23	-168																				
Primary Sedimentation Tank (PST)																									
PST Stage 1																									
Basement RC Works (Stage 1 - Southern Portion)																									
Northern Trench (Zone E1)																									
Z1-PST-4260	PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)	11	24-Dec-22 A	19-Jan-23 A																					
Basement RC Works (North Portion)																									
Z1-PST-4190	PST(S1) - Zone E2 - Base Slab & Wall Erection of Formworks and RC Works (+3.00 mPD)	20	24-Dec-22 A	19-Jan-23 A																					
Z1-PST-4592	PST(S1) - Zone E3 - Base Slab & Wall Erection of Formworks and RC Works (+1.45 to +5.65mPD)	24	27-Jan-23 A	4-Mar-23	-175																				
PST Stage 2 of Works																									
PST Foundation - Stage 2 (At Remaining 2 Tanks, PST 5-6 Footprint)																									
Z1-PST-4230	PST Stage 2 - Submit to GEO (28d)	28	5-Nov-22 A	28-Feb-23	-8																				



- 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. 27 - 3MRP (Jan 2023)

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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January					February				March				April				May
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30
PST Superstructure																							
Stage 1																							
RC Works																							
PST Stage 1 - GL A-E																							
Z1-PST-3700	PST - RC Works for Wall (GL A-E, +2.95/+5.65 to +8.95mPD)	9	6-Mar-23	15-Mar-23	-175																		
Z1-PST-3670	PST - RC Works for Intermediate Slab (GL A-E, +8.95mPD)	11	16-Mar-23	28-Mar-23	-175																		
Z1-PST-3680	PST - RC Works for wall and 1/F slab (GL A-E, +8.95 to +11.75mPD)	15	29-Mar-23	19-Apr-23	-175																		
Z1-PST-3750	PST - RC Works for wall/column (GL A-E, +11.75 to +18.15mPD)	8	20-Apr-23	28-Apr-23	-149																		
Z1-PST-3760	PST - RC Works for roof slab (GL A-E, +11.75 to +18.15mPD)	15	29-Apr-23	17-May-23	-149																		
PST Stage 1 - GL E-H																							
Z1-PST-3660	PST - RC Works for Wall (GL E-H, +2.95 to +8.95mPD)	8	13-Dec-22 A	17-Feb-23	-152																		
Z1-PST-4622	PST - RC Works for Intermediate Slab (GL E-H, +8.95mPD)	10	18-Feb-23	1-Mar-23	-152																		
Z1-PST-3710	PST - RC Works for wall and 1/F slab (GL E-H, +8.95 to +11.75mPD)	15	2-Mar-23	18-Mar-23	-152																		
Z1-PST-4612	PST - RC Works for wall/column (GL E-H, +11.75 to +18.15mPD)	8	20-Mar-23	28-Mar-23	-126																		
Z1-PST-4602	PST - RC Works for roof slab (GL E-H, +11.75 to +18.15mPD)	15	29-Mar-23	19-Apr-23	-126																		
PST Stage 1 - GL H-I																							
Z1-PST-4632	PST - RC Works for Wall (GL H-I, +2.95 to +7.835mPD)	8	18-Feb-23	27-Feb-23	-134																		
Z1-PST-4642	PST - RC Works for Intermediate Slab (GL H-I, +7.835mPD)	10	28-Feb-23	10-Mar-23	-134																		
Z1-PST-4652	PST - RC Works for wall and 1/F slab (GL H-I, +7.835 to +11.75mPD)	15	11-Mar-23	28-Mar-23	-134																		
Z1-PST-4662	PST - RC Works for wall/column (GL H-I, +11.75 to +18.15mPD)	8	29-Mar-23	11-Apr-23	-134																		
Z1-PST-4672	PST - RC Works for roof slab (GL H-I, +11.75 to +18.15mPD)	15	12-Apr-23	28-Apr-23	-134																		
Water Tightness Test for PST																							
Z1-PST-3770	PST - Water Tightness Test 1 (PST channel 1&3)	18	20-Apr-23	7-May-23	-220																		
PST Stage 1 - Early T&C (Delink PST Stage 1 Commissioning from IW)																							
Z2D-2160	Complete Demolition of PST4	0		31-Jan-23	57																		
CLP Substations No. 1 & 2																							
Civil Provision for CLP (drawpits & ductings)																							
CLP-1270	Ducting and Drawpits construction	30	13-Dec-22 A	17-Mar-23	79																		
CLP Substation No. 1																							
CLP-1040	CLP Substation No.1 - ABWF Works (for Section 1 completion)	27	20-Dec-22 A	20-Jan-23 A																			
CLP-1340	CLP Substation No.1 - E&M Installation and T&C - Electrical services	19	30-Jan-23 A	15-Mar-23	81																		
CLP-1460	CLP Substation No.1 - E&M Installation and T&C - MVAC	10	30-Jan-23 A	2-Mar-23	109																		
CLP-1470	CLP Substation No.1 - E&M Installation and T&C - FS	11	30-Jan-23 A	2-Mar-23	109																		
CLP-1560	CLP Substation No.1 - ABWF Works (not required for Section 1 completion)	38	1-Feb-23	16-Mar-23	172																		
CLP-1440	CLP Substation No.1 - Waterproofing and Testing	13	11-Feb-23*	25-Feb-23	86																		
CLP-1490	CLP Substation No.1 - E&M Installation and T&C - Crane beam	6	9-Mar-23	15-Mar-23	81																		
CLP Substation No. 2																							
CLP-1050	CLP Substation No.2 - ABWF Works (for Section 1 completion)	27	20-Dec-22 A	20-Jan-23 A																			
CLP-1350	CLP Substation No.2 - E&M Installation and T&C - Electrical services	19	30-Jan-23 A	15-Mar-23	81																		
CLP-1520	CLP Substation No.2 - E&M Installation and T&C - MVAC	10	30-Jan-23 A	2-Mar-23	109																		
CLP-1530	CLP Substation No.2 - E&M Installation and T&C - FS	11	30-Jan-23 A	2-Mar-23	109																		
CLP-1550	CLP Substation No.2 - ABWF Works (not required for Section 1 completion)	38	1-Feb-23	16-Mar-23	172																		
CLP-1450	CLP Substation No.2 - Waterproofing and Testing	13	11-Feb-23*	25-Feb-23	86																		
CLP-1540	CLP Substation No.2 - E&M Installation and T&C - Crane beam	6	9-Mar-23	15-Mar-23	81																		
CLP Substation No. 1 & 2 Handover Inspection and Installation																							
CLP-1140	CLP Substation 1 & 2 - Ready for Handover to CLP and Early Section 1 Completion (CLP pre-inspection)	0		25-Feb-23	86																		
CLP-1500	CLP Substation No.1 & 2 - Defect works	10	27-Feb-23	9-Mar-23	86																		
CLP-1510	CLP Substation No.1 & 2 - CLP final inspection and handover	0		15-Mar-23	81																		
CLP-1070	CLP Substation No.1 - CLP Installation	90	18-Mar-23	10-Jul-23	79																		
CLP-1080	CLP Substation No.2 - CLP Installation	90	18-Mar-23	10-Jul-23	79																		
DSD 11kV Switchgear																							
CLP-1330	DSD11KV Switchgear - Structure Level +11.73 to +13.11mPD (R/F)	14	10-Dec-22 A	5-Jan-23 A																			
CLP-1060	DSD11KV Switchgear - BS and ABWF Works (excl. GRC Cladding Installation)	36	1-Feb-23	14-Mar-23	82																		
CLP-1110	DSD11KV Switchgear - Installation	78	18-Mar-23	24-Jun-23	79																		
Sludge Dewatering Building (SDB)																							
SDB Foundation & ELS - Stage 1																							
SDB Preliminaries for Foundation Works																							
SDB-1710	Prepare/submit/review/approve scheme with PM for early access for piling - 1st submission	30	1-Feb-23*	7-Mar-23	231																		
SDB-1750	Prepare/submit/review/approve scheme with PM for early access for piling - resubmission	15	8-Mar-23	24-Mar-23	231																		
SDB-1760	Prepare/submit/review/approve scheme with DSD/ST1 for early access for piling - 1st submission	30	25-Mar-23	4-May-23	231																		
SDB GI - Pre-drilling Works																							
SDB At PST4 and Existing Road																							
SDB-1060	PD23	12	15-Dec-22 A	16-Jan-23 A																			
SDB-1050	PD12	12	17-Dec-22 A	19-Jan-23 A																			
SDB-1240	PD3	12	11-Jan-23 A	10-Feb-23	1418																		



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						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07	
SDB-1300	PD9	12	20-Jan-23 A	13-Feb-23	130																				
SDB-1020	PD19	12	14-Feb-23	27-Feb-23	130																				
SDB-1040	PD20	12	28-Feb-23	13-Mar-23	130																				
SDB-1080	PD21	12	28-Feb-23	13-Mar-23	130																				
SDB-1010	PD10	12	14-Mar-23	27-Mar-23	130																				
SDB-1030	PD22	12	14-Mar-23	27-Mar-23	130																				
SDB-1230	PD1	12	28-Mar-23	14-Apr-23	337																				
SDB-1250	PD6	12	28-Mar-23	14-Apr-23	130																				
SDB-1350	PD4 w/ obstruction (PST4)	12	15-Apr-23	28-Apr-23	130																				
SDB-1290	PD7	12	15-Apr-23	28-Apr-23	353																				
SDB-1360	PD5 w/ obstruction (PST4)	12	29-Apr-23	13-May-23	130																				
Administration Building (ADB)																									
Temporary Admin Office and Control Room																									
ADB-1040	Handover of Temp. Admin Office and Control Room	20	2-Feb-23	24-Feb-23	66																				
Temp Admin Office - MIC Section																									
ADB-1020A30	E&M Installation and T&C	24	15-Aug-22 A	1-Feb-23	66																				
ADB-1020A40	Relocation of Admin Office (MiC)	18	2-Feb-23	22-Feb-23	68																				
ADB-1020A90	Completion of Admin Office (MiC)	0		22-Feb-23	89																				
ADB Demolition																									
ADB-1060	Relocation of Central Control Room	30	25-Feb-23	31-Mar-23	408																				
ADB-1250	Relocation of Existing SCADA System of Admin Bldg (23) and Document Centre (24)	21	25-Feb-23	21-Mar-23	66																				
ADB-1050	Demolition of Admin Bldg (23) and Document Centre (24)	20	22-Mar-23	18-Apr-23	66																				
ADB-1080	Demolition of Central Control Room (14)	30	19-Apr-23	24-May-23	397																				
ADB Foundation Works																									
ADB-1390	ADB - Predrill (1no., 4days/no./rig, 1rig) (AB-PD1) (within CCR footprint)	4	6-Apr-23	13-Apr-23	429																				
ADB-1360	ADB - Predrill (3nos., 4days/no./rig, 1rig) (AB-PD3, PD8, PD11) (outside existing building footprint)	8	15-Apr-23	24-Apr-23	420																				
Zone 2 Construction																									
Temporary Diversion																									
Temporary Diversion of 1800dia. Outfall Pipe																									
MBRAF-2460	1800dia. outfall pipe div. - Submit/Approve Design	14	26-Jan-23 A	16-Feb-23	-227																				
MBRAF-2440	1800dia. outfall pipe div. - Fabrication and delivery of MS pipe and steel hanger	14	1-Feb-23	16-Feb-23	-227																				
MBRAF-2450	1800dia. outfall pipe div. - Submit/Approve Method Statement	14	1-Feb-23	16-Feb-23	-227																				
Demolition Works																									
Other Existing Pumping Stations																									
ZZT-152	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33) superstructure	20	17-Jan-23 A	11-Feb-23	-217																				
ZZT-154	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32) superstructure	20	17-Jan-23 A	11-Feb-23	-217																				
Mainstream Bio-Reactor & Auxiliary Facility (MBR and AF)																									
MBR and AF Structure																									
MBR - ELS Excavation & Demolition stage 1																									
Pipe Pile																									
Eastern Side																									
Installation of 813mm casing																									
MBRAF-2160	813 Casing Installation (East)(P068-P100, 33nos@ 1.5nos./day/rig, 1 rig) (affected by UU diversion)	25	30-Jan-23 A	11-Feb-23	-212																				
Bird Curtain Modification Works																									
MBRAF-2380	MBR - Dismantle existing bird curtain	24	9-Jan-23 A	2-Feb-23	-175																				
MBRAF-2390	MBR - Erect bird curtain and noise barrier onto as-constructed pipe pile (Type B)	22	3-Feb-23	28-Feb-23*	-175																				
Northern Side																									
UU Diversion																									
MBRAF-2190	450 Foul pipe - Cut and remove	30	20-Sep-22 A	14-Feb-23	-219																				
MBRAF-2400	1800dia. outfall pipe diversion	30	1-Mar-23	4-Apr-23	-237																				
Installation of 813mm casing																									
MBRAF-2210	813 Casing Installation (North)(P348-P398, 006-019, 55nos.@ 1.5nos./day/rig, 1 rig)	31	9-Dec-22 A	28-Feb-23	-237																				
MBRAF-2410	813 Casing Installation (North)(10nos.@ 1.5nos./day/rig, 1 rig) (after 1800dia. outfall pipe diversion)	7	6-Apr-23	17-Apr-23	-234																				
MBRAF-2100	Closing of 813mm pipe pile (South, East and North Sides)	10	18-Apr-23	28-Apr-23	-234																				
Western Side																									
UU Diversion / Roadworks																									
MBRAF-2220	CLP 11kV (From Blower House) Diversion	13	28-Sep-22 A	1-Mar-23	-207																				
MBRAF-2240	800 and 1000 DI Pipe From existing Flow Chamber - Cut and remove	30	1-Dec-22 A	23-Dec-22 A																					
MBRAF-2780	EVA Re-provision (west of blower house)	12	23-Jan-23 A	2-Feb-23	-209																				
MBRAF-2790	EVA Re-provision (at PST4)	12	1-Feb-23	14-Feb-23	-213																				
Installation of 813mm casing																									
MBRAF-2260	813 Casing Installation (West)(P294-P239, 56nos@1.5nos./day/rig, 2rigs)	26	15-Feb-23	16-Mar-23	-220																				
MBRAF-2290	813 Casing Installation (West)(P338-P293, 45nos@1.5nos./day/rig, 2rigs)	15	17-Mar-23	3-Apr-23	-221																				
MBRAF-2280	Closing of 813mm pipe pile (West)	5	4-Apr-23	13-Apr-23	-221																				



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Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	January				February				March				April				May
						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23
Kingpost and Working Platform																						
MBRAF-2510	MBR - Submit/Approve Method Statement for steel deck	24	1-Feb-23	28-Feb-23	-167																	
MBRAF-2270	MBR - Installation of king post by preboring (18nos., 2d/pile) for ELS	36	13-Feb-23	25-Mar-23	-203																	
MBRAF-1540	MBR - Coring of A-tank bottom slab for king post installation & wells installation	25	7-Mar-23	4-Apr-23	-226																	
MBRAF-2090	MBR - Installation of king post by preboring (11nos., 2d/pile) (affected by existing A-tank) for ELS	22	28-Mar-23	26-Apr-23	-226																	
MBRAF-2480	MBR - Installation of king post by preboring (11nos., 2d/pile) for steel deck	22	26-Apr-23	22-May-23	-211																	
MBRAF-2470	MBR - Installation of king post by preboring (11nos., 2d/pile) (affected by existing A-tank) for steel deck	22	27-Apr-23	23-May-23	-212																	
Monitoring and Pumping																						
MBRAF-1460	MBR - Monitoring and pumping installation (Stage 1)	18	4-Apr-23	28-Apr-23	-234																	
MBRAF-2430	MBR - Pumping test (Stage 1)	14	29-Apr-23	12-May-23	-290																	
MBR - ELS Excavation & Demolition stage 2																						
MBRAF-1440	MBR - Setup and Mobilization for ELS works	6	29-Apr-23	6-May-23	-228																	
Tertiary Treatment System (TTS)																						
TTS Foundation and ELS																						
Sheetpile																						
TTS-1010	TTS - Sheet Piles Install (4,255m2 @90m2/d)	36	22-Dec-22 A	3-Apr-23	-38																	
TTS-1860	TTS - Sheet Piles Install (1,418m2 @90m2/d) south portion after 1800dia outfall pipe diversion	16	6-Apr-23	27-Apr-23	-55																	
Kingpost and Working Platform																						
TTS-1890	TTS - Submit/Approve Method Statement for steel deck	24	11-Mar-23	12-Apr-23	-9																	
TTS-1530	TTS - Kingpost installation (preboring method) (11 nos., 2d/pile/rig, 1rig) for ELS	22	14-Mar-23	12-Apr-23	-19																	
TTS-1870	TTS - Kingpost installation (preboring method) (assume 34nos., 2d/pile/rig, 2rigs) for steel deck	34	13-Apr-23	23-May-23	-9																	
Bird Curtain																						
TTS-1830	TTS - Dismantle existing bird curtain and noise barrier	21	19-Dec-22 A	11-Jan-23 A																		
TTS-1840	TTS - Erect bird curtain and noise barrier onto as-constructed sheetpile (Type A)	21	12-Jan-23 A	25-Feb-23	-175																	
TTS-1900	MBR & TTS - Erect bird curtain and noise barrier (Type C)	12	15-Feb-23	28-Feb-23	-175																	
Monitoring and Pumping																						
TTS-1230	TTS - Monitoring and pumping installation	21	12-Apr-23	6-May-23	-55																	
Zone 3 Construction																						
Zone 3 North Portion (Z3N)																						
Demolition																						
Existing Sludge Thickening House (8, Air Floatation Thickener)																						
Z3S2-2030a	Demolition of Existing (8, Air Floatation Thickener) - Zone 3 superstructure (affected by Zone 2B Diversion)	11	28-Dec-22 A	4-Feb-23	-140																	
Z3S2-3490	Excavate & Demolish Existing (8, Air Floatation Thickener) substructure by clamping	15	27-Feb-23	15-Mar-23	-158																	
Z3S2-3470	Excavate & Demolish Existing Sludge Thickening House pump pit (8) (affect Zone P2B piling) by clamping	15	16-Mar-23	1-Apr-23	-158																	
Z3S2-2030b	Excavate & Demolish Existing Sludge Thickening House pump pit (8) (affect Zone P2B piling) by breaker	6	3-Apr-23	13-Apr-23	-36																	
Z3S2-2030b10	Backfill Existing Sludge Thickening House pump pit (8) (affect Zone P2B piling)	5	14-Apr-23	19-Apr-23	-158																	
New Sludge Thickening Building (STB)																						
STB : Predrilling Works																						
Z3S1a.7-70	Complete Predrilling Works for STB	0		1-Dec-22 A																		
Z3S3-3490	Environment GI (4 nos.) at Zone P2B	12	13-Feb-23*	25-Feb-23	-158																	
Z3S3-5130	Environment GI - Submit RAP Report to EPD	30	27-Feb-23*	1-Apr-23	-130																	
STB : Driven H-pile																						
Batch 1																						
Z3S3-3370	STB - Submit to GEO (28d) (Batch 1)	28	1-Dec-22 A	4-Mar-23	100																	
Batch 2																						
Z3S3-3950	STB - Site Setup & Mobilization (Batch 2)	9	20-Apr-23	29-Apr-23	-158																	
STB : Foundation and ELS																						
STB Stage 1 ELS																						
Z3S3-2180	STB - Sheetpile Installation (3,997m2 @90m2/d/rig, 1rig) (Stage 1)	46	3-Dec-22 A	27-Mar-23	-98																	
Z3S3-5140	STB - Sheetpile Installation (Stage 1) by preboring (Assumed 180piles, 1.5pile/day/rig, 2 rigs)	60	15-Feb-23*	29-Apr-23	-64																	
Z3S3-3340	STB - Monitoring and pumping installation for Stage 1	20	22-Apr-23	16-May-23	-64																	
Utility Corridor (UC5) (Connect to STB)																						
UC5 : Predrilling Works																						
Z3S2-3390	UC/PP - Predrill UC&PP-PD1	6	5-Jan-23 A	10-Jan-23 A																		
UC5 : Foundation and ELS Works																						
Z3S2-3070	UC5 - UU diversion for sheetpile works	12	23-Dec-22 A	17-Feb-23	-86																	
Z3S2-3500	UC5 - Road Diversion for sheetpile works	5	4-Mar-23	9-Mar-23	-98																	
Z3S2-3580	UC5 - Site set-up and mobilization for sheetpile works	2	10-Mar-23	11-Mar-23	-98																	
Z3S2-3080	UC5 - Sheetpile Installation (1,806m2 @90m2/d)	24	13-Mar-23	13-Apr-23	-98																	
Z3S2-3090	UC5 - Monitoring and pumping Installation	14	24-Mar-23	13-Apr-23	-98																	
Z3S2-3510	UC5 - Pumping test	6	14-Apr-23	20-Apr-23	-98																	
Z3S2-3100	UC5 - ELS, Excavation (+6.0 to +4.0mPD) (526m3, 200m3/d)	3	21-Apr-23	24-Apr-23	-98																	
Z3S2-3110	UC5 - ELS, Strut Installation S1 (+4.0mPD)	8	25-Apr-23	4-May-23	-98																	
Z3S2-3120	UC5 - Marine Sediments Treatment and Disposal	14	25-Apr-23	11-May-23	-85																	



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						01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16	23	30	07
Zone 3 South Portion (Z3S)																								
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	6-Apr-23	-69	Sludge Digester No. 1-3 - Sheet Piles I																		
Z3S3-4810	Sludge Digester No. 1-3 - Kingpost by preboring (5nos. 325m @ 3d/pile)	15	11-Apr-23	27-Apr-23	-69	Sludge Dige																		
Z3S3-3350	Sludge Digester No. 1-3 - Monitoring and pumping installation	18	14-Apr-23	5-May-23	-69	Sl																		
Biogas Holder No. 1 (BH1)																								
BH1 : Foundation																								
Z3BH-1000	Biogas Holder No. 1 - Band drain Installation for Ground Improvement	6	30-Nov-22 A	31-Dec-22 A		Biogas Holder No. 1 - Band drain installation for Ground Improvement																		
Z3BH-1060	Biogas Holder No. 1 - Band drain Installation for Ground Improvement @ SHT 1 and existing water heater house f	6	30-Nov-22 A	31-Dec-22 A		Biogas Holder No. 1 - Band drain installation for Ground Improvement @ SHT 1 and existing water heater house footprint																		
Z3BH-1040	Biogas Holder No. 1 - Surcharge (concrete block placing and fill)	24	2-Jan-23 A	25-Feb-23	-30	Biogas Holder No. 1 - Surcharge (concrete block placing and fill)																		
Z3BH-1050	Biogas Holder No. 1 - Consolidation *calendar day	30	26-Feb-23	27-Mar-23	-40	Biogas Holder No. 1 - Consolidation *calendar day																		
Z3BH-1140	Biogas Holder No. 1 - Verification drillhole (2nos., BH-VD4, BH-VD5)	8	28-Mar-23	6-Apr-23	-34	Biogas Holder No. 1 - Verification drill																		
Z3BH-1150	Biogas Holder No. 1 - Remove surcharge	10	11-Apr-23	21-Apr-23	-34	Biogas Holder No. 1																		
Z3BH-1180	Biogas Holder No. 1 - Sheetpile (TL-11mPD, 976m2 @ 90m2/d, 1rig)	12	22-Apr-23	6-May-23	382	B																		
Utility Corridor and Pipe Portal (UC/PP)																								
Pipe Portal No. 1 (PP1) (Construct with SD1-3)																								
PP1 : Predrilling Works																								
Z3S5UC1-2220	UC/PP - Predrill UC&PP-PD5	6	8-Dec-22 A	17-Dec-22 A		UC&PP-PD5																		
Utility Corridor No. 1 (UC1)																								
UC1 : Predrilling Works																								
Z3S5UC1-2180	UC/PP - Predrill UC&PP-PD2	6	11-Apr-23	17-Apr-23	160	UC/PP - Predrill UC&PP-P																		
Z3S5UC1-2190	UC/PP - Predrill UC&PP-PD3	6	18-Apr-23	24-Apr-23	160	UC/PP - Predrill																		
Z3S5UC1-2200	UC/PP - Predrill UC&PP-PD6	6	25-Apr-23	2-May-23	160	UC/PP																		
Zone 3 Middle Portion (Z3M)																								
Sludge Digester No. 4-6 (SD4-6)																								
SD4-6 : Foundation and ELS																								
Pre-drilling Works																								
Z3S8SD-1000	Sludge Digester No. 5-6 - Pre-drill (1 nos. SD-BH2)	14	27-Mar-23*	15-Apr-23	529	Sludge Digester No. 5-6 - P																		
Z3S8SD-2020	Sludge Digester No. 4 - Pre-drill (1 no. SD-BH5)	14	17-Apr-23	3-May-23	529	Slud																		
Z3S8SD-2280	Sludge Digester No. 5-6 - Submit to GEO (28d)	28	17-Apr-23	19-May-23	716																			



- Remaining Level of Ef...
- 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
31-Jan-23	Rev. 0		