

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	May					June					July					August					September					October					November				
						28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03							
<b>YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv38_240617</b>																																								
<b>Contract Data Part 1</b>																																								
<b>Access Dates</b>																																								
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	757	05-Mar-21 A	22-Feb-25*	0																																			
ADP3	Portion 3 (sd+1218d)	0	01-Jun-24*		-82																																			
<b>Contract Key Dates</b>																																								
CKD3	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWFPST>54,000m3/d at ADWFCivilstruct,E&M&BS (R.KD3=8May24)	0		31-May-24*	-23																																			
CKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (Rev.KD10=27Feb24)	0		31-May-24*	-94																																			
<b>Environmental Constraints</b>																																								
EBS-2175	Egrets Breeding Season 2024	184	01-Mar-24 A	31-Aug-24	0																																			
<b>Planned Completion</b>																																								
<b>Planned Key Dates</b>																																								
PKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg	0		22-Aug-24*	-177																																			
<b>Preliminary and Preparation Works</b>																																								
<b>Subletting</b>																																								
SUB-300	Subletting for RC works for MBR and TTB	90	15-Apr-24 A	04-Oct-24	443																																			
SUB-340	Subletting for Drainage, Sewage & waterworks	90	07-Jul-24	04-Oct-24	443																																			
<b>Design Submission</b>																																								
<b>Temporary Works Design</b>																																								
<b>Mainstream Bio-Reactor System</b>																																								
<b>ELS for AGS Basement Structure - design amendment for S5 below</b>																																								
TWD-1040	ELS - Resubmission for PMs & ICE review (7d prep & resub. + 21d PM & ICE review)	28	16-Apr-24 A	26-Jun-24	-271																																			
TWD-1050	ELS - Obtain Approval	7	27-Jun-24	03-Jul-24	-271																																			
<b>Sludge Dewatering and Underpass</b>																																								
TWD-260	ELS - Prepare & Submission for PMs review	45	01-Jun-24	15-Jul-24	-56																																			
TWD-270	ELS - Review by PMs & ICE review (28 d + 7d)	35	16-Jul-24	19-Aug-24	-56																																			
TWD-280	ELS - Resubmission for PMs & ICE review (7d prep & resub. + 21d PM & ICE review)	28	20-Aug-24	16-Sep-24	-56																																			
<b>Administration Building</b>																																								
TWD-300	Open Cut Design - Prepare & Submission for PMs review	45	16-Jul-24	29-Aug-24	55																																			
TWD-310	Open Cut Design - Review by PMs & ICE review (28 d + 7d)	35	30-Aug-24	03-Oct-24	55																																			
<b>Wakway Across Tai Tseng Wai Nullah</b>																																								
TWD-600	Wakway - Prepare & Submission for PMs review	45	16-Jul-24	29-Aug-24	538																																			
TWD-610	Wakway - Review by PMs & ICE review (28 d + 7d)	35	30-Aug-24	03-Oct-24	538																																			
<b>Temporary diversion scheme for Early commissioning of SD, BH1, H2S and STB</b>																																								
TWD-970	Temp. pipe. for BH1 Early Comm.-Prep(90d),Sub.&Review(30d) Comment&Resub(14d)&Approval(7d)	141	30-Jun-23 A	30-Jun-24	-192																																			
TWD-1010	Temp. pipe. for SD1-2 Early Comm.-Prep(90d),Sub.&Review(30d) Comment&Resub(14d)&Approval(7d)	141	29-Dec-23 A	30-Sep-24	-192																																			
<b>Contractor's Permanent Works Design (Include ATAL)</b>																																								
<b>AP</b>																																								
<b>Package 3A - Plant Service Water</b>																																								
AP-520	E&MAP Report for Plant Service Water - Resubmission for further review	45	20-Dec-21 A	11-Jun-24	-94																																			
AP-530	E&MAP Report for Plant Service Water - Obtain Approval	7	12-Jun-24	18-Jun-24	-94																																			
<b>DDA</b>																																								
<b>Package 2 - Tertiary Treatment System</b>																																								
DDA-170	Civil Req. for TTS (Foundation design) - Prepare(27d), Sub. & Review(45d), Comment & Resub.(14d), GEO(28d)&Approval(7d)	121	13-Jun-21 A	17-Jun-24	-252																																			
DDA-150	Foundation for TTS - Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d), GEO (28d)	213	08-Oct-21 A	18-Jul-24	-23																																			
DDA-180	Civil Req. for TTS (Superstruct. design) - Prepare (147d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	11-Oct-21 A	17-Jun-24	-81																																			
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Jun-24	4																																			
DDA-210	Electrical & Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Jun-24	4																																			
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	17-Nov-22 A	16-Sep-24	479																																			
DDA-160	Civil & Structural for TTS - Prepare (120d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	177	17-Nov-22 A	15-Aug-24	-92																																			
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	199	30-Oct-23 A	16-Sep-24	-81																																			
<b>Package 3 - Mainstream Bio-Reactor System</b>																																								
DDA-260	Civil Req. for MBS-AGS (Foundation design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	09-Jun-21 A	23-Jun-24	-91																																			
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	18-Jul-24	84																																			
DDA-300	Electrical & Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	405	08-Oct-21 A	24-Jun-24	108																																			
DDA-270	Civil Req. for MBS-AGS (Superstruct. design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	01-Mar-22 A	23-Jun-24	-91																																			
DDA-240	Foundation for MBS - Prepare (97d), Sub. & Review(45d), Comment & Resub.(14d), GEO (28d) & Approval (7d)	230	18-Mar-22 A	08-Sep-24	-223																																			
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	170	20-Jun-23 A	27-Sep-24	-82																																			
DDA-1530	VCAB for AGS&TTS - Prepare (30d), Sub. & Review(30d)	204	16-Jun-23 A	21-Sep-24	-15																																			
DDA-310	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	142	01-Jun-24	20-Oct-24	-11																																			
<b>Package 5A - Master Water Meter Room</b>																																								
DDA-390	P&ID for MVMC - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	64	26-Jun-23 A	06-Oct-24	4																																			
DDA-400	Mechanical for MVMC - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	220	30-Oct-23 A	06-Oct-24	700																																			
DDA-410	Electrical & Control for MVMC - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	220	30-Oct-23 A	06-Oct-24	700																																			
<b>Package 5B - Plant Service Water (PSW)</b>																																								
DDA-1050	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	126	12-Jun-21 A	16-Aug-24	-93																																			
DDA-1040	Piping & Instrumentation Diagram (P&ID) - Prep(30d), Sub.&Review(28d), Comment&Resub(14d)&Approval(7d)	220	26-Jun-23 A	21-Oct-24	-116																																			
DDA-1060	Electrical & Control for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	143	01-Jun-24	21-Oct-24	-116																																			
DDA-1070	Mechanical for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	143	01-Jun-24	21-Oct-24	-116																																			
<b>Package 6 - Sludge Thickening Chemical and Dosing System</b>																																								
DDA-430	Found for STCS, Waste Gas Burner & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d), GEO(28d) & Approval (7d)	96	09-Nov-21 A	08-Jul-24	-3																																			
DDA-440	Civil & Struct for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	250	09-Nov-21 A	25-Jul-24	-20																																			
DDA-440B	Civil Req. for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	300	15-Nov-21 A	08-Jun-24	67																																			
DDA-1130	Mechanical for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	340	16-Nov-21 A	15-Aug-24	67																																			
DDA-1140	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	315	30-Nov-21 A	01-Jul-24	67																																			
DDA-1520	Mechanical Ventilation and Air conditional System Design for Sludge Thickening Building (STB)	320	16-Jun-22 A	15-Aug-24	180																																			
DDA-1510	Plumbing and Drainage System Design for Sludge Thickening Building (STB)	320	07-Jul-22 A	15-Aug-24	180																																			
DDA-1500	Fire Services Design for Sludge Thickening Building (STB)	320	08-Jul-22 A	29-Aug-24	166																																			
DDA-1150	Building Services for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	24-Oct-22 A	29-Jul-24	-3																																			
<b>Package 7 - CLP Substation and 11kV Switchgear House</b>																																								
DDA-480	UPS System for CLP Sub & 11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	168	03-Jun-21 A	15-Jun-24	-185																																			
<b>Package 9 - Inlet Work (IW)</b>																																								



- 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. 43- 3MRP (May 24)

Project ID : DWPr38\_240617  
 Layout : DC201910 MPR43-3MRP  
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Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
31-May-24	Rev. 0		





Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	May 43					June 44					July 45					August 46					September 47					October 48					November 49															
						28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03																		
SUBM-1000	Submitreviewapproval Commissioning Plan and Procedures - Early commissioning of IW&PST (KD3)	120	21-Feb-24 A	28-Sep-24	-233	Submitreviewapproval Commissioning Plan and Procedures - Early commissioning of IW&PST (KD3)																																													
<b>Material Submission, Procurement, Manufacturing and Delivery</b>																																																			
<b>Inlet Works</b>																																																			
PRE-210	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Screening system (fixed bar/coarse/fine)	300	16-Mar-21 A	13-Aug-24	-298	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Screening system (fixed bar/coarse/fine)																																													
PRE-700	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Inlet pumps (HFL/Drainage)	330	05-Jan-22 A	15-Aug-24	-275	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Inlet pumps (HFL/Drainage)																																													
PRE-290	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Grit Trap and classifier	270	18-Feb-22 A	15-Aug-24	-275	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Grit Trap and classifier																																													
PRE-280	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Conveyor and compactor	270	12-Apr-22 A	15-Aug-24	-240	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Conveyor and compactor																																													
PRE-330	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - DOU-01	330	26-May-22 A	29-Jun-24	-213	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - DOU-01																																													
PRE-300	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - LALG	270	28-Jul-22 A	29-Jun-24	-246	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - LALG																																													
PRE-310	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Penstocks and stoplogs	270	13-Sep-22 A	29-Jun-24	-254	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - Penstocks and stoplogs																																													
PRE-320	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - MVAC-Ventilation Fan	211	10-Jan-23 A	03-Aug-24	-253	SubmitProcure/Manufacture/Deliver New InletWorks Equip. - MVAC-Ventilation Fan																																													
<b>Biogas Holder</b>																																																			
PRE-410	SubmitProcure/Manufacture/Deliver Waster Gas Burner	300	19-Aug-21 A	19-Jan-27	-162	SubmitProcure/Manufacture/Deliver Waster Gas Burner																																													
PRE-420	SubmitProcure/Manufacture/Deliver H2S Removal System	510	25-Feb-22 A	31-Dec-25	-125	SubmitProcure/Manufacture/Deliver H2S Removal System																																													
PRE-430	SubmitProcure/Manufacture/Deliver Biogas booster and transfer pumps	522	01-Aug-24*	04-Jan-26	-33	SubmitProcure/Manufacture/Deliver Biogas booster and transfer pumps																																													
<b>Sludge Digester Tank</b>																																																			
PRE-750	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Flame Arresters	100	31-Oct-22 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Flame Arresters																																													
PRE-780	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Mixing System and Heat Exchanger for Sludge Anaerobic Digester	420	22-Dec-22 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Mixing System and Heat Exchanger for Sludge Anaerobic Digester																																													
PRE-720	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Inspection Windows for Sludge Anaerobic System	365	18-Jan-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Inspection Windows for Sludge Anaerobic System																																													
PRE-730	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Gas Take Off Dome for Sludge Anaerobic Digestion System	365	18-Jan-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Gas Take Off Dome for Sludge Anaerobic Digestion System																																													
PRE-710	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Pressure and Vacuum Relief Valves	300	01-Mar-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Pressure and Vacuum Relief Valves																																													
PRE-740	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Telescopic Valve for Sludge Anaerobic Digestion System	179	10-Jul-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Telescopic Valve for Sludge Anaerobic Digestion System																																													
PRE-760	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Ferric Chloride Dosing Pump	148	29-Aug-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Ferric Chloride Dosing Pump																																													
PRE-770	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Ferric Chloride Transfer Pump	148	29-Aug-23 A	18-Dec-24	-248	SubmitProcure/Manufacture/Deliver Sludge Digester Tank - Ferric Chloride Transfer Pump																																													
<b>Sludge Thickening Building</b>																																																			
PRE-250	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Thickening Centrifuges	360	12-Nov-21 A	29-Aug-24	161	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Thickening Centrifuges																																													
PRE-500	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Pump and jet mixer	300	07-Jan-22 A	08-Sep-24	-13	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Pump and jet mixer																																													
PRE-510	SubmitProcure/Manufacture/Deliver Sludge Thickening System - LALG	256	28-Mar-23 A	28-Oct-24	82	SubmitProcure/Manufacture/Deliver Sludge Thickening System - LALG																																													
PRE-480	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Polymer preparation system	388	12-Apr-23 A	19-Sep-24	106	SubmitProcure/Manufacture/Deliver Sludge Thickening System - Polymer preparation system																																													
PRE-490	SubmitProcure/Manufacture/Deliver Sludge Thickening System - DOU-03	264	07-Jul-23 A	16-Nov-24	82	SubmitProcure/Manufacture/Deliver Sludge Thickening System - DOU-03																																													
PRE-520	SubmitProcure/Manufacture/Deliver Sludge Thickening System - MVAC	212	27-Apr-24 A	19-Nov-24	79	SubmitProcure/Manufacture/Deliver Sludge Thickening System - MVAC																																													
<b>Mainstream Bio-Reactor</b>																																																			
PRE-230	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - AGS system	480	09-Sep-22 A	03-Jun-25	-237	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - AGS system																																													
PRE-530	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Penstocks and stoplogs	345	31-Oct-22 A	24-Sep-25	-266	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Penstocks and stoplogs																																													
PRE-550	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Sludge pre-thickening system	510	31-Oct-22 A	09-May-25	-189	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Sludge pre-thickening system																																													
PRE-540	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Chemical storage and dosing system	270	18-Nov-22 A	09-May-25	-212	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Chemical storage and dosing system																																													
PRE-570	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Instrumentation	481	03-Apr-24 A	24-Sep-25	-266	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - Instrumentation																																													
PRE-560	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - LALG	368	01-Jun-24*	03-Jun-25	-237	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - LALG																																													
PRE-580	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - MVAC	241	01-Jun-24	27-Jan-25	-110	SubmitProcure/Manufacture/Deliver Main Stream Bio-Reactor E&MEquip. - MVAC																																													
<b>Tertiary Treatment System</b>																																																			
PRE-610	SubmitProcure/Manufacture/Deliver TTS Equip. - Pumping system	495	19-Jul-22 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - Pumping system																																													
PRE-600	SubmitProcure/Manufacture/Deliver TTS Equip. - UV disinfection system	510	08-Sep-22 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - UV disinfection system																																													
PRE-240	SubmitProcure/Manufacture/Deliver TTS Equip. - Disc Filter	600	27-Sep-22 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - Disc Filter																																													
PRE-590	SubmitProcure/Manufacture/Deliver TTS Equip. - Chemical cleaning system	480	18-Nov-22 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - Chemical cleaning system																																													
PRE-630	SubmitProcure/Manufacture/Deliver TTS Equip. - Penstocks and stoplogs	435	30-Nov-22 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - Penstocks and stoplogs																																													
PRE-620	SubmitProcure/Manufacture/Deliver TTS Equip. - LALG	151	27-Mar-23 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - LALG																																													
PRE-690	SubmitProcure/Manufacture/Deliver TTS Equip. - DOU-02	506	07-Sep-23 A	09-May-25	-179	SubmitProcure/Manufacture/Deliver TTS Equip. - DOU-02																																													
<b>Electrical and Control System</b>																																																			
PRE-680	SubmitProcure/Manufacture/Deliver Electrical and Control System - SCADA and instrumentation	420	30-Apr-22 A	31-Aug-24	-192	SubmitProcure/Manufacture/Deliver Electrical and Control System - SCADA and instrumentation																																													
PRE-650	SubmitProcure/Manufacture/Deliver Electrical and Control System - LVSB	300	21-Dec-22 A	10-Jul-24	-288	SubmitProcure/Manufacture/Deliver Electrical and Control System - LVSB																																													
PRE-660	SubmitProcure/Manufacture/Deliver Electrical and Control System - UPS	300	21-Dec-22 A	10-Jul-24	-258	SubmitProcure/Manufacture/Deliver Electrical and Control System - UPS																																													
PRE-670	SubmitProcure/Manufacture/Deliver Electrical and Control System - Armoured Cable	203	21-Dec-22 A	31-Aug-24	-237	SubmitProcure/Manufacture/Deliver Electrical and Control System - Armoured Cable																																													
<b>Statutory Submission &amp; Approval</b>																																																			
<b>WSD Submission &amp; Approval</b>																																																			
WSD-1010	WSD - Form WWO542 PM&WSD review and approval	90	10-Mar-22 A	26-Jun-24	-275	WSD - Form WWO542 PM&WSD review and approval																																													
WSD-1020	WSD - Submit Form WWO46 Part 1 and 2	0		26-Jun-24	-275	WSD - Submit Form WWO46 Part 1 and 2																																													
WSD-1030	WSD - Form WWO46 Part 1 and 2 PM&WSD review and approval	90	27-Jun-24	24-Sep-24	-275	WSD - Form WWO46 Part 1 and 2 PM&WSD review and approval																																													
<b>EMSD Submission &amp; Approval</b>																																																			
<b>Biogas System (ATAL)</b>																																																			
<b>Phase 1</b>																																																			
ATAL-FS-0020	Form 105 for Biogas Holder Tank 1 (Submission and Approval Period)	184	08-Nov-22 A	04-Aug-24	-108	Form 105 for Biogas Holder Tank 1 (Submission and Approval Period)																																													
<b>EPD Submission &amp; Approval for VEP</b>																																																			
EPD-1000	EPD - VEP Review, prepare and submit to PM	60	24-May-23 A	10-Jun-24	-6	EPD - VEP Review, prepare and submit to PM																																													
EPD-1010	EPD - VEP RIC to PM and approval	7	11-Jun-24	17-Jun-24	-6	EPD - VEP RIC to PM and approval																																													
EPD-1050	EPD - VEP consultation with HKBW	28	11-Jun-24	08-Jul-24	8	EPD - VEP consultation with HKBW																																													
EPD-1020	EPD - VEP Submission to DSD and EPD	28	18-Jun-24	15-Jul-24	-6	EPD - VEP Submission to DSD and EPD																																													
EPD-1030	EPD - VEP RIC to DSD and EPD	7	16-Jul-24	22-Jul-24	-6	EPD - VEP RIC to DSD and EPD																																													
EPD-1060	EPD - VEP Gazette	28	23-Jul-24	19-Aug-24	-6	EPD - VEP Gazette																																													
EPD-1070	EPD - VEP approval	7	20-Aug-24	26-Aug-24	-6	EPD - VEP approval																																													
<b>Zone 1 Construction</b>																																																			
<b>CLP Substations No. 1 &amp; 2</b>																																																			
<b>DSD 11kV Switchgear</b>																																																			
CLP-1220	DSD 11kV Switchgear - Energization	8	08-Jul-24	16-Jul-24	-176	DSD 11kV Switchgear - Energization																																													
<b>CLP Substation No. 1 &amp; 2 &amp; DSD 11kV Switchgear - GRC Cladding</b>																																																			
CLP-1590	CLP Substation No. 1 & 2 & DSD 11kV Switchgear - GRC cladding - fabrication	60	21-Feb-24 A	23-Jul-24	668	CLP Substation No. 1 & 2 & DSD 11kV Switchgear - GRC cladding - fabrication																																													
CLP-1600	CLP Substation No. 1 & 2 & DSD 11kV Switchgear - GRC cladding - installation	75	18-Jun-24	13-Sep-24	668	CLP Substation No. 1 & 2 & DSD 11kV Switchgear - GRC cladding - installation																																													
<b>Modification of Existing Emergency Bypass Chamber</b>																																																			
<b>Emergency Bypass Chamber - Foundation and ELS</b>																																																			
IW-3200	IW - Modification of Existing Emergency Bypass Chamber - Site clearance and mobilization of sheetpile and grouting	11	22-May-24 A	29-Jun-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Site clearance and mobilization of sheetpile and grouting																																													
IW-1260	IW - Modification of Existing Emergency Bypass Chamber - Sheet Piles Installation (1,283m2, 60m2/day/fig, 1rig)	18	02-Jul-24	22-Jul-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Sheet Piles Installation (1,283m2, 60m2/day/fig, 1rig)																																													
IW-3470	IW - Modification of Existing Emergency Bypass Chamber - Diagonal grouting at existing chamber	18	02-Jul-24	22-Jul-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Diagonal grouting at existing chamber																																													
IW-3190	IW - Modification of Existing Emergency Bypass Chamber - Pumping test	5	23-Jul-24	27-Jul-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Pumping test																																													
IW-1270	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 1st layer +4.5 to +3.5mPD (253m3)	3	29-Jul-24	31-Jul-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 1st layer +4.5 to +3.5mPD (253m3)																																													
IW-3070	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ +4.0mPD	6	01-Aug-24	07-Aug-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ +4.0mPD																																													
IW-3080	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 2nd layer +3.5 to +1.0mPD (633m3)	4	08-Aug-24	12-Aug-24	-239	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 2nd layer +3.5 to +1.0mPD (633m3)																																													



- 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. 43- 3MRP (May 24)

Project ID : DWPr38\_240617  
 Layout : DC201910 MPR43-3MRP  
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#### Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
31-May-24	Rev. 0		







Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	May 43												June 44												July 45												August 46												September 47												October 48												November 49											
						28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03																																																								
SDB-1000	Site Hoarding, Clearance, Temp Facilities	18	02-Apr-24	29-May-24	A	Site Hoarding, Clearance, Temp Facilities																																																																																			
SDB-1310	Access Date to Portion 3	0		30-May-24	A	Access Date to Portion 3																																																																																			
<b>Demolition of Existing PST4</b>																																																																																									
SDB-2010	SDB - Road diversion at AGS Zone C	1	22-Apr-24	27-Apr-24	A	SDB - Road diversion at AGS Zone C																																																																																			
SDB-1100	SDB - Demolition of Existing PST 4 (portion after road diversion and pipe plug)	4	29-Apr-24	11-May-24	A	SDB - Demolition of Existing PST 4 (portion after road diversion and pipe plug)																																																																																			
<b>Demolition of Existing PST1&amp;3</b>																																																																																									
SDB-1960	SDB - Decommissioning of Existing PST 1	6	25-May-24	29-May-24	A	SDB - Decommissioning of Existing PST 1																																																																																			
SDB-1970	SDB - Demolition of Existing PST 1&3	18	30-May-24	18-Jun-24	-70	SDB - Demolition of Existing PST 1&3																																																																																			
SDB-1980	SDB - Backfilling of Existing PST 1&3	3	19-Jun-24	21-Jun-24	-70	SDB - Backfilling of Existing PST 1&3																																																																																			
<b>Demolition of Existing PST2</b>																																																																																									
SDB-1810	SDB - Decommissioning of Existing PST 2 & remaining chamber&pipe	6	25-May-24	29-May-24	A	SDB - Decommissioning of Existing PST 2 & remaining chamber&pipe																																																																																			
SDB-1820	SDB - Demolition of Existing PST 2 & remaining chamber&pipe	20	12-Jun-24	05-Jul-24	-64	SDB - Demolition of Existing PST 2 & remaining chamber&pipe																																																																																			
SDB-1830	SDB - Backfilling of Existing PST 2 & remaining chamber&pipe	3	06-Jul-24	09-Jul-24	-64	SDB - Backfilling of Existing PST 2 & remaining chamber&pipe																																																																																			
<b>Strengthening Works of Existing Detritor</b>																																																																																									
SDB-2090	SDB - Strengthening Works of Existing Detritor - Design submission and approval (PM & ICE review 28d (1st)+28d(resub))	56	01-May-24	08-Jun-24	-19	SDB - Strengthening Works of Existing Detritor - Design submission and approval (PM & ICE review 28d (1st)+28d(resub))																																																																																			
SDB-2100	SDB - Strengthening Works of Existing Detritor - Method statement submission and approval (PM review 28d (1st)+28d(resub))	56	01-May-24	15-Jun-24	-24	SDB - Strengthening Works of Existing Detritor - Method statement submission and approval (PM review 28d (1st)+28d(resub))																																																																																			
SDB-2110	SDB - Strengthening Works of Existing Detritor - Minipile mobilization	6	17-Jun-24	22-Jun-24	-24	SDB - Strengthening Works of Existing Detritor - Minipile mobilization																																																																																			
SDB-2120	SDB - Strengthening Works of Existing Detritor - Construct minipile (2nos.)	14	24-Jun-24	10-Jul-24	-24	SDB - Strengthening Works of Existing Detritor - Construct minipile (2nos.)																																																																																			
SDB-2130	SDB - Strengthening Works of Existing Detritor - Minipile demobilization	3	11-Jul-24	13-Jul-24	-24	SDB - Strengthening Works of Existing Detritor - Minipile demobilization																																																																																			
SDB-2140	SDB - Strengthening Works of Existing Detritor - A&A works of existing diversion chamber	24	15-Jul-24	10-Aug-24	-24	SDB - Strengthening Works of Existing Detritor - A&A works of existing diversion chamber																																																																																			
<b>SDB Foundation - PST 1-4 Footprint</b>																																																																																									
<b>SDB Foundation - Driven H-Pile</b>																																																																																									
SDB-1940	SDB - Driven H-piles (SDB18nos, 1044m @48m/dlg, 1rig after PST4 demolish) no trial pile required	22	02-Apr-24	18-Jun-24	92	SDB - Driven H-piles (SDB18nos, 1044m @48m/dlg, 1rig after PST4 demolish) no trial pile required																																																																																			
SDB-2080	SDB - Driven H-piles 2nd mobilization (after existing PST demolished)	6	22-Jun-24	28-Jun-24	-70	SDB - Driven H-piles 2nd mobilization (after existing PST demolished)																																																																																			
SDB-1170	SDB - Driven H-piles (SDB315nos, 18270m @48m/dlg, 5rigs after PST1,2,3&remaining chamber&pipe demolish)	90	29-Jun-24	16-Oct-24	-70	SDB - Driven H-piles (SDB315nos, 18270m @48m/dlg, 5rigs after PST1,2,3&remaining chamber&pipe demolish)																																																																																			
SDB-2060	SDB - Driven H-piles (SDB6nos, 348m @48m/dlg, 1rig after existing Detritor modification works)	8	12-Aug-24	20-Aug-24	-24	SDB - Driven H-piles (SDB6nos, 348m @48m/dlg, 1rig after existing Detritor modification works)																																																																																			
<b>External Works</b>																																																																																									
<b>Walkway Across Tai Tseng Wai Nullah</b>																																																																																									
CLP-1570	Walkway - Predrill (1nos. MAPD1)	12	01-Jun-24	15-Jun-24	554	Walkway - Predrill (1nos. MAPD1)																																																																																			
<b>Zone 2 Construction</b>																																																																																									
<b>Demolition Works</b>																																																																																									
<b>Other Existing Pumping Stations</b>																																																																																									
<b>Auxiliary Pumping Stations</b>																																																																																									
Z2T-150B20	Demolition of Auxiliary Pumping Station (19) below ground silrtm ethod	60	01-May-24	13-Jul-24	-216	Demolition of Auxiliary Pumping Station (19) below ground silrtm ethod																																																																																			
<b>Mainstream Bio-Reactor &amp; Auxiliary Facility (MBR and AF)</b>																																																																																									
<b>MBR and AF Structure</b>																																																																																									
<b>MBR - ELS Excavation &amp; Demolition stage 2</b>																																																																																									
MBRAF-4010	MBR - Pumping Test (Stage 1b) dewater b-9.0mPD	8	02-Jul-24	10-Jul-24	-240	MBR - Pumping Test (Stage 1b) dewater b-9.0mPD																																																																																			
<b>MBR - ELS Zone A</b>																																																																																									
<b>Excavation and Demolition</b>																																																																																									
MBRAF-3280	MBR - Zone A - ELS Excavate (+1.75 to -1.25mPD)(7800m3)(3-4 excavators, 500m3/d)	16	16-Apr-24	30-Apr-24	A	MBR - Zone A - ELS Excavate (+1.75 to -1.25mPD)(7800m3)(3-4 excavators, 500m3/d)																																																																																			
MBRAF-1660	MBR - Zone A - Strut Installation S3 (-0.7mPD)(1 crane, 8welders, 24ton/d)	10	22-Apr-24	04-Jun-24	-236	MBR - Zone A - Strut Installation S3 (-0.7mPD)(1 crane, 8welders, 24ton/d)																																																																																			
MBRAF-3490	MBR - Zone A - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)	2	05-Jun-24	06-Jun-24	-236	MBR - Zone A - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3710	MBR - Zone A - Toe grout for 323 pipe pile	12	05-Jun-24	19-Jun-24	-168	MBR - Zone A - Toe grout for 323 pipe pile																																																																																			
MBRAF-1670	MBR - Zone A - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d)*MD	15	08-Jun-24	26-Jun-24	-237	MBR - Zone A - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-1680	MBR - Zone A - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)	12	19-Jun-24	03-Jul-24	-227	MBR - Zone A - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)																																																																																			
MBRAF-3930	MBR - Zone A - Trial pumping pit (4nos., -5 to -7.6mPD) & Stage 1b Pumping Test (to -9.0mPD)	8	27-Jun-24	06-Jul-24	-227	MBR - Zone A - Trial pumping pit (4nos., -5 to -7.6mPD) & Stage 1b Pumping Test (to -9.0mPD)																																																																																			
MBRAF-3500	MBR - Zone A - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)	3	04-Jul-24	06-Jul-24	-227	MBR - Zone A - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-1690	MBR - Zone A - ELS Excavation (4.15 to -7.65mPD)(9100m3)(3-4 excavators, 500m3/d)*MD	17	11-Jul-24	30-Jul-24	-230	MBR - Zone A - ELS Excavation (4.15 to -7.65mPD)(9100m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-3650	MBR - Zone A - 323dia pipe pile (13nos., TL=28mPD, 1no./day/fig)	13	31-Jul-24	14-Aug-24	-230	MBR - Zone A - 323dia pipe pile (13nos., TL=28mPD, 1no./day/fig)																																																																																			
MBRAF-3940	MBR - Zone A - Trial pumping pit (4nos., -7.1 to -9.5mPD)	6	31-Jul-24	06-Aug-24	-215	MBR - Zone A - Trial pumping pit (4nos., -7.1 to -9.5mPD)																																																																																			
MBRAF-1700	MBR - Zone A - Strut Installation S5 (-7.1mPD)(1 crane, 8welders, 24ton/d)	12	07-Aug-24	20-Aug-24	-230	MBR - Zone A - Strut Installation S5 (-7.1mPD)(1 crane, 8welders, 24ton/d)																																																																																			
MBRAF-3510	MBR - Zone A - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)	3	21-Aug-24	23-Aug-24	-230	MBR - Zone A - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-1710	MBR - Zone A - ELS Excavation (-7.65 to -9.0mPD)(3510m3)(3-4 excavators, 500m3/d)	7	24-Aug-24	31-Aug-24	-230	MBR - Zone A - ELS Excavation (-7.65 to -9.0mPD)(3510m3)(3-4 excavators, 500m3/d)																																																																																			
<b>MBR - ELS Zone B</b>																																																																																									
<b>Excavation</b>																																																																																									
MBRAF-3570	MBR - Zone B - Preloading Strut S2 (5 cycles, 5 struts/cycle/day)	2	04-Apr-24	05-Apr-24	A	MBR - Zone B - Preloading Strut S2 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3060	MBR - Zone B - ELS Excavation (+1.75 to -1.25mPD)(7800m3)(3-4 excavators, 500m3/d)	16	16-Apr-24	27-May-24	A	MBR - Zone B - ELS Excavation (+1.75 to -1.25mPD)(7800m3)(3-4 excavators, 500m3/d)																																																																																			
MBRAF-3070	MBR - Zone B - Strut Installation S3 (-0.7mPD)(1 crane, 8welders, 24ton/d)	10	24-May-24	07-Jun-24	-242	MBR - Zone B - Strut Installation S3 (-0.7mPD)(1 crane, 8welders, 24ton/d)																																																																																			
MBRAF-3580	MBR - Zone B - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)	3	08-Jun-24	12-Jun-24	-242	MBR - Zone B - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3700	MBR - Zone B - Toe grout for 323 pipe pile	18	08-Jun-24	29-Jun-24	-177	MBR - Zone B - Toe grout for 323 pipe pile																																																																																			
MBRAF-3290	MBR - Zone B - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d)*MD	15	13-Jun-24	29-Jun-24	-242	MBR - Zone B - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-3300	MBR - Zone B - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)	12	25-Jun-24	09-Jul-24	-242	MBR - Zone B - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)																																																																																			
MBRAF-3910	MBR - Zone B - Trial pumping pit (4nos., -5 to -7.6mPD)	6	02-Jul-24	08-Jul-24	-238	MBR - Zone B - Trial pumping pit (4nos., -5 to -7.6mPD)																																																																																			
MBRAF-3590	MBR - Zone B - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)	3	10-Jul-24	12-Jul-24	-242	MBR - Zone B - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3310	MBR - Zone B - ELS Excavation (4.15 to -7.65mPD)(9100m3)(3-4 excavators, 500m3/d)*MD	18	13-Jul-24	02-Aug-24	-242	MBR - Zone B - ELS Excavation (4.15 to -7.65mPD)(9100m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-3660	MBR - Zone B - 323dia pipe pile (22nos., TL=28mPD, 1no./day/fig)	22	03-Aug-24	28-Aug-24	-242	MBR - Zone B - 323dia pipe pile (22nos., TL=28mPD, 1no./day/fig)																																																																																			
MBRAF-3920	MBR - Zone B - Trial pumping pit (4nos., -7.1 to -9.5mPD)	6	03-Aug-24	09-Aug-24	-218	MBR - Zone B - Trial pumping pit (4nos., -7.1 to -9.5mPD)																																																																																			
MBRAF-3320	MBR - Zone B - Strut Installation S5 (-7.1mPD)(1 crane, 8welders, 24ton/d)	12	21-Aug-24	03-Sep-24	-242	MBR - Zone B - Strut Installation S5 (-7.1mPD)(1 crane, 8welders, 24ton/d)																																																																																			
<b>MBR - ELS Zone C</b>																																																																																									
<b>Excavation</b>																																																																																									
MBRAF-3180	MBR - Zone C - Strut Installation S3 (-0.7mPD)(1 crane, 10welders, 24ton/d)	12	13-Apr-24	15-May-24	A	MBR - Zone C - Strut Installation S3 (-0.7mPD)(1 crane, 10welders, 24ton/d)																																																																																			
MBRAF-3620	MBR - Zone C - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)	3	16-May-24	18-May-24	A	MBR - Zone C - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3190	MBR - Zone C - ELS Excavation (-1.25 to -4.15mPD)(6960m3)(3-4 excavators, 500m3/d)*MD	10	20-May-24	04-Jun-24	-219	MBR - Zone C - ELS Excavation (-1.25 to -4.15mPD)(6960m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-3200	MBR - Zone C - Strut Installation S4 (-3.6mPD)(1 crane, 10welders, 24ton/d)	12	30-May-24	13-Jun-24	-216	MBR - Zone C - Strut Installation S4 (-3.6mPD)(1 crane, 10welders, 24ton/d)																																																																																			
MBRAF-3690	MBR - Zone C - Toe grout for 323 pipe pile	24	01-Jun-24	29-Jun-24	-177	MBR - Zone C - Toe grout for 323 pipe pile																																																																																			
MBRAF-3890	MBR - Zone C - Trial pumping pit (3nos., -5 to -7.6mPD)	6	05-Jun-24	12-Jun-24	-212	MBR - Zone C - Trial pumping pit (3nos., -5 to -7.6mPD)																																																																																			
MBRAF-3630	MBR - Zone C - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)	3	14-Jun-24	17-Jun-24	-216	MBR - Zone C - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3210	MBR - Zone C - ELS Excavation (4.15 to -7.65mPD)(8400m3)(3-4 excavators, 500m3/d)*MD	12	11-Jul-24	24-Jul-24	-235	MBR - Zone C - ELS Excavation (4.15 to -7.65mPD)(8400m3)(3-4 excavators, 500m3/d)*MD																																																																																			
MBRAF-3670	MBR - Zone C (North) - 323dia pipe pile (12nos., TL=28mPD, 1no./day/fig)	12	25-Jul-24	07-Aug-24	-224	MBR - Zone C (North) - 323dia pipe pile (12nos., TL=28mPD, 1no./day/fig)																																																																																			
MBRAF-3680	MBR - Zone C (South) - 323dia pipe pile (23nos., TL=28mPD, 1no./day/fig)	23	25-Jul-24	20-Aug-24	-235	MBR - Zone C (South) - 323dia pipe pile (23nos., TL=28mPD, 1no./day/fig)																																																																																			
MBRAF-3900	MBR - Zone C - Trial pumping pit (3nos., -7.1 to -9.5mPD)	6	25-Jul-24	31-Jul-24	-210	MBR - Zone C - Trial pumping pit (3nos., -7.1 to -9.5mPD)																																																																																			
MBRAF-3220	MBR - Zone C - Strut Installation S5 (-7.1mPD)(1 crane, 10welders, 24ton/d)	12	13-Aug-24	26-Aug-24	-235	MBR - Zone C - Strut Installation S5 (-7.1mPD)(1 crane, 10welders, 24ton/d)																																																																																			
MBRAF-3640	MBR - Zone C - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)	3	27-Aug-24	29-Aug-24	-235	MBR - Zone C - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)																																																																																			
MBRAF-3230	MBR - Zone C - ELS Excavation (-7.65 to -9.0mPD)(3240m3)(3-4 excavators, 500m3/d)	7	30-Aug-24	06-Sep-24	-235	MBR - Zone C - ELS Excavation (-7.65 to -9.0mPD)(3240m3)(3-4 excavators, 500m3/d)																																																																																			
<b>Tertiary Treatment System (TTS)</b>																																																																																									
<b>TTS Foundation and ELS</b>																																																																																									
<b>Kingpost and Working Platform</b>																																																																																									



- 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. 43- 3MRP (May 24)

Project ID : DWPr38\_240617  
 Layout : DC201910 MPR43-3MRP  
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#### Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
31-May-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	May					June					July					August					September					October					November															
						28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03																		
TTS-2180	TTS - Installation of steel deck (Center portion)	12	08-Apr-24A	16-May-24 A		TTS - Installation of steel deck (Center portion)																																													
<b>TTS Foundation and ELS Stage 2</b>																																																			
<b>TTS ELS</b>																																																			
TTS-1060	TTS - ELS Excavation (+1.15 to -1.35mPD) (14,158m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD/PD	12	05-Apr-24A	24-May-24 A		TTS - ELS Excavation (+1.15 to -1.35mPD) (14,158m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD/PD																																													
TTS-1270	TTS - Strut Installation S3 (-0.85mPD)(2 cranes, 8welders per WF, 2 WFs, 30ton/d)	15	11-Apr-24A	11-Jun-24	-244	TTS - Strut Installation S3 (-0.85mPD)(2 cranes, 8welders per WF, 2 WFs, 30ton/d)																																													
TTS-2060	TTS - Preloading Strut S3 (-0.85mPD)(4 cycles, 4 struts/cycle/day, 16 struts)	3	12-Jun-24	14-Jun-24	-244	TTS - Preloading Strut S3 (-0.85mPD)(4 cycles, 4 struts/cycle/day, 16 struts)																																													
TTS-1280	TTS - ELS Excavation (-1.35 to -3.37mPD) (11,439m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD/PD	18	15-Jun-24	06-Jul-24	-244	TTS - ELS Excavation (-1.35 to -3.37mPD) (11,439m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD/PD																																													
TTS-1290	TTS - Strut Installation S4 (-2.87mPD)(2 cranes, 8welders per WF, 2 WFs, 30ton/d)	20	20-Jun-24	13-Jul-24	-244	TTS - Strut Installation S4 (-2.87mPD)(2 cranes, 8welders per WF, 2 WFs, 30ton/d)																																													
TTS-2070	TTS - Preloading Strut S4 (-2.87mPD)(4 cycles, 4 struts/cycle/day, 16 struts)	4	15-Jul-24	18-Jul-24	-244	TTS - Preloading Strut S4 (-2.87mPD)(4 cycles, 4 struts/cycle/day, 16 struts)																																													
TTS-1300	TTS - ELS Excavation (-3.37 to -5mPD) (9,231m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD	8	19-Jul-24	27-Jul-24	-244	TTS - ELS Excavation (-3.37 to -5mPD) (9,231m3)(3-4 excavators/WF, 2 WFs, 600m3/d/WF) *MD																																													
<b>TTS Formation Level</b>																																																			
TTS-1260	TTS - Plate load test (2nos. assume 2nos non-MD area)	8	29-Jul-24	06-Aug-24	-244	TTS - Plate load test (2nos. assume 2nos non-MD area)																																													
TTS-1810	TTS - Local excavation of marine sediment (-5 to -6.3mPD, 920m3) *MD	6	29-Jul-24	03-Aug-24	-226	TTS - Local excavation of marine sediment (-5 to -6.3mPD, 920m3) *MD																																													
TTS-2080	TTS - Backfill rockfill (-6.3 to -5mPD)	12	05-Aug-24	17-Aug-24	-226	TTS - Backfill rockfill (-6.3 to -5mPD)																																													
TTS-2090	TTS - Plate load test (1no. after backfill rockfill)	8	19-Aug-24	27-Aug-24	-226	TTS - Plate load test (1no. after backfill rockfill)																																													
<b>TTS Structure</b>																																																			
<b>TTS Substructure</b>																																																			
TTS-1380	TTS - Box/Raft Foundation (-5mPD to -3.42mPD) (incl. earth mat installation)	36	07-Aug-24	17-Sep-24	-244	TTS - Box/Raft Foundation (-5mPD to -3.42mPD) (incl. earth mat installation)																																													
<b>Zone 3 Construction</b>																																																			
<b>Zone 3 North Portion (Z3N)</b>																																																			
<b>New Sudge Thickening Building (STB)</b>																																																			
<b>STB : Foundation and ELS</b>																																																			
<b>STB : Excavation and Lateral Support</b>																																																			
<b>STB : ELS Zone A and B</b>																																																			
Z3S3-5230	STB - ELS (A&B), Strut Installation S2 preload	2	12-Apr-24A	13-Apr-24A		Strut Installation S2 preload																																													
Z3S3-2450	STB - ELS (A&B), Excavation (-0.5 to -3.75mPD, 2,001m3 @ 350m3/d) *MD	6	15-Apr-24A	04-May-24 A		STB - ELS (A&B), Excavation (-0.5 to -3.75mPD, 2,001m3 @ 350m3/d) *MD																																													
Z3S3-5800	STB - ELS (A&B), Demolish remaining existing AFT (8) silent method	6	29-Apr-24A	04-May-24 A		STB - ELS (A&B), Demolish remaining existing AFT (8) silent method																																													
<b>STB : ELS Zone C</b>																																																			
Z3S3-5960	STB - ELS (C), Strut Installation S2 preload	2	26-Apr-24A	29-Apr-24A		STB - ELS (C), Strut Installation S2 preload																																													
Z3S3-5970	STB - ELS (C), Excavation (-0.5 to -3.75mPD, 500m3 @ 200m3/d) *MD	3	30-Apr-24A	09-May-24 A		STB - ELS (C), Excavation (-0.5 to -3.75mPD, 500m3 @ 200m3/d) *MD																																													
<b>STB : Civil and Structural Works</b>																																																			
<b>STB : Structure</b>																																																			
<b>STB : Structure Stage 1 (KD10)</b>																																																			
<b>STB : Substructure</b>																																																			
Z3S3-6140	STB - Stage 1 - Install capping plate and blinding	10	25-Apr-24A	18-May-24 A		STB - Stage 1 - Install capping plate and blinding																																													
Z3S3-2500	STB - Stage 1 - Pile Cap Construction (-3.55 to -0.5mPD, 2,055m) Base Slab and Wall	12	20-May-24 A	20-Jun-24	-144	STB - Stage 1 - Pile Cap Construction (-3.55 to -0.5mPD, 2,055m) Base Slab and Wall																																													
Z3S3-3670	STB - Stage 1 - Waterproof, backfill and Remove part of S2	6	21-Jun-24	27-Jun-24	-144	STB - Stage 1 - Waterproof, backfill and Remove part of S2																																													
Z3S3-2600	STB - Stage 1 - Structural Wall/Column (-0.5 to +3.5mPD) with S2 cast in	6	28-Jun-24	05-Jul-24	-144	STB - Stage 1 - Structural Wall/Column (-0.5 to +3.5mPD) with S2 cast in																																													
Z3S3-3660	STB - Stage 1 - Waterproof, backfill and Remove S1	6	06-Jul-24	12-Jul-24	-144	STB - Stage 1 - Waterproof, backfill and Remove S1																																													
Z3S3-2630	STB - Stage 1 - Structural Wall/Column (+3.5 to +6mPD) & Ground Floor Slab @ +6.0mPD	10	13-Jul-24	24-Jul-24	-144	STB - Stage 1 - Structural Wall/Column (+3.5 to +6mPD) & Ground Floor Slab @ +6.0mPD																																													
<b>STB : Superstructure</b>																																																			
Z3S3-2710	STB - Stage 1 - Structure (+6.0 to +12.5/13.5mPD) First Floor @ +13.5mPD	10	25-Jul-24	05-Aug-24	-144	STB - Stage 1 - Structure (+6.0 to +12.5/13.5mPD) First Floor @ +13.5mPD																																													
Z3S3-2740	STB - Stage 1 - Structure (+12.5/13.5 to +18.3mPD) Roof Floor @ +18.3mPD	10	06-Aug-24	16-Aug-24	-144	STB - Stage 1 - Structure (+12.5/13.5 to +18.3mPD) Roof Floor @ +18.3mPD																																													
Z3S3-3000	STB - Stage 1 - Structure (+18.3 to +21.1mPD) and remaining structure	12	17-Aug-24	30-Aug-24	319	STB - Stage 1 - Structure (+18.3 to +21.1mPD) and remaining structure																																													
Z3S3-2720	STB - Stage 1 - Construct concrete plinth for PV panel installation (48nos, 10nos/day/gang, 1gang)	5	17-Aug-24	22-Aug-24	-144	STB - Stage 1 - Construct concrete plinth for PV panel installation (48nos, 10nos/day/gang, 1gang)																																													
Z3S3-2780	STB - Stage 1 - Civil & Structural Works of Roof Floor & handover to PV's contractor	0	22-Aug-24	22-Aug-24	-144	STB - Stage 1 - Civil & Structural Works of Roof Floor & handover to PV's contractor																																													
<b>STB : Structure Stage 2 (Remaining)</b>																																																			
<b>STB : Substructure</b>																																																			
Z3S3-6170	STB - Stage 2 - Install capping plate, earth mat and blinding	12	10-May-24 A	25-May-24 A		STB - Stage 2 - Install capping plate, earth mat and blinding																																													
Z3S3-6040	STB - Stage 2 - Pile Cap Construction (-3.55 to -0.5mPD, 2,055m) Base Slab and Wall	12	27-May-24 A	20-Jun-24	-24	STB - Stage 2 - Pile Cap Construction (-3.55 to -0.5mPD, 2,055m) Base Slab and Wall																																													
Z3S3-6110	STB - Stage 2 - Waterproof, backfill and Remove part of S2	6	21-Jun-24	27-Jun-24	-24	STB - Stage 2 - Waterproof, backfill and Remove part of S2																																													
Z3S3-6050	STB - Stage 2 - Structure (-0.5 to +3.5mPD)	7	28-Jun-24	06-Jul-24	-24	STB - Stage 2 - Structure (-0.5 to +3.5mPD)																																													
Z3S3-6100	STB - Stage 2 - Waterproof, backfill and Remove S1	6	08-Jul-24	13-Jul-24	-24	STB - Stage 2 - Waterproof, backfill and Remove S1																																													
Z3S3-6060	STB - Stage 2 - Structure (+3.5 to +6mPD) Ground Floor @ +6.0mPD	12	15-Jul-24	27-Jul-24	-24	STB - Stage 2 - Structure (+3.5 to +6mPD) Ground Floor @ +6.0mPD																																													
Z3S3-6150	STB - Stage 2 - Waterproof, backfill and Remove remaining S2	5	29-Jul-24	02-Aug-24	-24	STB - Stage 2 - Waterproof, backfill and Remove remaining S2																																													
<b>STB : Superstructure</b>																																																			
Z3S3-6090	STB - Stage 2 - Structure (+6.0 to +12.5/13.5mPD) First Floor @ +13.5mPD	12	03-Aug-24	16-Aug-24	-24	STB - Stage 2 - Structure (+6.0 to +12.5/13.5mPD) First Floor @ +13.5mPD																																													
<b>STB : Water Tightness Test</b>																																																			
Z3S3-5990	STB - Concrete gain strength (slab +6mpd)	7	25-Jul-24	01-Aug-24	-31	STB - Concrete gain strength (slab +6mpd)																																													
Z3S3-6000	STB - Remove formwork and concrete defect works for water test	7	02-Aug-24	09-Aug-24	-31	STB - Remove formwork and concrete defect works for water test																																													
Z3S3-6200	STB - Water Tight Test (2 tanks) (water height=6.15m, plug=1d, fill=4d, absorption=7d, test=7d, remove=1d)	20	10-Aug-24	02-Sep-24	-31	STB - Water Tight Test (2 tanks) (water height=6.15m, plug=1d, fill=4d, absorption=7d, test=7d, remove=1d)																																													
<b>STB : ABWF</b>																																																			
Z3S3-6020	STB - Concrete gain strength (slab +13.5+18.3mPD)	7	17-Aug-24	24-Aug-24	-24	STB - Concrete gain strength (slab +13.5+18.3mPD)																																													
Z3S3-6010	STB - Remove backprop and falsework for ABWF works (+6.0+18.3mPD)	7	26-Aug-24	02-Sep-24	-24	STB - Remove backprop and falsework for ABWF works (+6.0+18.3mPD)																																													
<b>Zone 3 South Portion (Z3S)</b>																																																			
<b>Sludge Digester No. 1-3 (SD1-3)</b>																																																			
<b>SD1-3 : Foundation and ELS</b>																																																			
<b>SD1-3 : Excavation and Strut Installation</b>																																																			
<b>SD1-3 : ELS</b>																																																			
Z3S3-2150	Sludge Digester No. 1-3 - ELS Excavation (+4.3 to +1.8mPD, 6130m3 @ 1000m3/d)	6	16-Apr-24A	26-Apr-24A		Sludge Digester No. 1-3 - ELS Excavation (+4.3 to +1.8mPD, 6130m3 @ 1000m3/d)																																													
Z3S3-2190	Sludge Digester No. 1-3 - Strut Installation S2 (+2.3mPD)	7	24-Apr-24A	07-Jun-24	-243	Sludge Digester No. 1-3 - Strut Installation S2 (+2.3mPD)																																													
Z3S3-5730	Sludge Digester No. 1-3 - Preloading Strut S2 (+2.3mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	31-May-24A	08-Jun-24	-243	Sludge Digester No. 1-3 - Preloading Strut S2 (+2.3mPD)(4 cycle, 5 struts/cycle/day, 16 struts)																																													
Z3S3-2200	Sludge Digester No. 1-3 - ELS Excavation (+1.8 to -0.7mPD, 6130m3 @ 1000m3/d) *MD	6	07-Jun-24	14-Jun-24	-243	Sludge Digester No. 1-3 - ELS Excavation (+1.8 to -0.7mPD, 6130m3 @ 1000m3/d) *MD																																													
Z3S3-2210	Sludge Digester No. 1-3 - Strut Installation S3 (-0.2mPD)	7	12-Jun-24	19-Jun-24	-243	Sludge Digester No. 1-3 - Strut Installation S3 (-0.2mPD)																																													
Z3S3-5740	Sludge Digester No. 1-3 - Preloading Strut S3 (-0.2mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	20-Jun-24	24-Jun-24	-243	Sludge Digester No. 1-3 - Preloading Strut S3 (-0.2mPD)(4 cycle, 5 struts/cycle/day, 16 struts)																																													
Z3S3-2220	Sludge Digester No. 1-3 - ELS Excavation (-0.7 to -3.2mPD, 6130m3 @ 1000m3/d) *MD	6	25-Jun-24	02-Jul-24	-243	Sludge Digester No. 1-3 - ELS Excavation (-0.7 to -3.2mPD, 6130m3 @ 1000m3/d) *MD																																													
Z3S3-2230	Sludge Digester No. 1-3 - Strut Installation S4 (-2.7mPD)	7	28-Jun-24	06-Jul-24	-243	Sludge Digester No. 1-3 - Strut Installation S4 (-2.7mPD)																																													
Z3S3-5750	Sludge Digester No. 1-3 - Preloading Strut S4 (-2.7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	08-Jul-24	11-Jul-24	-243	Sludge Digester No. 1-3 - Preloading Strut S4 (-2.7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)																																													
Z3S3-2240	Sludge Digester No. 1-3 - ELS Excavation (-3.2 to -5.5mPD, 5640m3 @ 1000m3/d)	6	12-Jul-24	18-Jul-24	-243	Sludge Digester No. 1-3 - ELS Excavation (-3.2 to -5.5mPD, 5640m3 @ 1000m3/d)																																													
Z3S3-3600	Sludge Digester No. 1-3 - Strut Installation S5 (-5.0mPD)	7	16-Jul-24	23-Jul-24	-243	Sludge Digester No. 1-3 - Strut Installation S5 (-5.0mPD)																																													
Z3S3-5760	Sludge Digester No. 1-3 - Preloading Strut S5 (-5.0mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	24-Jul-24	27-Jul-24	-243	Sludge Digester No. 1-3 - Preloading Strut S5 (-5.0mPD)(4 cycle, 5 struts/cycle/day, 16 struts)																																													
Z3S3-3610	Sludge Digester No. 1-3 - ELS Excavation (-5.5 to -7.5mPD, 4904m3 @ 1000m3/d)	5	29-Jul-24	02-Aug-24	-243	Sludge Digester No. 1-3 - ELS Excavation (-5.5 to -7.5mPD, 4904m3 @ 1000m3/d)																																													
Z3S3-3620	Sludge Digester No. 1-3 - Strut Installation S6 (-7mPD)	7	01-Aug-24	08-Aug-24	-243	Sludge Digester No. 1-3 - Strut Installation S6 (-7mPD)																																													
Z3S3-5770	Sludge Digester No. 1-3 - Preloading Strut S6 (-7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	09-Aug-24	13-Aug-24	-243	Sludge Digester No. 1-3 - Preloading Strut S6 (-7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)																																													
Z3S3-3630	Sludge Digester No. 1-3 - ELS Excavation (-7.5 to -9.0mPD, 3678m3 @ 1000m3/d)	6	14-Aug-24	20-Aug-24	-243	Sludge Digester No. 1-3 - ELS Excavation (-7.5 to -9.0mPD, 3678m3 @ 1000m3/d)																																													
<b>SD1-3 : Formation Level</b>																																																			
Z3S3-5070	Sludge Digester No. 1-3 - Plate Load Test	6	21-Aug-24	27-Aug-24	-243	Sludge Digester No. 1-3 - Plate Load Test																																													
Z3S3-5570	Sludge Digester No. 1-3 - 300mm thk concrete blinding (back-prop)	2	28-Aug-24	29-Aug-24	-243	Sludge Digester No. 1-3 - 300mm thk concrete blinding (back-prop)																																													
Z3S3-5580	Sludge Digester No. 1-3 - Concrete blinding (back-prop) gain strength	4	30-Aug-24	03-Sep-24	-243	Sludge Digester No. 1-3 - Concrete blinding (back-prop) gain strength																																													
<b>Biogas Holder No. 1 (BH1)</b>																																																			



- 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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#### Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
31-May-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	May					June					July					August					September					October					November				
						28	05	12	19	26	02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03							
<b>BH1 : E&amp;M Installation</b>																																								
ATALZ3BH-2475	BH No. 1 - Tank wall (4th to 5th Ring) construction and welding	32	25-Apr-24	14-Jun-24	-104	BH No. 1 - Tank wall (4th to 5th Ring) construction and welding																																		
ATALZ3BH-1010	BH No. 1 - Installation of pipework and instrumentation in Biogas Holder Valve Chamber No.4	52	15-Jun-24	15-Aug-24	-99	BH No. 1 - Installation of pipework and instrumentation in Biogas Holder Valve Chamber No.4																																		
ATALZ3BH-1020	BH No. 1 - Instrumentation	30	15-Jun-24	20-Jul-24	-76	BH No. 1 - Instrumentation																																		
ATALZ3BH-1030	BH No. 1 - Installation of Biogas Booster Pump No.1 & 2	30	15-Jun-24	20-Jul-24	-76	BH No. 1 - Installation of Biogas Booster Pump No.1 & 2																																		
ATALZ3BH-1040	BH No. 1 - Electrical works (Cable wiring, termination, lightning arrestor) To alt. power source until LVSB@STB energiz	18	15-Jun-24	06-Jul-24	-64	BH No. 1 - Electrical works (Cable wiring, termination, lightning arrestor) To alt. power source until LVSB@STB energiz																																		
ATALZ3BH-2485	BH No. 1 - Disk assembly inside tank, raise disk, painting on both side	18	15-Jun-24	06-Jul-24	-104	BH No. 1 - Disk assembly inside tank, raise disk, painting on both side																																		
ATALZ3BH-2495	BH No. 1 - Membrane fixing and wooden planks installation	21	08-Jul-24	31-Jul-24	-104	BH No. 1 - Membrane fixing and wooden planks installation																																		
ATALZ3BH-2505	BH No. 1 - Installation of tank accessories (telescopic guide, staircase, safety valve, sensors) and touch-up paint	15	01-Aug-24	17-Aug-24	-104	BH No. 1 - Installation of tank accessories (telescopic guide, staircase, safety valve, sensors) and touch-up paint																																		
ATALZ3BH-2515	BH No. 1 - Specialist inspection on structure and membrane	4	19-Aug-24	22-Aug-24	-104	BH No. 1 - Specialist inspection on structure and membrane																																		
<b>BH1 : Testing &amp; Commissioning</b>																																								
ATALZ3BH-2070	BH No. 1 - T&C - E&MSAT of Biogas Holder No.1 (using Air to test membrane only)	15	23-Aug-24	09-Sep-24	-104	BH No. 1 - T&C - E&MSAT of Biogas Holder No.1 (using Air to test membrane only)																																		
ATALZ3BH-2090	BH No. 1 - T&C - E&MSAT of whole Biogas Holder No.1 and associated valve and pipework (N2 Purging)	20	23-Aug-24	14-Sep-24	-104	BH No. 1 - T&C - E&MSAT of whole Biogas Holder No.1 and associated valve and pipework (N2 Purging)																																		
ATALZ3BH-2100	BH No. 1 - T&C - E&MSAT of Biogas Booster Pump No.1 & 2	20	23-Aug-24	14-Sep-24	-104	BH No. 1 - T&C - E&MSAT of Biogas Booster Pump No.1 & 2																																		
<b>BH1 : Diversion Works</b>																																								
Z3S7-2060	BH No. 1 - Temporary system and associated pipeworks for switchover to new BH1 for decommission of GH2	45	16-Aug-24	09-Oct-24	-99	BH No. 1 - Temporary system and associated pipeworks for switchover to new BH1 for decommission of GH2																																		
<b>Utility Corridor and Pipe Portal (UC/PP)</b>																																								
<b>UC1 : Predrilling Works</b>																																								
Z3SSUC1-2180	UC/PP - Predrill UC&PP-PD2	6	01-Jun-24	07-Jun-24	-135	UC/PP - Predrill UC&PP-PD2																																		
Z3SSUC1-2200	UC/PP - Predrill UC&PP-PD6	6	08-Jun-24	15-Jun-24	-135	UC/PP - Predrill UC&PP-PD6																																		



- 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. 43- 3MRP (May 24)

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