

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	June 44				July 45				August 46				September 47				October 48				November 49				December 50	
						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv39_240709																															
Contract Data Part 1																															
Access Dates																															
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	757	05-Mar-21 A	22-Feb-25*	0																										
ADP3	Portion 3 (sd+1218d)	0	01-Jul-24*		-112																										
Contract Key Dates																															
CKD3	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWFPST>54,000m3/d at ADWFCivilstruct,E&M&BS (R.KD3=9May24)	0		30-Jun-24*	-52																										
CKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (Rev.KD10=28Feb24)	0		30-Jun-24*	-123																										
Environmental Constraints																															
EBS-2175	Egrets Breeding Season 2024	184	01-Mar-24 A	31-Aug-24	0																										
Planned Completion																															
Planned Key Dates																															
PKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg	0		02-Sep-24*	-187																										
PKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels)	0		25-Sep-24*	162																										
Compensation Events																															
CE422	Implementation of Compensation Event (CE) No 422 - Inclement Weather in March 2024	0		24-Jun-24 A																											
Preliminary and Preparation Works																															
Subletting																															
SUB-300	Subletting for RC works for MBR and TTB	90	15-Apr-24 A	03-Nov-24	75																										
SUB-340	Subletting for Drainage, Sewage & waterworks	90	06-Aug-24	03-Nov-24	75																										
Design Submission																															
Temporary Works Design																															
Mainstream Bio-Reactor System																															
ELS for AGS Basement Structure - design amendment for S5 below																															
TWD-1040	ELS - Resubmission for PMs & ICE review (7d prep & resub. + 21d PM & ICE review)	28	16-Apr-24 A	19-Jul-24	-307																										
TWD-1050	ELS - Obtain Approval	7	20-Jul-24	26-Jul-24	-307																										
Sludge Dewatering and Underpass																															
TWD-260	ELS - Prepare & Submission for PMs review	45	01-Jul-24	14-Aug-24	-84																										
TWD-270	ELS - Review by PMs & ICE review (28 d + 7d)	35	15-Aug-24	18-Sep-24	-84																										
TWD-280	ELS - Resubmission for PMs & ICE review (7d prep & resub. + 21d PM & ICE review)	28	19-Sep-24	16-Oct-24	-84																										
Administration Building																															
TWD-300	Open Cut Design - Prepare & Submission for PMs review	45	15-Aug-24	28-Sep-24	26																										
TWD-310	Open Cut Design - Review by PMs & ICE review (28 d + 7d)	35	29-Sep-24	02-Nov-24	26																										
Wakway Across Tai Tseng Wai Nullah																															
TWD-600	Wakway - Prepare & Submission for PMs review	45	15-Aug-24	28-Sep-24	512																										
TWD-610	Wakway - Review by PMs & ICE review (28 d + 7d)	35	29-Sep-24	02-Nov-24	512																										
Temporary diversion scheme for Early commissioning of SD, BH1, H2S and STB																															
TWD-970	Temp. pipe. for BH1 Early Comm.-Prep(90d).Sub.&Review(30d) Comment&Resub(14d)&Approval(7d)	141	30-Jun-23 A	30-Jul-24	-209																										
TWD-1010	Temp. pipe. for SD-1-2 Early Comm.-Prep(90d).Sub.&Review(30d) Comment&Resub(14d)&Approval(7d)	141	29-Dec-23 A	30-Oct-24	-209																										
Contractor's Permanent Works Design (Include ATAL)																															
AP																															
Package 3A - Plant Service Water																															
AP-520	E&MAP Report for Plant Service Water - Resubmission for further review	45	20-Dec-21 A	11-Jul-24	-120																										
AP-530	E&MAP Report for Plant Service Water - Obtain Approval	7	12-Jul-24	18-Jul-24	-120																										
DDA																															
Package 2 - Tertiary Treatment System																															
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-Jul-24	-280																										
DDA-150	Foundation for TTS - Prepare (90d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d), GEO (28d)	213	08-Oct-21 A	01-Aug-24	-38																										
DDA-180	Civil Req. for TTS (Superstruct design) - Prepare (147d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	11-Oct-21 A	17-Jul-24	-107																										
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Jul-24	-23																										
DDA-210	Electrical & Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	213	31-Dec-21 A	24-Jul-24	-23																										
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	17-Nov-22 A	16-Oct-24	111																										
DDA-160	Civil & Structural for TTS - Prepare (120d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	177	17-Nov-22 A	17-Sep-24	-123																										
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	199	30-Oct-23 A	16-Oct-24	-107																										
Package 3 - Mainstream Bio-Reactor System																															
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-Jul-24	-121																										
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Oct-21 A	17-Aug-24	81																										
DDA-300	Electrical & Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	405	08-Oct-21 A	24-Jul-24	105																										
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-Jul-24	-121																										
DDA-240	Foundation for MBS - Prepare (97d), Sub. & Review(45d), Comment & Resub.(14d), GEO (28d) & Approval (7d)	230	18-Mar-22 A	08-Oct-24	-258																										
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	170	20-Jan-23 A	27-Oct-24	-112																										
DDA-1530	VCAB for AGS&TTS - Prepare (30d), Sub. & Review(30d)	204	16-Jun-23 A	21-Oct-24	-67																										
DDA-310	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	142	01-Jul-24	19-Nov-24	-14																										
Package 5A - Master Water Meter Room																															
DDA-390	P&ID for MVMC - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	64	26-Jun-23 A	05-Nov-24	197																										
DDA-400	Mechanical for MVMC - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	220	30-Oct-23 A	05-Nov-24	673																										
DDA-410	Electrical & Control for MVMC - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	220	30-Oct-23 A	05-Nov-24	673																										
Package 5B - Plant Service Water (PSW)																															
DDA-1050	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	126	12-Jun-21 A	15-Sep-24	-119																										
DDA-1040	Piping & Instrumentation Diagram (P&ID) - Prep(30d), Sub.&Review(28d), Comment&Resub(14d)&Approval(7d)	220	26-Jun-23 A	20-Nov-24	-142																										
DDA-1060	Electrical & Control for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	143	01-Jul-24	20-Nov-24	-142																										
DDA-1070	Mechanical for PSW - Prep(60d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	143	01-Jul-24	20-Nov-24	-142																										
Package 6 - Sludge Thickening Chemical and Dosing System																															
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	16-Jul-24	-7																										
DDA-440	Civil & Struct for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	250	09-Nov-21 A	20-Aug-24	-42																										
DDA-440B	Civil Req. for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	300	15-Nov-21 A	08-Jul-24	63																										
DDA-1130	Mechanical for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	340	16-Nov-21 A	14-Sep-24	63																										
DDA-1140	Electrical & Control for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	315	30-Nov-21 A	31-Jul-24	63																										
DDA-1520	Mechanical Ventilation and Air conditional System Design for Sludge Thickening Building (STB)	320	16-Jun-22 A	14-Sep-24	153																										
DDA-1510	Plumbing and Drainage System Design for Sludge Thickening Building (STB)	320	07-Jul-22 A	14-Sep-24	153																										
DDA-1500	Fire Services Design for Sludge Thickening Building (STB)	320	08-Jul-22 A	28-Sep-24	139																										
DDA-1150	Building Services for STCDS - Prepare (60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	126	24-Oct-22 A	28-Aug-24	-7																										



█ 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. 44- 3MRP (Jun-24)

Project ID : DWPr39_240709
 Layout : DC201910 MPR44-3MRP
 Page 1 of 8

Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Jun-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	June				July				August				September				October				November				December			
						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	01	08
Package 7 - CLP Substation and 11kV Switchgear House						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-480 UPS System for CLP Sub & 11kV Switchgear Hse - Prepare (102d), Sub. & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 9 - Inlet Work (IW)						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1200 Electrical & Control for Inlet Work - Prepare (28d), Sub. & Review(28d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 10 - Primary Sedimentation Tank (PST)						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1250 Electrical & Control for PST - Prepare (28d), Sub. & Review(28d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 11 - Control and Monitoring System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-580 Power Quality & Energy Management System (PQEMS) - Prep(28d), Sub & Review(28d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 12 - Chemical System for STB						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-650 Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 13 - Pipework System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-660 Pipeworks System for Sludge Thickening Building (STB) - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 14 - Sludge Anaerobic Digestion System (SDT)						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1320 Electrical & Control for SDT & UC/PP - Prepare (65d), Sub. & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 15 - Biogas H2S Removal, Storage and Delivery System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1390 Building Services for Biogas H2S Removal System - Prepare(28d), Sub & Review(28d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 16 - Deodorization Unit System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1420 Mechanical for DOU No. 1 - Prepare(28d), Sub & Review(28d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 17 - Sludge Dewatering Building (SDB)						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-910 Roof Rainwater Collection System for SDB - Prep(60d), Sub & Review(45d), Comment & Resub(21d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 18 - Miscellaneous						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-540 Civil & Structural for Misc, Manholes, Draw Pits Fence Wall - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 19 - Elevated Walkways						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-710 Civil & Structural for Elevated Walkways - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d), GEO(28d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 20 - Trellis						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-720 Civil & Structural for Trellis - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 21 - Steel Working Platform						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-730 Civil & Structural for Steel Working Platform - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 22 - Sampling System of YLEPP						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-740 Sampling System for W&PST - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 23 - Security, Public Address and Communication System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-750 SPC site-wide ACS - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Package 24 - Administration Building (ADB)						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-0960 Architectural for Administration Building (ADB) - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Design out of ATAL's Scope						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>DDA-1540 Drainage systems at base slab / foundation levels - Prep(60d), Sub & Review(45d), Comment & Resub(14d) & Approval(7d)</p> </div> <div style="width: 80%;"> </div> </div>																											
Technical Submission						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>SUBM-1070 Submit review approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft</p> </div> <div style="width: 80%;"> </div> </div>																											
AGS and TTS system						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>SUBM-1220 Submit review approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft</p> </div> <div style="width: 80%;"> </div> </div>																											
Sludge Thickening System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>SUBM-1250 Submit review approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft</p> </div> <div style="width: 80%;"> </div> </div>																											
Sludge Digestion System						<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>SUBM-1310 Submit review approval Operation and Maintenance (O&M) Manuals and Installation Manuals - 1st draft</p> </div> <div style="width: 80%;"> </div> </div>																											



- 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. 44- 3MRP (Jun 24)

Project ID : DWPr39_240709
 Layout : DC201910 MPR44-3MRP
 Page 2 of 8

Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
30-Jun-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	June		July		August		September		October		November		December									
						44		45		46		47		48		49		50									
						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27
Modification of Existing Emergency Bypass Chamber																											
Emergency Bypass Chamber - Foundation and ELS																											
IW-3200	IW - Modification of Existing Emergency Bypass Chamber - Site clearance and mobilization of sheetpile and grouting	11	22-May-24	09-Jul-24	-245	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/1rig)	18	10-Jul-24	30-Jul-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Sheet Piles Installation (1,283m2, 60m2/day/1rig)																					
IW-3470	IW - Modification of Existing Emergency Bypass Chamber - Diagonal grouting at existing chamber	18	10-Jul-24	30-Jul-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Diagonal grouting at existing chamber																					
IW-3190	IW - Modification of Existing Emergency Bypass Chamber - Pumping test	5	31-Jul-24	05-Aug-24	-245	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	06-Aug-24	08-Aug-24	-245	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	09-Aug-24	15-Aug-24	-245	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	16-Aug-24	20-Aug-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 2nd layer +3.5 to +1.0mPD (633m3)																					
IW-3090	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ +1.5mPD	6	21-Aug-24	27-Aug-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ +1.5mPD																					
IW-3340	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 3rd layer +1.0 to -2.0mPD (759m3)	4	28-Aug-24	31-Aug-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Excavation: 3rd layer +1.0 to -2.0mPD (759m3)																					
IW-3350	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ -1.5mPD	6	02-Sep-24	07-Sep-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Strut installation @ -1.5mPD																					
IW-3360	IW - Modification of Existing Emergency Bypass Chamber - Excavation: FEL -2.0 to -3.8mPD (84m3)	2	09-Sep-24	10-Sep-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Excavation: FEL -2.0 to -3.8mPD (84m3)																					
IW-3370	IW - Modification of Existing Emergency Bypass Chamber - Backfill rockfill to -2.0mPD	3	11-Sep-24	13-Sep-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Backfill rockfill to -2.0mPD																					
IW-3380	IW - Modification of Existing Emergency Bypass Chamber - Remove S3	2	14-Sep-24	16-Sep-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Remove S3																					
IW-3390	IW - Modification of Existing Emergency Bypass Chamber - Backfill rockfill to -1.3mPD	3	17-Sep-24	20-Sep-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Backfill rockfill to -1.3mPD																					
Emergency Bypass Chamber - Pipe laying																											
IW-3100	IW - Modification of Existing Emergency Bypass Chamber - Excavation: FEL +1.0 to -0.9mPD (481 m3)	6	28-Aug-24	03-Sep-24	-213	IW - Modification of Existing Emergency Bypass Chamber - Excavation: FEL +1.0 to -0.9mPD (481 m3)																					
IW-1280	IW - Modification of Existing Emergency Bypass Chamber - 1200mm Pipe Laying, connect to IW & Backfilling	40	04-Sep-24	23-Oct-24	-213	IW - Modification of Existing Emergency Bypass Chamber - 1200mm Pipe Laying, connect to IW & Backfilling																					
Emergency Bypass Chamber - Structural Modification																											
IW-3140	IW - Modification of Existing Emergency Bypass Chamber - Install bulkhead at existing chamber	24	04-Sep-24	03-Oct-24	-197	IW - Modification of Existing Emergency Bypass Chamber - Install bulkhead at existing chamber																					
IW-3110	IW - Modification of Existing Emergency Bypass Chamber - Construct base slab	12	21-Sep-24	05-Oct-24	-245	IW - Modification of Existing Emergency Bypass Chamber - Construct base slab																					
Modification of Existing Inspection Chamber & Inlet Effluent Pipes from NSWSPS																											
IW-1310	Modification of Existing Inspection Chamber - Sheet Piles Installation (1,020m2, 40m2/day/1 rig)	21	28-Aug-24	21-Sep-24	-259	Modification of Existing Inspection Chamber - Sheet Piles Installation (1,020m2, 40m2/day/1 rig)																					
IW-1320	Modification of Existing Inspection Chamber - ELS & Excavation Works	25	23-Sep-24	23-Oct-24	-259	Modification of Existing Inspection Chamber - ELS & Excavation Works																					
Inlet Works (IW)																											
IW Foundation & ELS Works																											
IW Basement																											
IW Basement RC Works																											
IW Zone A/D																											
Z1-IW-6890	IW(A/D) - Remove S1	3	10-Jun-24	14-Jun-24		IW(A/D) - Remove S1																					
Z1-IW-6250	IW(A/D) - GF Slab of Falseworks, Formworks and RC Works (+3.95/+4.95 mPD)	9	15-Jun-24	12-Jul-24	-273	IW(A/D) - GF Slab of Falseworks, Formworks and RC Works (+3.95/+4.95 mPD)																					
Z1-IW-6770	IW(A/D) - Remove formwork, concrete defect works (below S2)	8	13-Jul-24	22-Jul-24	-52	IW(A/D) - Remove formwork, concrete defect works (below S2)																					
Z1-IW-6780	IW(A/D) - Water proof, concrete backfill (below S2)	8	23-Jul-24	31-Jul-24	-52	IW(A/D) - Water proof, concrete backfill (below S2)																					
Z1-IW-6900	IW(A/D) - Remove S2	3	01-Aug-24	03-Aug-24	-52	IW(A/D) - Remove S2																					
Z1-IW-6910	IW(A/D) - Water proof, concrete backfill (to ground level)	3	05-Aug-24	07-Aug-24	-52	IW(A/D) - Water proof, concrete backfill (to ground level)																					
Water Tightness Test for IW Basement																											
Z1-IW-6550	IWB - Concrete develop strength (IW Zone A +4.95 slab)	7	13-Jul-24	20-Jul-24	-273	IWB - Concrete develop strength (IW Zone A +4.95 slab)																					
Z1-IW-6560	IWB - Strike formwork and make good for water tightness test	7	22-Jul-24	29-Jul-24	-273	IWB - Strike formwork and make good for water tightness test																					
Z1-IW-4100	IWB - Water Tightness Test Phase 1	18	30-Jul-24	19-Aug-24	-273	IWB - Water Tightness Test Phase 1																					
Z1-IW-4110	IWB - Water Tightness Test Phase 2	18	20-Aug-24	09-Sep-24	-273	IWB - Water Tightness Test Phase 2																					
Z1-IW-4120	IWB - Water Tightness Test Phase 3	18	10-Sep-24	02-Oct-24	-269	IWB - Water Tightness Test Phase 3																					
IW Civil and Structural Works																											
IW Superstructure																											
RC Works																											
Zone C																											
Zone C3																											
Z1-IW-6740	IWS (C) - Zone C3 - Wall & Column (+3.95/+4.95 to +7.835) & Slab of Falseworks, Formworks and RC Works (+7.835mPD)	12	07-May-24	08-Jun-24		IWS (C) - Zone C3 - Wall & Column (+3.95/+4.95 to +7.835) & Slab of Falseworks, Formworks and RC Works (+7.835mPD)																					
Z1-IW-6840	IWS (C) - Zone C3 - Wall & Column (+7.835 to +11.8) & Intermediate Slab of Falseworks, Formworks and RC Works (+11.8mPD)	12	10-Jun-24	06-Jul-24	-211	IWS (C) - Zone C3 - Wall & Column (+7.835 to +11.8) & Intermediate Slab of Falseworks, Formworks and RC Works (+11.8mPD)																					
Z1-IW-6750	IWS (C) - Zone C3 - Wall & Column (+11.8 to +18.2) & Roof Slab of Falseworks, Formworks and RC Works (+18.2mPD)	12	08-Jul-24	20-Jul-24	-211	IWS (C) - Zone C3 - Wall & Column (+11.8 to +18.2) & Roof Slab of Falseworks, Formworks and RC Works (+18.2mPD)																					
Zone D+A1																											
Z1-IW-6520	IWS (D) - Wall, column and intermediate slab RC Works (+3.95 to +7.835/+8.2mPD) *grit trap (+5mPD) late cast	12	22-May-24	12-Jul-24	-254	IWS (D) - Wall, column and intermediate slab RC Works (+3.95 to +7.835/+8.2mPD) *grit trap (+5mPD) late cast																					
Z1-IW-6490	IWS (D) - Intermediate Slab (+7.84/+8.2mPD) and grit trap (+5mPD) RC Works	13	13-Jul-24	27-Jul-24	1090	IWS (D) - Intermediate Slab (+7.84/+8.2mPD) and grit trap (+5mPD) RC Works																					
Z1-IW-6500	IWS (D) - Wall, column (+7.835/+8.2 to +11.8mPD) and 1/F slab RC Works (+11.8mPD)	12	13-Jul-24	26-Jul-24	-254	IWS (D) - Wall, column (+7.835/+8.2 to +11.8mPD) and 1/F slab RC Works (+11.8mPD)																					
Z1-IW-6540	IWS (D) - Wall, column (+11.8 to +18.2mPD) and Roof Slab RC Works (+18.2mPD)	16	27-Jul-24	14-Aug-24	-254	IWS (D) - Wall, column (+11.8 to +18.2mPD) and Roof Slab RC Works (+18.2mPD)																					
Zone A2+A3																											
Z1-IW-4090	IWS (A) - Intermediate Slab of Falseworks, Formworks and RC Works (+7.84/+8.2mPD)	13	13-Jul-24	27-Jul-24	-268	IWS (A) - Intermediate Slab of Falseworks, Formworks and RC Works (+7.84/+8.2mPD)																					
Z1-IW-4145	IWS (A) - Wall Erection of Formworks and RC Works (+7.84/+8.2mPD)	6	13-Jul-24	19-Jul-24	-268	IWS (A) - Wall Erection of Formworks and RC Works (+7.84/+8.2mPD)																					
Z1-IW-4160	IWS (A) - Wall Erection of Formworks and RC Works (+11.8mPD)	6	29-Jul-24	03-Aug-24	-268	IWS (A) - Wall Erection of Formworks and RC Works (+11.8mPD)																					
Z1-IW-4195	IWS (A) - 1/F Slab of Falseworks, Formworks and RC Works (+11.8mPD)	13	29-Jul-24	12-Aug-24	-268	IWS (A) - 1/F Slab of Falseworks, Formworks and RC Works (+11.8mPD)																					
Z1-IW-4200	IWS (A) - Wall Erection of Formworks and RC Works (+18.2mPD)	6	13-Aug-24	19-Aug-24	-259	IWS (A) - Wall Erection of Formworks and RC Works (+18.2mPD)																					
Z1-IW-4215	IWS (A) - Roof Slab of Falseworks, Formworks and RC Works (+18.2mPD)	13	13-Aug-24	27-Aug-24	-259	IWS (A) - Roof Slab of Falseworks, Formworks and RC Works (+18.2mPD)																					
Water Tightness Test for IW Superstructure																											
Z1-IW-6570	IWB - Concrete develop strength (IW Zone A +11.8 slab)	7	13-Aug-24	19-Aug-24	-331	IWB - Concrete develop strength (IW Zone A +11.8 slab)																					
Z1-IW-6580	IWB - Strike formwork and make good for water tightness test	7	20-Aug-24	26-Aug-24	-331	IWB - Strike formwork and make good for water tightness test																					
Z1-IW-4240	IWS - Water Tightness Test Phase 1 *calendar day	18	27-Aug-24	13-Sep-24	-331	IWS - Water Tightness Test Phase 1 *calendar day																					
Z1-IW-4250	IWS - Water Tightness Test Phase 2 *calendar day	18	14-Sep-24	01-Oct-24	-331	IWS - Water Tightness Test Phase 2 *calendar day																					
IW ABWF Works																											
IW ABWF Works 1st fix for E&M handover																											
IW ABWF Works - Zone A/D																											
Below +11.8mPD																											
Wet Area																											
IW-3230	Inlet Work - Lining at inlet channel chamber coarse screen channel wetwell at 4.9/-1.6/+0.5mPD	7	10-Sep-24	17-Sep-24	-273	Inlet Work - Lining at inlet channel chamber coarse screen channel wetwell at 4.9/-1.6/+0.5mPD																					
Dry Area																											
IW-3310	Inlet Work - Concrete gain strength (+11.8mPD) and Remove formwork and falsework (basement to +11.8mPD)	14	13-Aug-24	28-Aug-24	-268	Inlet Work - Concrete gain strength (+11.8mPD) and Remove formwork and falsework (basement to +11.8mPD)																					
IW-2780	Inlet Work - ABWF Works 1st fix @ Ground Floor (basement to +11.8mPD)	12	29-Aug-24	11-Sep-24	-268	Inlet Work - ABWF Works 1st fix @ Ground Floor (basement to +11.8mPD)																					
Above +11.8mPD																											
IW-3480	Inlet Work - Concrete gain strength (Zone D, +18.3mPD) and Remove formwork and falsework (Zone D, +18.3mPD)	12	15-Aug-24	28-Aug-24	-254	Inlet Work - Concrete gain strength (Zone D, +18.3mPD) and Remove formwork and falsework (Zone D, +18.3mPD)																					
IW-3320	Inlet Work - Concrete gain strength (Zone A, +18.3mPD) and Remove formwork and falsework (Zone A, +18.3mPD)	14	28-Aug-24	12-Sep-24	-259	Inlet Work - Concrete gain strength (Zone A, +18.3mPD) and Remove formwork and falsework (Zone A, +18.3mPD)																					
IW-3500	Inlet Work - ABWF Works 1st fix @ First Floor (Zone D, +11.8 to +18.3mPD)	10	29-Aug-24	09-Sep-24	-254	Inlet Work - ABWF Works 1st fix @ First Floor (Zone D, +11.8 to +18.3mPD)																					
IW-3010	Inlet Work - ABWF Works 1st fix @ First Floor (Zone A, +11.8 to +18.3mPD)	12	13-Sep-24	27-Sep-24	-259	Inlet Work - ABWF Works 1st fix @ First Floor (Zone A, +11.8 to +18.3mPD)																					
IW ABWF Works - Zone C																											
IW-3210	Inlet Work - ABWF Works 1st fix for DOU installation (+6.0/+18.3mPD)	7	27-Jan-24	03-Jul-24	-201	Inlet Work - ABWF Works 1st fix for DOU installation (+6.0/+18.3mPD)																					
IW ABWF Works final fix																											
IW-3260	Inlet Work - ABWF Works final fix below +11.8mPD	90	12-Sep-24	31-Dec-24	-225	Inlet Work - ABWF Works final fix below +11.8mPD																					



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

Monthly Progress Report No. 44- 3MRP (Jun 24)

Project ID : DWPr39_240709
Layout : DC201910 MPR44-3MRP
Page 4 of 8

Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
30-Jun-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	June 44				July 45				August 46				September 47				October 48				November 49				December 50			
						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	01	08
IW-3250	InletWork -ABWF Works final fixabove +11.8mPD	90	28-Sep-24	16-Jan-25	-238																												
WABWF Works - Roof																																	
IW-2990	InletWork - Construct concrete plinth for PV panel (526nos, 11nos/day/gang, 2gangs)	24	28-Aug-24	25-Sep-24	131																												
IW-3030	InletWork -ABWF Works @ External Wall	120	11-Sep-24	07-Feb-25	553																												
IW-3000	InletWork -ABWF Works @ Roof Floor (+18.3mPD)	50	26-Sep-24	25-Nov-24	611																												
IW BS Works																																	
ATAL-1520	MVAC Works	100	10-Sep-24	10-Jan-25	-233																												
ATAL-1530	ELV Works	100	10-Sep-24	10-Jan-25	-257																												
ATAL-1540	P&D Works	100	10-Sep-24	10-Jan-25	-233																												
ATAL-1550	EL Works	100	10-Sep-24	10-Jan-25	-257																												
ATAL-1560	F.S. Works	100	10-Sep-24	10-Jan-25	-233																												
IW Transformer House No. 1																																	
IW Tx1 E&M Works																																	
IW-2840	TX House No. 1 - BS & Transformer Installation	32	25-Mar-24 A	01-Aug-24	-189																												
IW-3330	TX House No. 1 - Power On	0	02-Aug-24		-203																												
IW E&M Works																																	
ATAL-1760	IW - E&M Handover @ below +11.8mPD (Zone C, DOU)	0		03-Jul-24	-201																												
ATAL-1780	IW - E&M Handover @ below +18.3mPD (Zone D)	0		09-Sep-24	-254																												
ATAL-0000	IW - E&M Handover @ below +11.8mPD (Zone AD)	0		17-Sep-24	-273																												
Pre-treatment Zone (Below 11.8 mPD)																																	
Penstock & Stoplogs x 34 sets at inlet, Coarse Screen Channels																																	
ATAL-1150	Unloading of Penstock & Stoplogs x34 Nos	10	19-Sep-24	30-Sep-24	-270																												
ATAL-1152	Penstock x17 Nos	48	19-Sep-24	15-Nov-24	-258																												
ATAL-1154	Stoplogs x17 Nos	48	19-Sep-24	15-Nov-24	-270																												
Fixed Bar Screens c/w grab unit x 2 Sets																																	
ATAL-1180	Fixed Bar Screens c/w grab unit x2 Sets	65	19-Sep-24	05-Dec-24	-269																												
Lifting Appliance																																	
ATAL-1210	Lifting Appliance	50	19-Sep-24	18-Nov-24	-264																												
DOU-01 System -01*																																	
ATAL-1170	LALG Installation	30	04-Jul-24	07-Aug-24	-201																												
ATAL-1250	DOU Equipment Installation	45	08-Aug-24	30-Sep-24	-201																												
LV Switch Room (W + PST)*																																	
ATAL-1790	BS works for LV switch room	14	10-May-24 A	16-Jul-24	-234																												
ATAL-1270	LVS Installation	36	17-Jul-24	27-Aug-24	-234																												
ATAL-1300	PLC Panel Installation	36	17-Jul-24	27-Aug-24	-217																												
ATAL-1310	Station Installation	36	17-Jul-24	27-Aug-24	-234																												
ATAL-1320	UPS System	36	17-Jul-24	27-Aug-24	-211																												
ATAL-1280	Incoming Cable Containment & Cabling Works from TX No. 1 to LVSB	24	31-Jul-24	27-Aug-24	-234																												
ATAL-1290	Termination Works (TX to LVSB)	6	28-Aug-24	03-Sep-24	-217																												
ATAL-1330	energization & SAT of LVSB@W	7	04-Sep-24	11-Sep-24	-217																												
Electrical Works																																	
ATAL-1340	IW - Electrical - Cable Containment Installation - LVSB to Equipment	36	19-Sep-24	01-Nov-24	-273																												
ATAL-1350	IW - Electrical - Local Control Panel Installation	30	19-Sep-24	25-Oct-24	-252																												
ATAL-1380	IW - Electrical - Installation of Termination Box	30	19-Sep-24	25-Oct-24	-252																												
ATAL-1370	IW - Electrical - Cabling Works	30	26-Sep-24	01-Nov-24	-270																												
Instrumentation & SCADA Works																																	
ATAL-1420	IW - Instrument & SCADA - Cable Containment Installation - PLC Panel to Equipment	80	19-Sep-24	23-Dec-24	-273																												
ATAL-1430	IW - Instrument & SCADA - Cabling Works	75	26-Sep-24	24-Dec-24	-210																												
Primary Sedimentation Tank (PST)																																	
PST Stage 2b Basement Construction Works																																	
Excavation Works																																	
Z1-PST4832	PST Stage 2b - ELS, Sheetpile mobilization and installation	21	28-Aug-24	21-Sep-24	-108																												
Z1-PST3900	PST Stage 2b - Excavation Level (+4.5 to +0.5 mPD)	6	23-Sep-24	28-Sep-24	-108																												
PST ABWF, E&M & T&C																																	
PST Stage 1 - Early T&C																																	
Temp Pumping System T&C*																																	
ATALPST-6900	PST Stage 1 - Temp T&C for Decommission of Existing PST 3 Reliability & Performance Test (Sewage)	14	02-May-24 A	24-May-24 A																													
ATALPST-6510	PST Stage 1 - Ready for Decommission of Existing PST 1, 2 Reliability & Performance Test (Sewage) (no T&C required)	0		25-May-24 A																													
PST Stage 1																																	
PST Stage 1 - ABWF Works																																	
GLA-H above +11.8mPD																																	
PST3136	PST Stage 1 - ABWF Works (wall renders spray=1d, let dry=5d) at +11.8/+18.15mPD	6	28-Sep-24	05-Oct-24	-131																												
PST Stage 1 - E&M Installation Works																																	
Phase 1 (GLA-H, PST 1-3, Outlet Channel)																																	
PST Stage 1 - E&M Installation Works at Setting Zone (PST 1-3)																																	
PST 1																																	
PST 1 - Inclined Plate Settling System																																	
PST3325	PST Stage 1 - PST1 - Installation of removable walkway at +9.2mPD	7	09-Aug-24	16-Aug-24	-195																												
ATALPST-4	PST Stage 1 - PST1 - Water Spray Pipe and Nozzle Installation c/w pressure test & inspection	12	17-Aug-24	30-Aug-24	-197																												
PST 1 - Bottom Scraper System																																	
ATALPST-4	PST Stage 1 - PST1 - Wet Test (Fresh water) (7d)	3	01-Jun-24 A	15-Jun-24 A																													
PST 1 - Compressors, Air blowers c/w associated fittings																																	
ATALPST-54	PST Stage 1 - PST1 - All other process pipes above 11.8mPD including DO Pipes, Plant Service Water Pipes, Air Pipe	24	31-Aug-24	28-Sep-24	-197																												
PST 2																																	
PST 2 - Inclined Plate Settling System																																	
PST3355	PST Stage 1 - PST2 Installation of removable walkway at +9.2mPD	7	02-Jul-24	09-Jul-24	-171																												
ATALPST-4	PST Stage 1 - PST2 - Water Spray Pipe and Nozzle Installation c/w pressure test & inspection	21	10-Jul-24	02-Aug-24	-173																												
PST 2 - Bottom Scraper System																																	
ATALPST-4	PST Stage 1 - PST2 Wet Test (Fresh water) (7d)	7	17-Jun-24 A	29-Jun-24 A																													
PST 2 - Scum Collection System																																	
ATALPST-68	PST Stage 1 - PST2 - Scum Scraper/Scum Collection Pipe & All other process pipework at inspection platform level	25	01-May-24 A	08-Jun-24 A																													
PST 2 - Compressors, Air blowers c/w associated fittings																																	
ATALPST-68	PST Stage 1 - PST2 - All other process pipes above 11.8mPD including DO Pipes, Plant Service Water Pipes, Air Pipe	26	03-Aug-24	02-Sep-24	-174																												
PST 3																																	
PST 3 - Inclined Plate Settling System																																	
PST3335	PST Stage 1 - PST3 Installation of removable walkway at +9.2mPD	7	01-Aug-24*	08-Aug-24	-195																												
ATALPST-4	PST Stage 1 - PST3 - Water Spray Pipe and Nozzle Installation c/w pressure test & inspection	12	09-Aug-24	22-Aug-24	-190																												
PST 3 - Compressors, Air blowers c/w associated fittings																																	



- Remaining Level of Eff...
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- ◆ Milestone

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

Monthly Progress Report No. 44- 3MRP (Jun 24)

Project ID : DWPr39_240709
 Layout : DC201910 MPR44-3MRP
 Page 5 of 8

Monthly Progress Report - 3MRP

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30-Jun-24	Rev. 0		

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						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	01	08		
ATALPST-67	PST Stage 1 - PST3 - All other process pipes above 11.8mPD including DO Pipes, Plant Service Water Pipes, Air Pipe	25	23-Aug-24	21-Sep-24	-190	PST Stage 1 - PST3 - All other process pipes above 11.8mPD including DO Pipes, Plant Service Water Pipes, Air Pipe																													
Phase 2 (GLH-4 (Inlet Channel Pump Room) Handover for PST early commissioning)																																			
PST Stage 1 - Compressors, Air blowers & associated fittings																																			
ATALPST-677	PST Stage 1 - GLH-4 - All other process pipes above 11.8 mPD including DO Pipes, Plant Service Water Pipes, Air Pipe	32	31-Aug-24	09-Oct-24	-196	PST Stage 1 - GLH-4 - All other process pipes above 11.8 mPD including DO Pipes, Plant Service Water Pipes, Air Pipe																													
PST Stage 1 - Electrical Works (PST 1-3, Inlet/Outlet Channel & Pump Room)																																			
ATALPST-56	PST Stage 1 - Electrical Works - Cable Containment Installation - LVSB@W to Equipment	25	10-Sep-24	10-Oct-24	-224	PST Stage 1 - Electrical Works - Cable Containment Installation - LVSB@W to Equipment																													
PST Stage 1 - Instrumentation & SCADA Works (PST 1-3, Inlet/Outlet Channel & Pump Room)																																			
ATALPST-57	PST Stage 1 - SCADA - Cable Containment Installation - LVSB@W to Equipment	37	10-Sep-24	25-Oct-24	-251	PST Stage 1 - SCADA - Cable Containment Installation - LVSB@W to Equipment																													
PST Stage 1 - BS Works (PST 1-3, Inlet/Outlet Channel & Pump Room)																																			
ATALPST-576	PST Stage 1 - ELV Works	85	02-Jul-24	11-Oct-24	387	PST Stage 1 - ELV Works																													
ATALPST-578	PST Stage 1 - EL Works	85	02-Jul-24	11-Oct-24	299	PST Stage 1 - EL Works																													
ATALPST-579	PST Stage 1 - FS Works	85	06-Aug-24	15-Nov-24	357	PST Stage 1 - FS Works																													
ATALPST-577	PST Stage 1 - P&D Works	85	10-Sep-24	20-Dec-24	327	PST Stage 1 - P&D Works																													
PST Stage 1 - T&C Works																																			
PST Stage 1 - T&C Works (PST 1-3, Inlet/Outlet Channel & Pump Room)																																			
Phase 1 - PST 1-3 Sub-System Physical Dry Check																																			
ATALPST-58	PST Stage 1 - Energization	7	04-Sep-24	11-Sep-24	-174	PST Stage 1 - Energization																													
Phase 3 - PST 1-3 Sub-System Wet Test (On load Performance, Endurance Test) (Fresh Water)																																			
ATALPST-69	PST Stage 1 - Inlet Pump Room/Outlet Wet Test (Fresh water)	4	24-Jun-24	29-Jun-24		PST Stage 1 - Inlet Pump Room/Outlet Wet Test (Fresh water)																													
External Works - Inlet Work and Primary Sedimentation Tank Perimeter																																			
MPST External Works - Zone A (Transformer House No.1)																																			
Stage 1 (KD3)																																			
EW-1710	MPST Perimeter - Cabling works from DSD11KV to Tx1 for KD3	6	26-Jul-24	01-Aug-24	-189	MPST Perimeter - Cabling works from DSD11KV to Tx1 for KD3																													
Sludge Dewatering Building (SDB)																																			
SDB Foundation & ELS - Stage 1																																			
SDB Preliminaries for Foundation Works																																			
Demolition of Existing PST1, 2, 3, 4																																			
SDB-1880	SDB - Trial pit/trench and UU Diversion for sheetpile and driven h-pile works	96	04-Dec-23 A	03-Jul-24	-60	SDB - Trial pit/trench and UU Diversion for sheetpile and driven h-pile works																													
SDB-1310	Access Date to Portion 3	0		30-May-24 A		Access Date to Portion 3																													
Demolition of Existing PST1&3																																			
SDB-1960	SDB - Decommissioning of Existing PST 1	6	25-May-24 A	29-May-24 A		SDB - Decommissioning of Existing PST 1																													
SDB-1970	SDB - Demolition of Existing PST 1&3	18	30-May-24 A	06-Jul-24	-72	SDB - Demolition of Existing PST 1&3																													
SDB-1980	SDB - Backfilling of Existing PST 1&3	3	20-Jun-24 A	10-Jul-24	-72	SDB - Backfilling of Existing PST 1&3																													
Demolition of Existing PST2																																			
SDB-1810	SDB - Decommissioning of Existing PST 2 & remaining chamber&pipe	6	25-May-24 A	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	04-Jun-24 A	13-Jul-24	-72	SDB - Demolition of Existing PST 2 & remaining chamber&pipe																													
SDB-1830	SDB - Backfilling of Existing PST 2 & remaining chamber&pipe	3	15-Jul-24	17-Jul-24	-72	SDB - Backfilling of Existing PST 2 & remaining chamber&pipe																													
Strengthening Works of Existing Detritor																																			
SDB-2090	SDB - Strengthening Works of Existing Detritor - Design submission and approval (PM& ICE review 28d (1st)+28d(resub))	56	01-May-24 A	20-Jun-24 A		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 A	20-Jun-24 A		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	21-Jun-24 A	25-Jun-24 A		SDB - Strengthening Works of Existing Detritor - Minipile mobilization																													
SDB-2120	SDB - Strengthening Works of Existing Detritor - Construct minipile (2nos.)	14	26-Jun-24 A	10-Jul-24	-22	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	-22	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	-22	SDB - Strengthening Works of Existing Detritor - A&A works of existing diversion chamber																													
SDB Foundation - PST 1-4 Footprint																																			
SDB Foundation - Driven H-Pile																																			
SDB-2080	SDB - Driven H-piles 2nd mobilization (after existing PST demolished)	6	11-Jul-24	17-Jul-24	-72	SDB - Driven H-piles 2nd mobilization (after existing PST demolished)																													
SDB-1170	SDB - Driven H-piles (SDB299nos., 17342m @ 48m/drlng, 5ngs after PST1,2,3& remaining chamber&pipe demolish)	79	18-Jul-24	21-Oct-24	-72	SDB - Driven H-piles (SDB299nos., 17342m @ 48m/drlng, 5ngs after PST1,2,3& remaining chamber&pipe demolish)																													
SDB-2060	SDB - Driven H-piles (SDB6nos., 348m @ 48m/drlng, 1rig after existing Detritor modification works)	8	12-Aug-24	20-Aug-24	-22	SDB - Driven H-piles (SDB6nos., 348m @ 48m/drlng, 1rig after existing Detritor modification works)																													
External Works																																			
Walkway Across Tai Tseng Wai Nullah																																			
CLP-1720	Walkway - Predrl (1 nos. MAPD4) additional	12	02-Jul-24	15-Jul-24	1089	Walkway - Predrl (1 nos. MAPD4) additional																													
CLP-1730	Walkway - Predrl (1 nos. MAPD5) additional	12	16-Jul-24	29-Jul-24	1089	Walkway - Predrl (1 nos. MAPD5) additional																													
Zone 2 Construction																																			
Demolition Works																																			
Other Existing Pumping Stations																																			
Auxiliary Pumping Stations																																			
ZT-150B20	Demolition of Auxiliary Pumping Station (19) below ground silent method	60	01-May-24 A	10-Aug-24	-231	Demolition of Auxiliary Pumping Station (19) below ground silent method																													
Mainstream Bio-Reactor & Auxiliary Facility (MBR and AF)																																			
MBR and AF Structure																																			
MBR - ELS Excavation & Demolition stage 2																																			
MBR - ELS Zone A																																			
Excavation and Demolition																																			
MBRAF-3490	MBR - Zone A - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)	2	05-Jun-24 A	06-Jun-24 A		MBR - Zone A - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)																													
MBRAF-1670	MBR - Zone A - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d) *MD	15	07-Jun-24 A	10-Jul-24	-249	MBR - Zone A - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d) *MD																													
MBRAF-3650	MBR - Zone A - 323dia pipe pile (AP)(13nos., TL=28mPD, 1no./day/rig)	13	11-Jul-24	25-Jul-24	-249	MBR - Zone A - 323dia pipe pile (AP)(13nos., TL=28mPD, 1no./day/rig)																													
MBRAF-3930	MBR - Zone A - Trial pumping pit (4nos., -5 to -7.6mPD) & Stage 1b Pumping Test (to -9.0mPD)	8	11-Jul-24	19-Jul-24	-229	MBR - Zone A - Trial pumping pit (4nos., -5 to -7.6mPD) & Stage 1b Pumping Test (to -9.0mPD)																													
MBRAF-1680	MBR - Zone A - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)	12	26-Jul-24	08-Aug-24	-249	MBR - Zone A - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)																													
MBRAF-3710	MBR - Zone A - Toe grout for 323 pipe pile (AG)	12	26-Jul-24	08-Aug-24	-242	MBR - Zone A - Toe grout for 323 pipe pile (AG)																													
MBRAF-3500	MBR - Zone A - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)	3	09-Aug-24	12-Aug-24	-249	MBR - Zone A - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)																													
MBRAF-4050	MBR - Zone A - ELS Early Excavation (-4.1 to -8.3mPD)(3-4 excavators, 500m3/d)	6	09-Aug-24	15-Aug-24	-242	MBR - Zone A - ELS Early Excavation (-4.1 to -8.3mPD)(3-4 excavators, 500m3/d)																													
MBRAF-1690	MBR - Zone A - ELS Excavation (-4.15 to -8.3mPD)(9100m3)(3-4 excavators, 500m3/d) *MD	17	13-Aug-24	31-Aug-24	-249	MBR - Zone A - ELS Excavation (-4.15 to -8.3mPD)(9100m3)(3-4 excavators, 500m3/d) *MD																													
MBRAF-1700	MBR - Zone A - Strut Installation S5 (-7.8mPD)(1 crane, 8welders, 24ton/d)	12	24-Aug-24	06-Sep-24	-249	MBR - Zone A - Strut Installation S5 (-7.8mPD)(1 crane, 8welders, 24ton/d)																													
MBRAF-3940	MBR - Zone A - Trial pumping pit (4nos., -7.1 to -9.5mPD)	6	02-Sep-24	07-Sep-24	-247	MBR - Zone A - Trial pumping pit (4nos., -7.1 to -9.5mPD)																													
MBRAF-3510	MBR - Zone A - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)	3	07-Sep-24	10-Sep-24	-249	MBR - Zone A - Preloading Strut S5 (5 cycles, 5 struts/cycle/day)																													
MBRAF-1710	MBR - Zone A - ELS Excavation (-8.3 to -9.0mPD)(3510m3)(3-4 excavators, 500m3/d)	7	11-Sep-24	19-Sep-24	-249	MBR - Zone A - ELS Excavation (-8.3 to -9.0mPD)(3510m3)(3-4 excavators, 500m3/d)																													
MBR - ELS Zone B																																			
Excavation																																			
MBRAF-3070	MBR - Zone B - Strut Installation S3 (-0.7mPD)(1 crane, 8welders, 24ton/d)	10	24-May-24 A	19-Jun-24 A		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	20-Jun-24 A	22-Jun-24 A		MBR - Zone B - Preloading Strut S3 (5 cycles, 5 struts/cycle/day)																													
MBRAF-3290	MBR - Zone B - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d) *MD	15	24-Jun-24 A	13-Jul-24	-261	MBR - Zone B - ELS Excavation (-1.25 to -4.15mPD)(7540m3)(3-4 excavators, 500m3/d) *MD																													
MBRAF-3660	MBR - Zone B - 323dia pipe pile (BP)(22nos., TL=28mPD, 1no./day/rig)	22	15-Jul-24	08-Aug-24	-261	MBR - Zone B - 323dia pipe pile (BP)(22nos., TL=28mPD, 1no./day/rig)																													
MBRAF-3910	MBR - Zone B - Trial pumping pit (4nos., -5 to -7.6mPD)	6	15-Jul-24	20-Jul-24	-230	MBR - Zone B - Trial pumping pit (4nos., -5 to -7.6mPD)																													
MBRAF-3300	MBR - Zone B - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)	12	09-Aug-24	22-Aug-24	-261	MBR - Zone B - Strut Installation S4 (-3.6mPD)(1 crane, 8welders, 24ton/d)																													
MBRAF-3700	MBR - Zone B - Toe grout for 323 pipe pile (BG)	18	09-Aug-24	29-Aug-24	-260	MBR - Zone B - Toe grout for 323 pipe pile (BG)																													
MBRAF-3590	MBR - Zone B - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)	3	23-Aug-24	26-Aug-24	-261	MBR - Zone B - Preloading Strut S4 (5 cycles, 5 struts/cycle/day)																													
MBRAF-3310	MBR - Zone B - ELS Excavation (-4.15 to -8.3mPD)(9100m3)(3-4 excavators, 500m3/d) *MD	18	27-Aug-24	16-Sep-24	-261	MBR - Zone B - ELS Excavation (-4.15 to -8.3mPD)(9100m3)(3-4 excavators, 500m3/d) *MD																													



■ 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. 44- 3MRP (Jun 24)

Project ID : DWPr39_240709
 Layout : DC201910 MPR44-3MRP
 Page 6 of 8

Monthly Progress Report - 3MRP			
Date	Revision	Checked	Approved
30-Jun-24	Rev. 0		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	June					July					August					September					October					November					December	
						44					45					46					47					48					49					50	
						02	09	16	23	30	07	14	21	28	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	01	08				
SD1-3 : Excavation and Strut Installation																																					
SD1-3 : ELS																																					
Z3S3-5730	Sludge Digester No. 1-3 - Preloading Strut S2 (+2.3mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	31-May-24 A	08-Jun-24 A		[Gantt bar: 31-May-24 to 08-Jun-24]																															
Z3S3-2200	Sludge Digester No. 1-3 - ELS Excavation (+1.8 to -0.7mPD, 6130m3 @ 1000m3/d) *MD	6	05-Jun-24 A	21-Jun-24 A		[Gantt bar: 05-Jun-24 to 21-Jun-24]																															
Z3S3-2210	Sludge Digester No. 1-3 - Strut Installation S3 (-0.2mPD)	7	14-Jun-24 A	13-Jul-24	-255	[Gantt bar: 14-Jun-24 to 13-Jul-24]																															
Z3S3-5740	Sludge Digester No. 1-3 - Preloading Strut S3 (-0.2mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	12-Jul-24	16-Jul-24	-255	[Gantt bar: 12-Jul-24 to 16-Jul-24]																															
Z3S3-2220	Sludge Digester No. 1-3 - ELS Excavation (-0.7 to -3.2mPD, 6130m3 @ 1000m3/d) *MD	6	15-Jul-24	20-Jul-24	-255	[Gantt bar: 15-Jul-24 to 20-Jul-24]																															
Z3S3-2230	Sludge Digester No. 1-3 - Strut Installation S4 (-2.7mPD)	12	18-Jul-24	31-Jul-24	-255	[Gantt bar: 18-Jul-24 to 31-Jul-24]																															
Z3S3-5750	Sludge Digester No. 1-3 - Preloading Strut S4 (-2.7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	30-Jul-24	02-Aug-24	-255	[Gantt bar: 30-Jul-24 to 02-Aug-24]																															
Z3S3-2240	Sludge Digester No. 1-3 - ELS Excavation (-3.2 to -5.5mPD, 5640m3 @ 1000m3/d)	6	01-Aug-24	07-Aug-24	-255	[Gantt bar: 01-Aug-24 to 07-Aug-24]																															
Z3S3-3600	Sludge Digester No. 1-3 - Strut Installation S5 (-5.0mPD)	12	05-Aug-24	17-Aug-24	-255	[Gantt bar: 05-Aug-24 to 17-Aug-24]																															
Z3S3-5760	Sludge Digester No. 1-3 - Preloading Strut S5 (-5.0mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	16-Aug-24	20-Aug-24	-255	[Gantt bar: 16-Aug-24 to 20-Aug-24]																															
Z3S3-3610	Sludge Digester No. 1-3 - ELS Excavation (-5.5 to -7.5mPD, 4904m3 @ 1000m3/d)	6	19-Aug-24	24-Aug-24	-255	[Gantt bar: 19-Aug-24 to 24-Aug-24]																															
Z3S3-3620	Sludge Digester No. 1-3 - Strut Installation S6 (-7mPD)	12	22-Aug-24	04-Sep-24	-255	[Gantt bar: 22-Aug-24 to 04-Sep-24]																															
Z3S3-5770	Sludge Digester No. 1-3 - Preloading Strut S6 (-7mPD)(4 cycle, 5 struts/cycle/day, 16 struts)	4	03-Sep-24	06-Sep-24	-255	[Gantt bar: 03-Sep-24 to 06-Sep-24]																															
Z3S3-3630	Sludge Digester No. 1-3 - ELS Excavation (-7.5 to -9.0mPD, 3678m3 @ 1000m3/d)	6	05-Sep-24	11-Sep-24	-255	[Gantt bar: 05-Sep-24 to 11-Sep-24]																															
SD1-3 : Formation Level																																					
Z3S3-5070	Sludge Digester No. 1-3 - Plate Load Test	6	12-Sep-24	19-Sep-24	-255	[Gantt bar: 12-Sep-24 to 19-Sep-24]																															
Z3S3-5570	Sludge Digester No. 1-3 - 300mm thick concrete blinding (back-prop)	2	20-Sep-24	21-Sep-24	-255	[Gantt bar: 20-Sep-24 to 21-Sep-24]																															
Z3S3-5580	Sludge Digester No. 1-3 - Concrete blinding (back-prop) gain strength	4	23-Sep-24	26-Sep-24	-255	[Gantt bar: 23-Sep-24 to 26-Sep-24]																															
Z3S3-5590	Sludge Digester No. 1-3 - Remove S6	3	27-Sep-24	30-Sep-24	-255	[Gantt bar: 27-Sep-24 to 30-Sep-24]																															
Biogas Holder No. 1 (BH1)																																					
BH1 : E&M Installation																																					
ATALZ3BH-1010	BH No. 1 - Installation of pipework and instrumentation in Biogas Holder Valve Chamber No.4	52	26-Jun-24 A	30-Aug-24	-106	[Gantt bar: 26-Jun-24 to 30-Aug-24]																															
ATALZ3BH-1020	BH No. 1 - Instrumentation	30	02-Jul-24	05-Aug-24	-84	[Gantt bar: 02-Jul-24 to 05-Aug-24]																															
ATALZ3BH-1030	BH No. 1 - Installation of Biogas Booster Pump No.1 & 2	30	02-Jul-24	05-Aug-24	-84	[Gantt bar: 02-Jul-24 to 05-Aug-24]																															
ATALZ3BH-1040	BH No. 1 - Electrical works (Cable wiring, termination, lightning arrester)(To all power source until LVSB@STB energiz)	18	02-Jul-24	22-Jul-24	-72	[Gantt bar: 02-Jul-24 to 22-Jul-24]																															
ATALZ3BH-2485	BH No. 1 - Disk assembly inside tank, raise disk, painting on both side	18	02-Jul-24	22-Jul-24	-112	[Gantt bar: 02-Jul-24 to 22-Jul-24]																															
ATALZ3BH-2495	BH No. 1 - Membrane fixing and wooden planks Installation	21	23-Jul-24	15-Aug-24	-112	[Gantt bar: 23-Jul-24 to 15-Aug-24]																															
ATALZ3BH-2505	BH No. 1 - Installation of tank accessories (telescopic guide, staircase, safety valve, sensors) and touch-up paint	15	16-Aug-24	02-Sep-24	-112	[Gantt bar: 16-Aug-24 to 02-Sep-24]																															
ATALZ3BH-2515	BH No. 1 - Specialist inspection on structure and membrane	4	03-Sep-24	06-Sep-24	-112	[Gantt bar: 03-Sep-24 to 06-Sep-24]																															
BH1 : Testing & Commissioning																																					
ATALZ3BH-2070	BH No. 1 - T&C - E&MSAT of Biogas Holder No.1 (using Air to test membrane only)	15	07-Sep-24	25-Sep-24	-112	[Gantt bar: 07-Sep-24 to 25-Sep-24]																															
ATALZ3BH-2090	BH No. 1 - T&C - E&MSAT of whole Biogas Holder No.1 and associated valve and pipework (N2 Purging)	20	07-Sep-24	02-Oct-24	-112	[Gantt bar: 07-Sep-24 to 02-Oct-24]																															
ATALZ3BH-2100	BH No. 1 - T&C - E&MSAT of Biogas Booster Pump No.1 & 2	20	07-Sep-24	02-Oct-24	-112	[Gantt bar: 07-Sep-24 to 02-Oct-24]																															
BH1 : Diversion Works																																					
Z3S7-2060	BH No. 1 - Temporary system and associated pipeworks for switchover to new BH1 for decommission of GH2	45	31-Aug-24	25-Oct-24	-106	[Gantt bar: 31-Aug-24 to 25-Oct-24]																															
Utility Corridor and Pipe Portal (UC/PP)																																					
Utility Corridor No. 1 (UC1)																																					
UC1 : Pre-drilling Works																																					
Z3SSUC1-2180	UC/PP - Pre-drill UC&PP-PD2	6	02-Jul-24	08-Jul-24	-152	[Gantt bar: 02-Jul-24 to 08-Jul-24]																															
Z3SSUC1-2200	UC/PP - Pre-drill UC&PP-PD6	6	09-Jul-24	15-Jul-24	-152	[Gantt bar: 09-Jul-24 to 15-Jul-24]																															



- 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. 44- 3MRP (Jun 24)

Project ID : DWPr39_240709
 Layout : DC201910 MPR44-3MRP
 Page 8 of 8

Monthly Progress Report - 3MRP

Date	Revision	Checked	Approved
30-Jun-24	Rev. 0		