


Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																																												
<b>YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme</b>								2202	27-Oct-20 A	09-Nov-27	30-Nov-21	09-Nov-27	0																																																																														
UPDATE-R7	Data Date DWP Revision 7	0		30-Oct-21 A		09-Nov-27		◆ Data Date DWP Revision 7																																																																																			
UPDATE-R18	Data Date DWP Revision 8	0		30-Nov-21 A		09-Nov-27		◆ Data Date DWP Revision 8																																																																																			
<b>Contract Data Part 1</b>								2569	27-Oct-20 A	09-Nov-27	01-Dec-21	09-Nov-27	0																																																																														
<b>Commencement Date</b>								2569	27-Oct-20 A	09-Nov-27	01-Dec-21	09-Nov-27	0																																																																														
CD1	Contract Date	0		27-Oct-20 A		01-Dec-21																																																																																					
CD2	Starting Date	0		09-Nov-20 A		01-Dec-21																																																																																					
CD3	Contract Completion	0		09-Nov-26		09-Nov-26																																																																																					
CD4	Establishment Period (12 months)	0		09-Nov-27		09-Nov-27																																																																																					
CD5	Defect Date (12 months)	0		09-Nov-27		09-Nov-27																																																																																					
<b>Access Dates</b>								1599	09-Nov-20 A	27-Mar-25	01-Dec-21	09-Nov-27	957																																																																														
ADP1	Portion 1 (sd)	0		09-Nov-20 A		30-Dec-21																																																																																					
ADWA1	Work Area WA1 (sd)	0		09-Nov-20 A		01-Dec-21																																																																																					
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	365		05-Mar-21 A	04-Mar-22*	01-Dec-21	04-Mar-22	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal																																																																																			
ADP2	Portion 2 (sd+211d)	0		08-Jun-21 A		09-Nov-27																																																																																					
ADP3A	Portion 3A (sd+301d)	0		06-Sep-21 A		09-Nov-27																																																																																					
ADP5	Portion 5 (sd+944d)	0		11-Jun-23*		11-Jun-23		◆ Portion 5 (sd+944d)																																																																																			
ADP3	Portion 3 (sd+1218d)	0		11-Mar-24*		10-Mar-24		◆ Portion 3 (sd+1218d)																																																																																			
ADP4	Portion 4 (sd+1599d)	0		27-Mar-25*		27-Mar-25		◆ Portion 4 (sd+1599d)																																																																																			
<b>Contract Key Dates</b>								1765	07-Apr-21 A	05-Feb-26	08-Jan-24	09-Nov-27	641																																																																														
CKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0		07-Apr-21 A		09-Nov-27		◆ KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)																																																																																			
CKD2	KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)	0		06-May-21 A		09-Nov-27		◆ KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)																																																																																			
CKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)	0		08-Jan-24*		08-Jan-24		◆ KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)																																																																																			
CKD3	KD3 - Early Commissioning of Inlet Works 100,000m <sup>3</sup> /d at ADWF, PST > 54,000m <sup>3</sup> /d at ADWF, Civil, struct., E&M & BS (11 Mar 24)	0		11-Mar-24*		11-Mar-24		◆ KD3 - Early Commissioning of Inlet Works 100,000m <sup>3</sup> /d at ADWF, PST > 54,000m <sup>3</sup> /d at ADWF, Civil, struct., E&M & BS (11 Mar 24)																																																																																			
CKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)	0		08-Jan-25*		08-Jan-25		◆ KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)																																																																																			
CKD8	KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)	0		08-Jul-25*		08-Jul-25		◆ KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)																																																																																			
CKD9	KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)	0		06-Nov-25*		06-Nov-25		◆ KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)																																																																																			
CKD7	KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)	0		08-Jan-26*		08-Jan-26		◆ KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)																																																																																			
CKD4	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities > 60,000m <sup>3</sup> /d at ADWF (5 Feb 26)	0		05-Feb-26*		05-Feb-26		◆ KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities > 60,000m <sup>3</sup> /d at ADWF (5 Feb 26)																																																																																			
CKD6	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)	0		05-Feb-26*		05-Feb-26		◆ KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)																																																																																			
<b>Contract Section Completion</b>								1494	06-Oct-22	08-Nov-26	06-Oct-22	08-Nov-26	0																																																																														
CSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)	0		06-Oct-22*		06-Oct-22		◆ Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)																																																																																			
CSC2	Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)	0		08-Nov-26*		08-Nov-26		◆ Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)																																																																																			
CSC3	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0		08-Nov-26*		08-Nov-26		◆ Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																																																			
<b>Environmental Constraints</b>								1969	09-Nov-20 A	31-Mar-26	02-Dec-21	09-Nov-27	587																																																																														
NMM-2135	PS 1.105A Noise Mitigation Measures 2020-2021	143		09-Nov-20 A	31-Mar-21 A	09-Nov-27	09-Nov-27	noise Mitigation Measures 2020-2021																																																																																			
EBS-2145	Egrets Breeding Season 2021	184		01-Mar-21 A	31-Aug-21 A	02-Dec-21	02-Dec-21	Egrets Breeding Season 2021																																																																																			
EBS-2155	Egrets Breeding Season 2022	184		01-Mar-22*	31-Aug-22	01-Mar-22	01-Aug-22	Egrets Breeding Season 2022																																																																																			
NMM-2155	PS 1.105A Noise Mitigation Measures 2022-2023	151		01-Nov-22*	31-Mar-23	01-Nov-22	31-Mar-23	PS 1.105A Noise Mitigation Measures 2022-2023																																																																																			
EBS-2165	Egrets Breeding Season 2023	184		01-Mar-23*	31-Aug-23	01-Mar-23	31-Aug-23	Egrets Breeding Season 2023																																																																																			
NMM-2165	PS 1.105A Noise Mitigation Measures 2023-2024	152		01-Nov-23*	31-Mar-24	01-Nov-23	31-Mar-24	PS 1.105A Noise Mitigation Measures 2023-2024																																																																																			
EBS-2175	Egrets Breeding Season 2024	184		01-Mar-24*	31-Aug-24	01-Mar-24	31-Aug-24	Egrets Breeding Season 2024																																																																																			
NMM-2175	PS 1.105A Noise Mitigation Measures 2024-2025	151		01-Nov-24*	31-Mar-25	01-Nov-24	31-Mar-25	PS 1.105A Noise Mitigation Measures 2024-2025																																																																																			
EBS-2185	Egrets Breeding Season 2025	183		02-Mar-25*	31-Aug-25	02-Mar-25	31-Aug-25	Egrets Breeding Season 2025																																																																																			
NMM-2185	PS 1.105A Noise Mitigation Measures 2025-2026	151		01-Nov-25*	31-Mar-26	01-Nov-25	31-Mar-26	PS 1.105A Noise Mitigation Measures 2025-2026																																																																																			
<b>Planned Completion</b>								2041	07-Apr-21 A	08-Nov-26	06-Oct-22	09-Nov-27	365																																																																														
<b>Planned Key Dates</b>								1765	07-Apr-21 A	05-Feb-26	08-Jan-24	09-Nov-27	641																																																																														
PKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0		07-Apr-21 A		09-Nov-27		◆ KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)																																																																																			
PKD2	KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)	0		06-May-21 A		09-Nov-27		◆ KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)																																																																																			
PKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)	0		16-Dec-23*		08-Jan-24	23	◆ KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)																																																																																			
PKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)	0		18-Dec-23*		08-Jan-25	387	◆ KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)																																																																																			
PPKD3	KD3 - Early Commissioning of Inlet Works 100,000m <sup>3</sup> /d at ADWF, PST > 54,000m <sup>3</sup> /d at ADWF, Civil, struct., E&M & BS (11 Mar 24)	0		11-Mar-24*		11-Mar-24	0	◆ KD3 - Early Commissioning of Inlet Works 100,000m <sup>3</sup> /d at ADWF, PST > 54,000m <sup>3</sup> /d at ADWF, Civil, struct., E&M & BS (11 Mar 24)																																																																																			
PKD7	KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)	0		16-Apr-25*		08-Jan-26	267	◆ KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)																																																																																			
PKD8	KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)	0		08-Jul-25*		08-Jul-25	0	◆ KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)																																																																																			
PKD9	KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)	0		06-Oct-25*		06-Nov-25	31	◆ KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)																																																																																			
PKD6	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)	0		04-Feb-26*		05-Feb-26	1	◆ KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)																																																																																			
PPKD4	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities > 60,000m <sup>3</sup> /d at ADWF (5 Feb 26)	0		05-Feb-26*		05-Feb-26	0	◆ KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities > 60,000m <sup>3</sup> /d at ADWF (5 Feb 26)																																																																																			
<b>Planned Section Completion</b>								1546	15-Aug-22	08-Nov-26	06-Oct-22	08-Nov-26	0																																																																														
PSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)	0		15-Aug-22*		06-Oct-22	52	◆ Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)																																																																																			
PSC2	Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)	0		07-Nov-26*		08-Nov-26	1	◆ Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)																																																																																			
PSC3	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0		08-Nov-26*		08-Nov-26	0	◆ Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																																																			
<b>Notification of Compensation Events</b>								0	22-Jul-26	22-Jul-26	22-Jul-26	22-Jul-26	0																																																																														
NCE5	Impacted KD4 due to NCE No. 005 (11 May 2021)	0		22-Jul-26*		22-Jul-26	0	◆ Impacted KD4 due to NCE No. 005 (11 May 2021)																																																																																			
<b>Preliminary and Preparation Works</b>								1751	27-Oct-20 A	31-May-26	01-Dec-21	09-Nov-27	451																																																																														
<b>Subletting</b>								682	27-Oct-20 A	08-Sep-22	01-Dec-21	09-Nov-27	1887																																																																														
SUB-110	Prebid - Ground Investigation Works	0		27-Oct-20 A		09-Nov-27		ation Works																																																																																			
SUB-120	Prebid - Demolition of existing building and structure	0		27-Oct-20 A		01-Apr-22		isting building and structure																																																																																			
SUB-130	Prebid - Design, Supply and Installation of Noise Barrier and Bird Curtain	0		27-Oct-20 A		09-Nov-27		nd Installation of Noise Barrier and Bird Curtain																																																																																			
SUB-140	Prebid - Piling works for Inlet works and PST	0		27-Oct-20 A		25-Jul-22		let works and PST																																																																																			
SUB-150	Prebid - E&M works	0		27-Oct-20 A		12-Mar-24																																																																																					
SUB-160	Submit/Approve Sub-letting Procedures	60		09-Nov-20 A	07-Jan-21 A	01-Dec-21	01-Dec-21	b-letting Procedures																																																																																			
SUB-180	Subletting for MIC works	40		08-Jan-21 A	16-Feb-21 A	01-Dec-21	01-Dec-21	C works																																																																																			
SUB-190	Subletting for Landscaping works	30		08-Jan-21 A	06-Feb-21 A	30-Dec-21	30-Dec-21	dscaping works																																																																																			



**Paul Y**  
保華-中國中鐵聯營體  
PAUL Y.-CREC JOINT VENTURE

- Remaining Level of Effort
- DWP Rev.7
- Actual Work
- Remaining Work
- Critical Remaining Work

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

### Detailed Works Programme

Project ID : DWP.DPr8\_211130a  
 Layout : DC201913 DWP rev.8  
 Page 1 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		











Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022			2023			2024			2025			2026			2027			2028				
								Q4	Q1	Q2	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2	Q3	Q1	Q2
<b>Material Submission, Procurement, Manufacturing and Delivery</b>								300	09-Nov-20 A	05-Dec-21	20-Dec-21	08-Nov-27	2164																	
PRE-240	Submit/Procure/Manufacture/Deliver TTS & Auxillary Facility Equip.	270	09-Nov-20 A	01-Dec-21	19-Dec-23	19-Dec-23	748																							
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.	270	09-Nov-20 A	01-Dec-21	08-Nov-27	08-Nov-27	2168																							
PRE-210	Submit/Procure/Manufacture/Deliver New Inlet Works Equip.	180	09-Nov-20 A	07-May-21 A	10-Dec-22	10-Dec-22																								
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.	180	09-Nov-20 A	07-May-21 A	20-Oct-22	20-Oct-22																								
PRE-250	Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks	300	09-Nov-20 A	05-Dec-21	07-Mar-24	11-Mar-24	827																							
PRE-260	Submit/Procure/Manufacture/Deliver Diversion Works	44	09-Nov-20 A	22-Dec-20 A	20-Dec-21	20-Dec-21																								
<b>Site Establishment Works</b>								1432	09-Nov-20 A	05-Jun-25	13-Dec-21	09-Nov-27	759																	
PG-100	Prepare/Submit Supplementary Contamination Assessment Plan (CAP)	12	21-Dec-20 A	06-Jan-21 A	09-Nov-27	09-Nov-27																								
PG-120	Procurement Asbestos Specialist	30	21-Dec-20 A	19-Jan-21 A	04-May-22	04-May-22																								
PG-110	Approved Supplementary CAP	30	07-Jan-21 A	05-Feb-21 A	09-Nov-27	09-Nov-27																								
PG-130	Submit/Approve Methos Statement for Asbestos Treatment and Removal	30	20-Jan-21 A	18-Feb-21 A	04-May-22	04-May-22																								
<b>Portion 1 - IW Stage 1, PST, MBR, AF, TTS, STCS, Utilities Corridor, Pipe Portal</b>								147	09-Nov-20 A	14-May-21 A	30-Dec-21	09-Nov-27																		
P1-100	Portion 1 - Initial Survey and Record, Underground Utilities Detection	60	09-Nov-20 A	20-Jan-21 A	30-Dec-21	30-Dec-21																								
P1-120	Portion 1 - Land Contamination Site Investigation	13	06-Feb-21 A	27-Feb-21 A	09-Nov-27	09-Nov-27																								
P1-110	Portion 1 - Installation of Water Barriers, Clearance, Hoal Road and Temp Facilities	48	08-Feb-21 A	15-Apr-21 A	30-Dec-21	30-Dec-21																								
P1-200	Portion 1 - Asbestos Survey	18	19-Feb-21 A	11-Mar-21 A	04-May-22	04-May-22																								
P1-130	Portion 1 - Submit/Approve CAR and RAP	18	01-Mar-21 A	20-Mar-21 A	09-Nov-27	09-Nov-27																								
P1-210	Portion 1 - Asbestos Removal	48	12-Mar-21 A	12-May-21 A	04-May-22	04-May-22																								
P1-140	Portion 1 - Carry out RAP	24	22-Mar-21 A	22-Apr-21 A	09-Nov-27	09-Nov-27																								
P1-150	Portion 1 - Submit Remediation Report	18	23-Apr-21 A	14-May-21 A	09-Nov-27	09-Nov-27																								
<b>Portion 2 - IW Stage 2</b>								92	08-Jun-21 A	30-Oct-21 A	09-Nov-27	09-Nov-27																		
P2-100	Portion 2 - Initial Survey and Record, Underground Utilities Detection	12	08-Jun-21 A	22-Jun-21 A	09-Nov-27	09-Nov-27																								
P2-110	Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	08-Jun-21 A	22-Jun-21 A	09-Nov-27	09-Nov-27																								
P2-120	Portion 2 - Land Contamination Site Investigation	18	14-Jul-21 A	30-Oct-21 A	09-Nov-27	09-Nov-27																								
P2-140	Portion 2 - Carry out RAP	24	19-Jul-21 A	26-Aug-21 A	09-Nov-27	09-Nov-27																								
P2-150	Submit Remediation Report	7	27-Aug-21 A	27-Aug-21 A	09-Nov-27	09-Nov-27																								
<b>Portion 3 - PST, SDB, Admin. Bldg</b>								69	02-Feb-24	04-May-24	17-Feb-24	13-May-24	7																	
P3-100	Portion 3 - Initial Survey and Record, Underground Utilities Detection	12	02-Feb-24	22-Feb-24	17-Feb-24	01-Mar-24	7																							
P3-110	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	17	02-Feb-24	28-Feb-24	17-Feb-24	07-Mar-24	7																							
P3-120	Portion 3 - Land Contamination Site Investigation	10	29-Feb-24	11-Mar-24	08-Mar-24	19-Mar-24	7																							
P3-140	Portion 3 - Carry out RAP	24	12-Mar-24	12-Apr-24	20-Mar-24	20-Apr-24	7																							
P3-150	Portion 3 - Submit Remediation Report	18	13-Apr-24	04-May-24	22-Apr-24	13-May-24	7																							
<b>Portion 4 - EVA</b>								54	27-Mar-25	05-Jun-25	16-Apr-26	20-Jun-26	307																	
P4-100	Portion 4 - Initial Survey and Record, Underground Utilities Detection	12	27-Mar-25	10-Apr-25	06-Jun-26	20-Jun-26	349																							
P4-110	Portion 4 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	27-Mar-25	10-Apr-25	06-Jun-26	20-Jun-26	349																							
P4-120	Portion 4 - Land Contamination Site Investigation	12	27-Mar-25	10-Apr-25	16-Apr-26	29-Apr-26	307																							
P4-140	Portion 4 - Carry out RAP	24	11-Apr-25	14-May-25	30-Apr-26	29-May-26	307																							
P4-150	Portion 4 - Submit Remediation Report	18	15-May-25	05-Jun-25	30-May-26	20-Jun-26	307																							
<b>Portion 5 - Walkway</b>								12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697																	
P5-100	Portion 5 - Initial Survey and Record, Underground Utilities Detection	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697																							
P5-110	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697																							
<b>Temporary Transomer 1600A</b>								64	23-Aug-21 A	22-Feb-22	13-Dec-21	22-Feb-22	0																	
1600A-0010	Site Inspection and Design Submission Preparation	10	23-Aug-21 A	03-Sep-21 A	16-Dec-21	16-Dec-21																								
1600A-0020	Design review and MS Submission & Approval	8	30-Aug-21 A	08-Sep-21 A	16-Dec-21	16-Dec-21																								
1600A-0030	Trial Holes Opening & UU Facility Checking	2	08-Sep-21 A	10-Sep-21 A	16-Dec-21	16-Dec-21																								
1600A-0040	Site Clearing, Flatten & Formation	27	10-Sep-21 A	15-Oct-21 A	16-Dec-21	16-Dec-21																								
1600A-0050	Cable Diversion for UU Cables	11	18-Oct-21 A	30-Oct-21 A	16-Dec-21	16-Dec-21																								
1600A-0060	Substation Trench Excavation	3	13-Dec-21*	15-Dec-21	13-Dec-21	15-Dec-21	0																							
1600A-0070	Rebar Fixing and RC Works (Trench & Floor Slab); Scaffolding Works for Platform	30	16-Dec-21	22-Jan-22	16-Dec-21	22-Jan-22	0																							
1600A-0080	ABWF & E&M works	14	24-Jan-22	15-Feb-22	24-Jan-22	15-Feb-22	0																							
P5-160	LV switchboard metering (Finish On or Before 24-Dec-21)	7	24-Jan-22	07-Feb-22	12-Feb-22	19-Feb-22	11																							
1600A-0090	Defects Rectification	4	16-Feb-22	19-Feb-22	16-Feb-22	19-Feb-22	0																							
P5-140	CLP Inspection	2	21-Feb-22	22-Feb-22	21-Feb-22	22-Feb-22	0																							
P5-150	Energization of Temporary Transomer	0		22-Feb-22*		22-Feb-22	0																							
<b>PM and Contractor Accomodation</b>								272	18-Feb-21 A	31-Dec-21	01-Dec-21	09-Nov-27	1832																	
<b>Project Manager's &amp; Contractor Site Accomodation</b>								249	18-Feb-21 A	15-Dec-21	01-Dec-21	09-Nov-27	1746																	
PMCA-110	Design and Procurement of MiC	45	18-Feb-21 A	15-Apr-21 A	01-Dec-21	01-Dec-21																								
PMCA-140	Submission and approved MS & PMAC	18	16-Apr-21 A	07-May-21 A	01-Dec-21	01-Dec-21																								
<b>MiC Section</b>								66	31-Aug-21 A	15-Dec-21	25-Oct-27	09-Nov-27	1746																	
PMCA-150	Construction of Pad Footing	6	31-Aug-21 A	06-Sep-21 A	25-Oct-27	25-Oct-27																								
PMCA-160	Construction of Sewage pipeworks and Septic Tank	17	07-Sep-21 A	27-Sep-21 A	25-Oct-27	25-Oct-27																								
PMCA-170	Construction of G/F Structure Works	16	09-Sep-21 A	20-Oct-21 A	25-Oct-27	25-Oct-27																								
PMCA-210	Installation of E&M and ABWF Works	12	11-Oct-21 A	01-Dec-21	26-Oct-27	26-Oct-27	1747																							
PMCA-180	Construction of 1/F Structure Works	18	18-Oct-21 A	31-Oct-21 A	25-Oct-27	25-Oct-27																								
PMCA-190	Installation of Green Roof	16	09-Nov-21 A	02-Dec-21	08-Nov-27	08-Nov-27	1757																							
PMCA-230	Construction of Rain and Surface Water Drainage Works	10	12-Nov-21 A	30-Nov-21 A	09-Nov-27	09-Nov																								

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																																			
<b>FSI Submission &amp; Approval</b>								353	15-Oct-21 A	15-Dec-22	01-Jan-23	09-Nov-27	1533																																																																														
FSD-1012	IW & PST Original Drawing Files Availability	0	15-Oct-21 A		09-Nov-27			W & PST Original Drawing Files Availability																																																																																			
FSD-1010	1st DRAFT Client's Design Building (Subject to Availability of Original Drawing Files - IW&PST, SDB & Admin Bldg)	0	29-Oct-21 A		01-Jan-23			1st DRAFT Client's Design Building (Subject to Availability of Original Drawing Files - IW&PST, SDB & Admin Bldg)																																																																																			
FSD-1014	Sludge Thickening Building & Admin Building Original Drawing Files Availability	0	29-Oct-21 A		09-Nov-27			Sludge Thickening Building & Admin Building Original Drawing Files Availability																																																																																			
FSD-1020	1st DRAFT AGS & TTS GBP (Subject to Availability of Original Drawing Files)	0	12-Nov-21 A		01-Jan-23			1st DRAFT AGS & TTS GBP (Subject to Availability of Original Drawing Files)																																																																																			
FSD-1030	PM Review	31	12-Nov-21 A	13-Dec-21	01-Jan-23	13-Jan-23	396	PM Review																																																																																			
FSD-1040	Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1	367	14-Dec-21	15-Dec-22	14-Jan-23	15-Jan-24	396	Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1																																																																																			
FSD-1050	FSD Form 314 (Drawings for Smoke Extraction System and VAC)	0		15-Dec-22		15-Jan-24	396	FSD Form 314 (Drawings for Smoke Extraction System and VAC)																																																																																			
<b>FSD OP Submission &amp; Approval</b>								56	12-Sep-23	06-Nov-23	16-Jan-24	11-Mar-24	126																																																																														
FSD-1060	FSD Form 314 Preparation & Submission	28	12-Sep-23	09-Oct-23	16-Jan-24	12-Feb-24	126	FSD Form 314 Preparation & Submission																																																																																			
FSD-1070	FSD Form 314 (Inspection [14D]+Re-Inspection&Defects[7D])	21	10-Oct-23	30-Oct-23	13-Feb-24	04-Mar-24	126	FSD Form 314 (Inspection [14D]+Re-Inspection&Defects[7D])																																																																																			
FSD-1080	OP Issuance (7 Days following to Inspection)	7	31-Oct-23	06-Nov-23	05-Mar-24	11-Mar-24	126	OP Issuance (7 Days following to Inspection)																																																																																			
<b>Application Form Schedule EMSD (ATAL)</b>								1553	01-Mar-22	31-May-26	07-Jan-26	08-Nov-26	161																																																																														
<b>Phase 1</b>								457	01-Mar-22	31-May-23	07-Jan-26	08-Sep-26	1196																																																																														
ATAL-FS-0010	Form 104 for Biogas Holder Tank 1 (Submission and Approval Period)	184	01-Mar-22*	31-Aug-22	07-Jan-26	09-Jul-26	1408	Form 104 for Biogas Holder Tank 1 (Submission and Approval Period)																																																																																			
ATAL-FS-0020	Form 105 for Biogas Holder Tank 1 (Submission and Approval Period)	61	01-Apr-23*	31-May-23	10-Jul-26	08-Sep-26	1196	Form 105 for Biogas Holder Tank 1 (Submission and Approval Period)																																																																																			
<b>Phase 2</b>								638	01-Sep-24	31-May-26	09-Aug-26	08-Nov-26	161																																																																														
ATAL-FS-0050	Form 104 for Biogas related works(HS2 Rm,Waste Gas Burner,Permanent Undrmd Biogas Pipework&Valve)(Submission & Approval)	91	01-Sep-24*	30-Nov-24	10-Aug-26	08-Nov-26	708	Form 104 for Biogas related works(HS2 Rm,Waste Gas Burner,Permanent Undrmd Biogas Pipework&Valve)																																																																																			
ATAL-FS-0030	Form 104 for Biogas Holder Tank 2-4 (Submission and Approval Period)	92	01-Mar-25*	31-May-25	09-Aug-26	08-Nov-26	526	Form 104 for Biogas Holder Tank 2-4 (Submission and Approval Period)																																																																																			
ATAL-FS-0040	Form 105 for Biogas Holder Tank 2-4 (Submission and Approval Period)	61	01-Apr-26*	31-May-26	09-Sep-26	08-Nov-26	161	Form 105 for Biogas Holder Tank 2-4 (Submission and Approval Period)																																																																																			
ATAL-FS-0060	Form 105 for Biogas related works(HS2 Rm,Waste Gas Burner,Permanent Undrmd Biogas Pipework&Valve)(Submission & Approval)	61	01-Apr-26*	31-May-26	09-Sep-26	08-Nov-26	161	Form 105 for Biogas related works(HS2 Rm,Waste Gas Burner,Permanent Undrmd Biogas Pipework&Valve)																																																																																			
<b>Environmental Mitigation Measures for KD1 &amp; 2</b>								129	09-Nov-20 A	06-May-21 A	09-Nov-27	09-Nov-27																																																																															
<b>Noise Barrier</b>								117	09-Nov-20 A	08-Apr-21 A	09-Nov-27	09-Nov-27																																																																															
<b>NB Northern Side</b>								75	09-Nov-20 A	06-Feb-21 A	09-Nov-27	09-Nov-27																																																																															
NBN-00	NB North - Concrete Block Laying (474 nos.)	12	09-Nov-20 A	21-Nov-20 A	09-Nov-27	09-Nov-27		Concrete Block Laying (474 nos.)																																																																																			
NBN-10	NB North - Steel Member Installation (1,150m)	30	23-Nov-20 A	29-Dec-20 A	09-Nov-27	09-Nov-27		Steel Member Installation (1,150m)																																																																																			
NBN-20	NB North - Rails Installation (Horizontal and Vertical)	30	23-Nov-20 A	29-Dec-20 A	09-Nov-27	09-Nov-27		Rails Installation (Horizontal and Vertical)																																																																																			
NBN-30	NB North - Noise Panel Installation (7077 nos.)	33	30-Dec-20 A	06-Feb-21 A	09-Nov-27	09-Nov-27		Noise Panel Installation (7077 nos.)																																																																																			
<b>NB Eastern Side</b>								75	30-Dec-20 A	08-Apr-21 A	09-Nov-27	09-Nov-27																																																																															
NBE-00	NB East - Concrete Block Laying (681 nos.)	12	30-Dec-20 A	13-Jan-21 A	09-Nov-27	09-Nov-27		Concrete Block Laying (681 nos.)																																																																																			
NBE-10	NB East - Steel Member Installation (1,650m)	30	14-Jan-21 A	24-Feb-21 A	09-Nov-27	09-Nov-27		Steel Member Installation (1,650m)																																																																																			
NBE-20	NB East - Rails Installation (Horizontal and Vertical)	30	14-Jan-21 A	24-Feb-21 A	09-Nov-27	09-Nov-27		Rails Installation (Horizontal and Vertical)																																																																																			
NBE-30	NB East - Noise Panel Installation (1,057 nos.)	33	25-Feb-21 A	08-Apr-21 A	09-Nov-27	09-Nov-27		Noise Panel Installation (1,057 nos.)																																																																																			
<b>NB Western Side</b>								42	08-Feb-21 A	08-Apr-21 A	09-Nov-27	09-Nov-27																																																																															
NBW-00B	NB West - Concrete Block Laying (225 nos.)	12	08-Feb-21 A	27-Feb-21 A	09-Nov-27	09-Nov-27		Concrete Block Laying (225 nos.)																																																																																			
NBW-10	NB West - Steel Member Installation (127m)	20	01-Mar-21 A	23-Mar-21 A	09-Nov-27	09-Nov-27		Steel Member Installation (127m)																																																																																			
NBW-20	NB West - Rails Installation (Horizontal and Vertical)	20	01-Mar-21 A	23-Mar-21 A	09-Nov-27	09-Nov-27		Rails Installation (Horizontal and Vertical)																																																																																			
NBW-30	NB North - Noise Panel Installation (385 nos.)	10	24-Mar-21 A	08-Apr-21 A	09-Nov-27	09-Nov-27		Noise Panel Installation (385 nos.)																																																																																			
<b>Bird Curtain</b>								75	30-Dec-20 A	06-May-21 A	09-Nov-27	09-Nov-27																																																																															
BC-10	BC - Concrete Block Laying	24	30-Dec-20 A	18-Feb-21 A	09-Nov-27	09-Nov-27		Concrete Block Laying																																																																																			
BC-20	BC - Installation of Post	32	18-Mar-21 A	29-Apr-21 A	09-Nov-27	09-Nov-27		Installation of Post																																																																																			
BC-30	BC - Installation of Bird Curtain	19	26-Apr-21 A	06-May-21 A	09-Nov-27	09-Nov-27		Installation of Bird Curtain																																																																																			
<b>General Advance Works</b>								720	18-Feb-21 A	03-Aug-23	01-Dec-22	14-Mar-24	181																																																																														
<b>NSWSPS Sensors</b>								177	01-Jun-21 A	03-Jan-22	07-Feb-24	14-Mar-24	641																																																																														
ATALGA-1130	CMS - NSWSPS Sensor	51	01-Jun-21 A	02-Aug-21 A	07-Feb-24	07-Feb-24		CMS - NSWSPS Sensor																																																																																			
ATALGA-1160	CGS - Method Statement for Installation	101	03-Aug-21 A	03-Jan-22	07-Feb-24	14-Mar-24	641	CGS - Method Statement for Installation																																																																																			
ATALGA-1170	Procurement & Delivery of Sensor	101	03-Aug-21 A	03-Jan-22	07-Feb-24	14-Mar-24	641	Procurement & Delivery of Sensor																																																																																			
ATALGA-1260	Installation of pressure sensors at NSWSPS	22	02-Dec-21	29-Dec-21	08-Feb-24	11-Mar-24	641	Installation of pressure sensors at NSWSPS																																																																																			
<b>Air Blower House</b>								345	01-Jun-22	03-Aug-23	04-Jan-23	11-Mar-24	178																																																																														
ATALGA-1280	CMS - Air Blower System	127	01-Jun-22*	02-Nov-22	04-Jan-23	14-Jun-23	178	CMS - Air Blower System																																																																																			
ATALGA-1290	CGS - Method Statement for Installation	49	02-Nov-22	31-Dec-22	06-Sep-23	04-Nov-23	247	CGS - Method Statement for Installation																																																																																			
ATALGA-1300	Procurement & Delivery of Materials	121	02-Nov-22	03-Apr-23	15-Jun-23	08-Nov-23	178	Procurement & Delivery of Materials																																																																																			
ATALGA-1020	Civil Structural modification of air blower house	90	13-Jan-23*	11-May-23	17-Nov-23	11-Mar-24	247	Civil Structural modification of air blower house																																																																																			
ATALGA-1310	E&M installation	97	03-Apr-23	03-Aug-23	09-Nov-23	11-Mar-24	178	E&M installation																																																																																			
<b>Disc Filter (DF) Pilot Plant</b>								357	15-Jul-21 A	16-Nov-22	01-Dec-22	11-Mar-24	383																																																																														
ATALGA-1080	CGS - Method Statement for Relocation	63	15-Jul-21 A	03-Aug-21 A	01-Dec-22	01-Dec-22		CGS - Method Statement for Relocation																																																																																			
ATALGA-1090	Procurement & Delivery of Materials	97	04-Aug-21 A	28-Dec-21	29-Mar-23	28-Apr-23	385	Procurement & Delivery of Materials																																																																																			
ATALGA-1000	Civil Structural Construction of DF Pilot Plant from STSTW c/w of relevant underground pipeworks	211	27-Nov-21 A	19-Aug-22	27-Mar-23	07-Dec-23	383	Civil Structural Construction of DF Pilot Plant from STSTW c/w of relevant underground pipeworks																																																																																			
ATALGA-1140	E&M installation of DF Pilot Plant	51	20-Aug-22	21-Oct-22	07-Dec-23	07-Feb-24	383	E&M installation of DF Pilot Plant																																																																																			
ATALGA-1190	T&C	22	21-Oct-22	16-Nov-22	08-Feb-24	11-Mar-24	383	T&C																																																																																			
<b>Dissolved Air Flotation (DAF) Pilot Plant</b>								422	31-Aug-21 A	11-Mar-23	01-Dec-22	11-Mar-24	293																																																																														
ATALGA-1100	CGS - Method Statement for Relocation	47	31-Aug-21 A	01-Dec-21	01-Dec-22	01-Dec-22	293	CGS - Method Statement for Relocation																																																																																			
ATALGA-1110	Procurement & Delivery of Materials	97	28-Oct-21 A	28-Feb-22	02-Dec-22	28-Feb-23	293	Procurement & Delivery of Materials																																																																																			
ATALGA-1070	Civil Structural Construction of DAF Pilot Plant from STSTW	97	01-Mar-22*	29-Feb-22	01-Mar-23	29-Jun-23	293	Civil Structural Construction of DAF Pilot Plant from STSTW																																																																																			
ATALGA-1150	E&M installation of DAF Pilot Plant	51	30-Jun-22	29-Aug-22	30-Jun-23	29-Aug-23	293	E&M installation of DAF Pilot Plant																																																																																			
ATALGA-1200	T&C	11	30-Aug-22	12-Sep-22	30-Aug-23	11-Sep-23	293	T&C																																																																																			
ATALGA-1220	Post-commissioning	144	13-Sep-22	11-Mar-23	12-Sep-23	11-Mar-24	293	Post-commissioning																																																																																			
<b>Aerobic Granular Sludge (AGS) Pilot Plant</b>								535	18-Feb-21 A	09-Dec-22	03-Mar-23	11-Mar-24	363																																																																														
ATALGA-1030	AIP - AGS Pilot Plant	20	18-Feb-21 A	12-Mar-21 A	03-Mar-23	03-Mar-23		AIP - AGS Pilot Plant																																																																																			
ATALGA-1040	DDA - AGS Pilot Plant	21	13-Mar-21 A	10-Apr-21 A	05-Jun-23	05-Jun-23		DDA - AGS Pilot Plant																																																																																			
ATALGA-1050	CMS - AGS Pilot Plant	48	13-Mar-21 A	13-May-21 A	03-Mar-23	03-Mar-23		CMS - AGS Pilot Plant																																																																																			
ATALGA-1060	CGS - Method Statement for Installation	47	25-Mar-21 A	25-May-21 A	05-Jun-23	05-Jun-23		CGS - Method Statement for Installation																																																																																			
ATALGA-1120	Procurement & Delivery of Materials	100	28-Apr-21 A	31-Aug-21 A	03-Mar-23	03-Mar-23		Procurement & Delivery of Materials																																																																																			
ATALGA-1010	Civil Structural Construction of AGS Pilot Plant	150	31-Aug-21 A	08-Apr-22	03-Mar-23	07-Jul-23	363	Civil Structural Construction of AGS Pilot Plant																																																																																			



- Remaining Level of Effort
- DWP Rev.7
- Actual Work
- Remaining Work
- Critical Remaining Work

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

### Detailed Works Programme

Project ID : DWP.DPr8\_211130a  
Layout : DC201913 DWP rev.8  
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#### Detailed Works Programme

Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		





Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022				2023				2024				2025				2026				2027				2028		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
IW-2250	IW - Vibration Monitoring Points Installation	28	17-Mar-21 A	22-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2260	IW - Building Settlement Monitoring Points Installation	28	17-Mar-21 A	22-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2270	IW - Tilting Monitoring Points Installation	28	17-Mar-21 A	22-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2280	IW - Utility Monitoring Points Installation	28	17-Mar-21 A	22-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2290	IW - Piezometer and Standpipe (PS7)	9	26-Mar-21 A	09-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2330	IW - Piezometer and Standpipe (PS8)	9	26-Mar-21 A	09-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2340	IW - Piezometer and Standpipe (PS9)	10	10-Apr-21 A	21-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2360	IW - Piezometer and Standpipe (PS10)	10	10-Apr-21 A	21-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2370	IW - Monitoring Points Installation Complete	0		22-Apr-21 A		09-Nov-27																												
<b>IW GI - Pre-drilling Works</b>		<b>118</b>	<b>16-Jan-21 A</b>	<b>14-Jul-21 A</b>	<b>09-Nov-27</b>	<b>09-Nov-27</b>																												
IW-2040	IW - Pre-drilling Preparation, Drill Rig A	2	16-Jan-21 A	18-Jan-21 A	09-Nov-27	09-Nov-27																												
IW-2070	IW - PD10	18	19-Jan-21 A	08-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2080	IW - Pre-drilling Preparation, Drill Rig B	15	25-Jan-21 A	10-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2100	IW - PD1	15	06-Feb-21 A	02-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2110	IW - Pre-drilling Preparation, Drill Rig C	5	06-Feb-21 A	18-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2090	IW - PD11	5	09-Feb-21 A	20-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2130	IW - PD12	14	19-Feb-21 A	06-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2140	IW - PD6	15	19-Feb-21 A	08-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2150	IW - Pre-drilling Preparation, Drill Rig D	5	19-Feb-21 A	24-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2160	IW - PD13	14	25-Feb-21 A	12-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2170	IW - Pre-drilling Preparation, Drill Rig E	2	25-Feb-21 A	26-Feb-21 A	09-Nov-27	09-Nov-27																												
IW-2180	IW - PD8	15	27-Feb-21 A	16-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2190	IW - Pre-drilling Preparation, Drill Rig F	6	27-Feb-21 A	05-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2200	IW - PD7	18	03-Mar-21 A	23-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2210	IW - PD9	15	08-Mar-21 A	24-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2220	IW - PD5	13	09-Mar-21 A	23-Mar-21 A	09-Nov-27	09-Nov-27																												
IW-2300	IW - PD2	14	24-Mar-21 A	13-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2320	IW - PD3	14	24-Mar-21 A	13-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2940	IW - Additional Pre-drills (7 nos.)	14	24-Mar-21 A	13-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2890	IW - Pre-drilling Works Complete	0		13-Apr-21 A		09-Nov-27																												
IW-2310	IW - PD4	14	01-Jun-21 A	14-Jul-21 A	09-Nov-27	09-Nov-27																												
<b>IW GI - Environmental</b>		<b>62</b>	<b>03-Jul-21 A</b>	<b>30-Oct-21 A</b>	<b>09-Nov-27</b>	<b>09-Nov-27</b>																												
IW-2460	ENV-BH35	7	03-Jul-21 A	07-Jul-21 A	09-Nov-27	09-Nov-27																												
IW-2490	ENV-BH36	7	08-Jul-21 A	10-Jul-21 A	09-Nov-27	09-Nov-27																												
IW-2510	ENV-BH37	7	10-Jul-21 A	12-Jul-21 A	09-Nov-27	09-Nov-27																												
IW-2440	ENV-BH34	7	12-Jul-21 A	13-Jul-21 A	09-Nov-27	09-Nov-27																												
IW-2900	Submission and review by EPD	44	20-Jul-21 A	20-Aug-21 A	09-Nov-27	09-Nov-27																												
IW-2430	ENV-BH31	7	12-Aug-21 A	18-Aug-21 A	09-Nov-27	09-Nov-27																												
IW-2450	ENV-BH32	7	12-Aug-21 A	18-Aug-21 A	09-Nov-27	09-Nov-27																												
IW-2480	ENV-BH33	7	12-Aug-21 A	19-Aug-21 A	09-Nov-27	09-Nov-27																												
IW-2910	CAR / RAP Approval	1	21-Aug-21 A	30-Oct-21 A	09-Nov-27	09-Nov-27																												
<b>Temporary Workshop and Storage</b>		<b>96</b>	<b>02-Feb-21 A</b>	<b>24-Jul-21 A</b>	<b>09-Nov-27</b>	<b>09-Nov-27</b>																												
IW-2120A	Design and Submission	7	02-Feb-21 A	24-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2120B	Site Formation	10	26-Apr-21 A	03-May-21 A	09-Nov-27	09-Nov-27																												
IW-2120C	Foundation Work	7	04-May-21 A	08-May-21 A	09-Nov-27	09-Nov-27																												
IW-2120D	Erect Steel Structure, External Wall and Roof Cladding	10	10-May-21 A	17-May-21 A	09-Nov-27	09-Nov-27																												
IW-2120E	Erect Internal Partition and False Ceiling	6	18-May-21 A	24-May-21 A	09-Nov-27	09-Nov-27																												
IW-2120F	Electrical Work, Sanitary Work, Install A/C and Floor Finishes	10	18-May-21 A	29-May-21 A	09-Nov-27	09-Nov-27																												
IW-2390	Relocation of Workshop (advance work before P2 access)	20	25-Jun-21 A	19-Jul-21 A	09-Nov-27	09-Nov-27																												
IW-2390B	Relocation of Storage Facilities (advance work before P2 access)	5	25-Jun-21 A	30-Jun-21 A	09-Nov-27	09-Nov-27																												
IW-2400	Handover and Inspection of Temp. Workshop and Storage Facilities (advance work before P2 access)	8	16-Jul-21 A	24-Jul-21 A	09-Nov-27	09-Nov-27																												
<b>IW Foundation - Stage 1</b>		<b>334</b>	<b>09-Nov-20 A</b>	<b>01-Dec-21</b>	<b>01-Dec-21</b>	<b>09-Nov-27</b>	<b>1858</b>																											
NMM-2020	PS 1.105A Noise Mitigation Measures 2020-2021	143	09-Nov-20 A	31-Mar-21 A	01-Dec-21	01-Dec-21																												
EBS-2021	Egrets Breeding Season 2021	184	01-Mar-21 A	31-Aug-21 A	01-Dec-21	31-Jan-22																												
PMI014	PMI No. 014 - Revised Piling Layout at IW	0	15-Mar-21 A		09-Nov-27																													
IW-2850	Inlet Work Stage 1 - Site Setup and mobilization	7	14-Apr-21 A	21-Apr-21 A	09-Nov-27	09-Nov-27																												
IW-2380	Inlet Work Stage 1 - Driven H-piles (85hrs + 6tension piles. @ ave.1no/d/rig, 2rigs)	65	04-May-21 A	27-Oct-21 A	09-Nov-27	09-Nov-27																												
IW-2880	Inlet Work Stage 1 - Submit piling record to GEO (28d)	30	05-Oct-21 A	01-Dec-21	31-Mar-22	31-Mar-22	120																											
<b>IW Foundation - Stage 2</b>		<b>88</b>	<b>08-Jun-21 A</b>	<b>30-Oct-21 A</b>	<b>09-Nov-27</b>	<b>09-Nov-27</b>																												
PP2	Portion 2 (sd+211d)	0																																







Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																																											
<b>ABWF, E&amp;M &amp; T&amp;C</b>								1269	20-Oct-22	08-Nov-26	20-Oct-22	08-Nov-26	0																																																																														
<b>PST Stage 1 - ABWF &amp; BS Works</b>								300	06-Dec-22	13-Dec-23	15-Jun-23	24-Jun-24	150																																																																														
PST-1370	PST - BS and ABWF Works at 3 Tanks	300	06-Dec-22	13-Dec-23	15-Jun-23	24-Jun-24	150																																																																																				
<b>PST Stage 1 - E&amp;M Installation Works at New PST 1,2,3</b>								207	20-Oct-22	07-Jul-23	20-Oct-22	06-Oct-23	76																																																																														
ATLPST-3000	PST Stage 1 - Bottom Scraper / Scum Collection System	127	20-Oct-22	27-Mar-23	20-Oct-22	27-Mar-23	0																																																																																				
ATLPST-3010	PST Stage 1 - Lamella / Sludge & Scum Pump / DOU System	127	20-Oct-22	27-Mar-23	20-Oct-22	27-Mar-23	0																																																																																				
ATLPST-3020	PST Stage 1 - Lifting Appliance	127	20-Oct-22	27-Mar-23	20-Oct-22	27-Mar-23	0																																																																																				
ATLPST-3030	PST Stage 1 - Penstock / Stoplogs	127	20-Oct-22	27-Mar-23	20-Oct-22	27-Mar-23	0																																																																																				
ATLPST-0000	PST Stage 1 - E&M Handover @ +11.8mPD	0	20-Oct-22		20-Oct-22		0																																																																																				
ATLPST-5310	PST Stage 1 - E&M Handover @ +18.3mPD	0		10-Nov-22*		10-Nov-22	0																																																																																				
ATLPST-3040	PST Stage 1 - Instrumentation	36	28-Mar-23	13-May-23	28-Mar-23	13-May-23	0																																																																																				
ATLPST-3050	PST Stage 1 - Electrical Works (Cabling / LCP, Termination)	80	28-Mar-23	07-Jul-23	28-Mar-23	07-Jul-23	0																																																																																				
ATLPST-3060	PST Stage 1 - BS Installation (ELV, Ventilation, FS, PD)	80	28-Mar-23	07-Jul-23	28-Mar-23	07-Jul-23	0																																																																																				
ATLPST-3120	PST Stage 1 - Plant Service Water System (PSW) Installation	30	01-Jun-23	07-Jul-23	31-Aug-23	06-Oct-23	76																																																																																				
ATLPST-3065	PST Stage 1 - Installation and Set-Up for SCADA System	14	20-Jun-23	07-Jul-23	20-Jun-23	07-Jul-23	0																																																																																				
<b>PST Stage 1 - Testing and Commissioning at New PST 1,2,3</b>								212	08-Jul-23	11-Mar-24	08-Jul-23	11-Mar-24	0																																																																														
ATLPST-3070	PST Stage 1 - T&C - Equipment SAT (Mechanical Dry Check)	28	08-Jul-23	09-Aug-23	08-Jul-23	09-Aug-23	0																																																																																				
ATLPST-5280	PST Stage 1 - T&C - Plant Service Water System (PSW)	30	08-Jul-23	11-Aug-23	07-Oct-23	10-Nov-23	75																																																																																				
ATLPST-3080	PST Stage 1 - T&C - Equipment SAT (Functional Dry Check) linked to TX House POWER ON	48	26-Jul-23	19-Sep-23	26-Jul-23	19-Sep-23	0																																																																																				
ATLPST-3090	PST Stage 1 - T&C - Equipment SAT (Wet / Load Performance Check)	48	26-Jul-23	19-Sep-23	26-Jul-23	19-Sep-23	0																																																																																				
ATLPST-3100	PST Stage 1 - FS Inspection and Fire Certificate	42	20-Sep-23	10-Nov-23	20-Sep-23	10-Nov-23	0																																																																																				
ATLPST-3110	PST Stage 1 - T&C - Early Commissioning (54,000 m3/d) (KD3)	68	11-Nov-23	01-Feb-24	11-Nov-23	01-Feb-24	0																																																																																				
PKD3	Planned Completion KD3	0		01-Feb-24		15-Feb-24	14																																																																																				
CDK3	KD3	0		11-Mar-24*		11-Mar-24	0																																																																																				
<b>PST Stage 2 - ABWF &amp; BS Works</b>								180	03-May-23	05-Dec-23	15-Jun-23	20-Jan-24	37																																																																														
PST-2190	PST - BS and ABWF Works at 2 Tanks	180	03-May-23	05-Dec-23	15-Jun-23	20-Jan-24	37																																																																																				
<b>PST Stage 2 - E&amp;M Installation Works at New PST 4,5</b>								159	16-Mar-23	26-Sep-23	17-Mar-23	14-Oct-23	14																																																																														
ATLPST-5000	PST Stage 2 - Bottom Scraper / Scum Collection System	87	16-Mar-23	04-Jul-23	17-Mar-23	06-Jul-23	2																																																																																				
ATLPST-5010	PST Stage 2 - Lamella / Sludge & Scum Pump / DOU System	87	16-Mar-23	04-Jul-23	17-Mar-23	06-Jul-23	2																																																																																				
ATLPST-5020	PST Stage 2 - Lifting Appliance	87	16-Mar-23	04-Jul-23	17-Mar-23	06-Jul-23	2																																																																																				
ATLPST-5030	PST Stage 2 - Penstock / Stoplogs	87	16-Mar-23	04-Jul-23	17-Mar-23	06-Jul-23	2																																																																																				
ATLPST-0001	PST Stage 2 - E&M Handover	0	16-Mar-23		17-Mar-23		2																																																																																				
ATLPST-5040	PST Stage 2 - Instrumentation	36	05-Jul-23	15-Aug-23	06-Jul-23	17-Aug-23	2																																																																																				
ATLPST-5050	PST Stage 2 - Electrical Works (Cabling / LCP, Termination)	72	05-Jul-23	26-Sep-23	14-Jul-23	06-Oct-23	7																																																																																				
ATLPST-5060	PST Stage 2 - BS Installation (ELV, Ventilation, FS, PD)	72	05-Jul-23	26-Sep-23	14-Jul-23	06-Oct-23	7																																																																																				
ATLPST-5290	PST Stage 2 - Plant Service Water System (PSW) Installation	30	16-Aug-23	19-Sep-23	09-Sep-23	14-Oct-23	20																																																																																				
ATLPST-5065	PST Stage 2 - Installation and Set-Up for SCADA System	14	11-Sep-23	26-Sep-23	18-Sep-23	06-Oct-23	7																																																																																				
<b>PST Stage 2 - Testing and Commissioning at New PST 4,5</b>								988	13-Sep-23	08-Nov-26	14-Sep-23	08-Nov-26	0																																																																														
ATLPST-5070	PST Stage 2 - T&C - Equipment SAT (Mechanical Dry Check)	30	13-Sep-23	19-Oct-23	14-Sep-23	21-Oct-23	2																																																																																				
ATLPST-5300	PST Stage 2 - T&C - Plant Service Water System (PSW)	30	20-Sep-23	27-Oct-23	14-Oct-23	22-Nov-23	22																																																																																				
ATLPST-5080	PST Stage 2 - T&C - Equipment SAT (Functional Dry Check)	30	05-Oct-23	09-Nov-23	06-Oct-23	11-Nov-23	2																																																																																				
ATLPST-5090	PST Stage 2 - T&C - Equipment SAT (Wet / Load Performance Check)	9	10-Nov-23	20-Nov-23	11-Nov-23	22-Nov-23	2																																																																																				
ATLPST-5100	PST Stage 2 - T&C - System Commissioning (60,000 m3/d) (KD3)	48	23-Nov-23	20-Jan-24	22-Nov-23	20-Jan-24	0																																																																																				
ATLPST-5110	PST Stage 2 - FS Inspection and Fire Certificate	28	22-Jan-24	29-Feb-24	20-Jan-24	29-Feb-24	0																																																																																				
CDK3a	KD3	0		11-Mar-24*		11-Mar-24	0																																																																																				
CS3	Section 3 Completion	0		08-Nov-26*		08-Nov-26	0																																																																																				
<b>External Works - Inlet Work and Primary Sedimentation Tank Perimeter</b>								240	12-Mar-24	31-Dec-24	14-Jan-26	07-Nov-26	544																																																																														
EW-1080	IW/PST Perimeter - Drainage/Sewer/Watermain/Utility Installation	150	12-Mar-24	11-Sep-24	14-Jan-26	22-Jul-26	544																																																																																				
EW-1050	IW/PST Perimeter - Process Pipe Installation	102	12-Mar-24	17-Jul-24	18-Mar-26	22-Jul-26	592																																																																																				
EW-1090	IW/PST Perimeter - Road Works	90	12-Sep-24	31-Dec-24	23-Jul-26	07-Nov-26	544																																																																																				
<b>CLP Substations No. 1 &amp; 2</b>								1168	01-Jun-21 A	24-May-25	24-Dec-21	07-Nov-26	432																																																																														
CLP-0900	Complete Temporary (Non-MIC) Administration Building	0		22-Jul-21 A		30-Dec-21																																																																																					
CLP-1000	Demolition Changing Room (27)	14	30-Sep-21 A	23-Oct-21 A	30-Dec-21	30-Dec-21																																																																																					
CLP-1240	Demolition Carpark (28)	14	01-Dec-21	16-Dec-21	04-Jan-22	19-Jan-22	26																																																																																				
<b>Submissions</b>								69	01-Jun-21 A	03-Sep-21 A	24-Dec-21	30-Dec-21																																																																															
CLP-1180	Raft & Structural Design Submission	25	01-Jun-21 A	30-Jun-21 A	24-Dec-21	24-Dec-21																																																																																					
CLP-1190	GEO Review and Approval	44	02-Jul-21 A	03-Sep-21 A	30-Dec-21	30-Dec-21																																																																																					
<b>Foundation</b>								175	16-Jul-21 A	10-Jan-22	24-Dec-21	09-Feb-22	20																																																																														
CLP-1210	Predrilling Works	24	16-Jul-21 A	04-Dec-21	24-Dec-21	30-Dec-21	20																																																																																				
CLP-1200	Raft Foundation	57	24-Nov-21 A	10-Jan-22	30-Dec-21	09-Feb-22	20																																																																																				
<b>CLP Substation No. 1</b>								209	04-Dec-21	24-Aug-22	30-Dec-21	29-Oct-22	54																																																																														
CLP-1010	CLP Substation No.1 - Structure	76	04-Dec-21	12-Mar-22	30-Dec-21	06-Apr-22	20																																																																																				
CLP-1040	CLP Substation No.1 - BS and ABWF Works	48	08-Mar-22	07-May-22	17-May-22	13-Jul-22	54																																																																																				
CLP-1070	CLP Substation No.1 - CLP Installation	90	10-May-22	24-Aug-22	14-Jul-22	29-Oct-22	54																																																																																				
CLP-1090	CLP Substation No.1 - Energization	0		24-Aug-22		29-Oct-22	54																																																																																				
<b>CLP Substation No. 2</b>								214	11-Jan-22	06-Oct-22	10-Feb-22	29-Oct-22	20																																																																														
CLP-1020	CLP Substation No.2 - Structure	76	11-Jan-22	20-Apr-22	10-Feb-22	16-May-22	20																																																																																				
CLP-1050	CLP Substation No.2 - BS and ABWF Works	48	21-Apr-22	18-Jun-22	17-May-22	13-Jul-22	20																																																																																				
CLP-1080	CLP Substation No.2 - CLP Installation	90	20-Jun-22	06-Oct-22	14-Jul-22	29-Oct-22	20																																																																																				
CLP-1140	Section 1 Completion - CLP Substation 1 & 2	0		15-Aug-22		06-Oct-22	42																																																																																				
CLP-1100	CLP Substation No.2 - Energization	0		06-Oct-22		29-Oct-22	20																																																																																				
<b>DSD 11kV Switchgear</b>								984	11-Jan-22	24-May-25	06-May-22	20-Jun-26	316																																																																														
CLP-1030	DSD11KV Switchgear - Structure	78	11-Jan-22	22-Apr-22	06-May-22	08-Aug-22	88																																																																																				
CLP-1060	DSD11KV Switchgear - BS and ABWF Works	48	20-Jan-22	15-Aug-22	09-Aug-22	06-Oct-22	42																																																																																				
CLP-1110	DSD11KV Switchgear - Installation	78	07-Oct-22	09-Jan-23	31-Oct-22	08-Feb-23	20																																																																																				
CLP-1220	DSD11KV Switchgear - Energization	14	10-Jan-23	01-Feb-23	09-Feb-23	24-Feb-23	20																																																																																				



	Remaining Level of Effort
	DWP Rev.7
	Actual Work
	Remaining Work
	Critical Remaining Work

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

### Detailed Works Programme

Project ID : DWP.DPr8\_211130a  
 Layout : DC201913 DWP rev.8  
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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																												
CLP-1230	Demolition of existing DSD11KV Switchgear (29)	45	27-Mar-25	24-May-25	27-Apr-26	20-Jun-26	316	Demolition of existing DSD11KV Switchgear (29)																																																																																			
<b>Walkway &amp; Master Meter Room</b>		<b>544</b>	<b>30-May-23</b>	<b>01-Apr-25</b>	<b>06-Nov-25</b>	<b>07-Nov-26</b>	<b>472</b>																																																																																				
CLP-1130	Master Meter Room Structure, ABWF, BS & E&M	180	30-May-23	03-Jan-24	01-Apr-26	07-Nov-26	836	Master Meter Room Structure, ABWF, BS & E&M																																																																																			
CLP-1120	Walkway, Guard House and Education Corridor	180	22-Aug-24	01-Apr-25	06-Nov-25	20-Jun-26	356	Walkway, Guard House and Education Corridor																																																																																			
<b>Sludge Dewatering Building (SDB)</b>		<b>1484</b>	<b>01-Nov-21 A</b>	<b>26-Aug-26</b>	<b>01-Mar-22</b>	<b>07-Nov-26</b>	<b>63</b>																																																																																				
SDB-1000	Site Hoarding, Clearance, Temp Facilities	17	13-Jan-24	01-Feb-24	20-Jan-24	08-Feb-24	6	Site Hoarding, Clearance, Temp Facilities																																																																																			
<b>SDB Foundation &amp; ELS - Stage 1</b>		<b>1002</b>	<b>01-Nov-21 A</b>	<b>10-Feb-25</b>	<b>01-Mar-22</b>	<b>10-Feb-25</b>	<b>0</b>																																																																																				
<b>SDB GI - Pre-drilling Works</b>		<b>87</b>	<b>02-Feb-24</b>	<b>13-May-24</b>	<b>16-Feb-24</b>	<b>13-May-24</b>	<b>0</b>																																																																																				
SDB-1220	Access Date	0	02-Feb-24		16-Feb-24		14	Access Date																																																																																			
SDB-1100	Demolition of Existing PST 1 & 3	20	12-Mar-24	08-Apr-24	12-Mar-24	08-Apr-24	0	Demolition of Existing PST 1 & 3																																																																																			
SDB-1320	Demolition of Existing PST 2 & 4	20	02-Apr-24	25-Apr-24	02-Apr-24	25-Apr-24	0	Demolition of Existing PST 2 & 4																																																																																			
<b>SDB AtPST 1,3 Footprint</b>		<b>75</b>	<b>02-Feb-24</b>	<b>11-May-24</b>	<b>16-Feb-24</b>	<b>13-May-24</b>	<b>1</b>																																																																																				
SDB-1010	PD10	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD10																																																																																			
SDB-1020	PD19	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD19																																																																																			
SDB-1030	PD22	14	02-Feb-24	24-Feb-24	16-Feb-24	02-Mar-24	6	PD22																																																																																			
SDB-1040	PD20	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD20																																																																																			
SDB-1050	PD12	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD12																																																																																			
SDB-1060	PD23	14	26-Feb-24	12-Mar-24	04-Mar-24	19-Mar-24	6	PD23																																																																																			
SDB-1070	PD15	14	13-Mar-24	28-Mar-24	26-Apr-24	13-May-24	34	PD15																																																																																			
SDB-1080	PD21	14	13-Mar-24	28-Mar-24	26-Apr-24	13-May-24	34	PD21																																																																																			
SDB-1090	PD24	14	13-Mar-24	28-Mar-24	20-Mar-24	09-Apr-24	6	PD24																																																																																			
SDB-1110	PD11 w/ obstruction (PST1)	14	02-Apr-24	18-Apr-24	10-Apr-24	25-Apr-24	6	PD11 w/ obstruction (PST1)																																																																																			
SDB-1140	PD16 w/ obstruction (PST1)	14	02-Apr-24	18-Apr-24	10-Apr-24	25-Apr-24	6	PD16 w/ obstruction (PST1)																																																																																			
SDB-1120	PD13 w/ obstruction (PST3)	14	09-Apr-24	24-Apr-24	10-Apr-24	25-Apr-24	1	PD13 w/ obstruction (PST3)																																																																																			
SDB-1130	PD14 w/ obstruction (PST3)	14	09-Apr-24	24-Apr-24	10-Apr-24	25-Apr-24	1	PD14 w/ obstruction (PST3)																																																																																			
SDB-1150	PD17 w/ obstruction (PST3)	14	25-Apr-24	11-May-24	26-Apr-24	13-May-24	1	PD17 w/ obstruction (PST3)																																																																																			
SDB-1160	PD18 w/ obstruction (PST3)	14	25-Apr-24	11-May-24	26-Apr-24	13-May-24	1	PD18 w/ obstruction (PST3)																																																																																			
<b>SDB AtPST 2,4 Footprint</b>		<b>76</b>	<b>02-Feb-24</b>	<b>13-May-24</b>	<b>20-Mar-24</b>	<b>13-May-24</b>	<b>0</b>																																																																																				
SDB-1230	PD1	14	02-Feb-24	24-Feb-24	10-Apr-24	25-Apr-24	48	PD1																																																																																			
SDB-1240	PD3	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD3																																																																																			
SDB-1250	PD6	14	02-Feb-24	24-Feb-24	10-Apr-24	25-Apr-24	48	PD6																																																																																			
SDB-1290	PD7	14	26-Feb-24	12-Mar-24	26-Apr-24	13-May-24	48	PD7																																																																																			
SDB-1260	PD8	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD8																																																																																			
SDB-1300	PD9	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD9																																																																																			
SDB-1350	PD4 w/ obstruction (PST4)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD4 w/ obstruction (PST4)																																																																																			
SDB-1360	PD5 w/ obstruction (PST4)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD5 w/ obstruction (PST4)																																																																																			
SDB-1370	PD2 w/ obstruction (PST2)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD2 w/ obstruction (PST2)																																																																																			
<b>SDB Foundation - PST 1-4 Footprint</b>		<b>1002</b>	<b>01-Nov-21 A</b>	<b>10-Feb-25</b>	<b>01-Mar-22</b>	<b>10-Feb-25</b>	<b>0</b>																																																																																				
NMM-2095	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21 A	31-Mar-22	03-Jul-22	31-Oct-22	214	PS 1.105A Noise Mitigation Measures 2021-2022																																																																																			
EBS-2105	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	Egrets Breeding Season 2022																																																																																			
NMM-2022	PS 1.105A Noise Mitigation Measures 2022-2023	151	01-Nov-22	31-Mar-23	01-Nov-22	31-Mar-23	0	PS 1.105A Noise Mitigation Measures 2022-2023																																																																																			
EBS-2023	Egrets Breeding Season 2023	184	01-Mar-23	31-Aug-23	23-Mar-23	22-Sep-23	22	Egrets Breeding Season 2023																																																																																			
NMM-2023	PS 1.105A Noise Mitigation Measures 2023-2024	152	01-Nov-23*	31-Mar-24	01-Nov-23	31-Mar-24	0	PS 1.105A Noise Mitigation Measures 2023-2024																																																																																			
EBS-2024	Egrets Breeding Season 2024	184	01-Mar-24*	31-Aug-24	01-Mar-24	31-Aug-24	0	Egrets Breeding Season 2024																																																																																			
SDB-1190	SDB - Sheetpiles (4,720m2)	45	14-May-24	08-Jul-24	21-Aug-24	15-Oct-24	82	SDB - Sheetpiles (4,720m2)																																																																																			
SDB-1170	SDB - Driven H-piles (359 nos @1.5no/d/riq, 2riqs)	120	14-May-24	05-Oct-24	14-May-24	05-Oct-24	0	SDB - Driven H-piles (359 nos @1.5no/d/riq, 2riqs)																																																																																			
SDB-1610	SDB - Monitoring Installation and Pumping Test	21	19-Sep-24	15-Oct-24	19-Sep-24	15-Oct-24	0	SDB - Monitoring Installation and Pumping Test																																																																																			
SDB-1180	SDB - H-piles Testing	14	27-Sep-24	15-Oct-24	27-Sep-24	15-Oct-24	0	SDB - H-piles Testing																																																																																			
SDB-1200	SDB - Excavation (+6.0 to +4.5mPD)	24	16-Oct-24	12-Nov-24	16-Oct-24	12-Nov-24	0	SDB - Excavation (+6.0 to +4.5mPD)																																																																																			
SDB-1210	SDB - Marine Sediments Treatment and Disposal	83	16-Oct-24	23-Jan-25	28-Oct-24	10-Feb-25	10	SDB - Marine Sediments Treatment and Disposal																																																																																			
SDB-1620	SDB - Submit to GEO (28d)	28	16-Oct-24	16-Nov-24	03-Jan-25	10-Feb-25	65	SDB - Submit to GEO (28d)																																																																																			
SDB-1270	SDB - Strut Installation S1 (+4.5mPD)	16	13-Nov-24	30-Nov-24	07-Dec-24	27-Dec-24	21	SDB - Strut Installation S1 (+4.5mPD)																																																																																			
SDB-1280	SDB - Excavation (+4.5 to +1.5mPD)	23	13-Nov-24	09-Dec-24	13-Nov-24	09-Dec-24	0	SDB - Excavation (+4.5 to +1.5mPD)																																																																																			
SDB-1330	SDB - Strut Installation S2 (+1.5mPD)	16	10-Dec-24	30-Dec-24	28-Dec-24	16-Jan-25	14	SDB - Strut Installation S2 (+1.5mPD)																																																																																			
SDB-1340	SDB - Excavation (+1.5 to -1.5mPD)	23	10-Dec-24	08-Jan-25	08-Jan-25	08-Jan-25	0	SDB - Excavation (+1.5 to -1.5mPD)																																																																																			
SDB-1390	SDB - Strut Installation S3 (-1.5mPD)	16	09-Jan-25	27-Jan-25	17-Jan-25	10-Feb-25	7	SDB - Strut Installation S3 (-1.5mPD)																																																																																			
SDB-1400	SDB - Excavation (-1.5 to -3.75mPD)	23	09-Jan-25	10-Feb-25	09-Jan-25	10-Feb-25	0	SDB - Excavation (-1.5 to -3.75mPD)																																																																																			
<b>SDB Structure</b>		<b>127</b>	<b>11-Feb-25</b>	<b>08-Jul-25</b>	<b>11-Feb-25</b>	<b>08-Jul-25</b>	<b>0</b>																																																																																				
SDB-1510	SDB - Structure to G/F (-3.75 to -2.2mPD)	14	11-Feb-25	26-Feb-25	11-Feb-25	26-Feb-25	0	SDB - Structure to G/F (-3.75 to -2.2mPD)																																																																																			
SDB-1530	SDB - Structure to G/F (-2.2 to 0.0mPD)	14	27-Feb-25	14-Mar-25	27-Feb-25	14-Mar-25	0	SDB - Structure to G/F (-2.2 to 0.0mPD)																																																																																			
SDB-1540	SDB - Structure to G/F (0 to +3.0mPD)	14	15-Mar-25	31-Mar-25	15-Mar-25	31-Mar-25	0	SDB - Structure to G/F (0 to +3.0mPD)																																																																																			
SDB-1550	SDB - Structure to G/F (+3.0 to +6.0mPD)	14	01-Apr-25	17-Apr-25	01-Apr-25	17-Apr-25	0	SDB - Structure to G/F (+3.0 to +6.0mPD)																																																																																			
SDB-1560	SDB - G/F to Roof (+6.0 to 9.0mPD)	15	22-Apr-25	10-May-25	22-Apr-25	10-May-25	0	SDB - G/F to Roof (+6.0 to 9.0mPD)																																																																																			
SDB-1570	SDB - G/F to Roof (+9.0 to 12.0mPD)	16	12-May-25	29-May-25	12-May-25	29-May-25	0	SDB - G/F to Roof (+9.0 to 12.0mPD)																																																																																			
SDB-1580	SDB - G/F to Roof (+12.0 to 15.0mPD)	16	30-May-25	18-Jun-25	30-May-25	18-Jun-25	0	SDB - G/F to Roof (+12.0 to 15.0mPD)																																																																																			
SDB-1590	SDB - G/F to Roof (+15.0 to 18.3mPD)	16	19-Jun-25	08-Jul-25	19-Jun-25	08-Jul-25	0	SDB - G/F to Roof (+15.0 to 18.3mPD)																																																																																			
SDB-1600	KD8 (08-Jul-25)	0		08-Jul-25*		08-Jul-25	0	KD8 (08-Jul-25)																																																																																			
<b>SDB ABWF Works</b>		<b>119</b>	<b>11-Feb-25</b>	<b>08-Jul-25</b>	<b>11-Feb-25</b>	<b>08-Jul-25</b>	<b>0</b>																																																																																				
SDB-1520	SDB - BS & ABWF Works	119	11-Feb-25	08-Jul-25	11-Feb-25	08-Jul-25	0	SDB - BS & ABWF Works																																																																																			
<b>External Works - Sludge Dewatering and Administration Buildings Perimeter</b>		<b>338</b>	<b>07-Jul-25</b>	<b>26-Aug-26</b>	<b>15-Sep-25</b>	<b>07-Nov-26</b>	<b>60</b>																																																																																				
EW-1110	SDB/ADB Perimeter - Drainage/Sewer/Watermain/Utility Installation	180	07-Jul-25	07-Feb-26	15-Sep-25	29-Apr-26	60	SDB/ADB Perimeter - Drainage/Sewer/Watermain/Utility Installation																																																																																			
EW-1130	SDB/ADB Perimeter - Road Works	158	09-Feb-26	26-Aug-26	30-Apr-26	07-Nov-26	60	SDB/ADB Perimeter - Road Works																																																																																			
<b>Underpass</b>		<b>202</b>	<b>07-Oct-24</b>	<b>29-May-25</b>	<b>23-Oct-24</b>	<b>08-Jul-25</b>	<b>34</b>																																																																																				
<b>UDP Foundation and ELS Works</b>		<b>112</b>	<b>07-Oct-24</b>	<b>13-Feb-25</b>	<b>23-Oct-24</b>	<b>22-Mar-25</b>	<b>32</b>																																																																																				
UDP-1010	UDP - Driven H-pile (8 nos @ave.1.5no./d/riq)	8	07-Oct-24	16-Oct-24	23-Oct-24	31-Oct-24	13	UDP - Driven H-pile (8 nos @ave.1.5no./d/riq)																																																																																			



- █ Remaining Level of Effort
- █ DWP Rev.7
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work

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

Project ID : DWP.DPr8\_211130a  
 Layout : DC201913 DWP rev.8  
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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022			2023			2024			2025			2026			2027			2028		
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Z2D-3020	Replacement of Screws for Rotatory Bridge	17	09-Feb-21 A	06-Mar-21 A	29-Jan-22	29-Jan-22																						
Z2D-3030	Replacement of Scraper Frame Robs	12	08-Mar-21 A	20-Mar-21 A	29-Jan-22	29-Jan-22																						
Z2D-3040	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	4	22-Mar-21 A	25-Mar-21 A	29-Jan-22	29-Jan-22																						
Z2D-3050	Reconditioning and Replacement of Scraper Driver Units	22	26-Mar-21 A	24-Apr-21 A	29-Jan-22	29-Jan-22																						
Z2D-3060	Return of all Drive Units and Centre Bearing for Reassembly	5	26-Apr-21 A	30-Apr-21 A	29-Jan-22	29-Jan-22																						
Z2D-3070	Power Reconnection and Testing	2	03-May-21 A	04-May-21 A	29-Jan-22	29-Jan-22																						
<b>FST No. 4</b>		<b>42</b>	<b>05-May-21 A</b>	<b>24-Jun-21 A</b>	<b>29-Jan-22</b>	<b>29-Jan-22</b>																						
Z2D-3080	Switch Duty from FST No. 4 to FST No. 1 or Others	2	05-May-21 A	06-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3085	Isolation and Conduct Pre-test for FST No.4	2	07-May-21 A	08-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3090	Drain Out Swage and Tank Cleaning for FST No. 4	4	10-May-21 A	13-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3095	Bamboo Scaffolding Construction	2	14-May-21 A	15-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3100	Replacement of Screws for Rotatory Bridge	10	17-May-21 A	28-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3110	Replacement of Scraper Frame Robs	12	17-May-21 A	31-May-21 A	29-Jan-22	29-Jan-22																						
Z2D-3130	Reconditioning and Replacement of Scraper Driver Units	15	29-May-21 A	16-Jun-21 A	29-Jan-22	29-Jan-22																						
Z2D-3120	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	13	01-Jun-21 A	16-Jun-21 A	29-Jan-22	29-Jan-22																						
Z2D-3140	Return of all Drive Units and Centre Bearing for Reassembly	4	17-Jun-21 A	21-Jun-21 A	29-Jan-22	29-Jan-22																						
Z2D-3150	Power Reconnection and Testing	3	22-Jun-21 A	24-Jun-21 A	29-Jan-22	29-Jan-22																						
<b>FST No. 3</b>		<b>67</b>	<b>25-Jun-21 A</b>	<b>11-Aug-21 A</b>	<b>29-Jan-22</b>	<b>29-Jan-22</b>																						
Z2D-3160	Switch Duty from FST No. 3 to FST No. 1 or Others	2	25-Jun-21 A	26-Jun-21 A	29-Jan-22	29-Jan-22																						
Z2D-3240	Isolation and Conduct Pre-test for FST No.3	2	28-Jun-21 A	29-Jun-21 A	29-Jan-22	29-Jan-22																						
Z2D-3250	Drain Out Swage and Tank Cleaning for FST No. 3	4	30-Jun-21 A	05-Jul-21 A	29-Jan-22	29-Jan-22																						
Z2D-3170	Bamboo Scaffolding Construction	2	06-Jul-21 A	07-Jul-21 A	29-Jan-22	29-Jan-22																						
Z2D-3180	Replacement of Screws for Rotatory Bridge	10	08-Jul-21 A	19-Jul-21 A	29-Jan-22	29-Jan-22																						
Z2D-3190	Replacement of Scraper Frame Robs	12	08-Jul-21 A	21-Jul-21 A	29-Jan-22	29-Jan-22																						
Z2D-3210	Reconditioning and Replacement of Scraper Driver Units	15	20-Jul-21 A	11-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3200	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	13	22-Jul-21 A	11-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3220	Return of all Drive Units and Centre Bearing for Reassembly	4	11-Aug-21 A	11-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3230	Power Reconnection and Testing	3	11-Aug-21 A	11-Aug-21 A	29-Jan-22	29-Jan-22																						
<b>FST No. 2</b>		<b>53</b>	<b>14-Aug-21 A</b>	<b>04-Oct-21 A</b>	<b>29-Jan-22</b>	<b>29-Jan-22</b>																						
Z2D-3260	Switch Duty from FST No. 2 to FST No. 1 or Others	2	14-Aug-21 A	16-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3340	Isolation and Conduct Pre-test for FST No.2	2	17-Aug-21 A	18-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3350	Drain Out Swage and Tank Cleaning for FST No. 2	4	19-Aug-21 A	23-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3270	Bamboo Scaffolding Construction	2	24-Aug-21 A	25-Aug-21 A	29-Jan-22	29-Jan-22																						
Z2D-3280	Replacement of Screws for Rotatory Bridge	10	26-Aug-21 A	10-Sep-21 A	29-Jan-22	29-Jan-22																						
Z2D-3290	Replacement of Scraper Frame Robs	12	26-Aug-21 A	13-Sep-21 A	29-Jan-22	29-Jan-22																						
Z2D-3300	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	13	07-Sep-21 A	21-Sep-21 A	29-Jan-22	29-Jan-22																						
Z2D-3310	Reconditioning and Replacement of Scraper Driver Units	15	07-Sep-21 A	24-Sep-21 A	29-Jan-22	29-Jan-22																						
Z2D-3320	Return of all Drive Units and Centre Bearing for Reassembly	4	25-Sep-21 A	29-Sep-21 A	29-Jan-22	29-Jan-22																						
Z2D-3330	Power Reconnection and Testing	3	30-Sep-21 A	04-Oct-21 A	29-Jan-22	29-Jan-22																						
<b>Overhaul Works for Aeration Tanks (A-Tank)</b>		<b>351</b>	<b>09-Nov-20 A</b>	<b>17-Jan-22</b>	<b>14-Dec-21</b>	<b>29-Jan-22</b>	<b>12</b>																					
Z2D-3360	Submit/Approve Method Statement	55	09-Nov-20 A	14-Jan-21 A	14-Dec-21	14-Dec-21																						
Z2D-3370	Procurement of parts	98	15-Jan-21 A	22-May-21 A	14-Dec-21	14-Dec-21																						
Z2D-4260	Completion of Overhaul A-Tanks	0		17-Jan-22*		29-Jan-22	12																					
<b>A-Tank No. 1</b>		<b>47</b>	<b>24-May-21 A</b>	<b>19-Jul-21 A</b>	<b>14-Dec-21</b>	<b>14-Dec-21</b>																						
Z2D-4000	Switch Duty A-Tank from No. 1 to Other Tanks	3	24-May-21 A	26-May-21 A	14-Dec-21	14-Dec-21																						
Z2D-4010	Isolation (Water/Power/Air) and Tank Cleaning	3	27-May-21 A	29-May-21 A	14-Dec-21	14-Dec-21																						
Z2D-4020	Erection of Access Platform Scaffolding	3	31-May-21 A	02-Jun-21 A	14-Dec-21	14-Dec-21																						
Z2D-4030	Replacement of Diffuser Membrane and Other Defective Components	31	03-Jun-21 A	10-Jul-21 A	14-Dec-21	14-Dec-21																						
Z2D-4040	Final Level Adjustment and Conduct Air Balancing Test	5	12-Jul-21 A	16-Jul-21 A	14-Dec-21	14-Dec-21																						
Z2D-4050	Power Reconnection and Testing	2	17-Jul-21 A	19-Jul-21 A	14-Dec-21	14-Dec-21																						
<b>A-Tank No. 2</b>		<b>69</b>	<b>20-Jul-21 A</b>	<b>18-Sep-21 A</b>	<b>14-Dec-21</b>	<b>14-Dec-21</b>																						
Z2D-4060	Switch Duty A-Tank from No. 2 to Other Tanks	3	20-Jul-21 A	22-Jul-21 A	14-Dec-21	14-Dec-21																						
Z2D-4070	Isolation (Water/Power/Air) and Tank Cleaning	3	23-Jul-21 A	26-Jul-21 A	14-Dec-21	14-Dec-21																						
Z2D-4080	Erection of Access Platform Scaffolding	3	27-Jul-21 A	29-Jul-21 A	14-Dec-21	14-Dec-21																						
Z2D-4090	Replacement of Diffuser Membrane and Other Defective Components	36	30-Jul-21 A	09-Sep-21 A	14-Dec-21	14-Dec-21																						
Z2D-4100	Final Level Adjustment and Conduct Air Balancing Test	5	10-Sep-21 A	15-Sep-21 A	14-Dec-21	14-Dec-21																						
Z2D-4110	Power Reconnection and Testing	3	16-Sep-21 A	18-Sep-21 A	14-Dec-21	14-Dec-21																						
<b>A-Tank No. 3</b>		<b>49</b>	<b>12-Aug-21 A</b>	<b>01-Dec-21</b>	<b>14-Dec-21</b>	<b>16-Dec-21</b>	<b>12</b>																					
Z2D-4150	Replacement of Diffuser Membrane and Other Defective Components	32	12-Aug-21 A	01-Dec-21	14-Dec-21	15-Dec-21	12																					
Z2D-4120	Switch Duty A-Tank from No. 3 to Other Tanks	3	20-Sep-21 A	23-Sep-21 A	14-Dec-21	14-Dec-21																						
Z2D-4130	Isolation (Water/Power/Air) and Tank Cleaning	3	24-Sep-21 A	27-Sep-21 A	14-Dec-21	14-Dec-21																						
Z2D-4140	Erection of Access Platform Scaffolding	3	28-Sep-21 A	30-Sep-21 A	14-Dec-21	14-Dec-21																						
Z2D-4160	Final Level Adjustment and Conduct Air Balancing Test	5	09-Nov-21 A	18-Nov-21 A	16-Dec-21	16-Dec-21																						
Z2D-4170	Power Reconnection and Testing	3	15-Nov-21 A	18-Nov-21 A	16-Dec-21	16-Dec-21																						
<b>A-Tank No. 4</b>		<b>37</b>	<b>10-Nov-21 A</b>	<b>17-Jan-22</b>	<b>16-Dec-21</b>	<b>29-Jan-22</b>	<b>12</b>																					
Z2D-4210	Replacement of Diffuser Membrane and Other Defective Components	34	10-Nov-21 A	07-Jan-22	20-Dec-21	20-Jan-22	12																					
Z2D-4180	Switch Duty A-Tank from No. 4 to Other Tanks	3	18-Nov-21 A	20-Nov-21 A	16-Dec-21	16-Dec-21																						
Z2D-4190	Isolation (Water/Power/Air) and Tank Cleaning	2	03-Dec-21	04-Dec-21	16-Dec-21	18-Dec-21																						


Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																																								
Z2A-1030	Trench for Sheetpile	6	02-Jul-21 A	08-Jul-21 A	02-Dec-21	02-Dec-21		Trench for Sheetpile																																																																																			
Z2A-1050	Sheetpile Installation	10	30-Sep-21 A	04-Nov-21 A	02-Dec-21	02-Dec-21		Sheetpile Installation																																																																																			
Z2A-1060	Excavation to 1st Layer of Strut	2	05-Nov-21 A	13-Nov-21 A	02-Dec-21	02-Dec-21		Excavation to 1st Layer of Strut																																																																																			
Z2A-1070	Strut and Waling Installation	7	15-Nov-21 A	17-Nov-21 A	02-Dec-21	02-Dec-21		Strut and Waling Installation																																																																																			
Z2A-1080	Excavation to Formation Level	5	18-Nov-21 A	26-Nov-21 A	02-Dec-21	02-Dec-21		Excavation to Formation Level																																																																																			
Z2A-1090	Manhole Base Slab & Wall	5	22-Nov-21 A	06-Dec-21	02-Dec-21	07-Dec-21	1	Manhole Base Slab & Wall																																																																																			
Z2A-1100	Pipe Installation (Manhole to Section before T-Joint Connection)	4	01-Dec-21	06-Dec-21	02-Dec-21	07-Dec-21	1	Pipe Installation (Manhole to Section before T-Joint Connection)																																																																																			
Z2A-1110	Manhole Wall	5	07-Dec-21	13-Dec-21	08-Dec-21	14-Dec-21	1	Manhole Wall																																																																																			
Z2A-1130	Pipe Testing	1	07-Dec-21	08-Dec-21	08-Dec-21	09-Dec-21	1	Pipe Testing																																																																																			
Z2A-1180	Strike formwork	1	14-Dec-21	15-Dec-21	15-Dec-21	16-Dec-21	1	Strike formwork																																																																																			
Z2A-1140	1st Day Work (Demolition of Existing DN1000 pipe and joint the new pipeline)	1	16-Dec-21	17-Dec-21	17-Dec-21	18-Dec-21	1	1st Day Work (Demolition of Existing DN1000 pipe and joint the new pipeline)																																																																																			
Z2A-1190	1st Night Work (cut existing DN1200 pipe inside manhole)	0	18-Dec-21*	18-Dec-21	18-Dec-21	18-Dec-21	0	1st Night Work (cut existing DN1200 pipe inside manhole)																																																																																			
Z2A-1160	Backfill Pipeline to Ground Level	6	21-Dec-21	30-Dec-21	02-Nov-27	08-Nov-27	1736	Backfill Pipeline to Ground Level																																																																																			
Z2A-1200	2nd Night work (cut existing DN1200 pipe outside manhole & cap the pipe)	0	21-Dec-21*	21-Dec-21	21-Dec-21	21-Dec-21	0	2nd Night work (cut existing DN1200 pipe outside manhole & cap the pipe)																																																																																			
Z2A-1170	Complete Zone 2A Temporary Diversion	0		30-Dec-21		08-Nov-27	1736	Complete Zone 2A Temporary Diversion																																																																																			
<b>Zone 2B : FST, Temporary RAS to Aeration Tanks</b>								<b>894</b>	<b>13-May-21 A</b>	<b>30-May-24</b>	<b>01-Dec-21</b>	<b>09-Nov-27</b>	<b>1032</b>																																																																														
Z2D-1110	Procurement of Equipment (Civil and E&M)	90	13-May-21 A	30-Nov-21 A	09-Nov-27	09-Nov-27		Procurement of Equipment (Civil and E&M)																																																																																			
Z2D-1100	Submit/Approve Method Statement for ELS	52	01-Jun-21 A	17-Jun-21 A	01-Dec-21	01-Dec-21		Submit/Approve Method Statement for ELS																																																																																			
Z2D-4300	Submit/Approve Design for Temp. RAS Pumping Station, Diversion Chamber	56	01-Jun-21 A	01-Dec-21	01-Dec-21	01-Dec-21	0	Submit/Approve Design for Temp. RAS Pumping Station, Diversion Chamber																																																																																			
<b>Temporary RAS</b>								<b>663</b>	<b>02-Dec-21</b>	<b>11-Mar-24</b>	<b>02-Dec-21</b>	<b>08-Nov-27</b>	<b>1095</b>																																																																														
Z2B-1000	Advance works including UU detection, removal of existing hard paving, Expose UU	8	02-Dec-21	10-Dec-21	02-Dec-21	10-Dec-21	0	Advance works including UU detection, removal of existing hard paving, Expose UU																																																																																			
Z2B-1010	Install sheet piles for ELS	7	11-Dec-21	18-Dec-21	11-Dec-21	18-Dec-21	0	Install sheet piles for ELS																																																																																			
Z2B-1020	ELS & Excavation	12	20-Dec-21	05-Jan-22	20-Dec-21	05-Jan-22	0	ELS & Excavation																																																																																			
Z2B-1030	Construction of Temp RAS	17	06-Jan-22	25-Jan-22	06-Jan-22	25-Jan-22	0	Construction of Temp RAS																																																																																			
Z2B-1040	Temp RAS E&M installation	35	26-Jan-22	14-Mar-22	26-Jan-22	14-Mar-22	0	Temp RAS E&M installation																																																																																			
Z2B-1200	Laying of pipes from temp. RAS to Consolidation tanks & Aeration tanks	19	26-Jan-22	23-Feb-22	21-Feb-22	14-Mar-22	16	Laying of pipes from temp. RAS to Consolidation tanks & Aeration tanks																																																																																			
Z2B-1210	T&C	15	15-Mar-22	31-Mar-22	15-Mar-22	31-Mar-22	0	T&C																																																																																			
Z2B-1190	Break Wall for connection to temporary RAS & Switch over	3	01-Apr-22	04-Apr-22	01-Apr-22	04-Apr-22	0	Break Wall for connection to temporary RAS & Switch over																																																																																			
Z2B-1180	Complete Zone 2B Temporary Diversion	0		04-Apr-22		04-Apr-22	0	Complete Zone 2B Temporary Diversion																																																																																			
Z2B-1220	Plug-off abandoned pipes	2	06-Apr-22	07-Apr-22	06-Nov-27	08-Nov-27	1659	Plug-off abandoned pipes																																																																																			
Z2D-4330	Temporary Pumping between Detritors and New PST while IW is still in progress	9	01-Mar-24	11-Mar-24	29-Feb-24	11-Mar-24	0	Temporary Pumping between Detritors and New PST while IW is still in progress																																																																																			
<b>Temporary Sewage Routing</b>								<b>90</b>	<b>01-Feb-24</b>	<b>30-May-24</b>	<b>02-Feb-24</b>	<b>30-May-24</b>	<b>0</b>																																																																														
Z2D-2140	Early Commissioning PST Stage 1	0		01-Feb-24		11-Mar-24	27	Early Commissioning PST Stage 1																																																																																			
Z2D-2130	Stage 6 - Temporary Pumping between Detritors and New PST while IW is In-Progress	27	02-Feb-24	11-Mar-24	02-Feb-24	11-Mar-24	0	Stage 6 - Temporary Pumping between Detritors and New PST while IW is In-Progress																																																																																			
Z2D-2150	Inlet Works T&C Complete	0		11-Mar-24		11-Mar-24	0	Inlet Works T&C Complete																																																																																			
Z2D-2160	Demolition of PST4	0		25-Apr-24		25-Apr-24	0	Demolition of PST4																																																																																			
Z2D-2170	Stage 6 - Temporary Routing Between New PST and Existing Aeration Tank	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	Stage 6 - Temporary Routing Between New PST and Existing Aeration Tank																																																																																			
Z2D-2180	Stage 6 - Alternate Route to Switch Back to PST 1-4 (contingency for PST 1-4 not fully operated)	28	26-Apr-24	30-May-24	26-Apr-24	30-May-24	0	Stage 6 - Alternate Route to Switch Back to PST 1-4 (contingency for PST 1-4 not fully operated)																																																																																			
<b>Demolition Works</b>								<b>392</b>	<b>01-Jun-21 A</b>	<b>31-Aug-22</b>	<b>01-Mar-22</b>	<b>08-Nov-27</b>	<b>1624</b>																																																																														
NMM-2115	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21 A	31-Mar-22	11-Jul-27	08-Nov-27	2048	PS 1.105A Noise Mitigation Measures 2021-2022																																																																																			
EBS-2125	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	Egrets Breeding Season 2022																																																																																			
<b>Advance Works</b>								<b>253</b>	<b>01-Jun-21 A</b>	<b>08-Apr-22</b>	<b>04-Apr-22</b>	<b>08-Nov-27</b>	<b>1658</b>																																																																														
Z2D-4290	Submit/Approve Design for Sheetpiles	55	01-Jun-21 A	04-Dec-21	03-Nov-27	06-Nov-27	1754	Submit/Approve Design for Sheetpiles																																																																																			
Z2D-4310	Procurement and Delivery of Sheetpiles	21	04-Sep-21 A	06-Dec-21	08-Nov-27	08-Nov-27	1754	Procurement and Delivery of Sheetpiles																																																																																			
Z2D-4280	Submit/Approve Method Statement for Sheetpiling Works	15	11-Sep-21 A	06-Dec-21	08-Nov-27	08-Nov-27	1754	Submit/Approve Method Statement for Sheetpiling Works																																																																																			
MBR-1520	MBR - Design submission of Relocation of Noise barrier/ bird curtain	43	01-Dec-21	22-Jan-22	14-Jul-27	01-Sep-27	1658	MBR - Design submission of Relocation of Noise barrier/ bird curtain																																																																																			
MBR-1480	MBR - Relocation of Noise barrier/ bird curtain	58	24-Jan-22	08-Apr-22	02-Sep-27	08-Nov-27	1658	MBR - Relocation of Noise barrier/ bird curtain																																																																																			
MBR-1490	MBR - Modification of Auxiliary PS & Wastewater PS & Associated pipes	58	24-Jan-22	08-Apr-22	02-Sep-27	08-Nov-27	1658	MBR - Modification of Auxiliary PS & Wastewater PS & Associated pipes																																																																																			
Z2D-4270	Completion Temporary Diversion zone 2B	0		04-Apr-22*		04-Apr-22	0	Completion Temporary Diversion zone 2B																																																																																			
<b>Other Existing Pumping Stations</b>								<b>23</b>	<b>06-Apr-22</b>	<b>06-May-22</b>	<b>12-May-22</b>	<b>08-Nov-27</b>	<b>1638</b>																																																																														
Z2T-152	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33)	23	06-Apr-22	06-May-22	13-Oct-27	08-Nov-27	1638	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33)																																																																																			
Z2T-154	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32)	23	06-Apr-22	06-May-22	13-Oct-27	08-Nov-27	1638	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32)																																																																																			
Z2T-154B	Demolition of Settled Sewage Overflow Chamber (31)	23	06-Apr-22	06-May-22	13-Oct-27	08-Nov-27	1638	Demolition of Settled Sewage Overflow Chamber (31)																																																																																			
Z2T-150B	Demolition of Auxiliary Pumping Station (19)	23	06-Apr-22	06-May-22	12-May-22	08-Jun-22	26	Demolition of Auxiliary Pumping Station (19)																																																																																			
<b>Final Sedimentation Tanks</b>								<b>150</b>	<b>25-Oct-21 A</b>	<b>10-May-22</b>	<b>04-Mar-22</b>	<b>08-Jun-22</b>	<b>24</b>																																																																														
Z2T-190	Demolition of Final Sedimentation Tank No. 7-8 (6)	50	25-Oct-21 A	03-Jan-22	04-Mar-22	02-Apr-22	71	Demolition of Final Sedimentation Tank No. 7-8 (6)																																																																																			
Z2T-180	Demolition of Final Sedimentation Tank No. 5-6 (6 and 37)	50	04-Jan-22	09-Mar-22	04-Apr-22	08-Jun-22	71	Demolition of Final Sedimentation Tank No. 5-6 (6 and 37)																																																																																			
Z2T-180B	Demolition of Washwater Pumping Station (18)	25	06-Apr-22	10-May-22	10-May-22	08-Jun-22	24	Demolition of Washwater Pumping Station (18)																																																																																			
<b>Mainstream Bio-Reactor &amp; Auxiliary Facility (MBR and AF)</b>								<b>1310</b>	<b>01-Dec-21</b>	<b>05-Feb-26</b>	<b>07-May-22</b>	<b>08-Nov-27</b>	<b>549</b>																																																																														
<b>Mainstream Bio-Reactor &amp; Auxiliary Facility (MBR and AF)</b>								<b>1310</b>	<b>01-Dec-21</b>	<b>05-Feb-26</b>	<b>07-May-22</b>	<b>08-Nov-27</b>	<b>549</b>																																																																														
<b>MBR Stage 1 and AF Structure</b>								<b>920</b>	<b>01-Dec-21</b>	<b>07-Nov-24</b>	<b>07-May-22</b>	<b>07-Nov-24</b>	<b>0</b>																																																																														
<b>MBR Foundation and ELS Works</b>								<b>118</b>	<b>01-Dec-21</b>	<b>03-May-22</b>	<b>07-May-22</b>	<b>26-Sep-22</b>	<b>121</b>																																																																														
MBR-1000	MBR Stage 1 - Site Clearance	25	01-Dec-21	31-Dec-21	07-May-22	07-Jun-22	121	MBR Stage 1 - Site Clearance																																																																																			
MBR-1810	MBR Stage 1 - Monitoring Installation and Pumping Test	21	01-Dec-21	24-Dec-21	13-May-22	07-Jun-22	125	MBR Stage 1 - Monitoring Installation and Pumping Test																																																																																			
MBR-1790	MBR Stage 1 - Setup and Mobilization	7	22-Dec-21	31-Dec-21	30-May-22	07-Jun-22	121	MBR Stage 1 - Setup and Mobilization																																																																																			
MBR-1650	MBR Stage 1 - ELS Excavation (+5.0 to +4.0mPD)	15	03-Jan-22	19-Jan-22	08-Jun-22	24-Jun-22	121	MBR Stage 1 - ELS Excavation (+5.0 to +4.0mPD)																																																																																			
MBR-1670	MBR Stage 1 - Strut Installation S1 (+4.0mPD)	7	20-Jan-22	27-Jan-22	25-Jun-22	04-Jul-22	121	MBR Stage 1 - Strut Installation S1 (+4.0mPD)																																																																																			
MBR-1680	MBR Stage 1 - ELS Excavation (+4.0 to +0.5mPD)	15	20-Jan-22	12-Feb-22	25-Jun-22	13-Jul-22	121	MBR Stage 1 - ELS Excavation (+4.0 to +0.5mPD)																																																																																			
MBR-1690	MBR Stage 1 - Strut Installation S2 (+0.5mPD)	7	14-Feb-22	21-Feb-22	14-Jul-22	21-Jul-22	121	MBR Stage 1 - Strut Installation S2 (+0.5mPD)																																																																																			
MBR-1700	MBR Stage 1 - ELS Excavation (+0.5 to -2.5mPD)	15	14-Feb-22	02-Mar-22	14-Jul-22	30-Jul-22	121	MBR Stage 1 - ELS Excavation (+0.5 to -2.5mPD)																																																																																			
MBR-1710	MBR Stage 1 - Strut Installation S3 (-2.5mPD)	7	03-Mar-22	10-Mar-22	01-Aug-22	08-Aug-22	121	MBR Stage 1 - Strut Installation S3 (-2.5mPD)																																																																																			
MBR-1720	MBR Stage 1 - ELS Excavation (-2.5 to -5.5mPD)	15	03-Mar-22	19-Mar-22	01-Aug-22	17-Aug-22	121	MBR Stage 1 - ELS Excavation (-2.5 to -5.5mPD)																																																																																			
MBR-1730	MBR Stage 1 - Strut Installation S4 (-5.5mPD)	7	21-Mar-22	28-Mar-22	18-Aug-22	25-Aug-22	121	MBR Stage 1 - Strut Installation S4 (-5.5mPD)																																																																																			
MBR-1740	MBR Stage 1 - ELS Excavation (-5.5 to -9.3mPD)	15	21-Mar-22	07-Apr-22	18-Aug-22	03-Sep-22	121	MBR Stage 1 - ELS Excavation (-5.5 to -9.3mPD)																																																																																			
MBR-1770	MBR Stage 1 - Strut Installation S5 (-8.2mPD)	7	08-Apr-22	19-Apr-22	05-Sep-22	13-Sep-22	121	MBR Stage 1 - Strut Installation S5 (-8.2mPD)																																																																																			
MBR-1780	MBR Stage 1 - ELS Excavation (-9.3 to -12.3mPD)	18	08-Apr-22	03-May-22	05-Sep-22	26-Sep-22	121	MBR Stage 1 - ELS Excavation (-9.3 to -12.3mPD)																																																																																			

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

## Detailed Works Programme

Project ID : DWP.DPr8\_211130a  
 Layout : DC201913 DWP rev.8  
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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		



- █ Remaining Level of Effort
- █ DWP Rev.7
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work

PAUL Y-CREC JOINT VENTURE

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022			2023			2024			2025			2026			2027			2028								
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
<b>MBR Foundation and ELS Works Stage 2</b>								216	01-Mar-24	07-Nov-24	01-Mar-24	07-Nov-24	0																					
MBR-1240	Egrets Breeding Season 2024	184	01-Mar-24*	31-Aug-24	01-Mar-24	31-Aug-24	0																											
MBR-1280	MBR Stage 2 - Site Clearance	9	26-Apr-24	07-May-24	11-May-24	22-May-24	12																											
MBR-1450	MBR Stage 2 - Site Setup & Mobilization	7	08-May-24	16-May-24	23-May-24	30-May-24	12																											
MBR-1290	MBR Stage 2 - Sheet Piles Install (9,286m <sup>2</sup> @ 120m <sup>2</sup> /d)	77	31-May-24	30-Aug-24	31-May-24	30-Aug-24	0																											
MBR-1470	MBR Stage 2 - Monitoring Installation and Pumping Test	21	07-Aug-24	30-Aug-24	07-Aug-24	30-Aug-24	0																											
MBR-1300	MBR Stage 2 - ELS Excavation (+5.0 to +4.0mPD)	11	31-Aug-24	12-Sep-24	31-Aug-24	12-Sep-24	0																											
MBR-1310	MBR Stage 2 - Strut Installation S1 (+4.0mPD)	5	13-Sep-24	19-Sep-24	16-Oct-24	21-Oct-24	25																											
MBR-1320	MBR Stage 2 - ELS Excavation (+4.0 to +0.5mPD)	11	13-Sep-24	26-Sep-24	13-Sep-24	26-Sep-24	0																											
MBR-1330	MBR Stage 2 - Strut Installation S2 (+0.5mPD)	5	27-Sep-24	03-Oct-24	22-Oct-24	26-Oct-24	19																											
MBR-1340	MBR Stage 2 - ELS Excavation (+0.5 to -2.5mPD)	11	27-Sep-24	10-Oct-24	27-Sep-24	10-Oct-24	0																											
MBR-1350	MBR Stage 2 - Strut Installation S3 (-2.5mPD)	5	12-Oct-24	17-Oct-24	28-Oct-24	01-Nov-24	13																											
MBR-1360	MBR Stage 2 - ELS Excavation (-2.5 to -5.5mPD)	11	12-Oct-24	24-Oct-24	12-Oct-24	24-Oct-24	0																											
MBR-1370	MBR Stage 2 - Strut Installation S4 (-5.5mPD)	5	25-Oct-24	30-Oct-24	02-Nov-24	07-Nov-24	7																											
MBR-1380	MBR Stage 2 - ELS Excavation (-5.5 to -9.3mPD)	12	25-Oct-24	07-Nov-24	25-Oct-24	07-Nov-24	0																											
<b>MBR Structure Stage 1</b>								441	04-May-22	30-Oct-23	27-Sep-22	02-Apr-24	121																					
MBR-1560	MBR Stage 1 - Base/Grd Floor Slab	77	04-May-22	04-Aug-22	27-Sep-22	29-Dec-22	121																											
MBR-1570	MBR Stage 1 - Wal and 1/F Slab	62	05-Aug-22	19-Oct-22	30-Dec-22	20-Mar-23	121																											
MBR-1640	MBR Stage 1 - Wal and Fof Slab	62	20-Oct-22	03-Jan-23	21-Mar-23	07-Jun-23	121																											
MBR-1580	MBR Stage 1 - BS and ABWF Works	240	04-Jan-23	30-Oct-23	08-Jun-23	02-Apr-24	121																											
<b>Ancillary Facilities Structure Stage 1</b>								138	05-Aug-22	19-Jan-23	15-Jun-23	28-Nov-23	251																					
MBR-1550	Construct Ancillary Facilities - Structure Ground Floor	46	05-Aug-22	28-Sep-22	15-Jun-23	09-Aug-23	251																											
MBR-1750	Construct Ancillary Facilities - Structure First Floor	46	29-Sep-22	23-Nov-22	10-Aug-23	04-Oct-23	251																											
MBR-1760	Construct Ancillary Facilities - Structure Roof Floor	46	24-Nov-22	19-Jan-23	05-Oct-23	28-Nov-23	251																											
<b>MBR Stage 1 E&amp;M Installation</b>								320	25-Apr-23	27-May-24	30-Nov-23	21-Oct-24	121																					
MBR-1620	MBR - E&M Stage 1 AGS System	170	25-Apr-23	16-Nov-23	30-Nov-23	04-Jul-24	181																											
MBR-1800	MBR Stage 1 - E&M Handover	0	25-Apr-23		30-Nov-23		181																											
MBR-1630	MBR - E&M Stage 1 Sludge Pre-thickeners System	170	26-Apr-23	17-Nov-23	30-Nov-23	04-Jul-24	180																											
MBR-1590	MBR - E&M Stage 1 Penstock/stoplogs	75	31-Oct-23	29-Jan-24	03-Apr-24	04-Jul-24	121																											
MBR-1600	MBR - E&M Stage 1 Instrumentation	45	30-Jan-24	28-Mar-24	05-Jul-24	26-Aug-24	121																											
MBR-1610	MBR - E&M Stage 1 Electrical (Cabling/LCP, Termination)	90	30-Jan-24	27-May-24	05-Jul-24	21-Oct-24	121																											
MBR-1660	MBR - E&M Stage 1 BS Installation (ELV, Ventilation, FS, PD)	90	30-Jan-24	27-May-24	05-Jul-24	21-Oct-24	121																											
<b>MBR Stage 2 Structure</b>								308	08-Nov-24	24-Nov-25	08-Nov-24	05-Feb-26	60																					
<b>MBR Structure Stage 2</b>								308	08-Nov-24	24-Nov-25	08-Nov-24	19-Jan-26	45																					
MBR-1390	MBR Stage 2 - Base/Grd Floor Slab	40	08-Nov-24	24-Dec-24	08-Nov-24	24-Dec-24	0																											
MBR-1400	MBR Stage 2 - Wal and 1/F Slab	44	27-Dec-24	22-Feb-25	27-Dec-24	22-Feb-25	0																											
MBR-1420	MBR Stage 2 - Wal and Fof Slab	44	24-Feb-25	16-Apr-25	24-Feb-25	16-Apr-25	0																											
MBR-1430	MBR Stage 2 - BS and ABWF Works	180	17-Apr-25	24-Nov-25	16-Jun-25	19-Jan-26	45																											
<b>MBR Stage 2 E&amp;M Installation</b>								118	17-Apr-25	09-Sep-25	17-Apr-25	05-Feb-26	122																					
ATALMBR-1030	MBR - E&M Stage 2 AGS System	70	17-Apr-25	15-Jul-25	17-Apr-25	15-Jul-25	0																											
ATALMBR-1040	MBR - E&M Stage 2 Sludge Pre-thickeners System	70	17-Apr-25	15-Jul-25	17-Apr-25	15-Jul-25	0																											
ATALMBR-1050	MBR - E&M Stage 2 Penstock/stoplogs	48	17-Apr-25	18-Jun-25	19-May-25	15-Jul-25	22																											
ATALMBR-1049	MBR Stage 2 - E&M Handover	0	17-Apr-25		19-May-25		22																											
ATALMBR-1060	MBR - E&M Stage 2 Instrumentation	24	16-Jul-25	12-Aug-25	16-Jul-25	12-Aug-25	0																											
ATALMBR-1070	MBR - E&M Stage 2 Electrical (Cabling/LCP, Termination)	30	16-Jul-25	19-Aug-25	02-Jan-26	05-Feb-26	140																											
ATALMBR-1080	MBR - E&M Stage 2 BS Installation (ELV, Ventilation, FS, PD)	48	16-Jul-25	09-Sep-25	16-Jul-25	09-Sep-25	0																											
<b>MBR and AF E&amp;M T&amp;C</b>								531	28-May-24	05-Feb-26	22-Oct-24	05-Feb-26	0																					
ATALMBR-1100	MBR - AGS Stage 1 - T&C - Equipment SAT	87	28-May-24	07-Sep-24	22-Oct-24	08-Feb-25	121																											
ATALMBR-1180	MBR - AGS T&C - Seeding (20,000 m3/d)	16	09-Sep-24	27-Sep-24	10-Feb-25	27-Feb-25	121																											
ATALMBR-1190	AGS - T&C - Sludge Stabilisation (20,000 m3/d)	110	28-Sep-24	14-Feb-25	28-Feb-25	15-Jul-25	121																											
ATALMBR-1200	AGS - T&C - Process Start-up (35,000 m3/d)	70	15-Feb-25	14-May-25	16-Jul-25	06-Oct-25	121																											
ATALMBR-1210	AGS - T&C - 7 Days Demonstration (35,000 m3/d)	6	15-May-25	21-May-25	08-Oct-25	14-Oct-25	121																											
ATALMBR-1220	AGS - T&C - Process Commissioning (35,000 m3/d)	24	22-May-25	19-Jun-25	15-Oct-25	12-Nov-25	121																											
ATALMBR-1250	MBR - AGS Testing and Commissioning Plan Submission and Approval	120	21-Jun-25	12-Nov-25	21-Jun-25	12-Nov-25	0																											
ATALMBR-1170	MBR - AGS Stage 2 - T&C - Equipment SAT	52	10-Sep-25	12-Nov-25	10-Sep-25	12-Nov-25	0																											
ATALMBR-1260	AGS - Installation, Set-Up & T&C for SCADA System	14	27-Oct-25	12-Nov-25	27-Oct-25	12-Nov-25	0																											
ATALMBR-1230	AGS - T&C - System Commissioning (60,000 m3/d) (KD4)	70	13-Nov-25	05-Feb-26	13-Nov-25	05-Feb-26	0																											
ATALMBR-1240	AGS - FS Inspection and Fire Certificate	32	30-Dec-25	05-Feb-26	30-Dec-25	05-Feb-26	0																											
ATALMBR-1270	AGS - Plant Service Water System (PSW) Installation & T&C	30	02-Jan-26	05-Feb-26	02-Jan-26	05-Feb-26	0																											
PKD30	Achieve 60,000m3/d Flowrate (KD4)	0		05-Feb-26		05-Feb-26	0																											
<b>External Works - Mainstream Bio-Reactor System Perimeter</b>								172	17-Apr-25	14-Nov-																								

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026												2027												2028											
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																																							
TTS-1070	TTS - Box Raft Foundation (-2.4 to -0.80mPD)	30	02-Nov-22	06-Dec-22	30-Nov-22	06-Jan-23	24	TTS - Box Raft Foundation (-2.4 to -0.80mPD)																																																																																			
<b>Structure</b>		<b>280</b>	<b>07-Dec-22</b>	<b>21-Nov-23</b>	<b>07-Jan-23</b>	<b>19-Dec-23</b>	<b>24</b>																																																																																				
TTS-1080	TTS - Wall to G/FSlab (-0.8mPD to +2.7mPD)	60	07-Dec-22	24-Feb-23	07-Jan-23	24-Mar-23	24	TTS - Wall to G/FSlab (-0.8mPD to +2.7mPD)																																																																																			
TTS-1090	TTS - Wall to G/FSlab (+2.7mPD to +6.2mPD)	60	25-Feb-23	11-May-23	25-Mar-23	09-Jun-23	24	TTS - Wall to G/FSlab (+2.7mPD to +6.2mPD)																																																																																			
TTS-1100	TTS - Structure to Roof (+6.2mPD to +9.4mPD)	60	12-May-23	24-Jul-23	10-Jun-23	21-Aug-23	24	TTS - Structure to Roof (+6.2mPD to +9.4mPD)																																																																																			
TTS-1110	TTS - Structure to Roof (+9.4mPD to +12.6mPD)	60	25-Jul-23	04-Oct-23	22-Aug-23	02-Nov-23	24	TTS - Structure to Roof (+9.4mPD to +12.6mPD)																																																																																			
TTS-1120	TTS - Structure to Roof (+12.6mPD to +15.75mPD)	40	05-Oct-23	21-Nov-23	03-Nov-23	19-Dec-23	24	TTS - Structure to Roof (+12.6mPD to +15.75mPD)																																																																																			
<b>BS &amp; ABWF Works</b>		<b>390</b>	<b>05-Oct-23</b>	<b>04-Feb-25</b>	<b>14-Oct-24</b>	<b>05-Feb-26</b>	<b>300</b>	TTS - BS and ABWF Works																																																																																			
TTS-1130	TTS - BS and ABWF Works	390	05-Oct-23	04-Feb-25	14-Oct-24	05-Feb-26	300	TTS - BS and ABWF Works																																																																																			
<b>E&amp;M Installation Works</b>		<b>320</b>	<b>22-Nov-23</b>	<b>21-Dec-24</b>	<b>20-Dec-23</b>	<b>31-Dec-25</b>	<b>300</b>																																																																																				
TTS-1140	TTS - Disc Filter System, UV Disinfection System, Effluent Pumping Station & DO System	148	22-Nov-23	29-May-24	20-Dec-23	27-Jun-24	24	TTS - Disc Filter System, UV Disinfection System, Effluent Pumping Station & DO System																																																																																			
TTS-1150	TTS - Penstocks & Stoplogs, Pipework, Valves & Accessories	148	22-Nov-23	29-May-24	20-Dec-23	27-Jun-24	24	TTS - Penstocks & Stoplogs, Pipework, Valves & Accessories																																																																																			
TTS-1139	TTS - E&M Handover	0	22-Nov-23		20-Dec-23		24	TTS - E&M Handover																																																																																			
TTS-1160	TTS - Instrumentation	48	30-May-24	26-Jul-24	28-Jun-24	23-Aug-24	24	TTS - Instrumentation																																																																																			
TTS-1170	TTS - Electrical Works (Cabling / LCP Termination)	124	27-Jul-24	21-Dec-24	24-Aug-24	22-Jan-25	24	TTS - Electrical Works (Cabling / LCP Termination)																																																																																			
TTS-1180	TTS - BS Installation (ELV, Ventilation, FS, PD)	124	27-Jul-24	21-Dec-24	24-Aug-24	22-Jan-25	24	TTS - BS Installation (ELV, Ventilation, FS, PD)																																																																																			
TTS-1240	TTS - Plant Service Water System (PSW) Installation	30	18-Nov-24	21-Dec-24	25-Nov-25	31-Dec-25	300	TTS - Plant Service Water System (PSW) Installation																																																																																			
TTS-1185	TTS - Installation, Set-Up & T&C for SCADA System	14	06-Dec-24	21-Dec-24	07-Jan-25	22-Jan-25	24	TTS - Installation, Set-Up & T&C for SCADA System																																																																																			
<b>Testing and Commissioning (T&amp;C) - KD4</b>		<b>328</b>	<b>23-Dec-24</b>	<b>08-Jan-26</b>	<b>23-Jan-25</b>	<b>05-Feb-26</b>	<b>24</b>																																																																																				
TTS-1190	TTS - T&C - Equipment SAT	208	23-Dec-24	09-Sep-25	23-Jan-25	09-Oct-25	24	TTS - T&C - Equipment SAT																																																																																			
TTS-1200	TTS - T&C - System Commissioning (60,000 m3/d) (KD4)	98	10-Sep-25	08-Jan-26	10-Oct-25	05-Feb-26	24	TTS - T&C - System Commissioning (60,000 m3/d) (KD4)																																																																																			
TTS-1210	TTS - FS Inspection and Fire Certificate	50	08-Nov-25	08-Jan-26	06-Dec-25	05-Feb-26	24	TTS - FS Inspection and Fire Certificate																																																																																			
TTS-1250	TTS - T&C - Plant Service Water System (PSW)	30	02-Dec-25	08-Jan-26	02-Jan-26	05-Feb-26	24	TTS - T&C - Plant Service Water System (PSW)																																																																																			
TTS-1220	TTS - E&M Works Complete	0		08-Jan-26		05-Feb-26	24	TTS - E&M Works Complete																																																																																			
PKD4a	Achieve 60,000m3/d Flowrate (KD4)	0		08-Jan-26		05-Feb-26	28	Achieve 60,000m3/d Flowrate (KD4)																																																																																			
<b>External Works -Tertiary Treatment System Perimeter</b>		<b>240</b>	<b>16-Nov-24</b>	<b>10-Sep-25</b>	<b>07-Jul-25</b>	<b>29-Apr-26</b>	<b>183</b>																																																																																				
EW-1100	TTS Perimeter - Drainage/Sewer/Watermain/Utility Installation	150	16-Nov-24	26-May-25	07-Jul-25	03-Jan-26	183	TTS Perimeter - Drainage/Sewer/Watermain/Utility Installation																																																																																			
EW-1070	TTS Perimeter - Process Pipe Installation	120	16-Nov-24	15-Apr-25	07-Jul-25	26-Nov-25	183	TTS Perimeter - Process Pipe Installation																																																																																			
EW-1120	TTS Perimeter - Road Works	90	27-May-25	10-Sep-25	05-Jan-26	29-Apr-26	183	TTS Perimeter - Road Works																																																																																			
<b>Zone 3 Construction</b>		<b>1878</b>	<b>09-Nov-20 A</b>	<b>08-Nov-26</b>	<b>30-Nov-21</b>	<b>09-Nov-27</b>	<b>313</b>																																																																																				
<b>Temporary Works Design</b>		<b>408</b>	<b>15-Nov-21 A</b>	<b>11-Jan-23</b>	<b>12-Dec-21</b>	<b>31-Jan-23</b>	<b>20</b>																																																																																				
<b>UC (Utilities Corridor)</b>		<b>107</b>	<b>01-Dec-21</b>	<b>17-Mar-22</b>	<b>12-Dec-21</b>	<b>28-Mar-22</b>	<b>11</b>																																																																																				
TWD-1230	ELS for Utilities Corridor (UC) - ICE Period Submission	30	01-Dec-21*	30-Dec-21	12-Dec-21	10-Jan-22	11	ELS for Utilities Corridor (UC) - ICE Period Submission																																																																																			
TWD-1240	ELS for Utilities Corridor (UC) - ICE Review Period	28	31-Dec-21	27-Jan-22	11-Jan-22	07-Feb-22	11	ELS for Utilities Corridor (UC) - ICE Review Period																																																																																			
TWD-1250	ELS for Utilities Corridor (UC) - PM Review Period	49	28-Jan-22	17-Mar-22	08-Feb-22	28-Mar-22	11	ELS for Utilities Corridor (UC) - PM Review Period																																																																																			
TWD-1260	ELS for Utilities Corridor (UC) - Consent Date	0		17-Mar-22*		28-Mar-22	11	ELS for Utilities Corridor (UC) - Consent Date																																																																																			
<b>Sludge Thickening Building (STB)</b>		<b>170</b>	<b>24-Jan-22</b>	<b>12-Jul-22</b>	<b>28-Jan-22</b>	<b>16-Jul-22</b>	<b>4</b>																																																																																				
TWD-1270	ELS for Sludge Thickening Building (STB) - ICE Period Submission	30	24-Jan-22*	22-Feb-22	28-Jan-22	26-Feb-22	4	ELS for Sludge Thickening Building (STB) - ICE Period Submission																																																																																			
TWD-1280	ELS for Sludge Thickening Building (STB) - ICE Review Period	28	23-Feb-22	22-Mar-22	27-Feb-22	26-Mar-22	4	ELS for Sludge Thickening Building (STB) - ICE Review Period																																																																																			
TWD-1290	ELS for Sludge Thickening Building (STB) - PM Review Period	49	23-Mar-22	10-May-22	27-Mar-22	14-May-22	4	ELS for Sludge Thickening Building (STB) - PM Review Period																																																																																			
TWD-1300	ELS for Sludge Thickening Building (STB) - Consent Date	0		12-Jul-22*		16-Jul-22	4	ELS for Sludge Thickening Building (STB) - Consent Date																																																																																			
<b>Biogas Holder (BH)</b>		<b>95</b>	<b>15-Nov-21 A</b>	<b>04-Mar-22</b>	<b>13-Dec-21</b>	<b>16-Mar-22</b>	<b>12</b>																																																																																				
TWD-1310	Ground Improvement for Biogas Holder (BH) - ICE Period Submission	30	15-Nov-21 A	04-Dec-21	13-Dec-21	16-Dec-21	12	Ground Improvement for Biogas Holder (BH) - ICE Period Submission																																																																																			
TWD-1320	Ground Improvement for Biogas Holder (BH) - ICE Review Period	27	05-Dec-21	31-Dec-21	17-Dec-21	12-Jan-22	12	Ground Improvement for Biogas Holder (BH) - ICE Review Period																																																																																			
TWD-1330	Ground Improvement for Biogas Holder (BH) - PM Review Period	49	01-Jan-22	18-Feb-22	13-Jan-22	02-Mar-22	12	Ground Improvement for Biogas Holder (BH) - PM Review Period																																																																																			
TWD-1340	Ground Improvement for Biogas Holder (BH) - Consent Date	0		04-Mar-22*		16-Mar-22	12	Ground Improvement for Biogas Holder (BH) - Consent Date																																																																																			
<b>Sludge Digester (SD)</b>		<b>353</b>	<b>24-Jan-22</b>	<b>11-Jan-23</b>	<b>13-Feb-22</b>	<b>31-Jan-23</b>	<b>20</b>																																																																																				
TWD-1350	ELS for Sludge Digesters (SD) - ICE Period Submission	30	24-Jan-22*	22-Feb-22	13-Feb-22	14-Mar-22	20	ELS for Sludge Digesters (SD) - ICE Period Submission																																																																																			
TWD-1360	ELS for Sludge Digesters (SD) - ICE Review Period	28	23-Feb-22	22-Feb-22	15-Mar-22	11-Apr-22	20	ELS for Sludge Digesters (SD) - ICE Review Period																																																																																			
TWD-1370	ELS for Sludge Digesters (SD) - PM Review Period	49	23-Mar-22	10-May-22	12-Apr-22	30-May-22	20	ELS for Sludge Digesters (SD) - PM Review Period																																																																																			
TWD-1380	ELS for Sludge Digesters (SD) - Consent Date	0		11-Jan-23*		31-Jan-23	20	ELS for Sludge Digesters (SD) - Consent Date																																																																																			
<b>Stage 1</b>		<b>1878</b>	<b>09-Nov-20 A</b>	<b>07-Nov-26</b>	<b>30-Nov-21</b>	<b>09-Nov-27</b>	<b>313</b>																																																																																				
Z3S1	Confirm Zone 3 Temporary Diversion Scheme	0		16-Jun-21 A		09-Nov-27		Zone 3 Temporary Diversion Scheme																																																																																			
PKD20	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8Jan24)	0		16-Dec-23*		08-Jan-24	23	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8Jan24)																																																																																			
PPKD14	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at AWDF (5 Feb 26)	0		13-Jan-25*		05-Feb-26	388	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at AWDF (5 Feb 26)																																																																																			
PSC13	Section 3- Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0		07-Nov-26*		08-Nov-26	1	Section 3- Remainder of the Works, except Land																																																																																			
<b>Overhaul Works At Existing SHT Footprint</b>		<b>202</b>	<b>09-Nov-20 A</b>	<b>21-Jul-21 A</b>	<b>17-Mar-22</b>	<b>09-Nov-27</b>																																																																																					
Z3S1a.7-40	Completion Overhaul SHT No. 3 and No. 4	0		21-Jul-21 A		09-Nov-27		Completion Overhaul SHT No. 3 and No. 4																																																																																			
<b>Overhaul at SHT</b>		<b>202</b>	<b>09-Nov-20 A</b>	<b>21-Jul-21 A</b>	<b>17-Mar-22</b>	<b>17-Mar-22</b>																																																																																					
ATALZ3S1A-2000	Method Statement / PMAC Submission and Approval for SHTs	67	09-Nov-20 A	28-Jan-21 A	17-Mar-22	17-Mar-22		Method Statement / PMAC Submission and Approval for SHTs																																																																																			
ATALZ3S1A-2010	Removal of Sludge at SHT 1	41	29-Jan-21 A	24-Mar-21 A	17-Mar-22	17-Mar-22		Removal of Sludge at SHT 1																																																																																			
ATALZ3S1A-2020	Removal of Sludge at SHT 2	36	09-Mar-21 A	23-Apr-21 A	17-Mar-22	17-Mar-22		Removal of Sludge at SHT 2																																																																																			
ATALZ3S1A-2030	Switch Duty to SHT 1 & 2 and Isolation of SHT 3 & 4	2	24-Apr-21 A	26-Apr-21 A	17-Mar-22	17-Mar-22		Switch Duty to SHT 1 & 2 and Isolation of SHT 3 & 4																																																																																			
ATALZ3S1A-2040	Removal of Sludge at SHT 3	38	27-Apr-21 A	11-Jun-21 A	17-Mar-22	17-Mar-22		Removal of Sludge at SHT 3																																																																																			
ATALZ3S1A-2050	Removal of Sludge at SHT 4	49	24-May-21 A	21-Jul-21 A	17-Mar-22	17-Mar-22		Removal of Sludge at SHT 4																																																																																			
<b>Overhaul Works At Existing SDT Footprint</b>		<b>363</b>	<b>09-Nov-20 A</b>	<b>31-Dec-21</b>	<b>20-Dec-21</b>	<b>26-May-22</b>	<b>112</b>																																																																																				
Z3S1a.7-30	Completion Overhaul SDT No. 3 and No. 4 (Partial Completion)	0		02-Oct-21 A		26-May-22		Completion Overhaul SDT No. 3 and No. 4 (Partial Completion)																																																																																			
Z3S1a.7-80	Completion Overhaul SDT No. 3 and No. 4 (Completion up to Postponed Works)	0		31-Dec-21		26-May-22	112	Completion Overhaul SDT No. 3 and No. 4 (Completion up to Postponed Works)																																																																																			
<b>SDT No. 1 and 2</b>		<b>105</b>	<b>09-Nov-20 A</b>	<b>20-Mar-21 A</b>	<b>20-Dec-21</b>	<b>20-Dec-21</b>																																																																																					
ATALZ3S1-1000	Method Statement / PMAC Submission and Approval for SDTs	40	09-Nov-20 A	24-Dec-20 A	20-Dec-21	20-Dec-21		Method Statement / PMAC Submission and Approval for SDTs																																																																																			
ATALZ3S1-1010	Overhaul of Bell Valves, Air Relief Valves, Sludge Feed Valves for SDT No. 1 & 2	16	28-Dec-20 A	15-Jan-21 A	20-Dec-21	20-Dec-21		Overhaul of Bell Valves, Air Relief Valves, Sludge Feed Valves for SDT No. 1 & 2																																																																																			
ATALZ3S1-1020	Water Filling and Purging of SDT 1 & 2	17	16-Jan-21 A	04-Feb-21 A	20-Dec-21	20-Dec-21		Water Filling and Purging of SDT 1 & 2																																																																																			
ATALZ3S1-1060	Recommissioning of SDT No. 1 & 2	14	05-Feb-21 A	27-Feb-21 A	20-Dec-21	20-Dec-21		Recommissioning of SDT No. 1 & 2																																																																																			
Z3S1A-2040	Temporary Sludge Pipework Connection to the Methane Compressor House at Existing SDT	18	01-Mar-21 A	20-Mar-21 A	20-Dec-21	20-Dec-21		Temporary Sludge Pipework Connection to the Methane Compressor House at Existing SDT																																																																																			
<b>SDT No. 3 and 4</b>		<b>276</b>	<b>01-Mar-21 A</b>	<b>31-Dec-21</b>	<b>20-Dec-21</b>	<b>26-May-22</b>	<b>112</b>																																																																																				



█ Remaining Level of Effort  
█ DWP Rev.7  
█ Actual Work  
█ Remaining Work  
█ Critical Remaining Work

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

### Detailed Works Programme

Project ID : DWP.DPR8\_211130a  
 Layout : DC201913 DWP rev.8  
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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Nov-21	Rev. 8		
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022			2023				2024				2025				2026				2027				2028									
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
ATALZ3S1-1070	Isolation of No. 3 & 4 and Conduct Water Filling and Purging	19	01-Mar-21 A	22-Mar-21 A	20-Dec-21	20-Dec-21		b. 3 & 4 and Conduct Water Filling and Purging																																
ATALZ3S1-1080	Removal of Tanks Cover and Set Up of Ventilation Fan for SDT No. 3 & 4	5	23-Mar-21 A	27-Mar-21 A	20-Dec-21	20-Dec-21		Tanks Cover and Set Up of Ventilation Fan for SDT No. 3 & 4																																
ATALZ3S1-1090	Modify Sludge Feed Pipe and Drain Sludge to Level Below the Side Access Manhole	32	29-Mar-21 A	10-May-21 A	20-Dec-21	20-Dec-21		Sludge Feed Pipe and Drain Sludge to Level Below the Side Access Manhole																																
ATALZ3S1-1100	Confine Space Assessment	4	11-May-21 A	14-May-21 A	20-Dec-21	20-Dec-21		Space Assessment																																
ATALZ3S1-1110	Manual Removal of Remaining Bottom Sediments for SDT 3 & 4 at Stage 1	96	15-May-21 A	07-Sep-21 A	20-Dec-21	20-Dec-21		Manual Removal of Remaining Bottom Sediments for SDT 3 & 4 at Stage 1																																
ATALZ3S1-1130	Water Filling of SDT No. 3 & 4 with Purging for Recommissioning	16	11-Sep-21 A	02-Oct-21 A	20-Dec-21	20-Dec-21		Water Filling of SDT No. 3 & 4 with Purging for Recommissioning																																
ATALZ3S1-1120	Tools Removal and Final Inspection	4	30-Sep-21 A	02-Oct-21 A	20-Dec-21	20-Dec-21		Tools Removal and Final Inspection																																
ATALZ3S1-2220	Postponed Works up to End of Dec 2021	52	30-Oct-21 A	31-Dec-21	26-Apr-22	26-May-22	112	Postponed Works up to End of Dec 2021																																
<b>Procurement and Delivery</b>								119	09-Jul-21 A	17-Jan-22	01-Dec-21	09-Nov-27	1721																											
<b>Pipe &amp; Fittings - DI (Zone 3A &amp; Zone 3B)</b>								114	09-Jul-21 A	03-Jan-22	14-Dec-21	09-Nov-27	1733																											
Z3-000010	Batch 1 - Procurement and Delivery	75	09-Jul-21 A	07-Oct-21 A	09-Nov-27	09-Nov-27		Batch 1 - Procurement and Delivery																																
Z3-000020	Batch 2 - Procurement and Delivery	97	06-Aug-21 A	03-Jan-22	15-Dec-21	17-Jan-22	12	Batch 2 - Procurement and Delivery																																
Z3-000030	Batch 3 - Procurement and Delivery	67	08-Sep-21 A	31-Dec-21	15-Dec-21	15-Jan-22	12	Batch 3 - Procurement and Delivery																																
Z3-000040	Batch 4(DN900) - Procurement and Delivery	84	20-Sep-21 A	03-Jan-22	14-Dec-21	15-Jan-22	11	Batch 4(DN900) - Procurement and Delivery																																
Z3-000050	Batch 5 - Procurement and Delivery	83	21-Sep-21 A	03-Jan-22	14-Dec-21	15-Jan-22	11	Batch 5 - Procurement and Delivery																																
<b>Pipe &amp; Fittings - Hotwater: MS-GI-DI (Zone 3A)</b>								34	06-Aug-21 A	15-Sep-21 A	18-Jan-22	18-Jan-22																												
Z3-000060	Batch 1 - Procurement and Delivery	34	06-Aug-21 A	15-Sep-21 A	18-Jan-22	18-Jan-22		Batch 1 - Procurement and Delivery																																
<b>Pipe &amp; Fittings - SS316L (Zone 3A)</b>								119	30-Jul-21 A	20-Dec-21	28-Dec-21	17-Jan-22	21																											
Z3-000070	Batch 1 - Procurement and Delivery	119	30-Jul-21 A	20-Dec-21	28-Dec-21	17-Jan-22	21	Batch 1 - Procurement and Delivery																																
Z3-000080	Batch 2 - Procurement and Delivery	95	27-Aug-21 A	20-Dec-21	28-Dec-21	17-Jan-22	21	Batch 2 - Procurement and Delivery																																
<b>Valve - Ball Valve (GAS) (Zone 3A)</b>								116	27-Aug-21 A	17-Jan-22	01-Dec-21	17-Jan-22	0																											
Z3-000090	Batch 1 - Procurement and Delivery	116	27-Aug-21 A	17-Jan-22	01-Dec-21	17-Jan-22	0	Batch 1 - Procurement and Delivery																																
<b>Valve - Gate Valve (Sludge, Sewage) (Zone 3A &amp; Zone 3B)</b>								96	06-Sep-21 A	03-Jan-22	14-Dec-21	15-Jan-22	11																											
Z3-000100	Batch 1 - Procurement and Delivery	96	06-Sep-21 A	03-Jan-22	14-Dec-21	15-Jan-22	11	Batch 1 - Procurement and Delivery																																
<b>Valve - Gate Valve (Hotwater) (Zone 3A)</b>								96	30-Sep-21 A	03-Jan-22	15-Dec-21	17-Jan-22	12																											
Z3-000110	Batch 1 - Procurement and Delivery	96	30-Sep-21 A	03-Jan-22	15-Dec-21	17-Jan-22	12	Batch 1 - Procurement and Delivery																																
<b>Stage 1</b>								164	09-Aug-21 A	26-May-22	30-Nov-21	26-May-22	0																											
<b>Advance Works</b>								164	09-Aug-21 A	26-May-22	30-Nov-21	26-May-22	0																											
Z3S1A-3010	Completion of Stage 1A (Construction & E&M for Temporary facilities)	0		16-Mar-22*		16-Mar-22	0	Completion of Stage 1A (Construction & E&M for Temporary facilities)																																
Z3S1-3000	Completion of Stage 1 (Advance/Diversion works & Stage 1 demolition works (i.e. SHT 3 & 4 & other facilities)	0		26-May-22*		26-May-22	0	Completion of Stage 1 (Advance/Diversion works & Stage 1 demolition works (i.e. SHT 3 & 4 & other facilities))																																
<b>Zone 3A (at SHT)</b>								147	16-Aug-21 A	05-May-22	30-Nov-21	26-May-22	17																											
<b>240m3 Temporary Sludge Holding Tank(SHT) (Location B)</b>								56	16-Aug-21 A	06-Jan-22	11-Feb-22	16-Mar-22	53																											
Z3A-000060	Civil and Structural Works Construction	30	16-Aug-21 A	13-Dec-21	11-Feb-22	23-Feb-22	53	Civil and Structural Works Construction																																
Z3A-000070	E&M Installation and T&C (ATAL)	19	13-Dec-21	06-Jan-22	23-Feb-22	16-Mar-22	53	E&M Installation and T&C (ATAL)																																
<b>Relocation of Heater Room (Location C)</b>								42	04-Nov-21 A	13-Jan-22	27-Jan-22	16-Mar-22	47																											
Z3A-000170	Civil and Structural Works Construction	42	04-Nov-21 A	24-Dec-21	28-Jan-22	28-Feb-22	47	Civil and Structural Works Construction																																
Z3A-000150	Design Consent	0		30-Nov-21*		27-Jan-22	47	Design Consent																																
Z3A-000160	Method Statement Approval	0		30-Nov-21		27-Jan-22	47	Method Statement Approval																																
Z3A-000180	E&M Relocation and T&C (ATAL)	25	13-Dec-21	13-Jan-22	16-Feb-22	16-Mar-22	47	E&M Relocation and T&C (ATAL)																																
<b>Temporary Primary Sludge Pumping Station (Location D)</b>								62	22-Oct-21 A	19-Feb-22	28-Dec-21	16-Mar-22	21																											
Z3A-000110	Underground Utilities(UU) Diversion Works	24	22-Oct-21 A	14-Dec-21	28-Dec-21	11-Jan-22	21	Underground Utilities(UU) Diversion Works																																
Z3A-000080	Method Statement Approval	0		30-Nov-21*		06-Jan-22	29	Method Statement Approval																																
Z3A-000090	Design Consent	0		06-Dec-21		12-Jan-22	29	Design Consent																																
Z3A-000100	ELS Design	0		06-Dec-21		12-Jan-22	29	ELS Design																																
Z3A-000120	Civil and Structural Works Construction	19	16-Dec-21	10-Jan-22	13-Jan-22	10-Feb-22	21	Civil and Structural Works Construction																																
Z3A-000130	E&M Installation (ATAL)	16	11-Jan-22	28-Jan-22	11-Feb-22	01-Mar-22	21	E&M Installation (ATAL)																																
Z3A-000140	T&C Works (ATAL)	13	29-Jan-22	19-Feb-22	02-Mar-22	16-Mar-22	21	T&C Works (ATAL)																																
<b>Pipe Laying (within SHT 1 &amp; 2 and GH Area)</b>								83	18-Nov-21 A	16-Mar-22	17-Jan-22	16-Mar-22	0																											
Z3A-000200	Method Statement Approval	0		18-Nov-21 A		18-Jan-22		Method Statement Approval																																
Z3A-000190	Design Consent	0		30-Nov-21*		17-Jan-22	38	Design Consent																																
Z3A-000210	Pipe Installation	44	18-Jan-22	16-Mar-22	18-Jan-22	16-Mar-22	0	Pipe Installation																																
<b>AGS Pilot Plant</b>								25	30-Nov-21	31-Dec-21	30-Nov-21	26-May-22	112																											
Z3A-000220	Design Consent	0		30-Nov-21*		30-Nov-21	0	Design Consent																																
Z3A-000230	Method Statement Approval	0		30-Nov-21		25-Apr-22	112	Method Statement Approval																																
Z3A-000240	Civil and Structural Works Construction	19	01-Dec-21	22-Dec-21	26-Apr-22	19-May-22	112	Civil and Structural Works Construction																																
Z3A-000250	E&M Installation and T&C (ATAL)	6	23-Dec-21	31-Dec-21	20-May-22	26-May-22	112	E&M Installation and T&C (ATAL)																																
<b>Demolition Works above ground</b>								120	01-Dec-21	05-May-22	01-Dec-21	05-May-22	0																											
Z3A-000005	Mobilization, Site Clearance & Preparation	11	01-Dec-21*	13-Dec-21	01-Dec-21	13-Dec-21	0	Mobilization, Site Clearance & Preparation																																
Z3A-000050	Decommission Works for Sludge Holding Tank(SHT 3 & 4) & Sludge Digestion Tank(SDT 3 & 4)	16	14-Dec-21	04-Jan-22	14-Dec-21	04-Jan-22	0	Decommission Works for Sludge Holding Tank(SHT 3 & 4) & Sludge Digestion Tank(SDT 3 & 4)																																
Z3A-000010	Demolition Works for Sludge Holding Tank(SHT 3 & 4) [10] above ground	19	05-Jan-22	26-Jan-22	05-Jan-22	26-Jan-22	0	Demolition Works for Sludge Holding Tank(SHT 3 & 4) [10] above ground																																
Z3A-000040	Demolition Works for Water Heater House [21] after completion of stage 1A	38	17-Mar-22	05-May-22	17-Mar-22	05-May-22	0	Demolition Works for Water Heater House [21] after completion of stage 1A																																
<b>Demolition Works below ground</b>								53	27-Jan-22	06-Apr-22	27-Jan-22	06-Apr-22	0																											
Z3A-000020	Sheet Piling Works for Sludge Holding Tank(SHT 4)	25	27-Jan-22	03-Mar-22	27-Jan-22	03-Mar-22	0	Sheet Piling Works for Sludge Holding Tank(SHT 4)																																
Z3A-000030	Demolition Works for Sludge Holding Tank(SHT 3 & 4) below ground	28	04-Mar-22	06-Apr-22	04-Mar-22	06-Apr-22	0	Demolition Works for Sludge Holding Tank(SHT 3 & 4) below ground																																
<b>Zone 3B (at STB)</b>								108	09-Aug-21 A	15-Mar-22	01-Dec-21	16-Mar-22	1																											
<b>Gravity Thickening Tank (Location A)</b>								88	09-Aug-21 A	26-Feb-22	18-Dec-21	16-Mar-22	15																											
Z3B-000060	Underground Utilities(UU) Diversion Works	22	09-Aug-21 A	09-Nov-21 A	18-Dec-21	18-Dec-21		Underground Utilities(UU) Diversion Works																																
Z3B-000050	Method Statement Approval	0		12-Nov-21 A		10-Feb-22		Method Statement Approval																																
Z3B-000040	Design Consent	0		19-Nov-21 A		10-Feb-22		Design Consent																																
Z3B-000070	Civil and Structural Works Construction (North Tank)	25	20-Nov-21 A	31-Dec-21	18-Dec-21	19-Jan-22	15	Civil and Structural Works Construction (North Tank)																																
Z3B-000080	Civil and Structural Works Construction (South Tank)	18	03-Jan-22	22-Jan-22	10-Feb-22	02-Mar-22	27	Civil and Structural Works Construction (South Tank)																																
Z3B-000090	E&M Works (North Tank) (ATAL)	12	03-Jan-22	15-Jan-22	20-Jan-22	09-Feb-22	15	E&M Works (North Tank) (ATAL)																																
Z3B-000110	T&C Works (North & South Tank) (ATAL)	30	17-Jan-22	26-Feb-22	10-Feb-22	16-Mar-22	15	T&C Works (North & South Tank) (ATAL)																																
Z3B-000100	E&M Works (South Tank) (ATAL)	12	24-Jan-22	12-Feb-22	03-Mar-22	16-Mar-22	27	E&M Works (South Tank) (ATAL)																																
<b>Relocation of Ferric Chloride (FeCl3) Dosing System, LV Switchboard &amp; Polymer Dosing Sys(Location E)</b>								81	30-Nov-21	15-Mar-22	01-Dec-21	16-Mar-22	1																											
Z3B-000170	Design Consent	0		30-Nov-21*		01-Dec-21	1	Design Consent																																



	Remaining Level of Effort
	DWP Rev.7
	Actual Work
	Remaining Work
	Critical Remaining Work

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

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Detailed Works Programme			
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30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022 2023 2024 2025 2026 2027 2028																																			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4							
Z3B-000180	Method Statement Approval	0		30-Nov-21		01-Dec-21	1																																				
Z3B-000190	Civil and Structural Works Construction	36	28-Dec-21	15-Feb-22	29-Dec-21	16-Feb-22	1																																				
Z3B-000200	E&M Works (ATAL)	12	16-Feb-22	01-Mar-22	17-Feb-22	02-Mar-22	1																																				
Z3B-000210	T&C Works (ATAL)	12	02-Mar-22	15-Mar-22	03-Mar-22	16-Mar-22	1																																				
<b>Temporary Thickened Sludge / Supernatant Pumping Station (Location E)</b>								103	15-Oct-21 A	09-Mar-22	08-Dec-21	16-Mar-22	6																														
Z3B-000130	Underground Utilities(UU) Diversion Works	24	15-Oct-21 A	13-Dec-21	08-Dec-21	20-Dec-21	6																																				
Z3B-000115	ELS Design Consent	0		30-Nov-21*		09-Feb-22	52																																				
Z3B-000117	Method Statement Approval	0		30-Nov-21		16-Feb-22	58																																				
Z3B-000120	Design Consent	0		07-Dec-21		16-Feb-22	52																																				
Z3B-000140	Civil and Structural Works Construction	40	15-Dec-21	09-Feb-22	22-Dec-21	16-Feb-22	6																																				
Z3B-000150	E&M Works (ATAL)	13	10-Feb-22	24-Feb-22	17-Feb-22	03-Mar-22	6																																				
Z3B-000160	T&C Works (ATAL)	11	25-Feb-22	09-Mar-22	04-Mar-22	16-Mar-22	6																																				
<b>Pipe Laying at Consolidation Tank(CT) Area</b>								72	18-Nov-21 A	03-Mar-22	15-Jan-22	16-Mar-22	11																														
Z3B-000230	Method Statement Approval	0		18-Nov-21 A		17-Jan-22																																					
Z3B-000220	Hydraulic Design Consent	0		30-Nov-21*		15-Jan-22	37																																				
Z3B-000215	Pipe Support Consent	0		30-Nov-21*		15-Jan-22	37																																				
Z3B-000240	Pipe Installation	45	04-Jan-22*	03-Mar-22	17-Jan-22	16-Mar-22	11																																				
<b>Digested Sludge Pumping Station (Location F)</b>								66	30-Nov-21	25-Feb-22	18-Dec-21	16-Mar-22	16																														
Z3B-000250	Design Consent	0		30-Nov-21*		18-Dec-21	16																																				
Z3B-000260	Method Statement Approval	0		30-Nov-21		18-Dec-21	16																																				
Z3B-000270	Civil and Structural Works Construction	25	28-Dec-21	26-Jan-22	17-Jan-22	21-Feb-22	16																																				
Z3B-000280	E&M Works (ATAL)	12	27-Jan-22	16-Feb-22	22-Feb-22	07-Mar-22	16																																				
Z3B-000290	T&C Works (ATAL)	8	17-Feb-22	25-Feb-22	08-Mar-22	16-Mar-22	16																																				
<b>Stage 2</b>								226	20-Dec-21	30-Sep-22	20-Dec-21	11-Oct-22	7																														
Z3S2-3020	Completion of Stage 2	0		30-Sep-22*		30-Sep-22	0																																				
<b>Stage 2 : New Sludge Thickening Building (STB) at</b>								116	20-Dec-21	21-May-22	20-Dec-21	26-May-22	4																														
Z3S2-3080	Completion Demolition of SHT 3 & 4 (10)	0		20-Dec-21*		20-Dec-21	0																																				
ATALZ3S1-1050	Switching Duty to SDT No.1 to No. 3 (9) for STB Demolition and Utility Corridor Construction	7	17-Mar-22	24-Mar-22	17-Mar-22	24-Mar-22	0																																				
Z3S2-2030	Demolition of Existing Sludge Thickening House (8, Air Floatation Thickener)	24	25-Mar-22	26-Apr-22	25-Mar-22	26-Apr-22	0																																				
Z3S2-2040	Demolition of Consolidation Tank (7) C1 & C2	24	25-Mar-22	26-Apr-22	14-Apr-22	17-May-22	16																																				
ATALZ3S1-2210	Switching Duty to SDT No.3 to No. 4 (9) for STB Construction	14	27-Apr-22	14-May-22	05-May-22	21-May-22	6																																				
<b>Stage 2 : STB Pre-drilling Works</b>								44	25-Mar-22	21-May-22	08-Apr-22	26-May-22	4																														
Z3S3-3050	Predrilling Works (2 nos. STB-PD1,2)	18	25-Mar-22	19-Apr-22	14-Apr-22	10-May-22	16																																				
Z3S3-3400	Environment GI (8 nos., 7d/no., 2 rigs) & Submit RAP Report to EPD (30 days)	37	25-Mar-22	13-May-22	08-Apr-22	26-May-22	11																																				
Z3S3-2020	Predrilling Works (4 nos. STB-PD4,5,8,11)	28	09-Apr-22	17-May-22	14-Apr-22	21-May-22	4																																				
Z3S3-2030	Predrilling Works (5 nos. STB-PD3,6,7,9,10) (3 rigs) (STB's footprint)	20	27-Apr-22	21-May-22	27-Apr-22	21-May-22	0																																				
<b>Stage 2 : Existing Sludge Holding Tanks</b>								35	16-Mar-22	30-Apr-22	16-Mar-22	30-Apr-22	0																														
Z3S1a.7-60	Completion Connection to Temporary SHT & Dewatering House	0		16-Mar-22*		16-Mar-22	0																																				
Z3S2-2010	Demolition of SHT 1 & 2 (10)	35	17-Mar-22	30-Apr-22	17-Mar-22	30-Apr-22	0																																				
Z3S2.5-10	Demolition of Existing Water Heater House	35	17-Mar-22	30-Apr-22	17-Mar-22	30-Apr-22	0																																				
Z3S1a.7-50	Completion Demolition of SHT 3 & 4 (10) above & below ground	0		06-Apr-22*		06-Apr-22	0																																				
<b>Stage 2 : Biogas Holder No. 1</b>								152	17-Mar-22	20-Sep-22	17-Mar-22	20-Sep-22	0																														
Z3BH-1000	Biogas Holder No. 1 - Ground Improvement Including Surcharge	116	17-Mar-22	08-Aug-22	17-Mar-22	08-Aug-22	0																																				
Z3BH-1010	Biogas Holder No. 1 - 800 Thick Base Slab	36	09-Aug-22	20-Sep-22	09-Aug-22	20-Sep-22	0																																				
<b>Stage 2 : Utility Corridor Construction</b>								147	24-Mar-22	22-Sep-22	01-Apr-22	11-Oct-22	14																														
Z3S2-2350	Switching Duty to SDT No.1 to No. 3 (9)	0		24-Mar-22		01-Apr-22	7																																				
<b>Stage 2 : Utility Corridor No. 3</b>								147	25-Mar-22	22-Sep-22	02-Apr-22	30-Sep-22	7																														
<b>S2 : UC/PP3 Foundation and ELS Works</b>								120	25-Mar-22	20-Aug-22	02-Apr-22	29-Aug-22	7																														
Z3S2-2340	UC/PP 3 - Site Setup & Mobilization	12	25-Mar-22	08-Apr-22	02-Apr-22	20-Apr-22	7																																				
Z3S2-2060	UC/PP 3 - Sheetpile Installation (2,674m2 @90m2/d)	30	09-Apr-22	19-May-22	21-Apr-22	27-May-22	7																																				
Z3S2-3050	UC/PP 3 - Monitoring Installation and Pumping Test	21	23-Apr-22	19-May-22	03-May-22	27-May-22	7																																				
Z3S2-2070	UC/PP 3 - ELS, Excavation (+6.0 to +4.0mPD)	20	20-May-22	13-Jun-22	28-May-22	21-Jun-22	7																																				
Z3S2-2080	UC/PP 3 - ELS, Strut Installation S1 (+4.0mPD)	12	30-May-22	13-Jun-22	08-Jun-22	21-Jun-22	7																																				
Z3S2-2090	UC/PP 3 - ELS, Excavation (+4.0 to +1.5mPD)	20	14-Jun-22	07-Jul-22	22-Jun-22	15-Jul-22	7																																				
Z3S2-2160	UC/PP 3 - Marine Sediments Treatment and Disposal	20	14-Jun-22	07-Jul-22	22-Jun-22	15-Jul-22	7																																				
Z3S2-2100	UC/PP 3 - ELS, Strut Installation S2 (+1.5mPD)	12	23-Jun-22	07-Jul-22	02-Jul-22	15-Jul-22	7																																				
Z3S2-2110	UC/PP 3 - ELS, Excavation (+1.5 to -1.0mPD)	20	08-Jul-22	30-Jul-22	16-Jul-22	08-Aug-22	7																																				
Z3S2-2120	UC/PP 3 - ELS, Strut Installation S3 (-1.0mPD)	12	01-Aug-22	13-Aug-22	09-Aug-22	22-Aug-22	7																																				
Z3S2-2130	UC/PP 3 - ELS, Excavation (-1.0 to -3.75mPD)	18																																									











