

Item ID	Item Name	Budget	Start Date	Finish Date	Milestone	Total Effort	2021												2022												2023												2024																	
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme							2202	27-Oct-20	09-Nov-27	26-Oct-20	09-Nov-27	0																																																
Contract Data Part 1							2569	27-Oct-20	09-Nov-27	26-Oct-20	09-Nov-27	0																																																
Commencement Date							2569	27-Oct-20	09-Nov-27	26-Oct-20	09-Nov-27	0																																																
CD1	Contract Date	0	27-Oct-20	26-Oct-20	09-Nov-27	0	◆ Contract Date																																																					
CD2	Starting Date	0	09-Nov-20	09-Nov-20	09-Nov-27	0	◆ Starting Date																																																					
CD3	Contract Completion	0	09-Nov-26	09-Nov-26	09-Nov-27	0	◆ Contract Completion																																																					
CD4	Establishment Period (12 months)	0	09-Nov-27	09-Nov-27	09-Nov-27	0	◆ Establishment																																																					
CD5	Defect Date (12 months)	0	09-Nov-27	09-Nov-27	09-Nov-27	0	◆ Defect Date																																																					
Access Dates							1599	09-Nov-20	27-Mar-25	09-Nov-20	27-Mar-25	0																																																
ADP1	Portion 1 (sd)	0	09-Nov-20*	09-Nov-20	09-Nov-20	0	◆ Portion 1 (sd)																																																					
ADWA1	Work Area WA1 (sd)	0	09-Nov-20*	09-Nov-20	09-Nov-20	0	◆ Work Area WA1 (sd)																																																					
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	365	05-Mar-21*	04-Mar-22*	05-Mar-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*	08-Jun-21	08-Jun-21	0	◆ Portion 2 (sd+211d)																																																					
ADP5	Portion 5 (sd+944d)	0	11-Jun-23*	11-Jun-23	11-Jun-23	0	◆ Portion 5 (sd+944d)																																																					
ADP3	Portion 3 (sd+1218d)	0	11-Mar-24*	10-Mar-24	10-Mar-24	0	◆ Portion 3 (sd+1218d)																																																					
ADP4	Portion 4 (sd+1599d)	0	27-Mar-25*	27-Mar-25	27-Mar-25	0	◆ Portion 4 (sd+1599d)																																																					
Contract Key Dates							1764	08-Apr-21	05-Feb-26	08-Apr-21	05-Feb-26	0																																																
CKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0	08-Apr-21*	08-Apr-21	08-Apr-21	0	◆ 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*	06-May-21	06-May-21	0	◆ 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(8Jan24)	0	08-Jan-24*	08-Jan-24	08-Jan-24	0	◆ KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg(8Jan24)																																																					
CKD3	KD3 - Early Commissioning of Inlet Works100,000m3/d at ADWF,PST-54,000m3/d at ADWF, Civil, struct.,E&M & BS (11Mar 24)	0	11-Mar-24*	11-Mar-24	11-Mar-24	0	◆ KD3 - Early Commissioning of Inlet Works100,000m3/d at ADWF,PST-54,000m3/d at ADWF, Civil, struct.,E																																																					
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	08-Jan-25	0	◆ 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	08-Jul-25	0	◆ 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	06-Nov-25	0	◆ 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	08-Jan-26	0	◆ 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 >60,000m3/d at AWDF (5 Feb 26)	0	05-Feb-26*	05-Feb-26	05-Feb-26	0	◆ KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at AWDF (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	05-Feb-26	0	◆ KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)																																																					
Contract Section Completion							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	06-Oct-22	0	◆ 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	08-Nov-26	0	◆ 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	08-Nov-26	0	◆ Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																					
Environmental Constraints							1969	09-Nov-20	31-Mar-26	09-Nov-20	31-Mar-26	0																																																
NMM-2135	PS 1.105A Noise Mitigation Measures 2020-2021	143	09-Nov-20*	31-Mar-21	09-Nov-20	31-Mar-21	PS 1.105A Noise Mitigation Measures 2020-2021																																																					
EBS-2145	Egrets Breeding Season 2021	184	01-Mar-21*	31-Aug-21	01-Mar-21	31-Aug-21	Egrets Breeding Season 2021																																																					
NMM-2145	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21*	31-Mar-22	01-Nov-21	31-Mar-22	PS 1.105A Noise Mitigation Measures 2021-2022																																																					
EBS-2155	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-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																																																					
Planned Completion							2039	08-Apr-21	07-Nov-26	08-Apr-21	08-Nov-26	1																																																
Planned Key Dates							1764	08-Apr-21	05-Feb-26	08-Apr-21	05-Feb-26	0																																																
PKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0	08-Apr-21*	08-Apr-21	08-Apr-21	0	◆ 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	22-Apr-21*	06-May-21	06-May-21	14	◆ KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment(6 May 21)																																																					
PKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)	0	10-Dec-22*	08-Jan-25	08-Jan-25	760	◆ KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)																																																					
PKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg(8Jan24)	0	27-Nov-23*	08-Jan-24	08-Jan-24	42	◆ KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg(8Jan24)																																																					
PPKD3	KD3 - Early Commissioning of Inlet Works100,000m3/d at ADWF,PST-54,000m3/d at ADWF, Civil, struct.,E&M & BS (11Mar 24)	0	11-Mar-24*	11-Mar-24	11-Mar-24	0	◆ KD3 - Early Commissioning of Inlet Works100,000m3/d at ADWF,PST-54,000m3/d at ADWF, Civil, struct.,E																																																					
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	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	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	28-Aug-25*	06-Nov-25	06-Nov-25	70	◆ 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	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 >60,000m3/d at AWDF (5 Feb 26)	0	05-Feb-26*	05-Feb-26	05-Feb-26	0	◆ KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at AWDF (5 Feb 26)																																																					
Planned Section Completion							1502	27-Sep-22	07-Nov-26	06-Oct-22	08-Nov-26	1																																																
PSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)	0	27-Sep-22*	06-Oct-22	06-Oct-22	9	◆ 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	15-Sep-26*	08-Nov-26	08-Nov-26	54	◆ 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	07-Nov-26*	08-Nov-26	08-Nov-26	1	◆ Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																					
Preliminary and Preparation Works							1443	27-Oct-20	05-Jun-25	26-Oct-20	08-Nov-27	759																																																
Subletting							767	27-Oct-20	02-Dec-22	26-Oct-20	13-Jan-26	1138																																																
SUB-110	Prebid - Ground Investigation Works	0	27-Oct-20*	26-Oct-20	26-Oct-20	0	◆ Prebid - Ground Investigation Works																																																					
SUB-120	Prebid - Demolition of existing building and structure	0	27-Oct-20*	26-Oct-20	26-Oct-20	0	◆ Prebid - Demolition of existing building and structure																																																					
SUB-130	Prebid - Design, Supply and Installation of Noise Barrier and Bird Curtain	0	27-Oct-20*	26-Oct-20	26-Oct-20	0	◆ Prebid - Design, Supply and Installation of Noise Barrier and Bird Curtain																																																					
SUB-140	Prebid - Piling works for Inlet works and PST	0	27-Oct-20*	26-Oct-20	26-Oct-20	0	◆ Prebid - Piling works for Inlet works and PST																																																					
SUB-150	Prebid - E&M works	0	27-Oct-20*	26-Oct-20	26-Oct-20	0	◆ Prebid - E&M works																																																					
SUB-160	Submit/Approve Sub-letting Procedures	60	09-Nov-20	07-Jan-21	09-Nov-20	07-Jan-21	Submit/Approve Sub-letting Procedures																																																					
SUB-180	Subletting for MIC works	40	08-Jan-21	16-Feb-21	09-Jan-21	17-Feb-21	Subletting for MIC works																																																					
SUB-190	Subletting for Landscaping works	30	08-Jan-21	06-Feb-21	21-Jan-21	19-Feb-21	Subletting for Landscaping works																																																					
SUB-200	Subletting for UU detection	44	08-Jan-21	20-Feb-21	15-Feb-21	30-Mar-21	Subletting for UU detection																																																					
SUB-210	Subletting for Design Consultant	22	08-Jan-21	29-Jan-21	08-Jan-21	08-Jan-21	Subletting for Design Consultant																																																					
SUB-220	Subletting for Sheet piling works for IW, PST	150	08-Jan-21	06-Jun-21	14-Feb-21	13-Jul-21	Subletting for Sheet piling works for IW, PST																																																					
SUB-230	Subletting for CLP Substation No.1 & 2 Structure	100	08-Jan-21	17-Apr-21	27-Jun-21	04-Oct-21	Subletting for CLP Substation No.1 & 2 Structure																																																					



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

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

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Layout : DC201910 Detailed Programme
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Detailed Works Programme			
Date	Revision	Checked	Approved
15-Mar-21	Rev. 0		
21-Apr-21	Rev 1		

Work ID	Activity Name	Duration	Start Date	Finish Date	Latest Start	Latest Finish	Total Effort	Gantt Chart (Jan 2021 to Dec 2024)																																							
								Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024
SUB-370	Subletting for Instrumentation installation and monitoring	67	08-Jan-21	15-Mar-21	16-Jan-21	23-Mar-21	8	Subletting for Instrumentation installation and monitoring																																							
SUB-100	Subletting for Diversion Works (Zone 1)	84	30-Jan-21	23-Apr-21	06-May-21	28-Jul-21	96	Subletting for Diversion Works (Zone 1)																																							
SUB-170	Subletting for Diversion Works (Zone 2)	84	30-Jan-21	23-Apr-21	30-Jan-21	23-Apr-21	0	Subletting for Diversion Works (Zone 2)																																							
SUB-260	Subletting for Diversion Works (Zone 3)	80	14-Feb-21	04-May-21	14-Feb-21	04-May-21	0	Subletting for Diversion Works (Zone 3)																																							
SUB-330	Subletting for Dewatering System	30	03-Apr-21	02-May-21	30-Apr-21	29-May-21	27	Subletting for Dewatering System																																							
SUB-240	Subletting for CLP Substation No.1 & 2 ABWF & BS	100	18-Apr-21	26-Jul-21	11-Jan-22	20-Apr-22	268	Subletting for CLP Substation No.1 & 2 ABWF & BS																																							
SUB-380	Subletting for Sheet piling works for remaining areas	150	07-Jun-21	03-Nov-21	24-Jul-21	20-Dec-21	47	Subletting for Sheet piling works for remaining areas																																							
SUB-250	Subletting for Ground Improvement works for Biogas Holder	86	15-Jun-21	08-Sep-21	05-Aug-21	29-Oct-21	51	Subletting for Ground Improvement works for Biogas Holder																																							
SUB-270	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg	50	17-Jul-21	04-Sep-21	19-Jul-21	06-Sep-21	2	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg																																							
SUB-310	Subletting for Utilities Corridor ELS	100	07-Aug-21	14-Nov-21	15-Jan-22	24-Apr-22	161	Subletting for Utilities Corridor ELS																																							
SUB-280	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg	105	05-Sep-21	18-Dec-21	07-Sep-21	20-Dec-21	2	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg																																							
SUB-350	Subletting for Waterproofing membrane and protection board	86	05-Sep-21	29-Nov-21	26-Sep-21	20-Dec-21	21	Subletting for Waterproofing membrane and protection board																																							
SUB-360	Subletting for Rebar fixing	86	05-Sep-21	29-Nov-21	26-Sep-21	20-Dec-21	21	Subletting for Rebar fixing																																							
SUB-290	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg	60	19-Dec-21	16-Feb-22	03-Jan-23	03-Mar-23	380	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg																																							
SUB-340	Subletting for Drainage, Sewage & waterworks	86	17-Feb-22	13-May-22	20-Oct-25	13-Jan-26	1341	Subletting for Drainage, Sewage & waterworks																																							
SUB-300	Subletting for RC works for MBR, Ancillary Building, TTB	60	30-Apr-22	28-Jun-22	19-Jun-22	17-Aug-22	50	Subletting for RC works for MBR, Ancillary Building, TTB																																							
SUB-320	Subletting for Trellis outside Admin. building & Steel Working Platform	120	05-Aug-22	02-Dec-22	09-Feb-25	08-Jun-25	919	Subletting for Trellis outside Admin. building & Steel Working Platform																																							
Design Submission		1562	30-Jan-21	10-May-25	14-Feb-25	31-Mar-26	325																																								
Temporary Works Design		1286	13-Feb-21	21-Aug-24	19-Feb-21	19-Aug-25	363																																								
Inlet Work and Primary Sedimentation Tank		150	17-Feb-21	16-Jul-21	19-Feb-21	18-Jul-21	2																																								
TWD-100	ELS Stage 1 - Prepare & Submission for PM's review	45	17-Feb-21	02-Apr-21	15-Mar-21	28-Apr-21	26	ELS Stage 1 - Prepare & Submission for PM's review																																							
TWD-420	ELS Stage 2 - Prepare & Submission for PM's review	73	17-Feb-21	30-Apr-21	19-Feb-21	02-May-21	2	ELS Stage 2 - Prepare & Submission for PM's review																																							
TWD-110	ELS Stage 1 - Review by PM's & ICE review (28 d + 7d)	35	03-Apr-21	07-May-21	29-Apr-21	02-Jun-21	26	ELS Stage 1 - Review by PM's & ICE review (28 d + 7d)																																							
TWD-430	ELS Stage 2 - Review by PM's & ICE review (28 d + 7d)	35	01-May-21	04-Jun-21	03-May-21	06-Jun-21	2	ELS Stage 2 - Review by PM's & ICE review (28 d + 7d)																																							
TWD-120	ELS Stage 1 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	08-May-21	21-May-21	03-Jun-21	16-Jun-21	26	ELS Stage 1 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-500	ELS Stage 1 - Submit to GEO	28	22-May-21	18-Jun-21	17-Jun-21	14-Jul-21	26	ELS Stage 1 - Submit to GEO																																							
TWD-440	ELS Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	05-Jun-21	18-Jun-21	07-Jun-21	20-Jun-21	2	ELS Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-130	ELS Stage 1 - Obtain Approval	7	12-Jun-21	18-Jun-21	08-Jul-21	14-Jul-21	26	ELS Stage 1 - Obtain Approval																																							
TWD-510	ELS Stage 2 - Submit to GEO	28	19-Jun-21	16-Jul-21	21-Jun-21	18-Jul-21	2	ELS Stage 2 - Submit to GEO																																							
TWD-450	ELS Stage 2 - Obtain Approval	7	10-Jul-21	16-Jul-21	12-Jul-21	18-Jul-21	2	ELS Stage 2 - Obtain Approval																																							
Mainstream Bio-Reactor System		122	19-Jun-21	18-Oct-21	07-Aug-21	06-Dec-21	49																																								
TWD-220	ELS - Prepare & Submission for PM's review	45	19-Jun-21	02-Aug-21	07-Aug-21	20-Sep-21	49	ELS - Prepare & Submission for PM's review																																							
TWD-230	ELS - Review by PM's & ICE review (28 d + 7d)	35	03-Aug-21	06-Sep-21	21-Sep-21	25-Oct-21	49	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-240	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	07-Sep-21	20-Sep-21	26-Oct-21	08-Nov-21	49	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-520	ELS - Submit to GEO	28	21-Sep-21	18-Oct-21	09-Nov-21	06-Dec-21	49	ELS - Submit to GEO																																							
TWD-250	ELS - Obtain Approval	7	12-Oct-21	18-Oct-21	30-Nov-21	06-Dec-21	49	ELS - Obtain Approval																																							
Biogas Holders		122	13-Feb-21	14-Jun-21	05-Apr-21	04-Aug-21	51																																								
TWD-380	Ground Improvement Works - Prepare & Submission for PM's review	45	13-Feb-21	29-Mar-21	05-Apr-21	19-May-21	51	Ground Improvement Works - Prepare & Submission for PM's review																																							
TWD-390	Ground Improvement Works - Review by PM's & ICE review (28 d + 7d)	35	30-Mar-21	03-May-21	20-May-21	23-Jun-21	51	Ground Improvement Works - Review by PM's & ICE review (28 d + 7d)																																							
TWD-400	Ground Improvement Works - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	04-May-21	17-May-21	24-Jun-21	07-Jul-21	51	Ground Improvement Works - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-530	Ground Improvement Works - Submit to GEO	28	18-May-21	14-Jun-21	08-Jul-21	04-Aug-21	51	Ground Improvement Works - Submit to GEO																																							
TWD-410	Ground Improvement Works - Obtain Approval	7	08-Jun-21	14-Jun-21	29-Jul-21	04-Aug-21	51	Ground Improvement Works - Obtain Approval																																							
Sludge Thickening Building		119	08-May-21	03-Sep-21	11-May-21	06-Sep-21	3																																								
TWD-180	ELS - Prepare & Submission for PM's review	42	08-May-21	18-Jun-21	11-May-21	21-Jun-21	3	ELS - Prepare & Submission for PM's review																																							
TWD-190	ELS - Review by PM's & ICE review (28 d + 7d)	35	19-Jun-21	23-Jul-21	22-Jun-21	26-Jul-21	3	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-200	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	24-Jul-21	06-Aug-21	27-Jul-21	09-Aug-21	3	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-540	Ground Improvement Works - Submit to GEO	28	07-Aug-21	03-Sep-21	10-Aug-21	06-Sep-21	3	Ground Improvement Works - Submit to GEO																																							
TWD-210	ELS - Obtain Approval	7	28-Aug-21	03-Sep-21	31-Aug-21	06-Sep-21	3	ELS - Obtain Approval																																							
Tertiary Treatment System		122	07-Jul-21	05-Nov-21	28-Feb-22	29-Jun-22	236																																								
TWD-140	ELS - Prepare & Submission for PM's review	45	07-Jul-21	20-Aug-21	28-Feb-22	13-Apr-22	236	ELS - Prepare & Submission for PM's review																																							
TWD-150	ELS - Review by PM's & ICE review (28 d + 7d)	35	21-Aug-21	24-Sep-21	14-Apr-22	18-May-22	236	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-160	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	25-Sep-21	08-Oct-21	19-May-22	01-Jun-22	236	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-550	ELS - Submit to GEO	28	09-Oct-21	05-Nov-21	02-Jun-22	29-Jun-22	236	ELS - Submit to GEO																																							
TWD-170	ELS - Obtain Approval	7	30-Oct-21	05-Nov-21	23-Jun-22	29-Jun-22	236	ELS - Obtain Approval																																							
Utilities Corridor		122	07-Apr-21	06-Aug-21	04-Aug-21	03-Dec-21	119																																								
TWD-340	ELS - Prepare & Submission for PM's review	45	07-Apr-21	21-May-21	04-Aug-21	17-Sep-21	119	ELS - Prepare & Submission for PM's review																																							
TWD-350	ELS - Review by PM's & ICE review (28 d + 7d)	35	22-May-21	25-Jun-21	18-Sep-21	22-Oct-21	119	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-360	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	26-Jun-21	09-Jul-21	23-Oct-21	05-Nov-21	119	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-560	ELS - Submit to GEO	28	10-Jul-21	06-Aug-21	06-Nov-21	03-Dec-21	119	ELS - Submit to GEO																																							
TWD-370	ELS - Obtain Approval	7	31-Jul-21	06-Aug-21	27-Nov-21	03-Dec-21	119	ELS - Obtain Approval																																							
Sludge Digester		122	09-Mar-22	08-Jul-22	05-Dec-22	05-Apr-23	271																																								
TWD-460	ELS - Prepare & Submission for PM's review	45	09-Mar-22	22-Apr-22	05-Dec-22	18-Jan-23	271	ELS - Prepare & Submission for PM's review																																							
TWD-470	ELS - Review by PM's & ICE review (28 d + 7d)	35	23-Apr-22	27-May-22	19-Jan-23	22-Feb-23	271	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-480	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	28-May-22	10-Jun-22	23-Feb-23	08-Mar-23	271	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-570	ELS - Submit to GEO	28	11-Jun-22	08-Jul-22	09-Mar-23	05-Apr-23	271	ELS - Submit to GEO																																							
TWD-490	ELS - Obtain Approval	7	02-Jul-22	08-Jul-22	30-Mar-23	05-Apr-23	271	ELS - Obtain Approval																																							
Sludge Dewatering and Underpass		122	23-May-22	21-Sep-22	17-Mar-24	16-Jul-24	664																																								
TWD-260	ELS - Prepare & Submission for PM's review	45	23-May-22	06-Jul-22	17-Mar-24	30-Apr-24	664	ELS - Prepare & Submission for PM's review																																							
TWD-270	ELS - Review by PM's & ICE review (28 d + 7d)	35	07-Jul-22	10-Aug-22	01-May-24	04-Jun-24	664	ELS - Review by PM's & ICE review (28 d + 7d)																																							
TWD-280	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	11-Aug-22	24-Aug-22	05-Jun-24	18-Jun-24	664	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																																							
TWD-580	ELS - Submit to GEO	28	25-Aug-22	21-Sep-22	19-Jun-24	16-Jul-24	664	ELS - Submit to GEO																																							
TWD-290	ELS - Obtain Approval	7	15-Sep-22	21-Sep-22	10-Jul-24	16-Jul-24	664	ELS - Obtain Approval																																							
Administration Building		122	22-Apr-24	21-Aug-24	02-Jul-24	31-Oct-24	71																																								
TWD-300	Open Cut Design - Prepare & Submission for PM's review	45	22-Apr-24	05-Jun-24	02-Jul-24	15-Aug-24	71	Open Cut Design - Prepare & Submission for PM's review																																							
TWD-310	Open Cut Design - Review by PM's & ICE review (28 d + 7d)	35	06-Jun-24	10-Jul-24	16-Aug-24	19-Sep-24	71	Open Cut Design - Review by PM's & ICE review (28 d + 7d)																																							



保華-中國中鐵聯營體
PAUL Y.-CREC JOINT VENTURE

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

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

Detailed Works Programme

Project ID : DWP.DPr1_210422
Layout : DC201910 Detailed Programme
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Detailed Works Programme			
Date	Revision	Checked	Approved
15-Mar-21	Rev. 0		
21-Apr-21	Rev 1		

Work ID	Activity Name	Order	Start	Finish	Latest	Earliest	Duration	Effort	Progress	Notes
AIP-370	Architecture - Obtain Approval	7	30-Mar-21	05-Apr-21	29-Jun-21	05-Jul-21	91	91	100%	Architecture - Obtain Approval
Package 11A - Civil, Structural & Geotechnical										
AIP-380	Civil, Structural & Geotechnical - Prepare & Submission for PM's review	25	30-Jan-21	23-Feb-21	14-Feb-21	10-Mar-21	15	15	100%	Civil, Structural & Geotechnical - Prepare & Submission for PM's review
AIP-390	Civil, Structural & Geotechnical - Review by PM's & ICE review (28 d + 7d)	35	24-Feb-21	30-Mar-21	11-Mar-21	14-Apr-21	15	15	100%	Civil, Structural & Geotechnical - Review by PM's & ICE review (28 d + 7d)
AIP-400	Civil, Structural & Geotechnical - Resubmission for further review	14	31-Mar-21	13-Apr-21	15-Apr-21	28-Apr-21	15	15	100%	Civil, Structural & Geotechnical - Resubmission for further review
AIP-410	Civil, Structural & Geotechnical - Obtain Approval	7	14-Apr-21	20-Apr-21	29-Apr-21	05-May-21	15	15	100%	Civil, Structural & Geotechnical - Obtain Approval
DDA										
Package 1 - General Architecture, Civil, Structural & Geotechnical										
DDA-100	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Prepare & Submission for PM's review	45	21-Apr-21	04-Jun-21	10-Jun-21	24-Jul-21	50	50	100%	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Prepare & Submission for PM's review
DDA-110	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Review by PM's & ICE review (28 d + 7d)	35	05-Jun-21	09-Jul-21	25-Jul-21	28-Aug-21	50	50	100%	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Review by PM's & ICE review (28 d + 7d)
DDA-120	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Resubmission for further review	14	10-Jul-21	23-Jul-21	29-Aug-21	11-Sep-21	50	50	100%	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Resubmission for further review
DDA-1080	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Submit to GEO for comment and approval	28	24-Jul-21	20-Aug-21	12-Sep-21	09-Oct-21	50	50	100%	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Submit to GEO for comment and approval
DDA-130	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Obtain Approval	7	14-Aug-21	20-Aug-21	03-Oct-21	09-Oct-21	50	50	100%	Contractor's Design for General Architecture, Civil, Structural & Geotechnical - Obtain Approval
Package 2 - Tertiary Treatment System										
DDA-170	Civil Req. for TTS (foundation design) - Prepare(60d), Sub. & Review(45d),Comment & Resub.(14d), GEO(28d)&Approval (7d)	154	07-Aug-21	07-Jan-22	29-Jun-22	29-Nov-22	326	326	100%	Civil Req. for TTS (foundation design) - Prepare(60d), Sub. & Review(45d),Comment & Resub.(14d), GEO(28d)&Approval (7d)
DDA-180	Civil Req. for TTS (Superstruct. design) - Prepare (130d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	189	07-Aug-21	11-Feb-22	02-Jul-22	06-Jan-23	329	329	100%	Civil Req. for TTS (Superstruct. design) - Prepare (130d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-140	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	21-Aug-21	24-Dec-21	10-Oct-21	12-Feb-22	50	50	100%	Architectural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-150	Foundation for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	25-Dec-21	29-Apr-22	13-Feb-22	18-Jun-22	50	50	100%	Foundation for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-190	P&ID for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	12-Feb-22	17-Jun-22	12-Apr-23	15-Aug-23	424	424	100%	P&ID for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-200	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	12-Feb-22	17-Jun-22	16-Aug-23	19-Dec-23	550	550	100%	Mechanical for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-210	Electrical & Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	12-Feb-22	17-Jun-22	16-Aug-23	19-Dec-23	550	550	100%	Electrical & Control for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-160	Civil & Structural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	13-Feb-22	18-Jun-22	19-Jun-22	22-Oct-22	126	126	100%	Civil & Structural for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-220	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	18-Jun-22	21-Oct-22	16-Aug-23	19-Dec-23	424	424	100%	Building Services (BS) for TTS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 3 - Mainstream Bio-Reactor System										
DDA-230	Architectural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	06-Apr-21	09-Aug-21	06-Jul-21	08-Nov-21	91	91	100%	Architectural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-240	Foundation for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d),GEO (28d) & Approval (7d)	154	06-Apr-21	06-Sep-21	06-Jul-21	06-Dec-21	91	91	100%	Foundation for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d),GEO (28d) & Approval (7d)
DDA-250	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	11-May-21	13-Sep-21	18-Aug-21	21-Dec-21	99	99	100%	Civil & Structural for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-260	Civil Req. for MBS (foundation design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	14-Sep-21	17-Jan-22	22-Dec-21	26-Apr-22	99	99	100%	Civil Req. for MBS (foundation design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-270	Civil Req. for MBS (Superstruct. design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	14-Sep-21	17-Jan-22	14-Apr-22	17-Aug-22	212	212	100%	Civil Req. for MBS (Superstruct. design) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-280	P&ID for TTS - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Oct-21	02-Mar-22	24-Jun-23	27-Oct-23	604	604	100%	P&ID for TTS - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-290	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Oct-21	02-Mar-22	24-Jun-23	27-Oct-23	604	604	100%	Mechanical for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-300	Electrical & Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Oct-21	02-Mar-22	24-Jun-23	27-Oct-23	604	604	100%	Electrical & Control for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-310	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	28-Oct-21	02-Mar-22	24-Jun-23	27-Oct-23	604	604	100%	Building Services (BS) for MBS - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 5A - Master Water Meter Room										
DDA-350	Architectural for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	03-Mar-22	06-Jul-22	12-Jun-24	15-Oct-24	832	832	100%	Architectural for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-360	Foundation for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d),GEO(28d) & Approval (7d)	154	07-Jul-22	07-Dec-22	16-Oct-24	18-Mar-25	832	832	100%	Foundation for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d),GEO(28d) & Approval (7d)
DDA-370	Civil & Struct. for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	08-Dec-22	12-Apr-23	19-Mar-25	22-Jul-25	832	832	100%	Civil & Struct. for Master Water Meter Room - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-380	General Arrangement & Civil Req. for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	13-Apr-23	16-Aug-23	26-Nov-25	31-Mar-26	958	958	100%	General Arrangement & Civil Req. for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-390	P&ID for MWMR - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	13-Apr-23	16-Aug-23	23-Jul-25	25-Nov-25	832	832	100%	P&ID for MWMR - MBS (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-400	Mechanical for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	17-Aug-23	20-Dec-23	26-Nov-25	31-Mar-26	832	832	100%	Mechanical for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-410	Electrical & Control for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	17-Aug-23	20-Dec-23	26-Nov-25	31-Mar-26	832	832	100%	Electrical & Control for MWMR - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 5B - Plant Service Water (PSW)										
DDA-1050	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	07-Aug-21	10-Dec-21	13-Feb-22	18-Jun-22	190	190	100%	Civil Requirement Drawings - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)
DDA-1040	Piping & Instrumentation Diagram (P&ID) - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	12-Sep-21	15-Jan-22	12-Apr-23	15-Aug-23	577	577	100%	Piping & Instrumentation Diagram (P&ID) - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)
DDA-1060	Electrical & Control for PSW - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	160	12-Sep-21	18-Feb-22	13-Jul-23	19-Dec-23	669	669	100%	Electrical & Control for PSW - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)
DDA-1070	Mechanical for PSW - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	160	12-Sep-21	18-Feb-22	13-Jul-23	19-Dec-23	669	669	100%	Mechanical for PSW - Prep(94d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)
Package 6 - Sludge Thickening Chemical System										
DDA-420	Arch. for STCS, Waste Gas Burner & Guard Hse - Prepare (60d), Sub. & Review(45d), Com. & Resub.(14d) & Approval (7d)	126	06-Apr-21	09-Aug-21	06-Oct-21	08-Feb-22	183	183	100%	Arch. for STCS, Waste Gas Burner & Guard Hse - Prepare (60d), Sub. & Review(45d), Com. & Resub.(14d) & Approval (7d)
DDA-430	Found. for STCS, Waste Gas Burner & Guard Hse - Prepare(60d), Sub.&Review(45d), Comment & Resub.(14d),GEO(28d) & Approval (7d)	126	10-Aug-21	13-Dec-21	09-Feb-22	14-Jun-22	183	183	100%	Found. for STCS, Waste Gas Burner & Guard Hse - Prepare(60d), Sub.&Review(45d), Comment & Resub.(14d),GEO(28d) & Approval (7d)
DDA-440	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	14-Dec-21	18-Apr-22	15-Jun-22	18-Oct-22	183	183	100%	Civil & Struct. for STCS, WGB & Guard Hse - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 7 - CLP Substation and 11kV Switchgear House										
DDA-450	Found. for CLP Sub. & 11kV Switchgear Hse - Prepare (60d), Sub.&Review(45d), Comment&Resub.(14d),GEO(28d) & Approval (7d)	126	21-Apr-21	24-Aug-21	21-May-21	23-Sep-21	30	30	100%	Found. for CLP Sub. & 11kV Switchgear Hse - Prepare (60d), Sub.&Review(45d), Comment&Resub.(14d),GEO(28d) & Approval (7d)
DDA-460	Civil&Struct. for CLP Sub. & 11kV Switchgear Hse - Prep. (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	21-May-21	23-Sep-21	20-Jun-21	23-Oct-21	30	30	100%	Civil&Struct. for CLP Sub. & 11kV Switchgear Hse - Prep. (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)
DDA-490	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (152d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	218	02-Jun-21	05-Jan-22	15-Sep-21	20-Apr-22	105	105	100%	BS for CLP Sub. & 11kV Switchgear Hse - Prepare (152d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-470	Electrical System for all facilities - Prepare (124d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	190	02-Jul-21	07-Jan-22	13-Oct-21	20-Apr-22	103	103	100%	Electrical System for all facilities - Prepare (124d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-480	UPS System for CLP Sub. & 11kV Switchgear Hse - Prepare (135d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	201	02-Sep-21	21-Mar-22	02-Oct-21	20-Apr-22	30	30	100%	UPS System for CLP Sub. & 11kV Switchgear Hse - Prepare (135d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 8 - Advance Works and SCADA Relocation										
DDA-500	Mechanical for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	41	16-May-21	25-Jun-21	28-May-21	07-Jul-21	12	12	100%	Mechanical for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-510	Electrical & Control for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	41	16-May-21	25-Jun-21	28-May-21	07-Jul-21	12	12	100%	Electrical & Control for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-520	BS for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	41	16-May-21	25-Jun-21	18-May-21	27-Jun-21	2	2	100%	BS for Advance Works - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-530	E&M for Advance Works - SCADA Relocation - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	21	15-Jun-21	05-Jul-21	17-Jun-21	07-Jul-21	2	2	100%	E&M for Advance Works - SCADA Relocation - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
Package 9 - Miscellaneous										
DDA-540	Civil & Structural for Misc. Manholes, Draw Pits, Fence Wall - Prep(60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	21-Apr-21	24-Aug-21	03-Mar-25	06-Jul-25	1412	1412	100%	Civil & Structural for Misc. Manholes, Draw Pits, Fence Wall - Prep(60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)
Package 10 - SCADA System, CMMS, IDMS, PQEMS										
DDA-550	Supervisory Control & Data Application (SCADA) System - Prep(60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	126	26-Sep-21	29-Jan-22	11-Jul-23	13-Nov-23	653	653	100%	Supervisory Control & Data Application (SCADA) System - Prep(60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)
DDA-560	Computerised Maintenance Management System (CMMS) - Prep(153d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	219	26-Sep-21	02-May-22	03-May-23	07-Dec-23	584	584	100%	Computerised Maintenance Management System (CMMS) - Prep(153d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)
DDA-570	Information and Document management System (IDMS) - Prep(153d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	119	26-Sep-21	22-Jan-22	11-Aug-23	07-Dec-23	684	684	100%	Information and Document management System (IDMS) - Prep(153d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)
DDA-580	Power Quality & Energy Management System (PQEMS) - Prep(60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)	119	27-Oct-21	22-Feb-22	11-Aug-23	07-Dec-23	653	653	100%	Power Quality & Energy Management System (PQEMS) - Prep(60d), Sub. & Review(45d), Comment & Resub (14d) & Approval (7d)
Package 11 - Building Services										
DDA-600	BS for Sludge Thickening Building (STB) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	01-Jun-21	04-Oct-21	09-Feb-22	14-Jun-22	253	253	100%	BS for Sludge Thickening Building (STB) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-620	BS for Biogas Holder (BH) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	01-Jun-21	04-Oct-21	10-Dec-21	14-Apr-22	192	192	100%	BS for Biogas Holder (BH) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-590	BS for Inlet Works (IW) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	31-Jul-21	03-Dec-21	29-Oct-22	03-Mar-23	455	455	100%	BS for Inlet Works (IW) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)
DDA-610	BS for Primary Sedimentation Tanks (PST) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval (7d)	126	01-Oct-21	03-Feb-22	09-Oct-21	11-Feb-22	8	8	100%	

Work ID	Activity Name	Seq No	Start Date	End Date	Latest	Current	Total Effort	Gantt Chart																	
								1	2	3	4	5	6	7	8	9	10	11	12						
Package 12 - Chemical System for STB								126	07-Jun-22	10-Oct-22	15-Jun-22	18-Oct-22	8												
DDA-650	Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	07-Jun-22	10-Oct-22	15-Jun-22	18-Oct-22	8	██████████ Chemical System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
Package 13 - Pipework System								375	19-Aug-21	28-Aug-22	22-Jan-22	07-Dec-23	466												
DDA-670	Pipeworks System for Primary Sedimentation Tanks (PST) - Prep(57d), Sub.&Review(45d), Comment&Resub(14d) & Approval (7d)	123	19-Aug-21	19-Dec-21	22-Jan-22	24-May-22	156	██████████ Pipeworks System for Primary Sedimentation Tanks (PST) - Prep(57d), Sub.&Review(45d), Comment&Resub(14d) & Approval (7d)																	
DDA-680	Pipeworks System for Biogas Holder (BH) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	123	19-Aug-21	19-Dec-21	22-Jan-22	24-May-22	156	██████████ Pipeworks System for Biogas Holder (BH) - Prep(57d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-690	Pipeworks System for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	20-Dec-21	24-Apr-22	12-Jul-22	14-Nov-22	204	██████████ Pipeworks System for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-700	Pipeworks System for Utility Corridor&Pipe Portal (UC/PP) - Prep(103d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	126	20-Dec-21	24-Apr-22	12-Jul-22	14-Nov-22	204	██████████ Pipeworks System for Utility Corridor&Pipe Portal (UC/PP) - Prep(103d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)																	
DDA-1030	Pipeworks System for Sludge Digesters - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	20-Dec-21	24-Apr-22	31-Mar-23	03-Aug-23	466	██████████ Pipeworks System for Sludge Digesters - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-660	Pipeworks System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	25-Apr-22	28-Aug-22	04-Aug-23	07-Dec-23	466	██████████ Pipeworks System for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 14 - Elevated Walkways								126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919												
DDA-710	Civil & Structural for Elevated Walkways - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919	██████████ Civil & Structural for Elevated Walkways - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 15 - Trellis								126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919												
DDA-720	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919	██████████ Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 16 - Steel Working Platform								126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919												
DDA-730	Civil & Structural for Steel Working Platform - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-Apr-22	04-Aug-22	06-Oct-24	08-Feb-25	919	██████████ Civil & Structural for Steel Working Platform - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 20 - Sludge Dewatering Building (SDB)								784	07-Jun-21	30-Jul-23	14-Dec-22	04-Feb-25	555												
DDA-890	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	07-Jun-21	10-Oct-21	14-Dec-22	18-Apr-23	555	██████████ Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-900	Found. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)	154	11-Oct-21	13-Mar-22	19-Apr-23	19-Sep-23	555	██████████ Found. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)																	
DDA-910	Civil & Struct. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (21d) & Approval(7d)	126	14-Mar-22	17-Jul-22	20-Sep-23	23-Jan-24	555	██████████ Civil & Struct. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (21d) & Approval(7d)																	
DDA-920	General Arrangement & Civil Req. Drawings for SDB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	18-Jul-22	20-Nov-22	24-Jan-24	28-May-24	555	██████████ General Arrangement & Civil Req. Drawings for SDB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-930	Mechanical for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	21-Nov-22	26-Mar-23	29-May-24	01-Oct-24	555	██████████ Mechanical for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-940	Electrical & Control for Sludge Dewatering Bldg (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval (7d)	126	21-Nov-22	26-Mar-23	29-May-24	01-Oct-24	555	██████████ Electrical & Control for Sludge Dewatering Bldg (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval (7d)																	
DDA-950	BS for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	27-Mar-23	30-Jul-23	02-Oct-24	04-Feb-25	555	██████████ BS for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
Package 21 - Administration Building (ADB)								784	19-Mar-23	10-May-25	05-Oct-23	26-Dec-25	230												
DDA-0960	Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	19-Mar-23	22-Jul-23	05-Oct-23	07-Feb-24	200	██████████ Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-0970	Found. for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)	154	23-Jul-23	23-Dec-23	08-Feb-24	10-Jul-24	200	██████████ Found. for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)																	
DDA-0980	Civil & Structural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	24-Dec-23	27-Apr-24	26-Jul-24	28-Nov-24	215	██████████ Civil & Structural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
DDA-0990	General Arrangement & Civil Req. Drawings for ADB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	28-Apr-24	31-Aug-24	14-Dec-24	18-Apr-25	230	██████████ General Arrangement & Civil Req. Drawings for ADB - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-1000	Mechanical for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-Sep-24	04-Jan-25	23-Aug-25	26-Dec-25	356	██████████ Mechanical for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-1010	Electrical & Control for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	01-Sep-24	04-Jan-25	19-Apr-25	22-Aug-25	230	██████████ Electrical & Control for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
DDA-1020	BS for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	05-Jan-25	10-May-25	23-Aug-25	26-Dec-25	230	██████████ BS for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Technical Submission								532	30-Jan-21	15-Jul-22	05-Jun-21	08-Nov-24	847												
Inlet Works (IW)								137	20-Mar-21	03-Aug-21	27-May-22	11-Nov-22	465												
TS-900	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	20-Mar-21	24-May-21	27-May-22	31-Jul-22	433	██████████ Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-890	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	25-Mar-21	29-May-21	01-Jun-22	05-Aug-22	433	██████████ PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-910	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	07-Sep-22	11-Nov-22	465	██████████ General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-920	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	07-Sep-22	11-Nov-22	465	██████████ Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
Primary Sedimentation Tank (PST)								137	20-Mar-21	03-Aug-21	27-May-22	10-Oct-22	433												
TS-930	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	20-Mar-21	24-May-21	27-May-22	31-Jul-22	433	██████████ Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-940	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	25-Mar-21	29-May-21	01-Jun-22	05-Aug-22	433	██████████ PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-950	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	06-Aug-22	10-Oct-22	433	██████████ General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-960	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	06-Aug-22	10-Oct-22	433	██████████ Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
Package 19 - Sludge Thickening Building (STB)								526	30-Jan-21	09-Jul-22	22-Feb-22	07-Dec-23	516												
TS-820	Architectural for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	30-Jan-21	04-Jun-21	09-May-22	11-Sep-22	464	██████████ Architectural for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
TS-830	Found. for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO(28d) & Approval(7d)	154	16-Mar-21	16-Aug-21	22-Feb-22	25-Jul-22	343	██████████ Found. for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO(28d) & Approval(7d)																	
TS-840	Civil & Structural for Sludge Thickening Bldg (STB) - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	93	30-Jul-21	30-Oct-21	06-Nov-22	06-Feb-23	464	██████████ Civil & Structural for Sludge Thickening Bldg (STB) - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
TS-850	General Arrangement & Civil Req. Drawings for STB - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	93	30-Jul-21	30-Oct-21	28-Dec-22	30-Mar-23	516	██████████ General Arrangement & Civil Req. Drawings for STB - Prep(27d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
TS-970	PID - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	93	30-Jul-21	30-Oct-21	06-Nov-22	06-Feb-23	464	██████████ PID - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-980	Equipment Loading Summary - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	93	30-Jul-21	30-Oct-21	18-Jun-23	18-Sep-23	688	██████████ Equipment Loading Summary - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-860	Mechanical for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	31-Oct-21	05-Mar-22	31-Mar-23	03-Aug-23	516	██████████ Mechanical for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
TS-880	BS for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	31-Oct-21	05-Mar-22	04-Aug-23	07-Dec-23	642	██████████ BS for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
TS-870	Electrical & Control for Sludge Thickening Bldg (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	06-Mar-22	09-Jul-22	04-Aug-23	07-Dec-23	516	██████████ Electrical & Control for Sludge Thickening Bldg (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
H2S Removal System (H2S)								228	30-Nov-21	15-Jul-22	26-Mar-24	08-Nov-24	847												
TS-1000	Civil Requirement Drawings (Superstructure) - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	91	30-Nov-21	28-Feb-22	26-Mar-24	24-Jun-24	847	██████████ Civil Requirement Drawings (Superstructure) - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1020	PID - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	91	30-Nov-21	28-Feb-22	26-Mar-24	24-Jun-24	847	██████████ PID - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1010	Equipment Loading Summary - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	91	30-Nov-21	28-Feb-22	26-Mar-24	24-Jun-24	847	██████████ Equipment Loading Summary - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-990	General Arrangement Drawing - Prep(26d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	92	15-Apr-22	15-Jul-22	09-Aug-24	08-Nov-24	847	██████████ General Arrangement Drawing - Prep(26d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
Package 17 - Sludge Digesters (SD)								252	30-Jun-21	08-Mar-22	25-May-22	20-Mar-24	743												
TS-740	Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)	126	30-Jun-21	02-Nov-21	25-May-22	27-Sep-22	329	██████████ Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval (7d)																	
TS-750	Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	30-Jun-21	02-Nov-21	30-Mar-23	02-Aug-23	638	██████████ Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
TS-760	General Arrangement & Civil Req. Drawings for SD - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	30-Jun-21	02-Nov-21	13-Jul-23	15-Nov-23	743	██████████ General Arrangement & Civil Req. Drawings for SD - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
TS-1030	PID - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	30-Jun-21	02-Nov-21	16-Nov-23	20-Mar-24	869	██████████ PID - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1040	Equipment Loading Summary - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	126	30-Jun-21	02-Nov-21	16-Nov-23	20-Mar-24	869	██████████ Equipment Loading Summary - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-770	Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	126	03-Nov-21	08-Mar-22	16-Nov-23	20-Mar-24	743	██████████ Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
Package 18 - Biogas Holders (BH)								295	21-May-21	11-Mar-22	05-Jun-21	24-May-22	74												
TS-780	Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval(7d)	147	21-May-21	14-Oct-21	05-Jun-21	29-Oct-21	15	██████████ Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Approval(7d)																	
TS-790	Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)	66	30-May-21	03-Aug-21	12-Aug-21	16-Oct-21	74	██████████ Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)																	
TS-1050	PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	14-Nov-21	18-Jan-22	168	██████████ PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1060	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	66	30-May-21	03-Aug-21	14-Nov-21	18-Jan-22	168	██████████ Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-810	Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	126	18-Aug-21	21-Dec-21	19-Jan-22	24-May-22	154	██████████ Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
TS-800	General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)	193	31-Aug-21	11-Mar-22	13-Nov-21	24-May-22	74	██████████ General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)																	
SCADA								210																	

Work ID	Activity Name	Duration	Start	Finish	Latest	Earliest	Total Effort	Gantt Chart																	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
TS-1100	System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&Approval (7d)	210	31-Oct-21	28-May-22	12-May-23	07-Dec-23	558	System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&Approval (7d)																	
Utility Corridor and Pipe Portal								210	31-Oct-21	28-May-22	07-Aug-23	03-Mar-24	645												
TS-1110	General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	31-Oct-21	28-May-22	07-Aug-23	03-Mar-24	645	General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1120	Civil Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	31-Oct-21	28-May-22	07-Aug-23	03-Mar-24	645	Civil Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
TS-1140	Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)	210	31-Oct-21	28-May-22	07-Aug-23	03-Mar-24	645	Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)																	
Material Submission, Procurement, Manufacturing and Delivery								300	09-Nov-20	04-Sep-21	14-Nov-20	19-Dec-23	836												
PRE-240	Submit/Procure/Manufacture/Deliver TTS & Auxiliary Facility Equip.	270	09-Nov-20	05-Aug-21	25-Mar-23	19-Dec-23	866	Submit/Procure/Manufacture/Deliver TTS & Auxiliary Facility Equip.																	
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.	270	09-Nov-20	05-Aug-21	31-Jan-23	27-Oct-23	813	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.																	
PRE-210	Submit/Procure/Manufacture/Deliver New Inlet Works Equip.	180	09-Nov-20	07-May-21	16-May-22	11-Nov-22	553	Submit/Procure/Manufacture/Deliver New Inlet Works Equip.																	
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.	180	09-Nov-20	07-May-21	14-Apr-22	10-Oct-22	521	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.																	
PRE-250	Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks	300	09-Nov-20	04-Sep-21	23-Nov-22	18-Sep-23	744	Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks																	
PRE-260	Submit/Procure/Manufacture/Deliver Diversion Works	44	09-Nov-20	22-Dec-20	14-Nov-20	27-Dec-20	5	Submit/Procure/Manufacture/Deliver Diversion Works																	
Site Establishment Works								1432	09-Nov-20	05-Jun-25	02-Dec-20	20-Jun-26	326												
PG-100	Prepare/Submit Supplementary Contamination Assessment Plan (CAP)	12	21-Dec-20	06-Jan-21	07-Jan-21	20-Jan-21	12	Prepare/Submit Supplementary Contamination Assessment Plan (CAP)																	
PG-120	Procurement Asbestos Specialist	30	21-Dec-20	19-Jan-21	07-Feb-21	08-Mar-21	48	Procurement Asbestos Specialist																	
PG-110	Approved Supplementary CAP	30	07-Jan-21	05-Feb-21	21-Jan-21	19-Feb-21	14	Approved Supplementary CAP																	
PG-130	Submit/Approve Methos Statement for Asbestos Treatment and Removal	30	20-Jan-21	18-Feb-21	09-Mar-21	07-Apr-21	48	Submit/Approve Methos Statement for Asbestos Treatment and Removal																	
Portion 1 - IW Stage 1, PST, MBR, AF, TTS, STCS, Utilities Corridor, Pipe Portal								147	09-Nov-20	14-May-21	02-Dec-20	26-Jun-21	35												
P1-100	Portion 1 - Initial Survey and Record, Underground Utilities Detection	60	09-Nov-20	20-Jan-21	02-Dec-20	19-Feb-21	20	Portion 1 - Initial Survey and Record, Underground Utilities Detection																	
P1-120	Portion 1 - Land Contamination Site Investigation	13	06-Feb-21	27-Feb-21	20-Feb-21	06-Mar-21	6	Portion 1 - Land Contamination Site Investigation																	
P1-110	Portion 1 - Installation of Water Barriers, Clearance, Hbal Road and Temp Facilities	48	08-Feb-21	15-Apr-21	20-Feb-21	21-Apr-21	5	Portion 1 - Installation of Water Barriers, Clearance, Hbal Road and Temp Facilities																	
P1-200	Portion 1 - Asbestos Survey	18	19-Feb-21	11-Mar-21	08-Apr-21	28-Apr-21	37	Portion 1 - Asbestos Survey																	
P1-130	Portion 1 - Submit/Approve CAR and RAP	18	01-Mar-21	20-Mar-21	08-Mar-21	27-Mar-21	6	Portion 1 - Submit/Approve CAR and RAP																	
P1-210	Portion 1 - Asbestos Removal	48	12-Mar-21	12-May-21	29-Apr-21	26-Jun-21	37	Portion 1 - Asbestos Removal																	
P1-140	Portion 1 - Carry out RAP	24	22-Mar-21	22-Apr-21	29-Mar-21	29-Apr-21	6	Portion 1 - Carry out RAP																	
P1-150	Portion 1 - Submit Remediation Report	18	23-Apr-21	14-May-21	30-Apr-21	22-May-21	6	Portion 1 - Submit Remediation Report																	
Portion 2 - IW Stage 2								46	08-Jun-21	02-Aug-21	12-Jun-21	14-Sep-21	37												
P2-100	Portion 2 - Initial Survey and Record, Underground Utilities Detection	12	08-Jun-21	22-Jun-21	12-Jun-21	26-Jun-21	4	Portion 2 - Initial Survey and Record, Underground Utilities Detection																	
P2-110	Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	08-Jun-21	22-Jun-21	12-Jun-21	26-Jun-21	4	Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																	
P2-120	Portion 2 - Land Contamination Site Investigation	14	26-Jun-21	13-Jul-21	28-Jun-21	14-Jul-21	1	Portion 2 - Land Contamination Site Investigation																	
P2-140	Portion 2 - Carry out RAP	24	26-Jun-21	24-Jul-21	10-Aug-21	06-Sep-21	37	Portion 2 - Carry out RAP																	
P2-150	Submit Remediation Report	7	26-Jul-21	02-Aug-21	07-Sep-21	14-Sep-21	37	Submit Remediation Report																	
Portion 3 - PST, SDB, Admin. Bldg								69	26-Jan-24	27-Apr-24	27-Feb-24	29-Jul-24	75												
P3-100	Portion 3 - Initial Survey and Record, Underground Utilities Detection	12	26-Jan-24	16-Feb-24	27-Feb-24	11-Mar-24	20	Portion 3 - Initial Survey and Record, Underground Utilities Detection																	
P3-110	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	17	26-Jan-24	22-Feb-24	27-Feb-24	16-Mar-24	20	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																	
P3-120	Portion 3 - Land Contamination Site Investigation	10	22-Feb-24	05-Mar-24	18-Mar-24	28-Mar-24	20	Portion 3 - Land Contamination Site Investigation																	
P3-140	Portion 3 - Carry out RAP	24	05-Mar-24	06-Apr-24	08-Jun-24	08-Jul-24	75	Portion 3 - Carry out RAP																	
P3-150	Portion 3 - Submit Remediation Report	18	06-Apr-24	27-Apr-24	09-Jul-24	29-Jul-24	75	Portion 3 - Submit Remediation Report																	
Portion 4 - EVA								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	Portion 4 - Initial Survey and Record, Underground Utilities Detection																	
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	Portion 4 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																	
P4-120	Portion 4 - Land Contamination Site Investigation	12	27-Mar-25	10-Apr-25	16-Apr-26	29-Apr-26	307	Portion 4 - Land Contamination Site Investigation																	
P4-140	Portion 4 - Carry out RAP	24	11-Apr-25	14-May-25	30-Apr-26	29-May-26	307	Portion 4 - Carry out RAP																	
P4-150	Portion 4 - Submit Remediation Report	18	15-May-25	05-Jun-25	30-May-26	20-Jun-26	307	Portion 4 - Submit Remediation Report																	
Portion 5 - Walkway								12	12-Jun-23	26-Jun-23	06-Aug-25	19-Aug-25	633												
P5-100	Portion 5 - Initial Survey and Record, Underground Utilities Detection	12	12-Jun-23	26-Jun-23	06-Aug-25	19-Aug-25	633	Portion 5 - Initial Survey and Record, Underground Utilities Detection																	
P5-110	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	12-Jun-23	26-Jun-23	06-Aug-25	19-Aug-25	633	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities																	
PM and Contractor Accomodation								213	18-Feb-21	05-Nov-21	05-Mar-27	08-Nov-27	1780												
Project Manager's & Contractor Site Accommodation								158	18-Feb-21	30-Aug-21	05-Mar-27	08-Nov-27	1835												
PMCA-110	Design and Procurement of MiC	45	18-Feb-21	15-Apr-21	05-Mar-27	26-Apr-27	1780	Design and Procurement of MiC																	
PMCA-140	Submission and approved MS & PMAC	18	16-Apr-21	07-May-21	27-Apr-27	17-May-27	1780	Submission and approved MS & PMAC																	
MiC Section								95	08-May-21	30-Aug-21	21-Jul-27	08-Nov-27	1835												
PMCA-150	Construction of Pad Footing	6	08-May-21	14-May-21	21-Jul-27	27-Jul-27	1835	Construction of Pad Footing																	
PMCA-160	Construction of Sewage pipeworks and Septic Tank	17	15-May-21	04-Jun-21	28-Jul-27	16-Aug-27	1835	Construction of Sewage pipeworks and Septic Tank																	
PMCA-170	Construction of G/F Structure Works	16	05-Jun-21	24-Jun-21	17-Aug-27	03-Sep-27	1835	Construction of G/F Structure Works																	
PMCA-180	Construction of 1/F Structure Works	18	25-Jun-21	16-Jul-21	04-Sep-27	24-Sep-27	1835	Construction of 1/F Structure Works																	
PMCA-190	Installation of Green Roof	16	17-Jul-21	04-Aug-21	25-Sep-27	13-Oct-27	1835	Installation of Green Roof																	
PMCA-200	Construction of Covered Car Park	13	17-Jul-21	31-Jul-21	29-Sep-27	13-Oct-27	1838	Construction of Covered Car Park																	
PMCA-210	Installation of E&M and ABWF Works	12	05-Aug-21	18-Aug-21	14-Oct-27	27-Oct-27	1835	Installation of E&M and ABWF Works																	
PMCA-220	Installation of Energy Efficient Features	12	05-Aug-21	18-Aug-21	14-Oct-27	27-Oct-27	1835	Installation of Energy Efficient Features																	
PMCA-230	Construction of Rain and Surface Water Drainage Works	10	19-Aug-21	30-Aug-21	28-Oct-27	08-Nov-27	1835	Construction of Rain and Surface Water Drainage Works																	
Caving System								150	08-May-21	05-Nov-21	18-May-27	08-Nov-27	1780												
PMCA-240	Caving System Construction	90	08-May-21	24-Aug-21	18-May-27	30-Aug-27	1780	Caving System Construction																	
PMCA-250	Caving System Installation	60	25-Aug-21	05-Nov-21	31-Aug-27	08-Nov-27	1780	Caving System Installation																	
Environmental Mitigation Measures for KD1 & 2								129	09-Nov-20	22-Apr-21	09-Nov-20	06-May-21	11												
Noise Barrier								117	09-Nov-20	08-Apr-21	09-Nov-20	08-Apr-21	0												
NB Northern Side								75	09-Nov-20	06-Feb-21	09-Nov-20	06-Feb-21	0												
NBN-00	NB North - Concrete Block Laying (474 nos.)	12	09-Nov-20	21-Nov-20	09-Nov-20	21-Nov-20	0	NB North - Concrete Block Laying (474 nos.)																	
NBN-10	NB North - Steel Member Installation (1,150m)	30	23-Nov-20	29-Dec-20	23-Nov-20	29-Dec-20	0	NB North - Steel Member Installation (1,150m)																	
NBN-20	NB North - Rails Installation (Horizontal and Vertical)	30	23-Nov-20	29-Dec-20	23-Nov-20	29-Dec-20	0	NB North - Rails Installation (Horizontal and Vertical)																	
NBN-30	NB North - Noise Panel Installation (7077 nos.)	33	30-Dec-20	06-Feb-21	30-Dec-20	06-Feb-21	0	NB North - Noise Panel Installation (7077 nos.)																	
NB Eastern Side								75	30-Dec-20	08-Apr-21	30-Dec-20	08-Apr-21	0												
NBE-00	NB East - Concrete Block Laying (681 nos.)	12	30-Dec-20	13-Jan-21	30-Dec-20	13-Jan-21	0	NB East - Concrete Block Laying (681 nos.)																	
NBE-10	NB East - Steel Member Installation (1,650m)	30	14-Jan-21	24-Feb-21	14-Jan-21	24-Feb-21	0	NB East - Steel Member Installation (1,650m)																	



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

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

Detailed Works Programme

Project ID : DWP.DPr1_210422
 Layout : DC201910 Detailed Programme
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Detailed Works Programme			
Date	Revision	Checked	Approved
15-Mar-21	Rev. 0		
21-Apr-21	Rev 1		

Activity Code	Activity Name	Duration	Start	Finish	Latest Start	Latest Finish	Total Effort	2021												2022												2023												2024											
								Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NBE-20	NB East - Rails Installation (Horizontal and Vertical)	30	14-Jan-21	24-Feb-21	14-Jan-21	24-Feb-21	0	■ NB East - Rails Installation (Horizontal and Vertical)																																															
NBE-30	NB East - Noise Panel Installation (1,057 nos.)	33	25-Feb-21	08-Apr-21	25-Feb-21	08-Apr-21	0	■ NB East - Noise Panel Installation (1,057 nos.)																																															
NB Western Side																																																							
NBW-00B	NB West - Concrete Block Laying (225 nos.)	12	08-Feb-21	08-Apr-21	08-Feb-21	08-Apr-21	0	■ NB West - Concrete Block Laying (225 nos.)																																															
NBW-10	NB West - Steel Member Installation (127m)	20	01-Mar-21	23-Mar-21	01-Mar-21	23-Mar-21	0	■ NB West - Steel Member Installation (127m)																																															
NBW-20	NB West - Rails Installation (Horizontal and Vertical)	20	01-Mar-21	23-Mar-21	01-Mar-21	23-Mar-21	0	■ NB West - Rails Installation (Horizontal and Vertical)																																															
NBW-30	NB North - Noise Panel Installation (385 nos.)	10	24-Mar-21	08-Apr-21	24-Mar-21	08-Apr-21	0	■ NB North - Noise Panel Installation (385 nos.)																																															
Bird Curtain																																																							
BC-10	BC - Concrete Block Laying	24	14-Jan-21	10-Feb-21	27-Jan-21	02-Mar-21	11	■ BC - Concrete Block Laying																																															
BC-20	BC - Installation of Post	32	18-Feb-21	26-Mar-21	03-Mar-21	13-Apr-21	11	■ BC - Installation of Post																																															
BC-30	BC - Installation of Bird Curtain	19	27-Mar-21	22-Apr-21	14-Apr-21	06-May-21	11	■ BC - Installation of Bird Curtain																																															
General Advance Works																																																							
NSWSPS Sensors																																																							
ATALGA-1130	CMS - NSWSPS Sensor	51	01-Jun-21*	29-Dec-21	08-Aug-23	11-Mar-24	642	■ CMS - NSWSPS Sensor																																															
ATALGA-1160	CGS - Method Statement for Installation	101	02-Aug-21	01-Dec-21	09-Oct-23	07-Feb-24	642	■ CGS - Method Statement for Installation																																															
ATALGA-1170	Procurement & Delivery of Sensor	101	02-Aug-21	01-Dec-21	09-Oct-23	07-Feb-24	642	■ Procurement & Delivery of Sensor																																															
ATALGA-1260	Installation of pressure sensors at NSWSPS	22	01-Dec-21	29-Dec-21	08-Feb-24	11-Mar-24	642	■ Installation of pressure sensors at NSWSPS																																															
Air Blower House																																																							
ATALGA-1280	CMS - Air Blower System	127	01-Jun-22*	02-Nov-22	04-Jan-23	14-Jun-23	278	■ 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																																															
Temporary CHP System																																																							
ATALGA-1230	CGS - Method Statement for Relocation	93	02-Nov-21*	01-Mar-22	10-Dec-22	12-Apr-23	326	■ CGS - Method Statement for Relocation																																															
ATALGA-1240	Procurement & Delivery of Materials	100	01-Mar-22	05-Jul-22	13-Apr-23	11-Aug-23	326	■ Procurement & Delivery of Materials																																															
ATALGA-1250	Civil Structural Construction of CHP system house c/w pipework	100	05-Jul-22*	02-Nov-22	12-Aug-23	09-Dec-23	326	■ Civil Structural Construction of CHP system house c/w pipework																																															
ATALGA-1320	E&M installation of CHP system	47	02-Nov-22	29-Dec-22	11-Dec-23	06-Feb-24	326	■ E&M installation of CHP system																																															
ATALGA-1330	T&C	23	29-Dec-22	02-Feb-23	07-Feb-24	11-Mar-24	326	■ T&C																																															
Disc Filter (DF) Pilot Plant																																																							
ATALGA-1080	CGS - Method Statement for Relocation	63	01-Apr-21*	21-Jun-21	17-Jun-22	30-Aug-22	352	■ CGS - Method Statement for Relocation																																															
ATALGA-1090	Procurement & Delivery of Materials	97	21-Jun-21	16-Oct-21	13-Aug-22	24-Dec-22	352	■ Procurement & Delivery of Materials																																															
ATALGA-1000	Civil Structural Construction of DF Pilot Plant from STSTW c/w of relevant underground pipeworks	211	16-Oct-21*	09-Jul-22	23-Mar-23	07-Dec-23	418	■ 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	09-Jul-22	07-Sep-22	07-Dec-23	07-Feb-24	418	■ E&M installation of DF Pilot Plant																																															
ATALGA-1190	T&C	22	07-Sep-22	06-Oct-22	08-Feb-24	11-Mar-24	418	■ T&C																																															
Dissolved Air Flotation (DAF) Pilot Plant																																																							
ATALGA-1100	CGS - Method Statement for Relocation	47	21-Jun-21	16-Aug-21	31-Aug-22	27-Oct-22	352	■ CGS - Method Statement for Relocation																																															
ATALGA-1110	Procurement & Delivery of Materials	97	16-Aug-21	10-Dec-21	28-Oct-22	28-Feb-23	352	■ Procurement & Delivery of Materials																																															
ATALGA-1070	Civil Structural Construction of DAF Pilot Plant from STSTW	97	10-Dec-21*	14-Apr-22	01-Mar-23	29-Jun-23	352	■ Civil Structural Construction of DAF Pilot Plant from STSTW																																															
ATALGA-1150	E&M installation of DAF Pilot Plant	51	14-Apr-22	20-Jun-22	30-Jun-23	29-Aug-23	352	■ E&M installation of DAF Pilot Plant																																															
ATALGA-1200	T&C	11	20-Jun-22	04-Jul-22	30-Aug-23	11-Sep-23	352	■ T&C																																															
ATALGA-1220	Post-commissioning	144	04-Jul-22	22-Dec-22	12-Sep-23	11-Mar-24	352	■ Post-commissioning																																															
Aerobic Granular Sludge (AGS) Pilot Plant																																																							
ATALGA-1030	AIP - AGS Pilot Plant	20	18-Feb-21*	12-Mar-21	21-May-22	14-Jun-22	366	■ AIP - AGS Pilot Plant																																															
ATALGA-1040	DDA - AGS Pilot Plant	21	13-Mar-21	10-Apr-21	23-Mar-23	20-Apr-23	594	■ DDA - AGS Pilot Plant																																															
ATALGA-1050	CMS - AGS Pilot Plant	48	13-Mar-21	13-May-21	15-Jun-22	10-Aug-22	366	■ CMS - AGS Pilot Plant																																															
ATALGA-1060	CGS - Method Statement for Installation	47	25-Mar-21	25-May-21	04-Apr-23	03-Jun-23	594	■ CGS - Method Statement for Installation																																															
ATALGA-1120	Procurement & Delivery of Materials	100	28-Apr-21	26-Aug-21	27-Jul-22	23-Nov-22	366	■ Procurement & Delivery of Materials																																															
ATALGA-1010	Civil Structural Construction of AGS Pilot Plant	150	27-Aug-21*	03-Mar-22	24-Nov-22	03-Jun-23	366	■ Civil Structural Construction of AGS Pilot Plant																																															
ATALGA-1180	E&M installation of AGS Pilot Plant	36	04-Mar-22	19-Apr-22	05-Jun-23	18-Jul-23	366	■ E&M installation of AGS Pilot Plant																																															
ATALGA-1210	Seeding, process start-up and T&C	52	20-Apr-22	22-Jun-22	19-Jul-23	16-Sep-23	366	■ Seeding, process start-up and T&C																																															
ATALGA-1270	Post-commissioning	139	23-Jun-22	06-Dec-22	18-Sep-23	11-Mar-24	366	■ Post-commissioning																																															
Zone 1 Construction																																																							
Demolition and Temporary Modification/Diversion Works																																																							
PST Overhaul Works																																																							
ATALPST-5130	Completion of Overhaul Works (Zone 1)	0		10-Jul-21*		31-Jul-21	18	◆ Completion of Overhaul Works (Zone 1)																																															
PST Existing Primary Sedimentation Tanks (PST)																																																							
ATALPST-1000	Method Statement / PMAC Submission and Approval for PST	55	09-Nov-20	14-Jan-21	30-Nov-20	04-Feb-21	18	■ Method Statement / PMAC Submission and Approval for PST																																															
ATALPST-1030	Procurement of Wheels, Carbon Brush, Motor/Gearbox for PST No. 1 to No. 4	60	15-Jan-21	01-Apr-21	05-Feb-21	27-Apr-21	18	■ Procurement of Wheels, Carbon Brush, Motor/Gearbox for PST No. 1 to No. 4																																															
ATALPST-1040	Procurement of Scraper Frame Robs	32	15-Jan-21	27-Feb-21	05-Feb-21	20-Mar-21	18	■ Procurement of Scraper Frame Robs																																															
PST No. 2 & 4																																																							
ATALPST-1020	Isolation and Pre-test for PST 2 & 4	14	15-Jan-21	30-Jan-21	05-Feb-21	27-Feb-21	18	■ Isolation and Pre-test for PST 2 & 4																																															
ATALPST-1070	Construction of Bamboo Scaffolding	7	01-Feb-21	08-Feb-21	01-Mar-21	08-Mar-21	18	■ Construction of Bamboo Scaffolding																																															
ATALPST-1090	Replacement of Screws for the Rotatory Bridge	11	09-Feb-21	27-Feb-21	09-Mar-21	20-Mar-21	18	■ Replacement of Screws for the Rotatory Bridge																																															
ATALPST-1120	Replacement of Scraper Frame Robs	25	01-Mar-21	29-Mar-21	22-Mar-21	23-Apr-21	18	■ Replacement of Scraper Frame Robs																																															
ATALPST-1160	Disassembly of Scraper Drive Unit / Penstock Actuators / Valves	3	30-Mar-21	01-Apr-21	24-Apr-21	27-Apr-21	18	■ Disassembly of Scraper Drive Unit / Penstock Actuators / Valves																																															
ATALPST-1170	Disassembly, Condition Checking of Scraper Drive Units	17	07-Apr-21	26-Apr-21	28-Apr-21	18-May-21	18	■ Disassembly, Condition Checking of Scraper Drive Units																																															
ATALPST-1180	Removal of Centre Bearing from PST 2	17	07-Apr-21	26-Apr-21	28-Apr-21	18-May-21	18	■ Removal of Centre Bearing from PST 2																																															
ATALPST-1190	Reconditioning and Replacement of Scraper Drive Units	17	07-Apr-21	26-Apr-21	28-Apr-21	18-May-21	18	■ Reconditioning and Replacement of Scraper Drive Units																																															
ATALPST-1230	Return of all Drive Units and Centre Bearing for Reassembly	4	27-Apr-21	30-Apr-21	30-May-21	24-May-21	18	■ Return of all Drive Units and Centre Bearing for Reassembly																																															
ATALPST-1260	Power Reconnection and Testing	3	03-May-21	05-May-21	25-May-21	27-May-21	18	■ Power Reconnection and Testing																																															
PST No. 1																																																							
ATALPST-1440	Isolation and Conduct Pre-test for PST No. 1	4	01-Mar-21	04-Mar-21	22-Mar-21	25-Mar-21	18	■ Isolation and Conduct Pre-test for PST No. 1																																															



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

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

Detailed Works Programme

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Work ID	Activity Name	Duration	Start	Finish	Latest	Earliest	Total Effort	Gantt Chart																																				
								Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
PST Demolition Stage 2								15	13-Aug-21	30-Aug-21	22-Oct-21	29-Apr-22	71																															
PSTTD1-4080	Demolition of Existing PST 6	15	13-Aug-21	30-Aug-21	09-Apr-22	29-Apr-22	71	■ Demolition of Existing PST 6																																				
PSTTD1-4090	Demolition of Existing PST 5	15	13-Aug-21	30-Aug-21	22-Oct-21	09-Apr-22	57	■ Demolition of Existing PST 5																																				
Temporary Flowmeter Chamber (F)								50	11-May-21	10-Jul-21	21-Aug-21	21-Oct-21	85																															
PSTTD1-4020	CMS - Electromagnetic Flowmeter (EMF) & Valves	24	11-May-21	08-Jun-21	21-Aug-21	17-Sep-21	85	■ CMS - Electromagnetic Flowmeter (EMF) & Valves																																				
PSTTD1-4030	Procurement and Delivery of Materials	40	12-May-21	29-Jun-21	23-Aug-21	09-Oct-21	85	■ Procurement and Delivery of Materials																																				
PSTTD1-4050	E&M installation of EMF & valves & cabling	19	03-Jun-21	25-Jun-21	13-Sep-21	06-Oct-21	85	■ E&M installation of EMF & valves & cabling																																				
PSTTD1-4070	T&C (Functional test for EMF)	12	26-Jun-21	10-Jul-21	07-Oct-21	21-Oct-21	85	■ T&C (Functional test for EMF)																																				
Inlet Works (IW)								1045	09-Nov-20	11-Mar-24	09-Nov-20	11-Mar-24	0																															
IW Temporary Workshop, Storage Facil. and Haul Road								78	15-Dec-20	25-Mar-21	14-Jan-21	26-Apr-21	23																															
IW-2010	Submit/Approve Method Statement	48	15-Dec-20	18-Feb-21	14-Jan-21	17-Mar-21	23	■ Submit/Approve Method Statement																																				
IW-2020	Equipment and Material Procurement	78	15-Dec-20	25-Mar-21	14-Jan-21	26-Apr-21	23	■ Equipment and Material Procurement																																				
IW Footprint Demolition Works								68	16-Apr-21	08-Jul-21	22-Apr-21	09-Jul-21	1																															
IW-2350	Inlet Work Stage 1 - Site Clearance	7	16-Apr-21	23-Apr-21	22-Apr-21	29-Apr-21	5	■ Inlet Work Stage 1 - Site Clearance																																				
IW-2410	Demolition of Workshop (25) and Main Store (26)	10	26-Jun-21	08-Jul-21	28-Jun-21	09-Jul-21	1	■ Demolition of Workshop (25) and Main Store (26)																																				
IW Foundation & ELS Works								413	09-Nov-20	04-Mar-22	09-Nov-20	04-Mar-22	0																															
IW-2000	IW - Predrilling Works Method Statement Preparation	44	09-Nov-20	31-Dec-20	16-Nov-20	08-Jan-21	6	■ IW - Predrilling Works Method Statement Preparation																																				
IW-2030	IW - Predrilling Works Method Statement Submission and Approval	12	02-Jan-21	15-Jan-21	09-Jan-21	22-Jan-21	6	■ IW - Predrilling Works Method Statement Submission and Approval																																				
IW-2050	IW - GI Monitoring Points Installation Method Statement Submission and Approval	45	16-Jan-21	16-Mar-21	23-Jan-21	23-Mar-21	6	■ IW - GI Monitoring Points Installation Method Statement Submission and Approval																																				
IW-2060	IW - GI Piezometer and Standpipe Installation Method Statement Submission and Approval	42	16-Jan-21	12-Mar-21	27-Jan-21	23-Mar-21	9	■ IW - GI Piezometer and Standpipe Installation Method Statement Submission and Approval																																				
IW GI - Monitoring Points Installation								29	16-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6																															
IW-2230	IW - Piezometer and Standpipe (PS6)	9	16-Mar-21	25-Mar-21	24-Mar-21	07-Apr-21	7	■ IW - Piezometer and Standpipe (PS6)																																				
IW-2240	IW - Ground Settlement Markers Installation	28	17-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6	■ IW - Ground Settlement Markers Installation																																				
IW-2250	IW - Vibration Monitoring Points Installation	28	17-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6	■ IW - Vibration Monitoring Points Installation																																				
IW-2260	IW - Building Settlement Monitoring Points Installation	28	17-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6	■ IW - Building Settlement Monitoring Points Installation																																				
IW-2270	IW - Tilting Monitoring Points Installation	28	17-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6	■ IW - Tilting Monitoring Points Installation																																				
IW-2280	IW - Utility Monitoring Points Installation	28	17-Mar-21	22-Apr-21	24-Mar-21	29-Apr-21	6	■ IW - Utility Monitoring Points Installation																																				
IW-2290	IW - Piezometer and Standpipe (PS7)	9	26-Mar-21	09-Apr-21	08-Apr-21	17-Apr-21	7	■ IW - Piezometer and Standpipe (PS7)																																				
IW-2330	IW - Piezometer and Standpipe (PS8)	9	26-Mar-21	09-Apr-21	08-Apr-21	17-Apr-21	7	■ IW - Piezometer and Standpipe (PS8)																																				
IW-2340	IW - Piezometer and Standpipe (PS9)	10	10-Apr-21	21-Apr-21	19-Apr-21	29-Apr-21	7	■ IW - Piezometer and Standpipe (PS9)																																				
IW-2360	IW - Piezometer and Standpipe (PS10)	10	10-Apr-21	21-Apr-21	19-Apr-21	29-Apr-21	7	■ IW - Piezometer and Standpipe (PS10)																																				
IW-2370	IW - Monitoring Points Installation Complete	0		22-Apr-21		29-Apr-21	6	◆ IW - Monitoring Points Installation Complete																																				
IW GI - Predrilling Works								77	02-Jan-21	13-Apr-21	22-Jan-21	21-Apr-21	7																															
IW-2040	IW - Predrilling Preparation, Drill Rig A	2	02-Jan-21	04-Jan-21	22-Jan-21	23-Jan-21	17	■ IW - Predrilling Preparation, Drill Rig A																																				
IW-2070	IW - PD10	18	05-Jan-21	25-Jan-21	28-Jan-21	24-Feb-21	20	■ IW - PD10																																				
IW-2080	IW - Predrilling Preparation, Drill Rig B	18	16-Jan-21	05-Feb-21	25-Jan-21	20-Feb-21	7	■ IW - Predrilling Preparation, Drill Rig B																																				
IW-2090	IW - PD11	15	26-Jan-21	18-Feb-21	25-Feb-21	13-Mar-21	20	■ IW - PD11																																				
IW-2100	IW - PD1	15	06-Feb-21	02-Mar-21	10-Mar-21	26-Mar-21	21	■ IW - PD1																																				
IW-2110	IW - Predrilling Preparation, Drill Rig C	5	06-Feb-21	18-Feb-21	22-Feb-21	26-Feb-21	7	■ IW - Predrilling Preparation, Drill Rig C																																				
IW-2130	IW - PD12	14	19-Feb-21	06-Mar-21	15-Mar-21	30-Mar-21	20	■ IW - PD12																																				
IW-2140	IW - PD6	15	19-Feb-21	08-Mar-21	27-Feb-21	16-Mar-21	7	■ IW - PD6																																				
IW-2150	IW - Predrilling Preparation, Drill Rig D	5	19-Feb-21	24-Feb-21	16-Mar-21	20-Mar-21	21	■ IW - Predrilling Preparation, Drill Rig D																																				
IW-2160	IW - PD13	14	25-Feb-21	12-Mar-21	01-Apr-21	21-Apr-21	30	■ IW - PD13																																				
IW-2170	IW - Predrilling Preparation, Drill Rig E	2	25-Feb-21	26-Feb-21	22-Mar-21	23-Mar-21	21	■ IW - Predrilling Preparation, Drill Rig E																																				
IW-2180	IW - PD8	15	27-Feb-21	16-Mar-21	31-Mar-21	21-Apr-21	27	■ IW - PD8																																				
IW-2190	IW - Predrilling Preparation, Drill Rig F	6	27-Feb-21	05-Mar-21	24-Mar-21	30-Mar-21	21	■ IW - Predrilling Preparation, Drill Rig F																																				
IW-2200	IW - PD7	18	03-Mar-21	23-Mar-21	27-Mar-21	21-Apr-21	21	■ IW - PD7																																				
IW-2210	IW - PD9	15	08-Mar-21	24-Mar-21	31-Mar-21	21-Apr-21	20	■ IW - PD9																																				
IW-2220	IW - PD5	13	09-Mar-21	23-Mar-21	17-Mar-21	31-Mar-21	7	■ IW - PD5																																				
IW-2300	IW - PD2	14	24-Mar-21	13-Apr-21	01-Apr-21	21-Apr-21	7	■ IW - PD2																																				
IW-2310	IW - PD4	14	24-Mar-21	13-Apr-21	01-Apr-21	21-Apr-21	7	■ IW - PD4																																				
IW-2320	IW - PD3	14	24-Mar-21	13-Apr-21	01-Apr-21	21-Apr-21	7	■ IW - PD3																																				
IW-2890	IW - Pre-drilling Works Complete	0		13-Apr-21		21-Apr-21	7	◆ IW - Pre-drilling Works Complete																																				
IW GI - Environmental								28	26-Jun-21	29-Jul-21	28-Jun-21	30-Jul-21	1																															
IW-2430	ENV-BH31	7	26-Jun-21	05-Jul-21	28-Jun-21	06-Jul-21	1	■ ENV-BH31																																				
IW-2440	ENV-BH34	7	26-Jun-21	05-Jul-21	28-Jun-21	06-Jul-21	1	■ ENV-BH34																																				
IW-2450	ENV-BH32	7	06-Jul-21	13-Jul-21	07-Jul-21	14-Jul-21	1	■ ENV-BH32																																				
IW-2460	ENV-BH35	7	06-Jul-21	13-Jul-21	07-Jul-21	14-Jul-21	1	■ ENV-BH35																																				
IW-2480	ENV-BH33	7	14-Jul-21	21-Jul-21	15-Jul-21	22-Jul-21	1	■ ENV-BH33																																				
IW-2490	ENV-BH36	7	14-Jul-21	21-Jul-21	15-Jul-21	22-Jul-21	1	■ ENV-BH36																																				
IW-2510	ENV-BH37	7	22-Jul-21	29-Jul-21	23-Jul-21	30-Jul-21	1	■ ENV-BH37																																				
IW Foundation & ELS Stage 1								344	09-Nov-20	14-Dec-21	09-Nov-20	19-Jan-22	31																															
NMM-2020	PS 1.105A Noise Mitigation Measures 2020-2021	143	09-Nov-20	31-Mar-21	09-Nov-20	31-Mar-21	0	■ PS 1.105A Noise Mitigation Measures 2020-2021																																				
EBS-2021	Egrets Breeding Season 2021	184	01-Mar-21	31-Aug-21	01-Mar-21	31-Aug-21	0	■ Egrets Breeding Season 2021																																				
IW-2850	Inlet Work Stage 1 - Site Setup and mobilization	7	14-Apr-21	21-Apr-21	22-Apr-21	29-Apr-21	7	■ Inlet Work Stage 1 - Site Setup and mobilization																																				
IW-2380	Inlet Work Stage 1 - Driven H-piles (130 nos. @ ave.1no/d/rig, 2rigs)	65	24-Apr-21	13-Jul-21	30-Apr-21	19-Jul-21	5	■ Inlet Work Stage 1 - Driven H-piles (130 nos. @ ave.1no/d/rig, 2rigs)																																				
IW-2420	Inlet Work Stage 1 - Sheetpiles Install (1,840m2 at 120m2/d)	18	14-Jul-21	03-Aug-21	20-Jul-21	09-Aug-21	5	■ Inlet Work Stage 1 - Sheetpiles Install (1,840m2 at 120m2/d)																																				
IW-2470	Inlet Work Stage 1 - H-piles Testing	21	04-Aug-21	27-Aug-21	10-Aug-21	02-Sep-21	5	■ Inlet Work Stage 1 - H-piles Testing																																				
IW-2520	Inlet Work Stage 1 - Excavation (+5.2 to +4.5mPD)	30	28-Aug-21	04-Oct-21	03-Sep-21	09-Oct-21	5	■ Inlet Work Stage 1 - Excavation (+5.2 to +4.5mPD)																																				
IW-2500	Inlet Work Stage 1 - Marine Sediments Treatment and Disposal	60	28-Aug-21	09-Nov-21	29-Oct-21	10-Jan-22	50	■ Inlet Work Stage 1 - Marine Sediments Treatment and Disposal																																				
IW-2880	Inlet Work Stage 1 - Submit piling record to GEO (28d)	30	28-Aug-21	26-Sep-21	21-Nov-21	20-Dec-21	85	■ Inlet Work Stage 1 - Submit piling record to GEO (28d)																																				
IW-2540	Inlet Work Stage 1 - Strut Installation S1 (+4.5mPD)	16	05-Oct-21	23-Oct-21	10-Dec-21	30-Dec-21	56	■ Inlet Work Stage 1 - Strut Installation S1 (+4.5mPD)																																				
IW-2550	Inlet Work Stage 1 - Excavation (+4.5 to +1.0mPD)	30	05-Oct-21	09-Nov-21	11-Oct-21	15-Nov-21	5	■ Inlet Work Stage 1 - Excavation (+4.5 to +1.0mPD)																																				
IW-2570	Inlet Work Stage 1 - Excavation (+1 to -1.55mPD)	30	10-Nov-21	14-Dec-21	16-Nov-21	20-Dec-21	5	■ Inlet Work Stage 1 - Excavation (+1 to -1.55mPD)																																				
IW-2580	Inlet Work Stage 1 - Strut Installation S2 (+1mPD)	16	10-Nov-21	27-Nov-21	31-Dec-21	19-Jan-22	42	■ Inlet Work Stage 1 - Strut Installation S2 (+1mPD)																																				



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

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21-Apr-21	Rev 1		

Work ID	Activity Name	Duration	Start Date	Finish Date	Latest Date	Earliest Date	Total Days	Gantt Chart																																									
								Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
IW Foundation & ELS Stage 2								295	26-Mar-21	04-Mar-22	27-Apr-21	04-Mar-22	0	<ul style="list-style-type: none"> Handover and Inspection of Temp. Workshop and Storage Facilities (advance work before P2 access) Complete Temporary Administration Building - Non-MIC Section Relocation of Workshop and Storage Facilities (advance work before P2 access) Portion 2 (sd+211d) Inlet Work Stage 2 - Site establishment & investigation, RAP, submit Remediation Report (carryforward from Site establ.) Inlet Work Stage 2 - Temporary UU Diversion Inlet Work Stage 2 - Driven H-piles (80nos. @ave.1no/d/rig, 2rigs) Inlet Work Stage 2 - Sheetpiles Install (2,758m2 at 120m2/d) Inlet Work Stage 2 - H-piles Testing Inlet Work Stage 2 - Excavation (-1.55 to -2.5mPD) Inlet Work Stage 2 - Marine Sediments Treatment and Disposal Inlet Work Stage 2 - Submit piling record to GEO (28d) Inlet Work Stage 2 - Strut Installation S3 (-2.5mPD) Inlet Work Stage 2 - Excavation (-2.5 to -4.5mPD) Inlet Work Stage 2 - Strut Installation S4 (-4.5mPD) Inlet Work Stage 2 - Excavation (-4.5 to -7.15mPD) IW - Foundation & ELS Complete 																																			
Temporary Workshop and Storage								50	26-Mar-21	29-May-21	27-Apr-21	26-Jun-21	23	<ul style="list-style-type: none"> Design and Submission Site Formation Foundation Work Erect Steel Structure, External Wall and Roof Cladding Erect Internal Partition and False Ceiling Electrical Work, Sanitary Work, Install A/C and Floor Finishes 																																			
IW Civil and Structural Works								286	20-Dec-21	10-Dec-22	21-Dec-21	10-Dec-22	0																																				
IW Structure Stage 1 (to G/F +4.0mPD)								135	20-Dec-21	13-Jun-22	21-Dec-21	14-Jun-22	1	<ul style="list-style-type: none"> Inlet Work Stage 1 - Structure from -1.55 mPD to +1.45 mPD Inlet Work Stage 1 - Structure from +1.45 mPD to +4.0 mPD 																																			
IW Structure Stage 2 (to G/F +4.0mPD)								105	05-Mar-22	14-Jul-22	05-Mar-22	14-Jul-22	0	<ul style="list-style-type: none"> Inlet Work Stage 2 - Structure from -7.15 mPD to -5.0 mPD Inlet Work Stage 2 - Structure from -5.0 mPD to -2.0 mPD Inlet Work Stage 2 - Structure from -2.0 mPD to +1.0 mPD Inlet Work Stage 2 - Structure from +1.0 mPD to +4.0 mPD 																																			
IW Structure to Roof (+4.0mPD to +18.3mPD)								125	15-Jul-22	10-Dec-22	15-Jul-22	10-Dec-22	0	<ul style="list-style-type: none"> Inlet Work - Structure to Roof from +4.0 mPD to +7.0 mPD Inlet Work - Structure to Roof from +7.0 mPD to +10.0 mPD Inlet Work - Structure to Roof from +10.0 mPD to +13.0 mPD Inlet Work - Structure to Roof from +13.0 mPD to +16.0 mPD Inlet Work - Structure to Roof from +16.0 mPD to +18.3 mPD 																																			
IW ABWF and BS Works								300	13-Aug-22	21-Aug-23	04-Mar-23	11-Mar-24	162	<ul style="list-style-type: none"> Inlet Work - BS and ABWF Works 																																			
IW Transformer House No. 1								225	15-Jul-22	03-Apr-23	20-Oct-22	11-Mar-24	294	<ul style="list-style-type: none"> TX House No. 1 - Piling Works (8 nos.) TX House No. 1 - Structure Cable Trench at +2.2 mPD to +4.8 mPD TX House No. 1 - Structure Base Level from +4.80 mPD to +6.0 mPD TX House No. 1 - Structure G/F to Roof from +6.0 mPD to +9.0 mPD TX House No. 1 - Structure G/F to Roof from +9.0 mPD to +11.6 mPD TX House No. 1 - BS and ABWF TX House No. 1 - Transformer Installation and LV Switchboard Power On 																																			
IW E&M Works								184	12-Nov-22	04-Jul-23	12-Nov-22	04-Jul-23	0	<ul style="list-style-type: none"> IW - Screening / Grit Removal / Inlet Pumping / DOU System / Penstock & Stoplogs IW - Lifting Appliance IW - Instrumentation IW - Electrical Works (Cabling / LCP Termination) IW - BS Installation (ELV, Ventilation, FS, PD) 																																			
IW E&M T&C								247	29-May-23	11-Mar-24	29-May-23	11-Mar-24	0	<ul style="list-style-type: none"> IW - T&C - Equipment SAT (Mechanical Dry Check) IW - T&C - Equipment SAT (Functional Dry Check) IW - T&C - Equipment SAT (Wet / Load Performance Check) IW - FS Inspection and Fire Certificate IW - Diversion works from existing bypass chamber to IW (Penstock Installation c/w T&C) IW - T&C - Early Commissioning (100,000 m3/d) (KD3) KD3 (11-Mar-24) 																																			
CLP Substations No. 1 & 2								1364	02-Jul-21	10-Nov-25	09-Jul-21	07-Nov-26	311	<ul style="list-style-type: none"> Complete Temporary Administration Building Demolition Carpark (28) and Changing Room (27) CLP Substation No.1 - Structure CLP Substation No.2 - Structure CLP Substation No.1 - BS and ABWF Works CLP Substation No.1 - CLP Installation CLP Substation No.2 - BS and ABWF Works DSD11KV Switchgear - Structure CLP Substation No.2 - CLP Installation CLP Substation No.1 - Energization 																																			



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

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

Detailed Works Programme

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21-Apr-21	Rev 1		

Work ID	Activity Name	Duration	Start	Finish	Latest	Earliest	Total Res	2021												2022												2023																	
								Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
CLP-1060	DSD11KV Switchgear - BS and ABWF Works	48	19-Jul-22	13-Sep-22	11-Jul-23	04-Sep-23	286	DSD11KV Switchgear - BS and ABWF Works																																									
CLP-1100	CLP Substation No.2 - Energization	0		27-Sep-22		06-Oct-22	6	CLP Substation No.2 - Energization																																									
CLP-1110	DSD11KV Switchgear - Installation	78	28-Sep-22	31-Dec-22	05-Sep-23	07-Dec-23	274	DSD11KV Switchgear - Installation																																									
CLP-1120	Walkway, Guard House and Education Corridor	180	22-Aug-24	01-Apr-25	20-Aug-25	01-Mar-26	292	Walkway, Guard House and Education Corridor																																									
CLP-1130	Master Meter Room Structure, ABWF, BS & E&M	180	02-Apr-25	10-Nov-25	01-Apr-26	07-Nov-26	292	Master Meter Room Structure, ABWF, BS & E&M																																									
Primary Sedimentation Tank (PST)								1878	09-Nov-20	08-Nov-26	01-Feb-21	08-Nov-26	0																																				
PST Stage 1 of Works								1045	09-Nov-20	11-Mar-24	01-Feb-21	05-Jul-24	100																																				
PST-1000	Preparation	44	09-Nov-20	31-Dec-20	01-Feb-21	30-Mar-21	69	Preparation																																									
PST-1010	UU Detection	3	22-Feb-21	24-Feb-21	31-Mar-21	07-Apr-21	32	UU Detection																																									
PST-1020	Method Statement for Predrilling	1	25-Feb-21	25-Feb-21	08-Apr-21	08-Apr-21	32	Method Statement for Predrilling																																									
PST-1030	Setting out of Drill Holes	2	26-Feb-21	27-Feb-21	09-Apr-21	10-Apr-21	32	Setting out of Drill Holes																																									
PST-1040	UU Report	1	01-Mar-21	01-Mar-21	12-Apr-21	12-Apr-21	32	UU Report																																									
PST-1050	Site Clearance	6	02-Mar-21	08-Mar-21	13-Apr-21	19-Apr-21	32	Site Clearance																																									
PST Stage 1 - GI - Proposed Predrilling for Piling Works								101	09-Mar-21	13-Jul-21	20-Apr-21	30-Jul-21	15																																				
Predrilling at Existing PST 8 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								79	09-Mar-21	16-Jun-21	20-Apr-21	30-Jul-21	37																																				
PST-1060	PD4	14	09-Mar-21	24-Mar-21	07-May-21	24-May-21	46	PD4																																									
PST-1070	PD7	14	09-Mar-21	24-Mar-21	20-Apr-21	06-May-21	32	PD7																																									
PST-1080	PD6	14	25-Mar-21	14-Apr-21	25-May-21	09-Jun-21	46	PD6																																									
PST-1090	PD9 (w/ obstruction)	14	25-Mar-21	14-Apr-21	07-May-21	24-May-21	32	PD9 (w/ obstruction)																																									
PST-1110	PD12	14	15-Apr-21	30-Apr-21	25-May-21	09-Jun-21	32	PD12																																									
PST-1150	PD13 (w/ obstruction) after demolition of PST 7	14	31-May-21	16-Jun-21	15-Jul-21	30-Jul-21	37	PD13 (w/ obstruction) after demolition of PST 7																																									
PST-1160	PD14 (w/ obstruction) after demolition of PST 7	14	31-May-21	16-Jun-21	15-Jul-21	30-Jul-21	37	PD14 (w/ obstruction) after demolition of PST 7																																									
Predrilling at Existing PST 7 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								59	03-May-21	13-Jul-21	10-Jun-21	30-Jul-21	15																																				
PST-1130	PD11 (w/ obstruction)	14	03-May-21	18-May-21	10-Jun-21	26-Jun-21	32	PD11 (w/ obstruction)																																									
PST-1140	PD2 (w/ obstruction)	14	08-Jun-21	25-Jun-21	28-Jun-21	14-Jul-21	15	PD2 (w/ obstruction)																																									
PST-1190	PD8 (w/ obstruction) after demolition of PST 8	14	08-Jun-21	25-Jun-21	15-Jul-21	30-Jul-21	29	PD8 (w/ obstruction) after demolition of PST 8																																									
PST-1200	PD10 (w/ obstruction) after demolition of PST 8	14	25-Jun-21	13-Jul-21	15-Jul-21	30-Jul-21	15	PD10 (w/ obstruction) after demolition of PST 8																																									
PST Stage 1 - Foundation (At First 3 Tanks, PST 7-8 Footprint)								376	19-Jun-21	31-Aug-22	15-Jul-21	15-Sep-22	13																																				
PST-1175	PST Stage 1 - Site set-up of piling rigs	14	19-Jun-21	06-Jul-21	15-Jul-21	30-Jul-21	21	PST Stage 1 - Site set-up of piling rigs																																									
PST-1180	PST Stage 1 - Driven H-piles (88 nos. @ ave. 1.5no/d/rig) include site setup	59	13-Jul-21	20-Sep-21	31-Jul-21	09-Oct-21	15	PST Stage 1 - Driven H-piles (88 nos. @ ave. 1.5no/d/rig) include site setup																																									
PST-1170	PST Stage 1 - Sheetpiling (1,561 m2 at 90m2/day)	30	20-Sep-21	28-Oct-21	11-Oct-21	15-Nov-21	15	PST Stage 1 - Sheetpiling (1,561 m2 at 90m2/day)																																									
PST-1210	PST Stage 1 - H-pile Testing	21	20-Sep-21	18-Oct-21	11-Oct-21	04-Nov-21	15	PST Stage 1 - H-pile Testing																																									
PST-3020	PST Stage 1 - Submit to GEO	28	18-Oct-21	19-Nov-21	07-Feb-22	10-Mar-22	86	PST Stage 1 - Submit to GEO																																									
PST-1230	PST - Marine Sediments Treatment and Disposal	70	28-Oct-21	21-Jan-22	24-Jun-22	15-Sep-22	188	PST - Marine Sediments Treatment and Disposal																																									
PST-1220	PST Stage 1 - Excavation (+5.8 to +3.8mPD)	25	28-Oct-21	26-Nov-21	16-Nov-21	14-Dec-21	15	PST Stage 1 - Excavation (+5.8 to +3.8mPD)																																									
NMM-2021	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21*	31-Mar-22	01-Nov-21	31-Mar-22	0	PS 1.105A Noise Mitigation Measures 2021-2022																																									
PST-1240	PST Stage 1 - Strut Installation S1 (+3.8mPD)	18	26-Nov-21	17-Dec-21	21-Jan-22	17-Feb-22	44	PST Stage 1 - Strut Installation S1 (+3.8mPD)																																									
PST-1250	PST Stage 1 - Excavation (+3.8 to +1.3mPD)	33	26-Nov-21	07-Jan-22	15-Dec-21	25-Jan-22	15	PST Stage 1 - Excavation (+3.8 to +1.3mPD)																																									
PST-1260	PST Stage 1 - Strut Installation S2 (+1.3mPD)	18	07-Jan-22	28-Jan-22	18-Feb-22	10-Mar-22	29	PST Stage 1 - Strut Installation S2 (+1.3mPD)																																									
PST-1270	PST Stage 1 - Excavation (+1.3 to -1.05mPD)	32	07-Jan-22	21-Feb-22	26-Jan-22	10-Mar-22	15	PST Stage 1 - Excavation (+1.3 to -1.05mPD)																																									
EBS-2022	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	Egrets Breeding Season 2022																																									
PST Stage 1 - Structure (At First 3 Tanks, PST 7-8 Footprint)								167	21-Feb-22	14-Sep-22	11-Mar-22	10-Oct-22	20																																				
PST-1280	3-Tank Structure from +0.0 mPD to +3.0 mPD	26	21-Feb-22	23-Mar-22	11-Mar-22	11-Apr-22	15	3-Tank Structure from +0.0 mPD to +3.0 mPD																																									
PST-1290	3-Tank Structure from +3.0 mPD to +6.0 mPD	25	23-Mar-22	26-Apr-22	12-Apr-22	16-May-22	15	3-Tank Structure from +3.0 mPD to +6.0 mPD																																									
PST-1300	3-Tank Structure from +6.0 mPD to +9.0 mPD	25	26-Apr-22	27-May-22	17-May-22	15-Jun-22	15	3-Tank Structure from +6.0 mPD to +9.0 mPD																																									
PST-1310	3-Tank Structure from +9.0 mPD to +11.80 mPD	25	27-May-22	27-Jun-22	16-Jun-22	15-Jul-22	15	3-Tank Structure from +9.0 mPD to +11.80 mPD																																									
PST-1320	3-Tank Structure from +11.80 mPD to +15.0 mPD Lift 1 (3.2m)	26	27-Jun-22	28-Jul-22	16-Jul-22	15-Aug-22	15	3-Tank Structure from +11.80 mPD to +15.0 mPD Lift 1 (3.2m)																																									
PST-1330	3-Tank Structure to Roof from +15.0 mPD to +18.30 mPD Lift 2 (3.3m)	26	28-Jul-22	27-Aug-22	16-Aug-22	15-Sep-22	15	3-Tank Structure to Roof from +15.0 mPD to +18.30 mPD Lift 2 (3.3m)																																									
PST-1340	Water Retaining Test for New PST Tank No. 1	7	27-Aug-22	05-Sep-22	22-Sep-22	29-Sep-22	20	Water Retaining Test for New PST Tank No. 1																																									
PST-1350	Water Retaining Test for New PST Tank No. 3	7	27-Aug-22	05-Sep-22	22-Sep-22	29-Sep-22	20	Water Retaining Test for New PST Tank No. 3																																									
PST-1360	Water Retaining Test for New PST Tank No. 2	7	05-Sep-22	14-Sep-22	30-Sep-22	10-Oct-22	20	Water Retaining Test for New PST Tank No. 2																																									
PST Stage 1 - ABWF & BS Works								300	14-Sep-22	21-Sep-23	28-Jun-23	05-Jul-24	227																																				
PST-1370	PST - BS and ABWF Works at 3 Tanks	300	14-Sep-22	21-Sep-23	28-Jun-23	05-Jul-24	227	PST - BS and ABWF Works at 3 Tanks																																									
PST Stage 1 - E&M Installation Works at New PST 1,2,3								230	14-Sep-22	30-Jun-23	11-Oct-22	25-Jul-23	20																																				
ATALPST-3000	PST Stage 1 - Bottom Scrapper / Scum Collection System	150	14-Sep-22	21-Mar-23	11-Oct-22	18-Apr-23	20	PST Stage 1 - Bottom Scrapper / Scum Collection System																																									
ATALPST-3010	PST Stage 1 - Lamella / Sludge & Scum Pump / DOU System	150	14-Sep-22	21-Mar-23	11-Oct-22	18-Apr-23	20	PST Stage 1 - Lamella / Sludge & Scum Pump / DOU System																																									
ATALPST-3020	PST Stage 1 - Lifting Appliance	150	14-Sep-22	21-Mar-23	11-Oct-22	18-Apr-23	20	PST Stage 1 - Lifting Appliance																																									
ATALPST-3030	PST Stage 1 - Penstock / Stoplogs	150	14-Sep-22	21-Mar-23	11-Oct-22	18-Apr-23	20	PST Stage 1 - Penstock / Stoplogs																																									
ATALPST-3040	PST Stage 1 - Instrumentation	36	21-Mar-23	08-May-23	19-Apr-23	01-Jun-23	20	PST Stage 1 - Instrumentation																																									
ATALPST-3050	PST Stage 1 - Electrical Works (Cabling / LCP Termination)	80	21-Mar-23	30-Jun-23	19-Apr-23	25-Jul-23	20	PST Stage 1 - Electrical Works (Cabling / LCP Termination)																																									
ATALPST-3060	PST Stage 1 - BS Installation (ELV, Ventilation, FS, PD)	80	21-Mar-23	30-Jun-23	19-Apr-23	25-Jul-23	20	PST Stage 1 - BS Installation (ELV, Ventilation, FS, PD)																																									
PST Stage 1 - Testing and Commissioning at New PST 1,2,3								218	30-Jun-23	11-Mar-24	26-Jul-23	11-Mar-24	0																																				
ATALPST-3070	PST Stage 1 - T&C - Equipment SAT (Mechanical Dry Check)	28	30-Jun-23	03-Aug-23	26-Jul-23	26-Aug-23	20	PST Stage 1 - T&C - Equipment SAT (Mechanical Dry Check)																																									
ATALPST-3080	PST Stage 1 - T&C - Equipment SAT (Functional Dry Check) linked to TX House POWER ON	48	19-Jul-23	13-Sep-23	12-Aug-23	09-Oct-23	20	PST Stage 1 - T&C - Equipment SAT (Functional Dry Check) linked to TX House POWER ON																																									
ATALPST-3090	PST Stage 1 - T&C - Equipment SAT (Wet / Load Performance Check)	48	19-Jul-23	13-Sep-23	12-Aug-23	09-Oct-23	20	PST Stage 1 - T&C - Equipment SAT (Wet / Load Performance Check)																																									
ATALPST-3100	PST Stage 1 - FS Inspection and Fire Certificate	42	13-Sep-23	04-Nov-23	10-Oct-23	28-Nov-23	20	PST Stage 1 - FS Inspection and Fire Certificate																																									
ATALPST-3110	PST Stage 1 - T&C - Early Commissioning (54,000 m3/d) (KD3)	68	04-Nov-23	26-Jan-24	29-Nov-23	26-Feb-24	20	PST Stage 1 - T&C - Early Commissioning (54,000 m3/d) (KD3)																																									
PKD3	Early Completion KD3	0		26-Jan-24		26-Feb-24	31	Early Completion KD3																																									
CDKD3	KD3	0		11-Mar-24*		11-Mar-24	0	KD3																																									
PST Stage 2 of Works								1625	31-Aug-21	08-Nov-26	01-Nov-21	08-Nov-26	0																																				
PST GI - Propose Predrilling for Piling Works								14	31-Aug-21	15-Sep-21	11-Apr-22	28-Jun-22	226																																				
Pre-drilling @ Existing PST 6 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								14	31-Aug-21	15-Sep-21	13-Jun-22	28-Jun-22	226																																				
PST-2000	PD1 (w/ obstruction)	14	31-Aug-21	15-Sep-21	13-Jun-22	28-Jun-22	226	PD1 (w/ obstruction)																																									
Pre-drilling @ Existing PST 5 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)								14	31-Aug-21	15-Sep-21	11-Apr-22	29-Apr-22	178																																				
PST-2010	PD3	14	31-Aug-21	15-Sep-21	11-Apr-22	29-Apr-22	178	PD3																																									



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

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Work ID	Activity Name	Duration	Start	Finish	Latest	Earliest	Total Res	2024												2025											
								Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MBR-1000	MBR Stage 1 - Site Clearance	25	13-Nov-21	11-Dec-21	07-Dec-21	07-Jan-22	20	■ MBR Stage 1 - Site Clearance																							
MBR-1440	MBR Stage 1 - Setup and Mobilization	7	13-Dec-21	20-Dec-21	08-Jan-22	15-Jan-22	20	■ MBR Stage 1 - Setup and Mobilization																							
MBR-1010	MBR Stage 1 - Sheet Piles Install (4,643m ² @ 120m ² /d) Phase 1	38	21-Dec-21	12-Feb-22	17-Jan-22	08-Mar-22	20	■ MBR Stage 1 - Sheet Piles Install (4,643m ² @ 120m ² /d) Phase 1																							
MBR-1020	MBR Stage 1 - Sheet Piles Install (4,643m ² @ 120m ² /d) Phase 2	38	14-Feb-22	29-Mar-22	09-Mar-22	26-Apr-22	20	■ MBR Stage 1 - Sheet Piles Install (4,643m ² @ 120m ² /d) Phase 2																							
MBR-1030	MBR Stage 1 - ELS Excavation (+5.0 to +4.0mPD)	15	30-Mar-22	20-Apr-22	27-Apr-22	16-May-22	20	■ MBR Stage 1 - ELS Excavation (+5.0 to +4.0mPD)																							
MBR-1040	MBR Stage 1 - Strut Installation S1 (+4.0mPD)	7	21-Apr-22	28-Apr-22	16-Jul-22	23-Jul-22	70	■ MBR Stage 1 - Strut Installation S1 (+4.0mPD)																							
MBR-1050	MBR Stage 1 - ELS Excavation (+4.0 to +0.5mPD)	15	21-Apr-22	10-May-22	17-May-22	02-Jun-22	20	■ MBR Stage 1 - ELS Excavation (+4.0 to +0.5mPD)																							
MBR-1060	MBR Stage 1 - Strut Installation S2 (+0.5mPD)	7	11-May-22	18-May-22	25-Jul-22	01-Aug-22	62	■ MBR Stage 1 - Strut Installation S2 (+0.5mPD)																							
MBR-1070	MBR Stage 1 - ELS Excavation (+0.5 to -2.5mPD)	15	11-May-22	27-May-22	04-Jun-22	21-Jun-22	20	■ MBR Stage 1 - ELS Excavation (+0.5 to -2.5mPD)																							
MBR-1080	MBR Stage 1 - Strut Installation S3 (-2.5mPD)	7	28-May-22	06-Jun-22	02-Aug-22	09-Aug-22	54	■ MBR Stage 1 - Strut Installation S3 (-2.5mPD)																							
MBR-1090	MBR Stage 1 - ELS Excavation (-2.5 to -5.5mPD)	15	28-May-22	15-Jun-22	22-Jun-22	09-Jul-22	20	■ MBR Stage 1 - ELS Excavation (-2.5 to -5.5mPD)																							
MBR-1100	MBR Stage 1 - Strut Installation S4 (-5.5mPD)	7	16-Jun-22	23-Jun-22	10-Aug-22	17-Aug-22	46	■ MBR Stage 1 - Strut Installation S4 (-5.5mPD)																							
MBR-1110	MBR Stage 1 - ELS Excavation (-5.5 to -9.3mPD)	15	16-Jun-22	04-Jul-22	11-Jul-22	27-Jul-22	20	■ MBR Stage 1 - ELS Excavation (-5.5 to -9.3mPD)																							
MBR-1120	MBR Stage 1 - Strut Installation S5 (-8.2mPD)	7	05-Jul-22	12-Jul-22	11-Nov-22	18-Nov-22	108	■ MBR Stage 1 - Strut Installation S5 (-8.2mPD)																							
MBR-1130	MBR Stage 1 - ELS Excavation (-9.3 to -12.3mPD)	18	05-Jul-22	25-Jul-22	28-Jul-22	17-Aug-22	20	■ MBR Stage 1 - ELS Excavation (-9.3 to -12.3mPD)																							
MBR Foundation and ELS Works Stage 2		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	■ Egrets Breeding Season 2024																							
MBR-1280	MBR Stage 2 - Site Clearance	9	26-Apr-24	07-May-24	11-May-24	22-May-24	12	■ MBR Stage 2 - Site Clearance																							
MBR-1450	MBR Stage 2 - Site Setup & Mobilization	7	08-May-24	16-May-24	23-May-24	30-May-24	12	■ MBR Stage 2 - Site Setup & Mobilization																							
MBR-1290	MBR Stage 2 - Sheet Piles Install (9,286m ² @ 120m ² /d)	77	31-May-24	30-Aug-24	31-May-24	30-Aug-24	0	■ MBR Stage 2 - Sheet Piles Install (9,286m ² @ 120m ² /d)																							
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 Stage 2 - ELS Excavation (+5.0 to +4.0mPD)																							
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 Stage 2 - Strut Installation S1 (+4.0mPD)																							
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 Stage 2 - ELS Excavation (+4.0 to +0.5mPD)																							
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 Stage 2 - Strut Installation S2 (+0.5mPD)																							
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 Stage 2 - ELS Excavation (+0.5 to -2.5mPD)																							
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 Stage 2 - Strut Installation S3 (-2.5mPD)																							
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 Stage 2 - ELS Excavation (-2.5 to -5.5mPD)																							
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 Stage 2 - Strut Installation S4 (-5.5mPD)																							
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	■ MBR Stage 2 - ELS Excavation (-5.5 to -9.3mPD)																							
MBR Structure Stage 1		441	26-Jul-22	20-Jan-24	18-Aug-22	20-Feb-24	20																								
MBR-1140	MBR Stage 1 - Base/Grd Floor Slab	77	26-Jul-22	26-Oct-22	18-Aug-22	18-Nov-22	20	■ MBR Stage 1 - Base/Grd Floor Slab																							
MBR-1160	MBR Stage 1 - Wall and 1/F Slab	62	27-Oct-22	10-Jan-23	19-Nov-22	09-Feb-23	20	■ MBR Stage 1 - Wall and 1/F Slab																							
MBR-1180	MBR Stage 1 - Wall and Roof Slab	62	11-Jan-23	30-Mar-23	10-Feb-23	27-Apr-23	20	■ MBR Stage 1 - Wall and Roof Slab																							
MBR-1200	MBR Stage 1 - BS and ABWF Works	240	31-Mar-23	20-Jan-24	28-Apr-23	20-Feb-24	20	■ MBR Stage 1 - BS and ABWF Works																							
Ancillary Facilities Structure Stage 1		138	27-Oct-22	20-Apr-23	13-May-23	27-Oct-23	156																								
MBR-1150	Construct Ancillary Facilities - Structure Ground Floor	46	27-Oct-22	19-Dec-22	13-May-23	08-Jul-23	156	■ Construct Ancillary Facilities - Structure Ground Floor																							
MBR-1170	Construct Ancillary Facilities - Structure First Floor	46	20-Dec-22	21-Feb-23	10-Jul-23	31-Aug-23	156	■ Construct Ancillary Facilities - Structure First Floor																							
MBR-1190	Construct Ancillary Facilities - Structure Roof Floor	46	22-Feb-23	20-Apr-23	01-Sep-23	27-Oct-23	156	■ Construct Ancillary Facilities - Structure Roof Floor																							
MBR Stage 1 E&M Installation		331	18-Jul-23	29-Aug-24	28-Oct-23	23-Sep-24	20																								
MBR-1210	MBR - E&M Stage 1 AGS System	170	18-Jul-23	07-Feb-24	28-Oct-23	30-May-24	85	■ MBR - E&M Stage 1 AGS System																							
MBR-1220	MBR - E&M Stage 1 Sludge Pre-thickeners System	170	18-Jul-23	07-Feb-24	28-Oct-23	30-May-24	85	■ MBR - E&M Stage 1 Sludge Pre-thickeners System																							
MBR-1230	MBR - E&M Stage 1 Penstock/stoplogs	80	22-Jan-24	06-May-24	21-Feb-24	30-May-24	20	■ MBR - E&M Stage 1 Penstock/stoplogs																							
MBR-1250	MBR - E&M Stage 1 Instrumentation	45	07-May-24	29-Jun-24	31-May-24	24-Jul-24	20	■ MBR - E&M Stage 1 Instrumentation																							
MBR-1260	MBR - E&M Stage 1 Electrical (Cabling/LCP, Termination)	96	07-May-24	29-Aug-24	31-May-24	23-Sep-24	20	■ MBR - E&M Stage 1 Electrical (Cabling/LCP, Termination)																							
MBR-1270	MBR - E&M Stage 1 BS Installation (ELV, Ventilation, FS, PD)	96	07-May-24	29-Aug-24	31-May-24	23-Sep-24	20	■ MBR - E&M Stage 1 BS Installation (ELV, Ventilation, FS, PD)																							
MBR Stage 2 Structure		308	08-Nov-24	24-Nov-25	08-Nov-24	05-Feb-26	60																								
MBR Structure Stage 2		308	08-Nov-24	24-Nov-25	08-Nov-24	05-Feb-26	60																								
MBR-1390	MBR Stage 2 - Base/Grd Floor Slab	40	08-Nov-24	24-Dec-24	08-Nov-24	24-Dec-24	0	■ MBR Stage 2 - Base/Grd Floor Slab																							
MBR-1400	MBR Stage 2 - Wall and 1/F Slab	44	27-Dec-24	22-Feb-25	27-Dec-24	22-Feb-25	0	■ MBR Stage 2 - Wall and 1/F Slab																							
MBR-1420	MBR Stage 2 - Wall and Roof Slab	44	24-Feb-25	16-Apr-25	24-Feb-25	16-Apr-25	0	■ MBR Stage 2 - Wall and Roof Slab																							
MBR-1430	MBR Stage 2 - BS and ABWF Works	180	17-Apr-25	24-Nov-25	04-Jul-25	05-Feb-26	60	■ MBR Stage 2 - BS and ABWF Works																							
MBR Stage 2 E&M Installation		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	■ MBR - E&M Stage 2 AGS System																							
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	■ MBR - E&M Stage 2 Sludge Pre-thickeners System																							
ATALMBR-1050	MBR - E&M Stage 2 Penstock/stoplogs	48	17-Apr-25	18-Jun-25	19-May-25	15-Jul-25	22	■ MBR - E&M Stage 2 Penstock/stoplogs																							
ATALMBR-1060	MBR - E&M Stage 2 Instrumentation	24	16-Jul-25	12-Aug-25	16-Jul-25	12-Aug-25	0	■ MBR - E&M Stage 2 Instrumentation																							
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	■ MBR - E&M Stage 2 Electrical (Cabling/LCP, Termination)																							
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	■ MBR - E&M Stage 2 BS Installation (ELV, Ventilation, FS, PD)																							
MBR and AF E&M T&C		450	30-Aug-24	05-Feb-26	24-Sep-24	05-Feb-26	0																								
ATALMBR-1000	MBR - AGS Stage 1 - T&C - Equipment SAT	87	30-Aug-24	12-Dec-24	24-Sep-24	08-Jan-25	20	■ MBR - AGS Stage 1 - T&C - Equipment SAT																							
ATALMBR-1010	MBR - AGS T&C - Seeding (20,000 m ³ /d)	16	13-Dec-24	03-Jan-25	09-Jan-25	27-Jan-25	20	■ MBR - AGS T&C - Seeding (20,000 m ³ /d)																							
ATALMBR-1020	AGS - T&C - Sludge Stabilisation (20,000 m ³ /d)	132	04-Jan-25	20-Jun-25	03-Feb-25	15-Jul-25	20	■ AGS - T&C - Sludge Stabilisation (20,000 m ³ /d)																							
ATALMBR-1090	AGS - T&C - Process Start-up (35,000 m ³ /d)	70	21-Jun-25	11-Sep-25	16-Jul-25	06-Oct-25	20	■ AGS - T&C - Process Start-up (35,000 m ³ /d)																							
ATALMBR-1100	MBR - AGS Stage 2 - T&C - Equipment SAT	52	10-Sep-25	12-Nov-25	10-Sep-25	12-Nov-25	0	■ MBR - AGS Stage 2 - T&C - Equipment SAT																							
ATALMBR-1110	AGS - T&C - 7 Days Demonstration (35,000 m ³ /d)	6	12-Sep-25	18-Sep-25	08-Oct-25	14-Oct-25	20	■ AGS - T&C - 7 Days Demonstration (35,000 m ³ /d)																							
ATALMBR-1120	AGS - T&C - Process Commissioning (35,000 m ³ /d)	24	19-Sep-25	18-Oct-25	15-Oct-25	12-Nov-25	20	■ AGS - T&C - Process Commissioning (35,000 m ³ /d)																							
ATALMBR-1130	AGS - T&C - System Commissioning (60,000 m ³ /d) (KD4)	70	13-Nov-25	05-Feb-26	13-Nov-25	05-Feb-26	0	■ AGS - T&C - System Commissioning (60,000 m ³ /d) (KD4)																							
ATALMBR-1140	AGS - FS Inspection and Fire Certificate	32	30-Dec-25	05-Feb-26	30-Dec-25	05-Feb-26	0	■ AGS - FS Inspection and Fire Certificate																							
PKD4	Achieve 60,000m ³ /d Flowrate (KD4)	0		05-Feb-26		05-Feb-26	0	◆ Achieve 60,000m ³ /d Flowrate (KD4)																							
External Works - Mainstream Bio-Reactor System Perimeter		172	17-Apr-25	14-Nov-25	14-Apr-26	07-Nov-26	288																								
EW-1000	MBR Perimeter - Drainage/Sewer/Watermain/Utility Installation	102	17-Apr-25	21-Aug-25	14-Apr-26	14-Aug-26	288	■ MBR Perimeter - Drainage/Sewer/Watermain/Utility Installation																							
EW-1010	MBR Perimeter - Process Pipe Installation	102	17-Apr-25	21-Aug-25	14-Apr-26	14-Aug-26	288	■ MBR Perimeter - Process Pipe Installation																							
EW-1030	MBR Perimeter - Road Works	70	22-Aug-25	14-Nov-25	15-Aug-26	07-Nov-26	288	■ MBR Perimeter - Road Works																							
Tertiary Treatment System (TTS)		1157	01-Nov-21	11-Jul-25	01-Nov-21	29-Apr-26	250																								
Foundation and ELS		261	01-Nov-21	31-Aug-22	01-Nov-21	06-Jan-23	110																								



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

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

Detailed Works Programme

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Detailed Works Programme			
Date	Revision	Checked	Approved
15-Mar-21	Rev. 0		
21-Apr-21	Rev 1		

Work ID	Activity Name	Duration	Start Date	End Date	Latest Start	Latest End	Total Effort	Gantt Chart											
								2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TTS-1000	TTS - Site Clearance	18	01-Nov-21	20-Nov-21	09-Jun-22	29-Jun-22	173	■ TTS - Site Clearance											
NMM-2125	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21*	31-Mar-22	01-Nov-21	31-Mar-22	0	■ PS 1.105A Noise Mitigation Measures 2021-2022											
TTS-1010	TTS - Sheet Piles Install (4,639m ² @120m ² /d)	52	22-Nov-21	24-Jan-22	30-Jun-22	30-Aug-22	173	■ TTS - Sheet Piles Install (4,639m ² @120m ² /d)											
TTS-1020	TTS - ELS Excavation (+5.0 to +3.5mPD)	25	25-Jan-22	01-Mar-22	31-Aug-22	29-Sep-22	173	■ TTS - ELS Excavation (+5.0 to +3.5mPD)											
EBS-2135	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	■ Egrets Breeding Season 2022											
TTS-1030	TTS - Strut Installation S1 (+4.5mPD)	14	02-Mar-22	17-Mar-22	28-Oct-22	12-Nov-22	195	■ TTS - Strut Installation S1 (+4.5mPD)											
TTS-1040	TTS - ELS Excavation (+3.5 to +0.5mPD)	25	02-Mar-22	30-Sep-22	30-Sep-22	31-Oct-22	173	■ TTS - ELS Excavation (+3.5 to +0.5mPD)											
TTS-1050	TTS - Strut Installation S1 (+1.5mPD)	14	31-Mar-22	20-Apr-22	14-Nov-22	29-Nov-22	184	■ TTS - Strut Installation S1 (+1.5mPD)											
TTS-1060	TTS - ELS Excavation (+0.5 to -2.4mPD)	25	31-Mar-22	04-May-22	01-Nov-22	29-Nov-22	173	■ TTS - ELS Excavation (+0.5 to -2.4mPD)											
TTS-1070	TTS - Box Raft Foundation (-2.4 to -0.80mPD)	30	05-May-22	10-Jun-22	30-Nov-22	06-Jan-23	173	■ TTS - Box Raft Foundation (-2.4 to -0.80mPD)											
Structure		280	11-Jun-22	24-May-23	07-Jan-23	19-Dec-23	173												
TTS-1080	TTS - Wall to G/F Slab (-0.8mPD to +2.7mPD)	60	11-Jun-22	20-Aug-22	07-Jan-23	24-Mar-23	173	■ TTS - Wall to G/F Slab (-0.8mPD to +2.7mPD)											
TTS-1090	TTS - Wall to G/F Slab (+2.7mPD to +6.2mPD)	60	22-Aug-22	02-Nov-22	25-Mar-23	09-Jun-23	173	■ TTS - Wall to G/F Slab (+2.7mPD to +6.2mPD)											
TTS-1100	TTS - Structure to Roof (+6.2mPD to +9.4mPD)	60	03-Nov-22	14-Jan-23	10-Jun-23	21-Aug-23	173	■ TTS - Structure to Roof (+6.2mPD to +9.4mPD)											
TTS-1110	TTS - Structure to Roof (+9.4mPD to +12.6mPD)	60	16-Jan-23	01-Apr-23	22-Aug-23	02-Nov-23	173	■ TTS - Structure to Roof (+9.4mPD to +12.6mPD)											
TTS-1120	TTS - Structure to Roof (+12.6mPD to +15.75mPD)	40	03-Apr-23	24-May-23	03-Nov-23	19-Dec-23	173	■ TTS - Structure to Roof (+12.6mPD to +15.75mPD)											
BS & ABWF Works		390	25-May-23	17-Sep-24	14-Oct-24	05-Feb-26	409												
TTS-1130	TTS - BS and ABWF Works	390	25-May-23	17-Sep-24	14-Oct-24	05-Feb-26	409	■ TTS - BS and ABWF Works											
E&M Installation Works		320	25-May-23	26-Jun-24	20-Dec-23	22-Jan-25	173												
TTS-1140	TTS - Disc Filter System, UV Disinfection System, Effluent Pumping Station & DO System	148	25-May-23	20-Nov-23	20-Dec-23	27-Jun-24	173	■ TTS - Disc Filter System, UV Disinfection System, Effluent Pumping Station & DO System											
TTS-1150	TTS - Penstocks & Stoplogs, Pipework, Valves & Accessories	148	25-May-23	20-Nov-23	20-Dec-23	27-Jun-24	173	■ TTS - Penstocks & Stoplogs, Pipework, Valves & Accessories											
TTS-1160	TTS - Instrumentation	48	21-Nov-23	18-Jan-24	28-Jun-24	23-Aug-24	173	■ TTS - Instrumentation											
TTS-1170	TTS - Electrical Works (Cabling / LCP Termination)	124	19-Jan-24	26-Jun-24	24-Aug-24	22-Jan-25	173	■ TTS - Electrical Works (Cabling / LCP Termination)											
TTS-1180	TTS - BS Installation (ELV, Ventilation, FS, PD)	124	19-Jan-24	26-Jun-24	24-Aug-24	22-Jan-25	173	■ TTS - BS Installation (ELV, Ventilation, FS, PD)											
Testing and Commissioning (T&C) - KD4		306	27-Jun-24	11-Jul-25	23-Jan-25	05-Feb-26	173												
TTS-1190	TTS - T&C - Equipment SAT	208	27-Jun-24	10-Mar-25	23-Jan-25	09-Oct-25	173	■ TTS - T&C - Equipment SAT											
TTS-1200	TTS - T&C - System Commissioning (60,000 m ³ /d) (KD4)	98	11-Mar-25	11-Jul-25	10-Oct-25	05-Feb-26	173	■ TTS - T&C - System Commissioning (60,000 m ³ /d) (KD4)											
TTS-1210	TTS - FS Inspection and Fire Certificate	50	13-May-25	11-Jul-25	06-Dec-25	05-Feb-26	173	■ TTS - FS Inspection and Fire Certificate											
TTS-1220	TTS - E&M Works Complete	0		11-Jul-25		05-Feb-26	173	◆ TTS - E&M Works Complete											
External Works - Tertiary Treatment System Perimeter		240	25-May-23	16-Mar-24	07-Jul-25	29-Apr-26	621												
EW-1100	TTS Perimeter - Drainage/Sewer/Watermain/Utility Installation	150	25-May-23	22-Nov-23	07-Jul-25	03-Jan-26	621	■ TTS Perimeter - Drainage/Sewer/Watermain/Utility Installation											
EW-1070	TTS Perimeter - Process Pipe Installation	120	25-May-23	17-Oct-23	07-Jul-25	26-Nov-25	621	■ TTS Perimeter - Process Pipe Installation											
EW-1120	TTS Perimeter - Road Works	90	23-Nov-23	16-Mar-24	05-Jan-26	29-Apr-26	621	■ TTS Perimeter - Road Works											
Zone 3 Construction		1878	09-Nov-20	07-Nov-26	09-Nov-20	07-Nov-26	0												
Stage 1 (Starting Date to July 2021)		293	09-Nov-20	15-Oct-21	09-Nov-20	03-Dec-21	42												
Z3S1-3000	Completion of Stage 1	0		31-Jul-21*		31-Jul-21	0	◆ Completion of Stage 1											
Advance Works		273	09-Nov-20	15-Oct-21	04-Jan-21	03-Dec-21	42												
Temporary Thickened Sludge / Supernatant Pumping Station		211	09-Nov-20	31-Jul-21	04-Jan-21	31-Jul-21	0												
ATALZ3S1-2000	CMS - Pumps	24	09-Nov-20	05-Dec-20	04-Jan-21	30-Jan-21	45	■ CMS - Pumps											
ATALZ3S1-2010	Procurement and Delivery of Materials	120	07-Dec-20	11-May-21	01-Feb-21	06-Jul-21	45	■ Procurement and Delivery of Materials											
ATALZ3S1-2060	Method Statement for Thickened Sludge / Supernatant Pumping Station	20	05-May-21	28-May-21	05-May-21	28-May-21	0	■ Method Statement for Thickened Sludge / Supernatant Pumping Station											
Z3S1-2070	Civil Structural Construction for Thickened Sludge / Supernatant Pumping Station	50	17-May-21	16-Jul-21	17-May-21	16-Jul-21	0	■ Civil Structural Construction for Thickened Sludge / Supernatant Pumping Station											
ATALZ3S1-2140	E&M installation of pumping system c/w pipework & valves & cabling	35	21-Jun-21	31-Jul-21	21-Jun-21	31-Jul-21	0	■ E&M installation of pumping system c/w pipework & valves & cabling											
Relocation of Heater Room		63	17-May-21	31-Jul-21	17-May-21	31-Jul-21	0												
ATALZ3S1-2080	CGS - Method Statement Submission and Approval for Relocation	30	17-May-21	22-Jun-21	17-May-21	22-Jun-21	0	■ CGS - Method Statement Submission and Approval for Relocation											
Z3S1-2090	Civil Structural Construction for Heating Room	30	17-May-21	22-Jun-21	17-May-21	22-Jun-21	0	■ Civil Structural Construction for Heating Room											
ATALZ3S1-2150	Relocation works c/w T&C	48	04-Jun-21	31-Jul-21	04-Jun-21	31-Jul-21	0	■ Relocation works c/w T&C											
Temporary Polymer Preparation & Dosing System		187	07-Dec-20	31-Jul-21	01-Feb-21	31-Jul-21	0												
ATALZ3S1-2020	CMS - Polymer Preparation System & Pumps	27	07-Dec-20	09-Jan-21	01-Feb-21	10-Mar-21	45	■ CMS - Polymer Preparation System & Pumps											
ATALZ3S1-2130	Procurement and Delivery of Materials	80	11-Jan-21	24-Apr-21	11-Mar-21	19-Jun-21	45	■ Procurement and Delivery of Materials											
Z3S1-2100	Civil Structural Construction for Polymer Preparation & Dosing System	50	17-May-21	16-Jul-21	17-May-21	16-Jul-21	0	■ Civil Structural Construction for Polymer Preparation & Dosing System											
ATALZ3S1-2160	E&M installation of polymer preparation & dosing system c/w pipework & valves & cabling	35	21-Jun-21	31-Jul-21	21-Jun-21	31-Jul-21	0	■ E&M installation of polymer preparation & dosing system c/w pipework & valves & cabling											
Relocation of Ferric Chloride (FeCl₃) Dosing System		73	05-May-21	31-Jul-21	17-May-21	31-Jul-21	0												
ATALZ3S1-2040	CGS - Method Statement Submission and Approval for Relocation	22	05-May-21	31-May-21	24-May-21	18-Jun-21	15	■ CGS - Method Statement Submission and Approval for Relocation											
Z3S1-2110	Civil Structural Construction for FeCl ₃ Dosing System	50	17-May-21	16-Jul-21	17-May-21	16-Jul-21	0	■ Civil Structural Construction for FeCl ₃ Dosing System											
ATALZ3S1-2170	Relocation Works of FeCl ₃ Dosing System	36	19-Jun-21	31-Jul-21	19-Jun-21	31-Jul-21	0	■ Relocation Works of FeCl ₃ Dosing System											
Temporary Digested Sludge Pumping System and Forward Pumping Station		187	07-Dec-20	31-Jul-21	24-Feb-21	31-Jul-21	0												
ATALZ3S1-2030	CMS - Digested Sludge Pump / Forward Pump	22	07-Dec-20	04-Jan-21	24-Feb-21	20-Mar-21	59	■ CMS - Digested Sludge Pump / Forward Pump											
ATALZ3S1-2120	Procurement and Delivery of Materials	100	05-Jan-21	13-May-21	22-Mar-21	24-Jul-21	59	■ Procurement and Delivery of Materials											
Z3S1-2050	Civil Structural Construction for Digested Sludge Pumping System	60	05-May-21	16-Jul-21	05-May-21	16-Jul-21	0	■ Civil Structural Construction for Digested Sludge Pumping System											
ATALZ3S1-2200	E&M installation of digested sludge pump c/w pipework & valves & cabling at Stage 1A	36	19-Jun-21	31-Jul-21	19-Jun-21	31-Jul-21	0	■ E&M installation of digested sludge pump c/w pipework & valves & cabling at Stage 1A											
Temporary Primary Sludge Pumping Station (P)		249	07-Dec-20	15-Oct-21	28-Jan-21	03-Dec-21	42												
Z3TD1-4010	Civil Structural Construction of Temporary Primary Sludge Pumping Station	238	07-Dec-20	30-Sep-21	28-Jan-21	20-Nov-21	42	■ Civil Structural Construction of Temporary Primary Sludge Pumping Station											
Z3TD1-4040	CMS - Primary Sludge Pump	22	01-Apr-21	30-Apr-21	27-May-21	22-Jun-21	42	■ CMS - Primary Sludge Pump											
Z3TD1-4060	Procurement and Delivery of Materials	102	03-May-21	01-Sep-21	23-Jun-21	23-Oct-21	42	■ Procurement and Delivery of Materials											
Z3TD1-4100	E&M Installation of Primary Sludge Pump for pipework & cabling	24	02-Sep-21	30-Sep-21	25-Oct-21	20-Nov-21	42	■ E&M Installation of Primary Sludge Pump for pipework & cabling											
Z3TD1-4110	T&C (Functional test for Pumping System)	11	02-Oct-21	15-Oct-21	22-Nov-21	03-Dec-21	42	■ T&C (Functional test for Pumping System)											
Overhaul Works At Existing SDT Footprint		202	09-Nov-20	21-Jul-21	09-Nov-20	21-Jul-21	0												
ATALZ3S1-1000	Method Statement / PMAC Submission and Approval for SDTs	40	09-Nov-20	24-Dec-20	09-Nov-20	24-Dec-20	0	■ 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*	15-Jan-21	28-Dec-20	15-Jan-21	0	■ 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	04-Feb-21	16-Jan-21	04-Feb-21	0	■ Water Filling and Purging of SDT 1 & 2											
ATALZ3S1-1060	Recommissioning of SDT No. 1 & 2	14	05-Feb-21	27-Feb-21	05-Feb-21	27-Feb-21	0	■ Recommissioning of SDT No. 1 & 2											
Z3S1A-2040	Temporary Sludge Pipework Connection to the Methane Compressor House at Existing SDT	18	01-Mar-21	20-Mar-21	02-Mar-21	22-Mar-21	1	■ Temporary Sludge Pipework Connection to the Methane Compressor House at Existing SDT											
SDT No. 3 and 4		115	01-Mar-21	21-Jul-21	01-Mar-21	21-Jul-21	0												



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

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

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Detailed Works Programme

Date	Revision	Checked	Approved
15-Mar-21	Rev. 0		
21-Apr-21	Rev 1		

