

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026											
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																		
<b>YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme</b>								2202	27-Oct-20 A	09-Nov-27	30-Sep-21	09-Nov-27	0																																																						
UPDATE	Data Date DWP Revision 5	0		31-Aug-21 A		07-Oct-21		◆ Data Date DWP Revision 5																																																											
UPDATE-R6	Data Date DWP Revision 6	0		30-Sep-21 A		07-Oct-21		◆ Data Date DWP Revision 6																																																											
<b>Contract Data Part 1</b>								2569	27-Oct-20 A	09-Nov-27	30-Sep-21	09-Nov-27	0																																																						
<b>Commencement Date</b>								2569	27-Oct-20 A	09-Nov-27	30-Sep-21	09-Nov-27	0																																																						
CD1	Contract Date	0	27-Oct-20 A		30-Sep-21																																																														
CD2	Starting Date	0	09-Nov-20 A		30-Sep-21																																																														
CD3	Contract Completion	0	09-Nov-26		09-Nov-26																																																														
CD4	Establishment Period (12 months)	0	09-Nov-27		09-Nov-27																																																														
CD5	Defect Date (12 months)	0	09-Nov-27		09-Nov-27																																																														
<b>Access Dates</b>								1599	09-Nov-20 A	27-Mar-25	30-Sep-21	04-Jun-27	799																																																						
ADP1	Portion 1 (sd)	0	09-Nov-20 A		30-Sep-21																																																														
ADWA1	Work Area WA1 (sd)	0	09-Nov-20 A		04-Jun-27																																																														
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	365	05-Mar-21 A	03-Mar-22*	01-Oct-21	04-Mar-22	1	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal																																																											
ADP2	Portion 2 (sd+211d)	0	08-Jun-21 A		12-Nov-21																																																														
ADP5	Portion 5 (sd+944d)	0	11-Jun-23*		11-Jun-23																																																														
ADP3	Portion 3 (sd+1218d)	0	11-Mar-24*		10-Mar-24																																																														
ADP4	Portion 4 (sd+1599d)	0	27-Mar-25*		27-Mar-25																																																														
<b>Contract Key Dates</b>								1765	07-Apr-21 A	05-Feb-26	08-Jan-24	09-Nov-27	641																																																						
CKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0		07-Apr-21 A		09-Nov-27		Completion of Noise Barriers (sd+150d) (8 Apr 21)																																																											
CKD2	KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)	0		06-May-21 A		09-Nov-27		Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)																																																											
CKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)	0		08-Jan-24*		08-Jan-24	0	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)																																																											
CKD3	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWF, PST-54,000m3/d at ADWF, Civil, struct., E&M & BS (11 Mar 24)	0		11-Mar-24*		11-Mar-24	0	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWF, Civil, struct., E&M & BS (11 Mar 24)																																																											
CKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)	0		08-Jan-25*		08-Jan-25	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	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	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	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 ADWF (5 Feb 26)	0		05-Feb-26*		05-Feb-26	0	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at ADWF (5 Feb 26)																																																											
CKD6	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)	0		05-Feb-26*		05-Feb-26	0	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)																																																											
<b>Contract Section Completion</b>								1494	06-Oct-22	08-Nov-26	06-Oct-22	08-Nov-26	0																																																						
CSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)	0		06-Oct-22*		06-Oct-22	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	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	0	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																											
<b>Environmental Constraints</b>								1969	09-Nov-20 A	31-Mar-26	01-Oct-21	09-Nov-27	587																																																						
NMM-2135	PS 1.105A Noise Mitigation Measures 2020-2021	143	09-Nov-20 A	31-Mar-21 A	09-Nov-27	09-Nov-27		PS 1.105A Noise Mitigation Measures 2020-2021																																																											
EBS-2145	Egrets Breeding Season 2021	184	01-Mar-21 A	31-Aug-21 A	01-Oct-21	01-Oct-21		Egrets Breeding Season 2021																																																											
EBS-2155	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	PS 1.105A Noise Mitigation Measures 2025-2026																																																											
<b>Planned Completion</b>								2041	07-Apr-21 A	08-Nov-26	06-Oct-22	09-Nov-27	365																																																						
<b>Planned Key Dates</b>								1765	07-Apr-21 A	05-Feb-26	08-Jan-24	09-Nov-27	641																																																						
PKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0		07-Apr-21 A		09-Nov-27		Completion of Noise Barriers (sd+150d) (8 Apr 21)																																																											
PKD2	KD2 - Erection of Bird Curtain in vicinity of Mainstream Bioreactor, Ancillary facilities & Tertiary Treatment (6 May 21)	0		06-May-21 A		09-Nov-27		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		16-Sep-23*		08-Jan-25	477	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 (8 Jan 24)	0		09-Dec-23*		08-Jan-24	30	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)																																																											
PPKD3	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWF, PST-54,000m3/d at ADWF, Civil, struct., E&M & BS (11 Mar 24)	0		11-Mar-24*		11-Mar-24	0	KD3 - Early Commissioning of Inlet Works 100,000m3/d at ADWF, Civil, struct., E&M & BS (11 Mar 24)																																																											
PKD7	KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)	0		16-Apr-25*		08-Jan-26	267	KD7 - Completion of Civil & structural works of R/F of Mainstream Bioreactor system and Ancillary facilities (8 Jan 26)																																																											
PKD8	KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)	0		08-Jul-25*		08-Jul-25	0	KD8 - Completion of Civil & Structural works of Sludge Dewatering Building (separate contractor E&M, BS & PV) (8 Jul 25)																																																											
PKD9	KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)	0		06-Sep-25*		06-Nov-25	61	KD9 - Completion of Civil & Structural works of Administration Building (separate contractor E&M & BS) (6 Nov 25)																																																											
PPKD4	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at ADWF (5 Feb 26)	0		05-Feb-26*		05-Feb-26	0	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m3/d at ADWF (5 Feb 26)																																																											
PKD6	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)	0		05-Feb-26*		22-Jul-26	167	KD6 - Completion of Civil & Structural works of R/F of PST (separate contractor to install PV Panels) (5 Feb 26)																																																											
<b>Planned Section Completion</b>								1507	23-Sep-22	08-Nov-26	06-Oct-22	08-Nov-26	0																																																						
PSC1	Section 1 - Civil, Structural and Architectural works of CLP Substations No. 1 & 2 (for CLP install.) (sd+696d=06OCT2022)	0		23-Sep-22*		06-Oct-22	13	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		03-Nov-26*		08-Nov-26	5	Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)																																																											
PSC3	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0		08-Nov-26*		08-Nov-26	0	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)																																																											
<b>Notification of Compensation Events</b>								0	22-Jul-26	22-Jul-26	22-Jul-26	22-Jul-26	0																																																						
NCE5	Impacted KD4 due to NCE No. 005 (11 May 2021)	0		22-Jul-26*		22-Jul-26	0	Impacted KD4 due to NCE No. 005 (11 May 2021)																																																											
<b>Preliminary and Preparation Works</b>								1443	27-Oct-20 A	05-Jun-25	30-Sep-21	09-Nov-27	759																																																						
<b>Subletting</b>								680	27-Oct-20 A	06-Sep-22	30-Sep-21	09-Nov-27	1889																																																						
SUB-110	Prebid - Ground Investigation Works	0		27-Oct-20 A		04-Oct-21		Ground Investigation Works																																																											
SUB-120	Prebid - Demolition of existing building and structure	0		27-Oct-20 A		30-Sep-21		Demolition of existing building and structure																																																											
SUB-130	Prebid - Design, Supply and Installation of Noise Barrier and Bird Curtain	0		27-Oct-20 A		09-Nov-27		Design, Supply and Installation of Noise Barrier and Bird Curtain																																																											
SUB-140	Prebid - Piling works for Inlet works and PST	0		27-Oct-20 A		30-Sep-21		Piling works for Inlet works and PST																																																											
SUB-150	Prebid - E&M works	0		27-Oct-20 A		11-May-22		E&M works																																																											
SUB-160	Submit/Approve Sub-letting Procedures	60	09-Nov-20 A	07-Jan-21 A	30-Sep-21	30-Sep-21		Submit/Approve Sub-letting Procedures																																																											
SUB-180	Subletting for MIC works	40	08-Jan-21 A	16-Feb-21 A	15-Oct-21	15-Oct-21		Subletting for MIC works																																																											
SUB-190	Subletting for Landscaping works	30	08-Jan-21 A	06-Feb-21 A	30-Sep-21	30-Sep-21		Subletting for Landscaping works																																																											



- Remaining Level of Effort
- DWP Rev.5
- Actual Work
- Remaining Work
- Critical Remaining Work

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

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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		
31-Jul-21	Rev. 4		











































































Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023												2024												2025												2026											
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																		
<b>At Existing SHT</b>								114	30-Jul-21 A	13-Dec-21	26-Oct-21	24-Jan-22	33	[Gantt chart bars for 2022-2026]																																																					
<b>Stage 1: Laying of Diversion Pipeworks (SHT)-1</b>								85	30-Jul-21 A	09-Nov-21	03-Dec-21	13-Jan-22	53	[Gantt chart bars for 2022-2026]																																																					
TDZ3S1-1160	Trial Pits at Sludge Dewatering House - for pipe crossing	14	30-Jul-21 A	15-Oct-21	03-Dec-21	16-Dec-21	53	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1170	Laying of Diversion Pipework - Heating Water Return Pipe, Gas Pipe, Underground Pipework	21	16-Oct-21*	09-Nov-21	17-Oct-21	13-Jan-22	53	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 1: Decommissioning of Existing UU Corridor</b>								62	30-Sep-21	13-Dec-21	26-Oct-21	24-Jan-22	33	[Gantt chart bars for 2022-2026]																																																					
Z3S2-3070	Completion Overhaul SDT No. 3 and No. 4	0		30-Sep-21		26-Oct-21	21	[Gantt chart bars for 2022-2026]																																																											
Z3S1A-2020	Decommission Underground Utilities Corridor for Isolation of SHT 3 & 4	7	04-Oct-21	11-Oct-21	29-Oct-21	05-Nov-21	21	[Gantt chart bars for 2022-2026]																																																											
Z3S1A-2030	Demolition of SHT 3 & 4 (10) (method of construction and method to be reviewed)	38	12-Oct-21	25-Nov-21	06-Nov-21	20-Dec-21	21	[Gantt chart bars for 2022-2026]																																																											
Z3S1a.7-20	Switch Duty to SDT No. 1 and No. 2 (9) for SHT Demolition	7	12-Oct-21	20-Oct-21	06-Nov-21	13-Nov-21	21	[Gantt chart bars for 2022-2026]																																																											
Z3S1A-3020	Sheetpiling works for SHT 4 (10) (method of construction and method to be reviewed)	15	26-Nov-21	13-Dec-21	07-Jan-22	24-Jan-22	33	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 1A</b>								174	17-Jun-21 A	13-Jan-22	30-Sep-21	27-Jan-22	12	[Gantt chart bars for 2022-2026]																																																					
Z3S1A-3010	Completion of Stage 1A	0		13-Jan-22*		13-Jan-22	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 1A : At Existing STB - Sludge Diversion</b>								151	06-Jul-21 A	04-Jan-22	08-Oct-21	27-Jan-22	20	[Gantt chart bars for 2022-2026]																																																					
Z3S1a.5-10	Temporary work design for RC works	15	06-Jul-21 A	22-Jul-21 A	08-Jan-22	08-Jan-22	0	[Gantt chart bars for 2022-2026]																																																											
Z3S1a.5-20	Construction of Temporary Consolidation Tank and Polymer Dosing System	45	23-Jul-21 A	06-Oct-21	08-Jan-22	13-Jan-22	81	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1090	UU diversion prior to the construction for Temporary Gravity Thickening Tank (400m3) (Location A)	13	30-Sep-21*	16-Oct-21	08-Oct-21	23-Oct-21	6	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1070	Construction of Polymer Dosing System	53	18-Oct-21	17-Dec-21	12-Nov-21	15-Jan-22	22	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1330	Construct Temporary Gravity Thickening Tank (400m3)	45	18-Oct-21	08-Dec-21	25-Oct-21	15-Dec-21	6	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1110	Sludge Divert to Consolidation Tank C3 & C4 as Buffer Tank	12	20-Nov-21	03-Dec-21	14-Jan-22	27-Jan-22	44	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1340	Construct Temporary Gravity Thickening Tank (400m3) (E&M)	20	09-Dec-21	04-Jan-22	16-Dec-21	11-Jan-22	6	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1080	Systems Relocation of C1 & C2 and Sludge Thickening House	7	18-Dec-21	28-Dec-21	17-Jan-22	24-Jan-22	22	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 1A : At Existing SHT - Temporary Sludge Holding Tank</b>								150	17-Jun-21 A	13-Dec-21	30-Sep-21	13-Dec-21	0	[Gantt chart bars for 2022-2026]																																																					
Z3S1a.6-10	Procurement for SHT Pumps	50	17-Jun-21 A	18-Aug-21 A	30-Sep-21	30-Sep-21	0	[Gantt chart bars for 2022-2026]																																																											
Z3S1a.7-10	Completion Overhaul SHT	0		21-Jul-21 A		30-Sep-21	0	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1350	UU diversion prior to the construction for Temporary Sludge Holding Tank (240m3) (Location B)	7	16-Aug-21 A	23-Aug-21 A	25-Oct-21	25-Oct-21	0	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1060	Construct Temporary Sludge Holding Tank (240m3) (Location B)	42	23-Aug-21 A	08-Oct-21	25-Oct-21	01-Nov-21	19	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1360	UU diversion prior to the construction for Temporary Water Heater Pump House (Location C)	13	03-Sep-21 A	17-Sep-21 A	13-Dec-21	13-Dec-21	0	[Gantt chart bars for 2022-2026]																																																											
TDZ3S1-1320	Construct Temporary Water Heater Pump House (Location C)	42	30-Sep-21	19-Nov-21	30-Sep-21	19-Nov-21	0	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2360	Connection to Temporary SHT and Dewatering House	20	20-Nov-21	13-Dec-21	20-Nov-21	13-Dec-21	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2</b>								223	13-Dec-21	20-Sep-22	13-Dec-21	11-Oct-22	16	[Gantt chart bars for 2022-2026]																																																					
Z3S2-3020	Completion of Stage 2	0		20-Sep-22*		20-Sep-22	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : New Sludge Thickening Building (STB) at</b>								106	20-Dec-21	10-May-22	20-Dec-21	21-May-22	10	[Gantt chart bars for 2022-2026]																																																					
Z3S2-3080	Completion Demolition of SHT 3 & 4 (10)	0		20-Dec-21*		20-Dec-21	0	[Gantt chart bars for 2022-2026]																																																											
ATALZ3S1-1050	Switching Duty to SDT No.1 to No. 3 (9) for STB Demolition and Utility Corridor Construction	14	05-Jan-22	20-Jan-22	12-Jan-22	27-Jan-22	6	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2030	Demolition of Existing Sludge Thickening House (8, Air Floatation Thickener)	38	21-Jan-22	12-Mar-22	28-Jan-22	19-Mar-22	6	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2040	Demolition of Consolidation Tank (7) C1 & C2	24	21-Jan-22	24-Feb-22	16-Feb-22	15-Mar-22	16	[Gantt chart bars for 2022-2026]																																																											
ATALZ3S1-2210	Switching Duty to SDT No.3 to No. 4 (9) for STB Construction	14	14-Mar-22	29-Mar-22	21-Mar-22	06-Apr-22	6	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : STB Pre-drilling Works</b>								71	10-Feb-22	10-May-22	09-Mar-22	21-May-22	10	[Gantt chart bars for 2022-2026]																																																					
Z3S3-3400	Environment GI (8 nos., 7d/no., 2 rigs) & Submit RAP Report to EPD (30 days)	58	10-Feb-22	22-Apr-22	09-Mar-22	21-May-22	23	[Gantt chart bars for 2022-2026]																																																											
Z3S3-3050	Predrilling Works (2 nos. STB-PD1,2)	18	25-Feb-22	17-Mar-22	16-Mar-22	06-Apr-22	16	[Gantt chart bars for 2022-2026]																																																											
Z3S3-2030	Predrilling Works (5 nos. STB-PD3,6,7,9,10)	41	14-Mar-22	05-May-22	24-Mar-22	17-May-22	9	[Gantt chart bars for 2022-2026]																																																											
Z3S3-2020	Predrilling Works (4 nos. STB-PD4,5,8,11)	30	30-Mar-22	10-May-22	07-Apr-22	17-May-22	6	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : Existing Sludge Holding Tanks</b>								61	13-Dec-21	04-Mar-22	13-Dec-21	07-Mar-22	2	[Gantt chart bars for 2022-2026]																																																					
Z3S1a.7-60	Completion Connection to Temporary SHT & Dewatering House	0		13-Dec-21*		13-Dec-21	0	[Gantt chart bars for 2022-2026]																																																											
Z3S2.5-10	Demolition of Existing Water Heater House	38	14-Dec-21	29-Jan-22	15-Jan-22	07-Mar-22	25	[Gantt chart bars for 2022-2026]																																																											
Z3S1a.7-50	Completion Demolition of SHT 3 & 4 (10)	0		20-Dec-21*		20-Dec-21	0	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2010	Demolition of SHT 1 & 2 (10)	36	15-Jan-22	04-Mar-22	15-Jan-22	04-Mar-22	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : Biogas Holder No. 1</b>								162	05-Mar-22	20-Sep-22	05-Mar-22	20-Sep-22	0	[Gantt chart bars for 2022-2026]																																																					
Z3BH-1000	Biogas Holder No. 1 - Ground Improvement Including Surcharge	126	05-Mar-22	08-Aug-22	05-Mar-22	08-Aug-22	0	[Gantt chart bars for 2022-2026]																																																											
Z3BH-1010	Biogas Holder No. 1 - 800 Thick Base Slab	36	09-Aug-22	20-Sep-22	09-Aug-22	20-Sep-22	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : Utility Corridor Construction</b>								188	20-Jan-22	14-Sep-22	22-Mar-22	11-Oct-22	21	[Gantt chart bars for 2022-2026]																																																					
Z3S2-2350	Switching Duty to SDT No.1 to No. 3 (9)	0		20-Jan-22		22-Mar-22	46	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : Utility Corridor No. 3</b>								188	21-Jan-22	14-Sep-22	23-Mar-22	20-Sep-22	5	[Gantt chart bars for 2022-2026]																																																					
<b>S2 : UC/PP3 Foundation and ELS Works</b>								161	21-Jan-22	12-Aug-22	23-Mar-22	18-Aug-22	5	[Gantt chart bars for 2022-2026]																																																					
Z3S2-2340	UC/PP 3 - Site Setup & Mobilization	12	21-Jan-22	10-Feb-22	23-Mar-22	06-Apr-22	46	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2060	UC/PP 3 - Sheetpile Installation (2,674m2 @90m2/d)	30	31-Mar-22	11-May-22	07-Apr-22	17-May-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-3050	UC/PP 3 - Monitoring Installation and Pumping Test	21	12-Apr-22	11-May-22	21-Apr-22	17-May-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2070	UC/PP 3 - ELS, Excavation (+6.0 to +4.0mPD)	20	12-May-22	04-Jun-22	18-May-22	10-Jun-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2090	UC/PP 3 - ELS, Excavation (+4.0 to +1.5mPD)	20	01-Jun-22	24-Jun-22	08-Jun-22	30-Jun-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2080	UC/PP 3 - ELS, Strut Installation S1 (+4.0mPD)	12	06-Jun-22	18-Jun-22	27-Jun-22	11-Jul-22	18	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2160	UC/PP 3 - Marine Sediments Treatment and Disposal	30	06-Jun-22	11-Jul-22	20-Jun-22	25-Jul-22	12	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2100	UC/PP 3 - ELS, Strut Installation S2 (+1.5mPD)	12	25-Jun-22	09-Jul-22	12-Jul-22	25-Jul-22	13	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2110	UC/PP 3 - ELS, Excavation (+1.5 to -1.0mPD)	20	25-Jun-22	19-Jul-22	02-Jul-22	25-Jul-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2120	UC/PP 3 - ELS, Strut Installation S3 (-1.0mPD)	12	20-Jul-22	02-Aug-22	26-Jul-22	08-Aug-22	5	[Gantt chart bars for 2022-2026]																																																											
Z3S2-2130	UC/PP 3 - ELS, Excavation (-1.0 to -3.75mPD)	21	20-Jul-22	12-Aug-22	26-Jul-22	18-Aug-22	5	[Gantt chart bars for 2022-2026]																																																											
<b>S2 : UC/PP3 Civil and Structural Works</b>								27	13-Aug-22	14-Sep-22	19-Aug-22	20-Sep-22	5	[Gantt chart bars for 2022-2026]																																																					
Z3S2-2370	UC/PP 3 - Structure (-3.75 to -2.20mPD, Base Slab) at Stage 2	27	13-Aug-22	14-Sep-22	19-Aug-22	20-Sep-22	5	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 2 : Utility Corridor No. 2</b>								30	25-Jun-22	30-Jul-22	16-Aug-22	11-Oct-22	59	[Gantt chart bars for 2022-2026]																																																					
<b>S2 : UC/PP2 Foundation and ELS Works</b>								30	25-Jun-22	30-Jul-22	16-Aug-22	11-Oct-22	59	[Gantt chart bars for 2022-2026]																																																					
Z3S2-2150	UC/PP 2 - Sheetpile Installation (2,674m2 @90m2/d)	30	25-Jun-22	30-Jul-22	16-Aug-22	20-Sep-22	43	[Gantt chart bars for 2022-2026]																																																											
Z3S2-3060	UC/PP 2 - Monitoring Installation and Pumping Test	21	07-Jul-22	30-Jul-22	15-Sep-22	11-Oct-22	59	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 3</b>								367	23-Apr-22	24-Jun-23	05-May-22	28-Jun-23	3	[Gantt chart bars for 2022-2026]																																																					
Z3S3-3030	Completion of Stage 3	0		24-Jun-23*		24-Jun-23	0	[Gantt chart bars for 2022-2026]																																																											
<b>Stage 3 : New Sludge Thickening Building (STB) (Continued)</b>								245	23-Apr-22	02-Feb-23	05-May-22	24-Jun-23	122	[Gantt chart bars for 2022-2026]																																																					
<b>Stage 3 : STB Foundation and ELS</b>								231	23-Apr-22	17-Jan-23	05-May-22	31-Jan-23	12	[Gantt chart bars for 2022-2026]																																																					



- █ Remaining Level of Effort
- █ DWP Rev.5
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work

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

### Detailed Works Programme

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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		
31-Jul-21	Rev. 4		















Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2023												2024												2025												2026												2027												2028											
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																														
<b>Stage 7 : New Sludge Digester No. 5 and 6</b>								259	12-Sep-24	01-Aug-25	20-Jan-25	11-May-26	226																																																																		
<b>Stage 7 : SD 5,6 Foundation and ELS Works</b>								259	12-Sep-24	01-Aug-25	20-Jan-25	11-May-26	226																																																																		
Z3S8SD-1000	Sludge Digester No. 5-6 - Pre-drill (3 nos. SD-PD8,SD-PD9,SD-PD11)	48	12-Sep-24	09-Nov-24	20-Jan-25	21-Mar-25	105																																																																								
Z3S8SD-1010	Sludge Digester No. 5-6 - Pre-drill (1 no. SD-PD10)	14	11-Nov-24	26-Nov-24	22-Mar-25	08-Apr-25	105																																																																								
Z3S8SD-1030	Sludge Digester No. 5-6 - Driven H-pile (90 nos, 1.5no/d/rig)	60	01-Apr-25	17-Jun-25	09-Apr-25	24-Jun-25	6																																																																								
Z3S8SD-1040	Sludge Digester No. 5-6 - Sheet Piles Install (3,128m2, @90m2/d)	38	18-Jun-25	01-Aug-25	25-Jun-25	08-Aug-25	6																																																																								
Z3S8SD-2280	Sludge Digester No. 5-6 - Submit to GEO (28d)	28	18-Jun-25	21-Jul-25	08-Apr-26	11-May-26	236																																																																								
Z3S8SD-2260	Sludge Digester No. 5-6 - Monitoring Installation and Pumping Test	21	09-Jul-25	01-Aug-25	12-Nov-25	05-Dec-25	105																																																																								
<b>Stage 7 : H2S System</b>								65	22-Oct-24	08-Jan-25	23-May-25	08-Aug-25	169																																																																		
H2S-180	H2S Removal System - Structure Phase 1	65	22-Oct-24	08-Jan-25	23-May-25	08-Aug-25	169																																																																								
<b>Stage 8</b>								591	06-Sep-24	27-Jul-26	22-Oct-24	08-Nov-27	402																																																																		
Z3S8-3380	Completion of Stage 8	0		27-Jul-26		08-Nov-27	397																																																																								
<b>Stage 8 : New Sludge Digester No. 1 and 2 (Continued)</b>								81	06-Sep-24	12-Dec-24	31-Oct-25	05-Feb-26	338																																																																		
<b>Stage 8 : Testing &amp; Commissioning</b>								81	06-Sep-24	12-Dec-24	31-Oct-25	05-Feb-26	338																																																																		
<b>S8 : Process Start-Up</b>								35	06-Sep-24	19-Oct-24	31-Oct-25	10-Dec-25	338																																																																		
Z3S3-3310	SDT No.1&2 - T&C - Purging of tank and pipeworks at Stage 8	35	06-Sep-24	19-Oct-24	31-Oct-25	10-Dec-25	338																																																																								
Z3S3-3320	SDT No.1&2 - T&C - Seeding at Stage 8	35	06-Sep-24	19-Oct-24	31-Oct-25	10-Dec-25	338																																																																								
Z3S3-3330	SDT No.1&2 - T&C - Sludge Mixing and Digestion at Stage 8	35	06-Sep-24	19-Oct-24	31-Oct-25	10-Dec-25	338																																																																								
<b>S8 : System Commissioning</b>								46	21-Oct-24	12-Dec-24	11-Dec-25	05-Feb-26	338																																																																		
Z3S3-2900	SDT No.1&2 - T&C - System Commissioning	34	21-Oct-24	28-Nov-24	11-Dec-25	22-Jan-26	338																																																																								
Z3S3-2930	Switch sludge to new Sludge Digester and Biogas Holder	12	29-Nov-24	12-Dec-24	23-Jan-26	05-Feb-26	338																																																																								
Z3S3-2950	Achieve 60,000m3/d Flowrate (KD4)	0		12-Dec-24		05-Feb-26	338																																																																								
<b>Stage 8 : New Sludge Digester No. 4 (Continued)</b>								283	09-Aug-25	27-Jul-26	18-Aug-25	08-Nov-27	397																																																																		
<b>Stage 8 : SD 4 Foundation and ELS Works</b>								17	09-Aug-25	28-Aug-25	18-Aug-25	05-Sep-25	7																																																																		
<b>S8 : Excavation and Strut Installation</b>								17	09-Aug-25	28-Aug-25	18-Aug-25	05-Sep-25	7																																																																		
Z3S8SD-2130	Sludge Digester No. 4 - Strut Installation S4 (-5.9mPD)	8	09-Aug-25	18-Aug-25	28-Aug-25	05-Sep-25	16																																																																								
Z3S8SD-2140	Sludge Digester No. 4 - ELS Excavation (-5.9 to -8.9mPD)	17	09-Aug-25	28-Aug-25	18-Aug-25	05-Sep-25	7																																																																								
<b>Stage 8 : SD 4 Civil and Structural Works</b>								137	29-Aug-25	11-Feb-26	06-Sep-25	26-Feb-26	7																																																																		
<b>S8 : SD 4 Substructure</b>								86	29-Aug-25	10-Dec-25	06-Sep-25	18-Dec-25	7																																																																		
Z3S8SD-2150	Sludge Digester No. 4 - Structure (-8.9 to -6.8mPD) Base Slab	18	29-Aug-25	18-Sep-25	06-Sep-25	26-Sep-25	7																																																																								
Z3S8SD-2160	Sludge Digester No. 4 - Structure (-6.8 to -3.8mPD)	17	19-Sep-25	10-Oct-25	27-Sep-25	18-Oct-25	7																																																																								
Z3S8SD-2170	Sludge Digester No. 4 - Structure (-3.8 to -0.8mPD)	17	11-Oct-25	31-Oct-25	20-Oct-25	08-Nov-25	7																																																																								
Z3S8SD-2180	Sludge Digester No. 4 - Structure (-0.8 to 2.2mPD)	17	01-Nov-25	20-Nov-25	20-Nov-25	28-Nov-25	7																																																																								
Z3S8SD-2190	Sludge Digester No. 4 - Structure (+2.2 to +5.2mPD)	17	21-Nov-25	10-Dec-25	29-Nov-25	18-Dec-25	7																																																																								
<b>S8 : SD 4 Superstructure</b>								51	11-Dec-25	11-Feb-26	19-Dec-25	26-Feb-26	7																																																																		
Z3S8SD-2200	Sludge Digester No. 4 - Structure (+5.2 to +8.2mPD)	10	11-Dec-25	22-Dec-25	19-Dec-25	02-Jan-26	7																																																																								
Z3S8SD-2210	Sludge Digester No. 4 - Structure (+8.2 to +11.2mPD)	10	23-Dec-25	06-Jan-26	03-Jan-26	14-Jan-26	7																																																																								
Z3S8SD-2220	Sludge Digester No. 4 - Structure (+11.2 to +14.2mPD)	10	07-Jan-26	17-Jan-26	15-Jan-26	26-Jan-26	7																																																																								
Z3S8SD-2230	Sludge Digester No. 4 - Structure (+14.2 to +16.83mPD)	10	19-Jan-26	29-Jan-26	27-Jan-26	06-Feb-26	7																																																																								
Z3S8SD-2240	Sludge Digester No. 4 - Structure (+16.83 to +18.3mPD)	11	30-Jan-26	11-Feb-26	07-Feb-26	26-Feb-26	7																																																																								
<b>Stage 8 : E&amp;M Works SDT No.3 &amp; No.4</b>								129	12-Feb-26	27-Jul-26	27-Feb-26	08-Nov-27	397																																																																		
ATALZ3S8-2000	SDT No.3&4 - Tank Internal Pipework and Jet Nozzle Installation	115	12-Feb-26	10-Jul-26	27-Feb-26	18-Jul-26	7																																																																								
ATALZ3S8-2010	SDT No.3&4 - Pumps and Heat Exchanger Installation	115	12-Feb-26	10-Jul-26	27-Feb-26	18-Jul-26	7																																																																								
ATALZ3S8-2020	SDT No.3&4 - Tank Associated Pipework	115	12-Feb-26	10-Jul-26	27-Feb-26	18-Jul-26	7																																																																								
ATALZ3S8-2001	SDT No.3&4 - E&M Handover	0	12-Feb-26		27-Feb-26		7																																																																								
ATALZ3S8-2025	SDT No.3&4 - Installation and Set-Up for SCADA System	14	11-Jul-26	27-Jul-26	23-Oct-27	08-Nov-27	397																																																																								
<b>Stage 8 : New Sludge Digester No. 5 and 6 (Continued)</b>								262	29-Aug-25	22-Jul-26	06-Dec-25	09-Oct-26	66																																																																		
<b>Stage 8 : SD 5,6 Foundation and ELS Works</b>								121	29-Aug-25	23-Jan-26	06-Dec-25	11-May-26	82																																																																		
Z3S8SD-1060	Sludge Digester No. 5-6 - ELS Excavation (+6.0 to +4.6mPD)	24	29-Aug-25	25-Sep-25	06-Dec-25	06-Jan-26	82																																																																								
Z3S8SD-1070	Sludge Digester No. 5-6 - Strut Installation S1 (+4.6mPD)	12	26-Sep-25	11-Oct-25	25-Feb-26	10-Mar-26	118																																																																								
Z3S8SD-1080	Sludge Digester No. 5-6 - ELS Excavation (+4.6 to +1.1mPD)	24	26-Sep-25	25-Oct-25	07-Jan-26	03-Feb-26	82																																																																								
Z3S8SD-1090	Sludge Digester no. 5-6 - Marine Sediments Treatment and Disposal	40	27-Oct-25	12-Dec-25	13-Feb-26	10-Apr-26	90																																																																								
Z3S8SD-1100	Sludge Digester No. 5-6 - Strut Installation S2 (+1.1mPD)	12	27-Oct-25	10-Nov-25	11-Mar-26	24-Mar-26	106																																																																								
Z3S8SD-1110	Sludge Digester No. 5-6 - ELS Excavation (+1.1 to -2.4mPD)	24	27-Oct-25	24-Nov-25	04-Feb-26	10-Mar-26	82																																																																								
Z3S8SD-1120	Sludge Digester No. 5-6 - Strut Installation S3 (-2.4mPD)	12	25-Nov-25	08-Dec-25	25-Mar-26	10-Apr-26	94																																																																								
Z3S8SD-1130	Sludge Digester No. 5-6 - ELS Excavation (-2.4 to -5.9mPD)	24	25-Nov-25	22-Dec-25	11-Mar-26	10-Apr-26	82																																																																								
Z3S8SD-1140	Sludge Digester No. 5-6 - Strut Installation S4 (-5.9mPD)	12	23-Dec-25	08-Jan-26	11-Apr-26	24-Apr-26	82																																																																								
Z3S8SD-1150	Sludge Digester No. 5-6 - ELS Excavation (-5.9 to -8.9mPD)	25	23-Dec-25	23-Jan-26	11-Apr-26	11-May-26	82																																																																								
<b>Stage 8 : SD 5,6 Civil and Structural Works</b>								125	12-Feb-26	22-Jul-26	12-May-26	09-Oct-26	66																																																																		
<b>S8 : SD 5,6 Substructure</b>								125	12-Feb-26	22-Jul-26	12-May-26	09-Oct-26	66																																																																		
Z3S8SD-1170	Sludge Digester No. 5-6 - Structure (-8.9 to -6.8mPD) Base Slab	25	12-Feb-26	19-Mar-26	12-May-26	10-Jun-26	66																																																																								
Z3S8SD-1180	Sludge Digester No. 5-6 - Structure (-6.8 to -3.8mPD)	25	20-Mar-26	21-Apr-26	11-Jun-26	11-Jul-26	66																																																																								
Z3S8SD-1190	Sludge Digester No. 5-6 - Structure (-3.8 to -0.8mPD)	25	22-Apr-26	21-May-26	13-Jul-26	10-Aug-26	66																																																																								
Z3S8SD-1200	Sludge Digester No. 5-6 - Structure (-0.8 to 2.2mPD)	25	22-May-26	22-Jun-26	11-Aug-26	08-Sep-26	66																																																																								
Z3S8SD-1210	Sludge Digester No. 5-6 - Structure (+2.2 to +4.0mPD)	25	23-Jun-26	22-Jul-26	09-Sep-26	09-Oct-26	66																																																																								
<b>Stage 8 : H2S System (Continued)</b>								253	09-Jan-25	18-Nov-25	28-Nov-25	09-Oct-26	261																																																																		
H2S-170	H2S Removal System - Structure Phase 2	91	09-Jan-25	07-May-25	28-Nov-25	24-Mar-26	261																																																																								
H2S-150	H2S Removal System - E&M Installation c/w above ground pipeworks	110	08-May-25	15-Sep-25	25-Mar-26	07-Aug-26	261																																																																								
H2S-155	H2S Removal System - Loading of Ferric Oxide	110	08-May-25	15-Sep-25	25-Mar-26	07-Aug-26	261																																																																								
H2S-149	H2S Removal System - E&M Handover	0	08-May-25		25-Mar-26		261																																																																								
H2S-160	H2S Removal System and Other E&M T&C	52	16-Sep-25	18-Nov-25	08-Aug-26	09-Oct-26	261																																																																								
<b>Stage 8 : Biogas Holders No. 2,3 and 4</b>								383	22-Oct-24	05-Feb-26	22-Oct-24	05-Feb-26	0																																																																		
Z3BH-1020	Biogas Holder No. 2-4 - Ground Improvement Including Surcharge	160	22-Oct-24	12-May-25	22-Oct-24	12-May-25	0																																																																								
Z3BH-1030	Biogas Holder No. 2-4 - 800 Thick Base Slab Including Pipeworks	39	13-May-25	27-Jun-25	13-May-25	27-Jun-25	0																																																																								
<b>Stage 8 : E&amp;M Installation Works BH2,3,4</b>								184	28-Jun-25	05-Feb-26	28-Jun-25	05-Feb-26	0																																																																		



- █ Remaining Level of Effort
- █ DWP Rev.5
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work

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

### Detailed Works Programme

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Detailed Works Programme			
Date	Revision	Checked	Approved
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		
31-Jul-21	Rev. 4		



