

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart (2022-2028)																											
								2022	2023	2024	2025	2026	2027	2028																					
YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme								[Gantt Chart]																											
UPDATE	Data Date DWP Revision 5	0		31-Aug-21 A		07-Nov-21		Data Date DWP Revision 5																											
UPDATE-R6	Data Date DWP Revision 6	0		30-Sep-21 A		07-Nov-21		Data Date DWP Revision 6																											
Contract Data Part 1								[Gantt Chart]																											
Commencement Date								[Gantt Chart]																											
CD1	Contract Date	0	27-Oct-20 A		30-Oct-21			[Gantt Chart]																											
CD2	Starting Date	0	09-Nov-20 A		30-Oct-21			[Gantt Chart]																											
CD3	Contract Completion	0	09-Nov-26		09-Nov-26		0	Contract Completion																											
CD4	Establishment Period (12 months)	0	09-Nov-27		09-Nov-27		0	Establishment Period																											
CD5	Defect Date (12 months)	0	09-Nov-27		09-Nov-27		0	Defect Date																											
Access Dates								[Gantt Chart]																											
ADP1	Portion 1 (sd)	0	09-Nov-20 A		08-Nov-21			[Gantt Chart]																											
ADWA1	Work Area WA1 (sd)	0	09-Nov-20 A		04-Jun-27			[Gantt Chart]																											
ADWA2	Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal	365	05-Mar-21 A	03-Mar-22*	31-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		25-Nov-21			[Gantt Chart]																											
ADP5	Portion 5 (sd+944d)	0	11-Jun-23*		11-Jun-23		0	Portion 5 (sd+944d)																											
ADP3	Portion 3 (sd+1218d)	0	11-Mar-24*		10-Mar-24		0	Portion 3 (sd+1218d)																											
ADP4	Portion 4 (sd+1599d)	0	27-Mar-25*		27-Mar-25		0	Portion 4 (sd+1599d)																											
Contract Key Dates								[Gantt Chart]																											
CKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0	07-Apr-21 A		09-Nov-27			[Gantt Chart]																											
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			[Gantt Chart]																											
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, PST-54,000m3/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)																											
Contract Section Completion								[Gantt Chart]																											
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)																											
Environmental Constraints								[Gantt Chart]																											
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		[Gantt Chart]																											
EBS-2145	Egrets Breeding Season 2021	184	01-Mar-21 A	31-Aug-21 A	31-Oct-21	31-Oct-21		[Gantt Chart]																											
EBS-2155	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	[Gantt Chart]																											
NMM-2155	PS 1.105A Noise Mitigation Measures 2022-2023	151	01-Nov-22*	31-Mar-23	01-Nov-22	31-Mar-23	0	[Gantt Chart]																											
EBS-2165	Egrets Breeding Season 2023	184	01-Mar-23*	31-Aug-23	01-Mar-23	31-Aug-23	0	[Gantt Chart]																											
NMM-2165	PS 1.105A Noise Mitigation Measures 2023-2024	152	01-Nov-23*	31-Mar-24	01-Nov-23	31-Mar-24	0	[Gantt Chart]																											
EBS-2175	Egrets Breeding Season 2024	184	01-Mar-24*	31-Aug-24	01-Mar-24	31-Aug-24	0	[Gantt Chart]																											
NMM-2175	PS 1.105A Noise Mitigation Measures 2024-2025	151	01-Nov-24*	31-Mar-25	01-Nov-24	31-Mar-25	0	[Gantt Chart]																											
EBS-2185	Egrets Breeding Season 2025	183	02-Mar-25*	31-Aug-25	02-Mar-25	31-Aug-25	0	[Gantt Chart]																											
NMM-2185	PS 1.105A Noise Mitigation Measures 2025-2026	151	01-Nov-25*	31-Mar-26	01-Nov-25	31-Mar-26	0	[Gantt Chart]																											
Planned Completion								[Gantt Chart]																											
Planned Key Dates								[Gantt Chart]																											
PKD1	KD1 - Completion of Noise Barriers (sd+150d) (8 Apr 21)	0	07-Apr-21 A		09-Nov-27			[Gantt Chart]																											
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			[Gantt Chart]																											
PKD5	KD5 - Completion of Civil & Structural works of R/F of Inlet works (separate contractor to install PV Panels) (8 Jan 25)	0	19-Sep-23*		08-Jan-25	477		[Gantt Chart]																											
PKD10	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg (8 Jan 24)	0	08-Dec-23*		08-Jan-24	31		[Gantt Chart]																											
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		[Gantt Chart]																											
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		[Gantt Chart]																											
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		[Gantt Chart]																											
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		[Gantt Chart]																											
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		[Gantt Chart]																											
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*		05-Feb-26	0		[Gantt Chart]																											
Planned Section Completion								[Gantt Chart]																											
PSC1	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	[Gantt Chart]																											
PSC2	Section 2 - Landscape Softworks except those Works under other sections (sd+2190d=08NOV2026)	0	03-Nov-26*		08-Nov-26		5	[Gantt Chart]																											
PSC3	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0	03-Nov-26*		08-Nov-26		5	[Gantt Chart]																											
Notification of Compensation Events								[Gantt Chart]																											
NCE51	Impacted KD3 due to NCE No. 051 (XX Oct 2021)	0		30-Oct-21		08-Nov-27	2201	[Gantt Chart]																											
NCE5	Impacted KD4 due to NCE No. 005 (11 May 2021)	0		22-Jul-26*		22-Jul-26	0	[Gantt Chart]																											
Preliminary and Preparation Works								[Gantt Chart]																											
Subletting								[Gantt Chart]																											
SUB-110	Prebid - Ground Investigation Works	0	27-Oct-20 A		08-Nov-21			[Gantt Chart]																											
SUB-120	Prebid - Demolition of existing building and structure	0	27-Oct-20 A		10-Nov-21			[Gantt Chart]																											
SUB-130	Prebid - Design, Supply and Installation of Noise Barrier and Bird Curtain	0	27-Oct-20 A		09-Nov-27			[Gantt Chart]																											
SUB-140	Prebid - Piling works for Inlet works and PST	0	27-Oct-20 A		08-Nov-21			[Gantt Chart]																											
SUB-150	Prebid - E&M works	0	27-Oct-20 A		11-Apr-22			[Gantt Chart]																											
SUB-160	Submit/Approve Sub-letting Procedures	60	09-Nov-20 A	07-Jan-21 A	30-Oct-21	30-Oct-21		[Gantt Chart]																											
SUB-180	Subletting for MIC works	40	08-Jan-21 A	16-Feb-21 A	01-Dec-21	01-Dec-21		[Gantt Chart]																											



- █ 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

Project ID : DWP.DP7_211030
Layout : DC201912 DWP rev.7
Page 1 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																							
								2022	2023	2024	2025	2026	2027	2028																	
SUB-190	Subletting for Landscaping works	30	08-Jan-21 A	06-Feb-21 A	08-Nov-21	08-Nov-21		Landscaping works																							
SUB-200	Subletting for UU detection	44	08-Jan-21 A	20-Feb-21 A	02-Dec-21	02-Dec-21		UU detection																							
SUB-210	Subletting for Design Consultant	22	08-Jan-21 A	29-Jan-21 A	30-Oct-21	30-Oct-21		Design Consultant																							
SUB-100	Subletting for Diversion Works (Zone 1)	84	30-Jan-21 A	22-Apr-21 A	27-Nov-21	27-Nov-21		Diversion Works (Zone 1)																							
SUB-170	Subletting for Diversion Works (Zone 2)	84	30-Jan-21 A	23-Apr-21 A	30-Oct-21	30-Oct-21		Diversion Works (Zone 2)																							
SUB-370	Subletting for Instrumentation installation and monitoring	67	11-Feb-21 A	18-Apr-21 A	08-Nov-21	08-Nov-21		Instrumentation installation and monitoring																							
SUB-220	Subletting for Sheet piling works for IW, PST	150	15-May-21 A	11-Oct-21 A	01-Nov-21	01-Nov-21		Sheet piling works for IW, PST																							
SUB-260	Subletting for Diversion Works (Zone 3)	80	01-Jun-21 A	23-Jul-21 A	01-Nov-21	01-Nov-21		Diversion Works (Zone 3)																							
SUB-230	Subletting for CLP Substation No.1 & 2 Structure	100	01-Jun-21 A	07-Nov-21	22-Nov-21	30-Nov-21	23	CLP Substation No.1 & 2 Structure																							
SUB-330	Subletting for Dewatering System	30	02-Jun-21 A	01-Jul-21 A	08-Nov-21	08-Nov-21		Dewatering System																							
SUB-250	Subletting for Ground Improvement works for Biogas Holder	86	07-Jul-21 A	30-Oct-21	25-Feb-22	25-Feb-22	118	Ground Improvement works for Biogas Holder																							
SUB-240	Subletting for CLP Substation No.1 & 2 ABWF & BS	100	30-Aug-21 A	15-Jan-22	11-Feb-22	20-Apr-22	95	CLP Substation No.1 & 2 ABWF & BS																							
SUB-270	Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg	50	12-Oct-21 A	28-Nov-21	01-Nov-21	30-Nov-21	2	ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg																							
SUB-380	Subletting for Sheet piling works for remaining areas	150	12-Oct-21 A	09-Mar-22	22-Nov-21	01-Apr-22	23	Sheet piling works for remaining areas																							
SUB-280	Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg	105	29-Nov-21	13-Mar-22	01-Dec-21	15-Mar-22	2	RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg																							
SUB-350	Subletting for Waterproofing membrane and protection board	86	29-Nov-21	22-Feb-22	01-Dec-21	24-Feb-22	2	Waterproofing membrane and protection board																							
SUB-360	Subletting for Rebar fixing	86	29-Nov-21	22-Feb-22	01-Dec-21	24-Feb-22	2	Rebar fixing																							
SUB-310	Subletting for Utilities Corridor ELS	90	30-Dec-21	29-Mar-22	07-Jan-22	06-Apr-22	8	Utilities Corridor ELS																							
SUB-290	Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg	60	14-Mar-22	12-May-22	03-Jan-23	03-Mar-23	295	ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg																							
SUB-320	Subletting for Trellis outside Admin. building & Steel Working Platform	120	10-May-22	06-Sep-22	09-Feb-25	08-Jun-25	1006	Trellis outside Admin. building & Steel Working Platform																							
SUB-340	Subletting for Drainage, Sewage & waterworks	86	13-May-22	06-Aug-22	20-Oct-25	13-Jan-26	1256	Drainage, Sewage & waterworks																							
SUB-300	Subletting for RC works for MBR, Ancillary Building, TTB	60	19-Jun-22	17-Aug-22	18-Aug-22	16-Oct-22	60	RC works for MBR, Ancillary Building, TTB																							
Design Submission		1562	30-Jan-21 A	10-May-25	30-Oct-21	09-Nov-27	912																								
Temporary Works Design		1269	02-Mar-21 A	21-Aug-24	30-Oct-21	05-Nov-25	441																								
Inlet Work and Primary Sedimentation Tank		256	02-Mar-21 A	03-Nov-21	30-Oct-21	10-Nov-21	6																								
TWD-100	ELS Stage 1 - Prepare & Submission for PM's review	46	02-Mar-21 A	16-Apr-21 A	30-Oct-21	30-Oct-21		Stage 1 - Prepare & Submission for PM's review																							
TWD-420	ELS Stage 2 - Prepare & Submission for PM's review	72	05-Apr-21 A	15-Jun-21 A	05-Nov-21	05-Nov-21		Stage 2 - Prepare & Submission for PM's review																							
TWD-110	ELS Stage 1 - Review by PM's & ICE review (28 d + 7d)	36	02-Jun-21 A	07-Jul-21 A	30-Oct-21	30-Oct-21		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)	36	16-Jun-21 A	21-Jul-21 A	05-Nov-21	05-Nov-21		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)	15	03-Jul-21 A	17-Jul-21 A	30-Oct-21	30-Oct-21		Stage 1 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-440	ELS Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	15	22-Jul-21 A	30-Oct-21	05-Nov-21	05-Nov-21	6	Stage 2 - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-500	ELS Stage 1 - Submit to GEO (Dewatering Proposal)	29	23-Aug-21 A	30-Oct-21	30-Oct-21	30-Oct-21	0	Stage 1 - Submit to GEO (Dewatering Proposal)																							
TWD-510	ELS Stage 2 - Submit to GEO (Dewatering Proposal)	30	05-Sep-21 A	03-Nov-21	06-Nov-21	09-Nov-21	6	Stage 2 - Submit to GEO (Dewatering Proposal)																							
TWD-130	ELS Stage 1 - Obtain Approval	8	29-Sep-21 A	30-Oct-21 A	31-Oct-21	31-Oct-21		Stage 1 - Obtain Approval																							
TWD-450	ELS Stage 2 - Obtain Approval	8	05-Oct-21 A	30-Oct-21 A	10-Nov-21	10-Nov-21		Stage 2 - Obtain Approval																							
Mainstream Bio-Reactor System		94	01-Sep-21 A	06-Jan-22	14-Jan-22	23-Mar-22	76																								
TWD-220	ELS - Prepare & Submission for PM's review	45	01-Sep-21 A	17-Nov-21	14-Jan-22	01-Feb-22	76	ELS - Prepare & Submission for PM's review																							
TWD-230	ELS - Review by PM's & ICE review (28 d + 7d)	35	16-Oct-21 A	18-Nov-21	02-Feb-22	02-Feb-22	76	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	19-Nov-21	02-Dec-21	03-Feb-22	16-Feb-22	76	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-520	ELS - Submit to GEO	28	03-Dec-21	17-Feb-22	16-Mar-22	16-Mar-22	76	ELS - Submit to GEO																							
TWD-250	ELS - Obtain Approval	7	31-Dec-21	06-Jan-22	17-Mar-22	23-Mar-22	76	ELS - Obtain Approval																							
Biogas Holders		93	31-Aug-21 A	31-Dec-21	01-Jan-22	04-Mar-22	63																								
TWD-380	Ground Improvement Works - Prepare & Submission for PM's review	45	31-Aug-21 A	13-Nov-21	01-Jan-22	15-Jan-22	63	Ground Improvement Works - Prepare & Submission for PM's review																							
TWD-390	Ground Improvement Works - Review by PM's & ICE review (28 d + 7d)	37	15-Oct-21 A	19-Nov-21	16-Jan-22	21-Jan-22	63	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	20-Nov-21	03-Dec-21	22-Jan-22	04-Feb-22	63	Ground Improvement Works - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-530	Ground Improvement Works - Submit to GEO	28	04-Dec-21	31-Dec-21	05-Feb-22	04-Mar-22	63	Ground Improvement Works - Submit to GEO																							
TWD-410	Ground Improvement Works - Obtain Approval	7	25-Dec-21	31-Dec-21	26-Feb-22	04-Mar-22	63	Ground Improvement Works - Obtain Approval																							
Sludge Thickening Building		119	12-Jan-22	10-May-22	29-Mar-22	25-Jul-22	76																								
TWD-180	ELS - Prepare & Submission for PM's review	42	12-Jan-22*	22-Feb-22	29-Mar-22	09-May-22	76	ELS - Prepare & Submission for PM's review																							
TWD-190	ELS - Review by PM's & ICE review (28 d + 7d)	35	23-Feb-22	29-Mar-22	10-May-22	13-Jun-22	76	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	30-Mar-22	12-Apr-22	14-Jun-22	27-Jun-22	76	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-540	Ground Improvement Works - Submit to GEO	28	13-Apr-22	10-May-22	28-Jun-22	25-Jul-22	76	Ground Improvement Works - Submit to GEO																							
TWD-210	ELS - Obtain Approval	7	04-May-22	10-May-22	19-Jul-22	25-Jul-22	76	ELS - Obtain Approval																							
Tertiary Treatment System		122	02-Dec-21	02-Apr-22	28-Feb-22	29-Jun-22	88																								
TWD-140	ELS - Prepare & Submission for PM's review	45	02-Dec-21*	15-Jan-22	28-Feb-22	13-Apr-22	88	ELS - Prepare & Submission for PM's review																							
TWD-150	ELS - Review by PM's & ICE review (28 d + 7d)	35	16-Jan-22	19-Feb-22	14-Apr-22	18-May-22	88	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	20-Feb-22	05-Mar-22	19-May-22	01-Jun-22	88	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-550	ELS - Submit to GEO (Dewatering Proposal)	28	06-Mar-22	02-Apr-22	02-Jun-22	29-Jun-22	88	ELS - Submit to GEO (Dewatering Proposal)																							
TWD-170	ELS - Obtain Approval	7	27-Mar-22	02-Apr-22	23-Jun-22	29-Jun-22	88	ELS - Obtain Approval																							
Utilities Corridor		91	31-Aug-21 A	29-Dec-21	07-Nov-21	06-Jan-22	8																								
TWD-340	ELS - Prepare & Submission for PM's review	45	31-Aug-21 A	13-Nov-21	07-Nov-21	21-Nov-21	8	ELS - Prepare & Submission for PM's review																							
TWD-350	ELS - Review by PM's & ICE review (28 d + 7d)	35	15-Oct-21 A	17-Nov-21	22-Nov-21	25-Nov-21	8	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	18-Nov-21	01-Dec-21	26-Nov-21	09-Dec-21	8	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-560	ELS - Submit to GEO (Dewatering Proposal)	28	02-Dec-21	29-Dec-21	10-Dec-21	06-Jan-22	8	ELS - Submit to GEO (Dewatering Proposal)																							
TWD-370	ELS - Obtain Approval	7	23-Dec-21	29-Dec-21	31-Dec-21	06-Jan-22	8	ELS - Obtain Approval																							
Sludge Digester		122	30-Dec-21	30-Apr-22	24-Feb-23	25-Jun-23	421																								
TWD-460	ELS - Prepare & Submission for PM's review	45	30-Dec-21	12-Feb-22	24-Feb-23	09-Apr-23	421	ELS - Prepare & Submission for PM's review																							
TWD-470	ELS - Review by PM's & ICE review (28 d + 7d)	35	13-Feb-22	19-Mar-22	10-Apr-23	14-May-23	421	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	20-Mar-22	02-Apr-22	15-May-23	28-May-23	421	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-570	ELS - Submit to GEO (Dewatering Proposal)	28	03-Apr-22	30-Apr-22	29-May-23	25-Jun-23	421	ELS - Submit to GEO (Dewatering Proposal)																							
TWD-490	ELS - Obtain Approval	7	24-Apr-22	30-Apr-22	19-Jun-23	25-Jun-23	421	ELS - Obtain Approval																							
Sludge Dewatering and Underpass		122	02-Jul-22	31-Oct-22	17-Mar-24	16-Jul-24	624																								
TWD-260	ELS - Prepare & Submission for PM's review	45	02-Jul-22*	15-Aug-22	17-Mar-24	30-Apr-24	624	ELS - Prepare & Submission for PM's review																							
TWD-270	ELS - Review by PM's & ICE review (28 d + 7d)	35	16-Aug-22	19-Sep-22	01-Mar-24	04-Jun-24	624	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	20-Sep-22	03-Oct-22	05-Jun-24	18-Jun-24	624	ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																							
TWD-580	ELS - Submit to GEO (Dewatering Proposal)	28	04-Oct-22	31-Oct-22	19-Jun-24	16-Jul-24	624	ELS - Submit to GEO (Dewatering Proposal)																							



- 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 2 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																											
								2022	2023	2024	2025	2026	2027	2028																					
TWD-290	ELS - Obtain Approval	7	25-Oct-22	31-Oct-22	10-Jul-24	16-Jul-24	624	ELS - Obtain Approval																											
Administration Building																																			
TWD-300	Open Cut Design - Prepare & Submission for PM's review	45	22-Apr-24	05-Jun-24	02-Jul-24	31-Oct-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)																											
TWD-320	Open Cut Design - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	11-Jul-24	24-Jul-24	20-Sep-24	03-Oct-24	71	Open Cut Design - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																											
TWD-590	ELS - Submit to GEO (Dewatering Proposal)	28	25-Jul-24	21-Aug-24	04-Oct-24	31-Oct-24	71	ELS - Submit to GEO (Dewatering Proposal)																											
TWD-330	Open Cut Design - Obtain Approval	7	15-Aug-24	21-Aug-24	25-Oct-24	31-Oct-24	71	Open Cut Design - Obtain Approval																											
Walkway																																			
TWD-600	Walkway - Prepare & Submission for PM's review	45	22-Apr-24	05-Jun-24	07-Jul-25	20-Aug-25	441	Walkway - Prepare & Submission for PM's review																											
TWD-610	Walkway - Review by PM's & ICE review (28 d + 7d)	35	06-Jun-24	10-Jul-24	21-Aug-25	24-Sep-25	441	Walkway - Review by PM's & ICE review (28 d + 7d)																											
TWD-620	Walkway - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)	14	11-Jul-24	24-Jul-24	25-Sep-25	08-Oct-25	441	Walkway - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)																											
TWD-630	ELS - Submit to GEO (Dewatering Proposal)	28	25-Jul-24	21-Aug-24	09-Oct-25	05-Nov-25	441	ELS - Submit to GEO (Dewatering Proposal)																											
TWD-640	Walkway - Obtain Approval	7	15-Aug-24	21-Aug-24	30-Oct-25	05-Nov-25	441	Walkway - Obtain Approval																											
Contractor's Permanent Works Design (include ATAL)																																			
AP																																			
Package 1A - Mainstream Bio-Reactor System (AGS)																																			
AIP-420	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Prepare & Submission for PM's review	45	30-Jan-21 A	15-Mar-21 A	28-Jan-22	28-Jan-22	2179	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Prepare & Submission for PM's review																											
AIP-430	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Review by PM's & ICE review (28 d + 7d)	35	16-Mar-21 A	19-Apr-21 A	28-Jan-22	28-Jan-22	2179	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Review by PM's & ICE review (28 d + 7d)																											
AIP-440	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Resubmission for further review	14	20-Apr-21 A	03-May-21 A	28-Jan-22	28-Jan-22	2179	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Resubmission for further review																											
AIP-450	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Obtain Approval	7	04-May-21 A	28-May-21 A	28-Jan-22	28-Jan-22	2179	E&M AIP Report for Mainstream Bio-Reactor System (AGS) - Obtain Approval																											
Package 2A - Tertiary Treatment System (TTS)																																			
AIP-460	E&M AIP Report for Tertiary Treatment System (TTS) - Prepare & Submission for PM's review	45	28-Apr-21 A	11-Jun-21 A	11-Feb-22	11-Feb-22	2179	E&M AIP Report for Tertiary Treatment System (TTS) - Prepare & Submission for PM's review																											
AIP-470	E&M AIP Report for Tertiary Treatment System (TTS) - Review by PM's & ICE review (28 d + 7d)	35	19-May-21 A	22-Jun-21 A	11-Feb-22	11-Feb-22	2179	E&M AIP Report for Tertiary Treatment System (TTS) - Review by PM's & ICE review (28 d + 7d)																											
AIP-480	E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review	14	26-Jun-21 A	09-Jul-21 A	11-Feb-22	11-Feb-22	2179	E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review																											
AIP-490	E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval	7	10-Jul-21 A	16-Jul-21 A	11-Feb-22	11-Feb-22	2179	E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval																											
Package 3A - Plant Service Water																																			
AIP-500	E&M AIP Report for Plant Service Water - Prepare & Submission for PM's review	45	03-Apr-21 A	17-May-21 A	02-Aug-22	02-Aug-22	2179	E&M AIP Report for Plant Service Water - Prepare & Submission for PM's review																											
AIP-510	E&M AIP Report for Plant Service Water - Review by PM's & ICE review (28 d + 7d)	35	19-May-21 A	22-Jun-21 A	02-Aug-22	02-Aug-22	2179	E&M AIP Report for Plant Service Water - Review by PM's & ICE review (28 d + 7d)																											
AIP-520	E&M AIP Report for Plant Service Water - Resubmission for further review	14	26-Jun-21 A	09-Jul-21 A	16-Aug-23	16-Aug-23	2179	E&M AIP Report for Plant Service Water - Resubmission for further review																											
AIP-530	E&M AIP Report for Plant Service Water - Obtain Approval	7	10-Jul-21 A	16-Jul-21 A	16-Aug-23	16-Aug-23	2179	E&M AIP Report for Plant Service Water - Obtain Approval																											
Package 4A - E&M Report for Temp. Diversion Chamber and Pumping Station																																			
AIP-540	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Prepare & Submission for PM's review	35	23-Feb-21 A	29-Mar-21 A	27-Nov-21	27-Nov-21	2179	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Prepare & Submission for PM's review																											
AIP-550	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Review by PM's & ICE review (28 d + 7d)	35	06-Mar-21 A	09-Apr-21 A	27-Nov-21	27-Nov-21	2179	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Review by PM's & ICE review (28 d + 7d)																											
AIP-560	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Resubmission for further review	14	10-Apr-21 A	23-Apr-21 A	27-Nov-21	27-Nov-21	2179	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Resubmission for further review																											
AIP-570	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Obtain Approval	7	24-Apr-21 A	28-May-21 A	27-Nov-21	27-Nov-21	2179	Advance Works - E&M Report for Temporary Diversion Chamber and Pumping Station - Obtain Approval																											
Package 4B - E&M Report for SCADA Relocation																																			
AIP-580	E&M AIP Report for Advance Works (SCADA Relocation) - Prepare & Submission for PM's review	63	30-Jan-21 A	02-Apr-21 A	17-Jan-22	17-Jan-22	2179	E&M AIP Report for Advance Works (SCADA Relocation) - Prepare & Submission for PM's review																											
AIP-590	E&M AIP Report for Advance Works (SCADA Relocation) - Review by PM's & ICE review (28 d + 7d)	35	03-Apr-21 A	07-May-21 A	17-Jan-22	17-Jan-22	2179	E&M AIP Report for Advance Works (SCADA Relocation) - Review by PM's & ICE review (28 d + 7d)																											
AIP-600	E&M AIP Report for Advance Works (SCADA Relocation) - Resubmission for further review	14	08-May-21 A	21-May-21 A	17-Jan-22	17-Jan-22	2179	E&M AIP Report for Advance Works (SCADA Relocation) - Resubmission for further review																											
AIP-610	E&M AIP Report for Advance Works (SCADA Relocation) - Obtain Approval	7	22-May-21 A	17-Jan-22	17-Jan-22	17-Jan-22	2179	E&M AIP Report for Advance Works (SCADA Relocation) - Obtain Approval																											
Package 4C - E&M Report for AGS Pilot Plant																																			
AIP-630	E&M AIP Report for Advance Works (AGS) - Prepare & Submission for PM's review	33	01-Mar-21 A	02-Apr-21 A	17-Jul-23	17-Jul-23	2179	E&M AIP Report for Advance Works (AGS) - Prepare & Submission for PM's review																											
AIP-640	E&M AIP Report for Advance Works (AGS) - Review by PM's & ICE review (28 d + 7d)	35	03-Apr-21 A	07-May-21 A	17-Jul-23	17-Jul-23	2179	E&M AIP Report for Advance Works (AGS) - Review by PM's & ICE review (28 d + 7d)																											
AIP-650	E&M AIP Report for Advance Works (AGS) - Resubmission for further review	14	08-May-21 A	21-May-21 A	17-Jul-23	17-Jul-23	2179	E&M AIP Report for Advance Works (AGS) - Resubmission for further review																											
AIP-660	E&M AIP Report for Advance Works (AGS) - Obtain Approval	7	22-May-21 A	28-May-21 A	17-Jul-23	17-Jul-23	2179	E&M AIP Report for Advance Works (AGS) - Obtain Approval																											
Package 5A - Electrical Power Supply System for Advance Works																																			
AIP-100	Electrical Power Supply System for Advance Works - Prepare & Submission for PM's review	42	20-Feb-21 A	02-Apr-21 A	30-Dec-21	30-Dec-21	2179	Electrical Power Supply System for Advance Works - Prepare & Submission for PM's review																											
AIP-110	Electrical Power Supply System for Advance Works - Review by PM's & ICE review (28 d + 7d)	35	03-Apr-21 A	07-May-21 A	30-Dec-21	30-Dec-21	2179	Electrical Power Supply System for Advance Works - Review by PM's & ICE review (28 d + 7d)																											
AIP-120	Electrical Power Supply System for Advance Works - Resubmission for further review	14	08-May-21 A	21-May-21 A	30-Dec-21	30-Dec-21	2179	Electrical Power Supply System for Advance Works - Resubmission for further review																											
AIP-130	Electrical Power Supply System for Advance Works - Obtain Approval	7	22-May-21 A	28-May-21 A	30-Dec-21	30-Dec-21	2179	Electrical Power Supply System for Advance Works - Obtain Approval																											
Package 5B - Electrical Power Supply System for YLEPP																																			
AIP-140	Electrical Power Supply System for YLEPP - Prepare & Submission for PM's review	11	20-Apr-21 A	30-Apr-21 A	08-Dec-23	08-Dec-23	2179	Electrical Power Supply System for YLEPP - Prepare & Submission for PM's review																											
AIP-150	Electrical Power Supply System for YLEPP - Review by PM's review	14	01-May-21 A	14-May-21 A	08-Dec-23	08-Dec-23	2179	Electrical Power Supply System for YLEPP - Review by PM's review																											
AIP-160	Electrical Power Supply System for YLEPP - Resubmission for PM's review	14	08-May-21 A	21-May-21 A	08-Dec-23	08-Dec-23	2179	Electrical Power Supply System for YLEPP - Resubmission for PM's review																											
AIP-170	Electrical Power Supply System for YLEPP - Obtain Approval	7	22-May-21 A	28-May-21 A	08-Dec-23	08-Dec-23	2179	Electrical Power Supply System for YLEPP - Obtain Approval																											
Package 6A - Control & Monitoring System																																			
AIP-180	Control & Monitoring System - Prepare & Submission for PM's review	36	01-May-21 A	05-Jun-21 A	11-Apr-23	11-Apr-23	528	Control & Monitoring System - Prepare & Submission for PM's review																											
AIP-190	Control & Monitoring System - Review by PM's & ICE review (28 d + 7d)	35	06-Jun-21 A	10-Jul-21 A	11-Apr-23	11-Apr-23	528	Control & Monitoring System - Review by PM's & ICE review (28 d + 7d)																											
AIP-200	Control & Monitoring System - Resubmission for further review	14	12-Jul-21 A	30-Oct-21	11-Apr-23	11-Apr-23	528	Control & Monitoring System - Resubmission for further review																											
AIP-620	Control & Monitoring System - Obtain Approval	7	14-Sep-21 A	31-Oct-21	12-Apr-23	12-Apr-23	528	Control & Monitoring System - Obtain Approval																											
Package 7A - Building Services System																																			
AIP-220	BS System - Prepare & Submission for PM's review	7	30-Mar-21 A	05-Apr-21 A	22-Mar-22	22-Mar-22	2179	BS System - Prepare & Submission for PM's review																											
AIP-230	BS System - Review by PM's & ICE review (28 d + 7d)	35	06-Apr-21 A	10-May-21 A	22-Mar-22	22-Mar-22	2179	BS System - Review by PM's & ICE review (28 d + 7d)																											
AIP-240	BS System - Resubmission for further review	14	08-May-21 A	21-May-21 A	22-Mar-22	22-Mar-22	2179	BS System - Resubmission for further review																											
AIP-250	BS System - Obtain Approval	7	22-May-21 A	28-May-21 A	22-Mar-22	22-Mar-22	2179	BS System - Obtain Approval																											
Package 8A - E&M AIP Report for Sludge Thickening Building & Chemical System																																			
AIP-260	STB - Prepare & Submission for PM's review	46	01-Mar-21 A	15-Apr-21 A	29-Oct-22	29-Oct-22	2179	STB - Prepare & Submission for PM's review																											
AIP-270	STB - Review by PM's & ICE review (28 d + 7d)	35	16-Apr-21 A	20-May-21 A	29-Oct-22	29-Oct-22	2179	STB - Review by PM's & ICE review (28 d + 7d)																											
AIP-280	STB - Resubmission for further review	14	21-May-21 A	03-Jun-21 A	29-Oct-22	29-Oct-22	2179	STB - Resubmission for further review																											
AIP-290	STB - Obtain Approval	7	04-Jun-21 A	10-Jun-21 A	29-Oct-22	29-Oct-22	2179	STB - Obtain Approval																											
Package 9A - E&M AIP Report for Inlet Work (IW)																																			
AIP-670	IW - Prepare & Submission for PM's review	46	01-Mar-21 A	15-Apr-21 A	09-Nov-27	09-Nov-27	2179	IW - Prepare & Submission for PM's review																											
AIP-680	IW - Review by PM's & ICE review (28 d + 7d)	35	16-Apr-21 A	20-May-21 A	09-Nov-27	09-Nov-27	2179	IW - Review by PM's & ICE review (28 d + 7d)																											
AIP-690	IW - Resubmission for further review	14	21-May-21 A	03-Jun-21 A	09-Nov-27	09-Nov-27	2179	IW - Resubmission for further review																											
AIP-700	IW - Obtain Approval	7	04-Jun-21 A	10-Jun-21 A	09-Nov-27	09-Nov-27	2179	IW - Obtain Approval																											



- █ 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 3 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
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31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																																															
								2022												2023												2024												2025											
								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												
DDA-1420	Mechanical for DOU No. 1 - Prepare(28d),Sub.&Review(28d),Comment&Resub(14d)&Approval(7d)	78	28-Feb-22	16-May-22	23-Aug-27	08-Nov-27	2002	[Gantt bars for 2022-2025]																																															
DDA-1430	Mechanical for DOU No. 2A and 2B - Prepare(28d),Sub.&Review(28d),Comment&Resub(14d)&Approval(7d)	78	28-Feb-22	16-May-22	23-Aug-27	08-Nov-27	2002	[Gantt bars for 2022-2025]																																															
DDA-1440	Mechanical for DOU No. 3 - Prepare(28d),Sub.&Review(28d),Comment&Resub(14d)&Approval(7d)	78	28-Feb-22	16-May-22	23-Aug-27	08-Nov-27	2002	[Gantt bars for 2022-2025]																																															
Package 17 - Sludge Dewatering Building (SDB)																																																							
DDA-890	Architectural for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	07-Jun-21 A	30-Oct-21	28-Aug-23	28-Aug-23	667	[Gantt bars for 2022-2025]																																															
DDA-900	Found. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d), GEO(28d) & Approval(7d)	154	10-Nov-21	12-Apr-22	29-Aug-23	29-Jan-24	657	[Gantt bars for 2022-2025]																																															
DDA-950	BS for Sludge Dewatering Building (SDB) - Prep(118d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	184	31-Mar-22	30-Sep-22	11-Aug-24	10-Feb-25	864	[Gantt bars for 2022-2025]																																															
DDA-910	Civil & Struct. for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	13-Apr-22	16-Aug-22	30-Jan-24	03-Jun-24	657	[Gantt bars for 2022-2025]																																															
DDA-920	General Arrangement & Civil Req. Drawings for SDB - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	17-Aug-22	20-Dec-22	04-Jun-24	07-Oct-24	657	[Gantt bars for 2022-2025]																																															
DDA-930	Mechanical for Sludge Dewatering Building (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	21-Dec-22	25-Apr-23	08-Oct-24	10-Feb-25	657	[Gantt bars for 2022-2025]																																															
DDA-940	Electrical & Control for Sludge Dewatering Bldg (SDB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	21-Dec-22	25-Apr-23	08-Oct-24	10-Feb-25	657	[Gantt bars for 2022-2025]																																															
Package 18 - Miscellaneous																																																							
DDA-540	Civil & Structural for Misc. Manholes,DrawPits,FenceWall - Prep(60d),Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	13-Jul-24*	15-Nov-24	03-Mar-25	06-Jul-25	233	[Gantt bars for 2022-2025]																																															
Package 19 - Elevated Walkways																																																							
DDA-710	Civil & Structural for Elevated Walkways - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d), GEO(28d)	154	04-Jan-22	06-Jun-22	06-Oct-24	08-Mar-25	1006	[Gantt bars for 2022-2025]																																															
Package 20 - Trellis																																																							
DDA-720	Civil & Structural for Trellis - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	31-Aug-21 A	02-Feb-22	01-Aug-24	04-Nov-24	1006	[Gantt bars for 2022-2025]																																															
Package 21 - Steel Working Platform																																																							
DDA-730	Civil & Structural for Steel Working Platform - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	04-Jan-22	09-May-22	06-Oct-24	08-Feb-25	1006	[Gantt bars for 2022-2025]																																															
Administration Building (ADB)																																																							
DDA-0960	Architectural for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	19-Mar-23	22-Jul-23	26-Sep-23	29-Jan-24	191	[Gantt bars for 2022-2025]																																															
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	30-Jan-24	01-Jul-24	191	[Gantt bars for 2022-2025]																																															
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	[Gantt bars for 2022-2025]																																															
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	25-Dec-24	29-Apr-25	241	[Gantt bars for 2022-2025]																																															
DDA-1000	Mechanical for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	01-Sep-24	04-Jan-25	03-Sep-25	06-Jan-26	367	[Gantt bars for 2022-2025]																																															
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	30-Apr-25	02-Sep-25	241	[Gantt bars for 2022-2025]																																															
DDA-1020	BS for Administration Building (ADB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	05-Jan-25	10-May-25	03-Sep-25	06-Jan-26	241	[Gantt bars for 2022-2025]																																															
Building Services																																																							
DDA-590	BS for Inlet Works (IW) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	31-Aug-21 A	02-Feb-22	28-Nov-22	03-Mar-23	394	[Gantt bars for 2022-2025]																																															
DDA-600	BS for Sludge Thickening Building (STB) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	31-Aug-21 A	02-Feb-22	20-Jul-22	23-Oct-22	263	[Gantt bars for 2022-2025]																																															
DDA-620	BS for Biogas Holder (BH) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	31-Aug-21 A	02-Feb-22	20-May-22	23-Aug-22	202	[Gantt bars for 2022-2025]																																															
DDA-610	BS for Primary Sedimentation Tanks (PST) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	30-Sep-21 A	02-Feb-22	22-Mar-22	25-Jun-22	143	[Gantt bars for 2022-2025]																																															
DDA-630	BS for Sludge Dewatering Building (SDB) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	03-Apr-22	06-Aug-22	24-Aug-22	27-Dec-22	143	[Gantt bars for 2022-2025]																																															
DDA-640	BS for Utility Corridor&Pipe Portal (UC/PP) - Prepare (60d), Sub. & Review(45d), Comment & Resub.(14d) & Approval(7d)	126	03-Jun-22	06-Oct-22	24-Oct-22	26-Feb-23	143	[Gantt bars for 2022-2025]																																															
Technical Submission																																																							
Inlet Works (IW)																																																							
TS-910	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	30-May-21 A	07-Dec-21	08-Jul-22	15-Aug-22	251	[Gantt bars for 2022-2025]																																															
TS-920	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	30-May-21 A	01-Nov-21	08-Jul-22	10-Jul-22	251	[Gantt bars for 2022-2025]																																															
TS-890	PID - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	03-Sep-21 A	07-Dec-21	11-Jul-22	15-Aug-22	251	[Gantt bars for 2022-2025]																																															
TS-900	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	03-Sep-21 A	07-Dec-21	11-Jul-22	15-Aug-22	251	[Gantt bars for 2022-2025]																																															
Primary Sedimentation Tank (PST)																																																							
TS-940	PID - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	03-Sep-21 A	07-Dec-21	11-Jul-22	15-Aug-22	251	[Gantt bars for 2022-2025]																																															
TS-930	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	03-Sep-21 A	07-Dec-21	11-Jul-22	15-Aug-22	251	[Gantt bars for 2022-2025]																																															
TS-950	General Arrangement Drawing - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	13-Nov-21	17-Jan-22	22-Jul-22	25-Sep-22	251	[Gantt bars for 2022-2025]																																															
TS-960	Civil Requirement Drawings (Superstructure) - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	13-Nov-21	17-Jan-22	22-Jul-22	25-Sep-22	251	[Gantt bars for 2022-2025]																																															
Sludge Thickening Building (STB)																																																							
TS-820	Architectural for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	01-Jun-21 A	03-Nov-21	22-Sep-22	26-Sep-22	327	[Gantt bars for 2022-2025]																																															
TS-830	Found. for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d), GEO(28d) & Approval(7d)	154	01-Jun-21 A	31-Oct-21	16-May-22	17-May-22	198	[Gantt bars for 2022-2025]																																															
TS-840	Civil & Structural for Sludge Thickening Bldg (STB) - Prep(27d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	93	29-Dec-21	31-Mar-22	21-Nov-22	21-Feb-23	327	[Gantt bars for 2022-2025]																																															
TS-850	General Arrangement & Civil Req. Drawings for STB - Prep(27d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	93	29-Dec-21	31-Mar-22	25-Jun-23	25-Sep-23	543	[Gantt bars for 2022-2025]																																															
TS-970	PID - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	93	29-Dec-21	31-Mar-22	21-Nov-22	21-Feb-23	327	[Gantt bars for 2022-2025]																																															
TS-980	Equipment Loading Summary - Prep(27d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	93	29-Dec-21	31-Mar-22	10-Dec-23	11-Mar-24	711	[Gantt bars for 2022-2025]																																															
TS-860	Mechanical for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	01-Apr-22	04-Aug-22	26-Sep-23	29-Jan-24	543	[Gantt bars for 2022-2025]																																															
TS-880	BS for Sludge Thickening Building (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	01-Apr-22	04-Aug-22	30-Jan-24	03-Jun-24	669	[Gantt bars for 2022-2025]																																															
TS-870	Electrical & Control for Sludge Thickening Bldg (STB) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	05-Aug-22	08-Dec-22	30-Jan-24	03-Jun-24	543	[Gantt bars for 2022-2025]																																															
H2S Removal System (H2S)																																																							
TS-1000	Civil Requirement Drawings H2S (Superstructure) - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	91	01-May-22	30-Jul-22	07-Oct-24	05-Jan-25	890	[Gantt bars for 2022-2025]																																															
TS-1020	PID H2S - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	91	01-May-22	30-Jul-22	07-Oct-24	05-Jan-25	890	[Gantt bars for 2022-2025]																																															
TS-1010	Equipment Loading Summary H2S - Prep(25d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	91	01-May-22	30-Jul-22	07-Oct-24	05-Jan-25	890	[Gantt bars for 2022-2025]																																															
TS-990	General Arrangement Drawing H2S - Prep(26d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	92	14-Sep-22	14-Dec-22	20-Feb-25	22-May-25	890	[Gantt bars for 2022-2025]																																															
Sludge Digesters (SD)																																																							
TS-740	Found. for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d), GEO(28d) & Approval(7d)	126	25-Sep-21 A	03-Jun-22	07-Jan-23	25-Sep-24	845	[Gantt bars for 2022-2025]																																															
TS-750	Civil & Structural for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	25-Sep-21 A	02-Feb-22	01-Nov-23	04-Feb-24	732	[Gantt bars for 2022-2025]																																															
TS-760	General Arrangement & Civil Req. Drawings for SD - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	25-Sep-21 A	02-Feb-22	22-Feb-24	27-May-24	845	[Gantt bars for 2022-2025]																																															
TS-1030	PID - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	126	25-Sep-21 A	02-Feb-22	22-Jun-24	25-Sep-24	966	[Gantt bars for 2022-2025]																																															
TS-1040	Equipment Loading Summary - Prep(60d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	126	25-Sep-21 A	02-Feb-22	22-Jun-24	25-Sep-24	966	[Gantt bars for 2022-2025]																																															
TS-770	Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	29-Jan-22	03-Jun-22	23-May-24	25-Sep-24	845	[Gantt bars for 2022-2025]																																															
Biogas Holders (BH)																																																							
TS-780	Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub(14d), GEO(28d) & Approval(7d)	147	12-Jun-21 A	04-Nov-21	27-Feb-22	04-Mar-22	120	[Gantt bars for 2022-2025]																																															
TS-790	Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	66	12-Jun-21 A	30-Oct-21	10-Apr-22	10-Apr-22	162	[Gantt bars for 2022-2025]																																															
TS-1050	PID - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	31-Aug-21 A	04-Dec-21	18-May-22	22-Jun-22	200	[Gantt bars for 2022-2025]																																															
TS-1060	Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	66	31-Aug-21 A	04-Dec-21	18-May-22	22-Jun-22	200	[Gantt bars for 2022-2025]																																															
TS-800	General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	193	16-Sep-21 A	11-Apr-22	11-Apr-22	20-Sep-22	162	[Gantt bars for 2022-2025]																																															
TS-810	Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub(14d) & Approval(7d)	126	05-Nov-21	10-Mar-22	18-May-22	20-Sep-22	194	[Gantt bars for 2022-2025]																																															
SCADA																																																							
		210	30-Nov-21	27-Jun-22	12-May-23	07-Dec-23	528	[Gantt bars for 2022-2025]																																															



- 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 6 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																											
								2022				2023				2024				2025				2026				2027				2028			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
TS-1070	Layout and Wiring Diagram for YLEPP PLC Panel - Prep(144d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	210	30-Nov-21	27-Jun-22	12-May-23	07-Dec-23	528	[Gantt bar: 30-Nov-21 to 07-Dec-23]																											
TS-1080	System Architecture for Existing YLSTW Temporary SCADA System - Prep(144d), Sub.&Rev(45d), Comments&Resub(14d), Approval(7d)	210	30-Nov-21	27-Jun-22	12-May-23	07-Dec-23	528	[Gantt bar: 30-Nov-21 to 07-Dec-23]																											
TS-1090	Layout and Wiring Diagram for Existing YLSTW Temp PLC Panel - Prep(144d), Sub.&Rev(45d), Comments&Resub(14d), Approval(7d)	210	30-Nov-21	27-Jun-22	12-May-23	07-Dec-23	528	[Gantt bar: 30-Nov-21 to 07-Dec-23]																											
TS-1100	System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub(14d)&Approval(7d)	210	30-Nov-21	27-Jun-22	12-May-23	07-Dec-23	528	[Gantt bar: 30-Nov-21 to 07-Dec-23]																											
Utility Corridor and Pipe Portal								210	30-Nov-21	27-Jun-22	19-Oct-23	15-May-24	688	[Gantt bar: 30-Nov-21 to 15-May-24]																					
TS-1110	General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	210	30-Nov-21	27-Jun-22	19-Oct-23	15-May-24	688	[Gantt bar: 30-Nov-21 to 15-May-24]																											
TS-1120	Civil Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	210	30-Nov-21	27-Jun-22	19-Oct-23	15-May-24	688	[Gantt bar: 30-Nov-21 to 15-May-24]																											
TS-1140	Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	210	30-Nov-21	27-Jun-22	19-Oct-23	15-May-24	688	[Gantt bar: 30-Nov-21 to 15-May-24]																											
Hazardous Area Classification and Fire Risk Assessment								127	31-Aug-21 A	03-Feb-22	16-Jun-22	20-Sep-22	229	[Gantt bar: 31-Aug-21 to 20-Sep-22]																					
TS-1800	Hazardous Area Classification and Fire Risk Assessment Specialist - Submission & Approval	20	31-Aug-21 A	30-Oct-21	16-Jun-22	16-Jun-22	229	[Gantt bar: 31-Aug-21 to 16-Jun-22]																											
TS-1810	Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	126	20-Sep-21 A	03-Feb-22	17-Jun-22	20-Sep-22	229	[Gantt bar: 20-Sep-21 to 20-Sep-22]																											
TS-1820	Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval(7d)	126	20-Sep-21 A	03-Feb-22	17-Jun-22	20-Sep-22	229	[Gantt bar: 20-Sep-21 to 20-Sep-22]																											
Material Submission, Procurement, Manufacturing and Delivery								300	09-Nov-20 A	03-Nov-21	06-Nov-21	11-Mar-24	859	[Gantt bar: 09-Nov-20 to 11-Mar-24]																					
PRE-240	Submit/Procure/Manufacture/Deliver TTS & Auxiliary Facility Equip.	270	09-Nov-20 A	30-Oct-21	19-Dec-23	19-Dec-23	780	[Gantt bar: 09-Nov-20 to 19-Dec-23]																											
PRE-230	Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.	270	09-Nov-20 A	30-Oct-21	27-Oct-23	27-Oct-23	727	[Gantt bar: 09-Nov-20 to 27-Oct-23]																											
PRE-210	Submit/Procure/Manufacture/Deliver New Inlet Works Equip.	180	09-Nov-20 A	07-May-21 A	12-Dec-22	12-Dec-22		[Gantt bar: 09-Nov-20 to 12-Dec-22]																											
PRE-220	Submit/Procure/Manufacture/Deliver New Primary Sedimentation Tank Equip.	180	09-Nov-20 A	07-May-21 A	26-Sep-22	26-Sep-22		[Gantt bar: 09-Nov-20 to 26-Sep-22]																											
PRE-250	Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks	300	09-Nov-20 A	03-Nov-21	07-Mar-24	11-Mar-24	859	[Gantt bar: 09-Nov-20 to 11-Mar-24]																											
PRE-260	Submit/Procure/Manufacture/Deliver Diversion Works	44	09-Nov-20 A	22-Dec-20 A	06-Nov-21	06-Nov-21		[Gantt bar: 09-Nov-20 to 06-Nov-21]																											
Site Establishment Works								1432	09-Nov-20 A	05-Jun-25	08-Nov-21	09-Nov-27	759	[Gantt bar: 09-Nov-20 to 09-Nov-27]																					
PG-100	Prepare/Submit Supplementary Contamination Assessment Plan (CAP)	12	21-Dec-20 A	06-Jan-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 21-Dec-20 to 08-Nov-21]																											
PG-120	Procurement Asbestos Specialist	30	21-Dec-20 A	19-Jan-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 21-Dec-20 to 26-Nov-21]																											
PG-110	Approved Supplementary CAP	30	07-Jan-21 A	05-Feb-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 07-Jan-21 to 08-Nov-21]																											
PG-130	Submit/Approve Methos Statement for Asbestos Treatment and Removal	30	20-Jan-21 A	18-Feb-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 20-Jan-21 to 26-Nov-21]																											
Portion 1 - IW Stage 1, PST, MBR, AF, TTS, STCS, Utilities Corridor, Pipe Portal								147	09-Nov-20 A	14-May-21 A	08-Nov-21	26-Nov-21		[Gantt bar: 09-Nov-20 to 26-Nov-21]																					
P1-100	Portion 1 - Initial Survey and Record, Underground Utilities Detection	60	09-Nov-20 A	20-Jan-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 09-Nov-20 to 08-Nov-21]																											
P1-120	Portion 1 - Land Contamination Site Investigation	13	06-Feb-21 A	27-Feb-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 06-Feb-21 to 08-Nov-21]																											
P1-110	Portion 1 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	48	08-Feb-21 A	15-Apr-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 08-Feb-21 to 08-Nov-21]																											
P1-200	Portion 1 - Asbestos Survey	18	19-Feb-21 A	11-Mar-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 19-Feb-21 to 26-Nov-21]																											
P1-130	Portion 1 - Submit/Approve CAR and RAP	18	01-Mar-21 A	20-Mar-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 01-Mar-21 to 08-Nov-21]																											
P1-210	Portion 1 - Asbestos Removal	48	12-Mar-21 A	12-May-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 12-Mar-21 to 26-Nov-21]																											
P1-140	Portion 1 - Carry out RAP	24	22-Mar-21 A	22-Apr-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 22-Mar-21 to 08-Nov-21]																											
P1-150	Portion 1 - Submit Remediation Report	18	23-Apr-21 A	14-May-21 A	08-Nov-21	08-Nov-21		[Gantt bar: 23-Apr-21 to 08-Nov-21]																											
Portion 2 - IW Stage 2								92	08-Jun-21 A	01-Nov-21	25-Nov-21	09-Nov-27	1784	[Gantt bar: 08-Jun-21 to 09-Nov-27]																					
P2-100	Portion 2 - Initial Survey and Record, Underground Utilities Detection	12	08-Jun-21 A	22-Jun-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 08-Jun-21 to 26-Nov-21]																											
P2-110	Portion 2 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	08-Jun-21 A	22-Jun-21 A	26-Nov-21	26-Nov-21		[Gantt bar: 08-Jun-21 to 26-Nov-21]																											
P2-120	Portion 2 - Land Contamination Site Investigation	18	14-Jul-21 A	01-Nov-21	25-Nov-21	26-Nov-21	22	[Gantt bar: 14-Jul-21 to 26-Nov-21]																											
P2-140	Portion 2 - Carry out RAP	24	19-Jul-21 A	26-Aug-21 A	09-Nov-27	09-Nov-27		[Gantt bar: 19-Jul-21 to 09-Nov-27]																											
P2-150	Submit Remediation Report	7	27-Aug-21 A	27-Aug-21 A	09-Nov-27	09-Nov-27		[Gantt bar: 27-Aug-21 to 09-Nov-27]																											
Portion 3 - PST, SDB, Admin. Bldg								69	02-Feb-24	04-May-24	17-Feb-24	13-May-24	7	[Gantt bar: 02-Feb-24 to 13-May-24]																					
P3-100	Portion 3 - Initial Survey and Record, Underground Utilities Detection	12	02-Feb-24	22-Feb-24	17-Feb-24	01-Mar-24	7	[Gantt bar: 02-Feb-24 to 01-Mar-24]																											
P3-110	Portion 3 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	17	02-Feb-24	28-Feb-24	17-Feb-24	07-Mar-24	7	[Gantt bar: 02-Feb-24 to 07-Mar-24]																											
P3-120	Portion 3 - Land Contamination Site Investigation	10	29-Feb-24	11-Mar-24	08-Mar-24	19-Mar-24	7	[Gantt bar: 29-Feb-24 to 19-Mar-24]																											
P3-140	Portion 3 - Carry out RAP	24	12-Mar-24	12-Apr-24	20-Mar-24	20-Apr-24	7	[Gantt bar: 12-Mar-24 to 20-Apr-24]																											
P3-150	Portion 3 - Submit Remediation Report	18	13-Apr-24	04-May-24	22-Apr-24	13-May-24	7	[Gantt bar: 13-Apr-24 to 13-May-24]																											
Portion 4 - EVA								54	27-Mar-25	05-Jun-25	16-Apr-26	20-Jun-26	307	[Gantt bar: 27-Mar-25 to 20-Jun-26]																					
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	[Gantt bar: 27-Mar-25 to 20-Jun-26]																											
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	[Gantt bar: 27-Mar-25 to 20-Jun-26]																											
P4-120	Portion 4 - Land Contamination Site Investigation	12	27-Mar-25	10-Apr-25	16-Apr-26	29-Apr-26	307	[Gantt bar: 27-Mar-25 to 29-Apr-26]																											
P4-140	Portion 4 - Carry out RAP	24	11-Apr-25	14-May-25	30-Apr-26	29-May-26	307	[Gantt bar: 11-Apr-25 to 29-May-26]																											
P4-150	Portion 4 - Submit Remediation Report	18	15-May-25	05-Jun-25	30-May-26	20-Jun-26	307	[Gantt bar: 15-May-25 to 20-Jun-26]																											
Portion 5 - Walkway								12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697	[Gantt bar: 12-Jun-23 to 05-Nov-25]																					
P5-100	Portion 5 - Initial Survey and Record, Underground Utilities Detection	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697	[Gantt bar: 12-Jun-23 to 05-Nov-25]																											
P5-110	Portion 5 - Installation of Water Barriers, Clearance, Haul Road and Temp Facilities	12	12-Jun-23	26-Jun-23	22-Oct-25	05-Nov-25	697	[Gantt bar: 12-Jun-23 to 05-Nov-25]																											
Temporary Transformer 1600A								60	01-Sep-21 A	10-Dec-21	28-Sep-27	08-Nov-27	1750	[Gantt bar: 01-Sep-21 to 08-Nov-27]																					
P5-120	Construct temporary transformer structure	20	01-Sep-21 A	30-Oct-21	28-Sep-27	28-Sep-27	1750	[Gantt bar: 01-Sep-21 to 28-Sep-27]																											
P5-130	ABWF & E&M works	24	25-Sep-21 A	01-Nov-21	29-Sep-27	29-Sep-27	1750	[Gantt bar: 25-Sep-21 to 29-Sep-27]																											
P5-140	CLP Inspection	11	26-Oct-21 A	06-Nov-21	30-Sep-27	05-Oct-27	1750	[Gantt bar: 26-Oct-21 to 05-Oct-27]																											
P5-150	Energization of temporary transformer	0		06-Nov-21		05-Oct-27	1750	[Gantt bar: 06-Nov-21 to 05-Oct-27]																											
P5-160	LV switchboard metering (Finish On or Before 15-Dec-21)	29	08-Nov-21	10-Dec-21	06-Oct-27	08-Nov-27	1750	[Gantt bar: 08-Nov-21 to 08-Nov-27]																											
PM and Contractor Accomodation								342	18-Feb-21 A	20-Apr-22	04-Jun-27	08-Nov-27	1651	[Gantt bar: 18-Feb-21 to 08-Nov-27]																					
Project Manager's & Contractor Site Accommodation								234	18-Feb-21 A	30-Nov-21	04-Jun-27	08-Nov-27	1759	[Gantt bar: 18-Feb-21 to 08-Nov-27]																					
PMCA-110	Design and Procurement of MIC	45	18-Feb-21 A	15-Apr-21 A	04-Jun-27	04-Jun-27		[Gantt bar: 18-Feb-21 to 04-Jun-27]																											
PMCA-140	Submission and approved MS & PMAC	18	16-Apr-21 A	07-May-21 A	04-Jun-27	04-Jun-27		[Gantt bar: 16-Apr-21 to 04-Jun-27]																											
MIC Section								51	31-Aug-21 A	30-Nov-21	08-Oct-27	08-Nov-27	1759	[Gantt bar: 31-Aug-21 to 08-Nov-27]																					
PMCA-150	Construction of Pad Footing	6	31-Aug-21 A	06-Sep-21 A	08-Oct-27	08-Oct-27		[Gantt bar: 31-Aug-21 to 08-Oct-27]																											
PMCA-160	Construction of Sewage pipeworks and Septic Tank	17	07-Sep-21 A	27-Sep-21 A	08-Oct-27	08-Oct-27		[Gantt bar: 07-Sep-21 to 08-Oct-27]																											
PMCA-170	Construction of G/F Structure Works	16	09-Sep-21 A	20-Oct-21 A	08-Oct-27	08-Oct-27		[Gantt bar: 09-Sep-21 to 08-Oct-27]																											
PMCA-210	Installation of E&M and ABWF Works	12	11-Oct-21 A	30-Nov-21	18-Oct-27	08-Nov-27	1759	[Gantt bar: 11-Oct-21 to 08-Nov-27]																											
PMCA-180	Construction of 1/F Structure Works	18	18-Oct-21 A	31-Oct-21 A	08-Oct-27	08-Oct-27		[Gantt bar: 18-Oct-21 to 08-Oct-27]																											
PMCA-190	Installation of Green Roof	16	09-Nov-21	26-Nov-21	21-Oct-27	08-Nov-27	1762	[Gantt bar: 09-Nov-21 to 08-Nov-27]																											
PMCA-220	Installation of Energy Efficient Features	12	09-Nov-21	22-Nov-21	26-Oct-27	08-Nov-27	1766	[Gantt bar: 09-Nov-21 to 08-Nov-27]																											
PMCA-200	Construction of Covered Car Park	13	09-Nov-21	23-Nov-21	18-Oct-27	01-Nov-27	1759	[Gantt bar: 09-Nov-21 to 01-Nov-27]																											
PMCA-230	Construction of Rain and Surface Water Drainage Works	10	12-Nov-21	24-Nov-21	28-Oct-27	08-Nov-27	1765	[Gantt bar: 12-Nov-21 to 08-Nov-27]																											



- 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 7 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart (2022-2028)																																																		
								2022	2023	2024	2025	2026	2027	2028																																												
IW-2125	Complete Temporary Administration Building - Non-MIC Section	0		04-Jan-22		15-Oct-27	1712	Complete Temporary Administration Building - Non-MIC Section																																																		
IW-2640	Inlet Work Stage 2 - Excavation (-2.5 to -4.5mPD)	30	14-Jan-22	24-Feb-22	17-Jan-22	26-Feb-22	2	Inlet Work Stage 2 - Excavation (-2.5 to -4.5mPD)																																																		
IW-2620	Inlet Work Stage 2 - Marine Sediments Treatment and Disposal	40	20-Jan-22	14-Mar-22	16-Feb-22	02-Apr-22	17	Inlet Work Stage 2 - Marine Sediments Treatment and Disposal																																																		
IW-2630	Inlet Work Stage 2 - Strut Installation S3 (-2.5mPD)	16	22-Jan-22	16-Feb-22	02-Apr-22	02-Apr-22	39	Inlet Work Stage 2 - Strut Installation S3 (-2.5mPD)																																																		
IW-2650	Inlet Work Stage 2 - Strut Installation S4 (-4.5mPD)	16	25-Feb-22	15-Mar-22	16-Mar-22	02-Apr-22	16	Inlet Work Stage 2 - Strut Installation S4 (-4.5mPD)																																																		
IW-2660	Inlet Work Stage 2 - Excavation (-4.5 to -7.15mPD)	30	25-Feb-22	31-Mar-22	28-Feb-22	02-Apr-22	2	Inlet Work Stage 2 - Excavation (-4.5 to -7.15mPD)																																																		
IW-2670	IW - Foundation & ELS Complete	0		31-Mar-22		02-Apr-22	2	IW - Foundation & ELS Complete																																																		
Temporary Workshop and Storage								91	02-Feb-21 A	19-Jul-21 A	25-Nov-21	26-Nov-21																																														
IW-2120A	Design and Submission	7	02-Feb-21 A	24-Apr-21 A	25-Nov-21	25-Nov-21		Design and Submission																																																		
IW-2120B	Site Formation	10	26-Apr-21 A	03-May-21 A	25-Nov-21	25-Nov-21		Site Formation																																																		
IW-2120C	Foundation Work	7	04-May-21 A	08-May-21 A	25-Nov-21	25-Nov-21		Foundation Work																																																		
IW-2120D	Erect Steel Structure, External Wall and Roof Cladding	10	10-May-21 A	17-May-21 A	25-Nov-21	25-Nov-21		Erect Steel Structure, External Wall and Roof Cladding																																																		
IW-2120E	Erect Internal Partition and False Ceiling	6	18-May-21 A	24-May-21 A	25-Nov-21	25-Nov-21		Erect Internal Partition and False Ceiling																																																		
IW-2120F	Electrical Work, Sanitary Work, Install A/C and Floor Finishes	10	18-May-21 A	29-May-21 A	25-Nov-21	25-Nov-21		Electrical Work, Sanitary Work, Install A/C and Floor Finishes																																																		
IW-2390	Relocation of Workshop (advance work before P2 access)	20	25-Jun-21 A	19-Jul-21 A	26-Nov-21	26-Nov-21		Relocation of Workshop (advance work before P2 access)																																																		
IW-2390B	Relocation of Storage Facilities (advance work before P2 access)	5	25-Jun-21 A	30-Jun-21 A	25-Nov-21	25-Nov-21		Relocation of Storage Facilities (advance work before P2 access)																																																		
IW Backfilling & Watertight								49	13-Aug-22	12-Oct-22	09-Nov-24	08-Jan-25	659																																													
IW-2955	IW Works - Watertightness	14	13-Aug-22	29-Aug-22	09-Nov-24	25-Nov-24	659	IW Works - Watertightness																																																		
IW-2960	IW Works - Sheet Piling Removal	21	30-Aug-22	23-Sep-22	26-Nov-24	19-Dec-24	659	IW Works - Sheet Piling Removal																																																		
IW-2970	IW Works - Backfilling and Levelling up to +5.5mPD	21	16-Sep-22	12-Oct-22	12-Dec-24	08-Jan-25	659	IW Works - Backfilling and Levelling up to +5.5mPD																																																		
IW Civil and Structural Works								262	25-Feb-22	12-Jan-23	25-Feb-22	12-Jan-23	0																																													
IW Structure Stage 1 (to G/F +4.0mPD)								135	25-Feb-22	10-Aug-22	10-Aug-22	10-Aug-22	0																																													
IW-2600	Inlet Work Stage 1 - Structure from -1.55 mPD to +1.45 mPD	90	25-Feb-22	17-Jun-22	25-Feb-22	17-Jun-22	0	Inlet Work Stage 1 - Structure from -1.55 mPD to +1.45 mPD																																																		
IW-2690	Inlet Work Stage 1 - Structure from +1.45 mPD to +4.0 mPD	45	18-Jun-22	10-Aug-22	18-Jun-22	10-Aug-22	0	Inlet Work Stage 1 - Structure from +1.45 mPD to +4.0 mPD																																																		
IW Structure Stage 2 (to G/F +4.0mPD)								107	01-Apr-22	12-Aug-22	04-Apr-22	12-Aug-22	0																																													
IW-2680	Inlet Work Stage 2 - Structure from -7.15 mPD to -5.0 mPD	30	01-Apr-22	12-May-22	04-Apr-22	14-May-22	2	Inlet Work Stage 2 - Structure from -7.15 mPD to -5.0 mPD																																																		
IW-2700	Inlet Work Stage 2 - Structure from -5.0 mPD to -2.0 mPD	25	13-May-22	11-Jun-22	16-May-22	14-Jun-22	2	Inlet Work Stage 2 - Structure from -5.0 mPD to -2.0 mPD																																																		
IW-2710	Inlet Work Stage 2 - Structure from -2.0 mPD to +1.0 mPD	25	13-Jun-22	12-Jul-22	15-Jun-22	14-Jul-22	2	Inlet Work Stage 2 - Structure from -2.0 mPD to +1.0 mPD																																																		
IW-2720	Inlet Work Stage 2 - Structure from +1.0 mPD to +4.0 mPD	25	15-Jul-22	12-Aug-22	15-Jul-22	12-Aug-22	0	Inlet Work Stage 2 - Structure from +1.0 mPD to +4.0 mPD																																																		
IW Structure to Roof (+4.0mPD to +18.3mPD)								125	13-Aug-22	12-Jan-23	13-Aug-22	12-Jan-23	0																																													
IW-2730	Inlet Work - Structure to Roof from +4.0 mPD to +7.0 mPD	25	13-Aug-22	12-Sep-22	13-Aug-22	12-Sep-22	0	Inlet Work - Structure to Roof from +4.0 mPD to +7.0 mPD																																																		
IW-2740	Inlet Work - Structure to Roof from +7.0 mPD to +10.0 mPD	25	13-Sep-22	13-Oct-22	13-Oct-22	13-Oct-22	0	Inlet Work - Structure to Roof from +7.0 mPD to +10.0 mPD																																																		
IW-2750	Inlet Work - Structure to Roof from +10.0 mPD to +13.0 mPD	25	14-Oct-22	11-Nov-22	14-Oct-22	11-Nov-22	0	Inlet Work - Structure to Roof from +10.0 mPD to +13.0 mPD																																																		
IW-2760	Inlet Work - Structure to Roof from +13.0 mPD to +16.0 mPD	25	12-Nov-22	10-Dec-22	12-Nov-22	10-Dec-22	0	Inlet Work - Structure to Roof from +13.0 mPD to +16.0 mPD																																																		
IW-2770	Inlet Work - Structure to Roof from +16.0 mPD to +18.3 mPD	25	12-Dec-22	12-Jan-23	12-Dec-22	12-Jan-23	0	Inlet Work - Structure to Roof from +16.0 mPD to +18.3 mPD																																																		
IW ABWF and BS Works								300	13-Sep-22	19-Sep-23	04-Mar-23	11-Mar-24	137																																													
IW-2780	Inlet Work - BS and ABWF Works	300	13-Sep-22	19-Sep-23	04-Mar-23	11-Mar-24	137	Inlet Work - BS and ABWF Works																																																		
IW Transformer House No. 1								232	05-Aug-22	02-May-23	20-Oct-22	11-Mar-24	269																																													
IW-2785	TX House No. 1 - Piling Works (8 nos.)	10	05-Aug-22	16-Aug-22	20-Oct-22	31-Oct-22	62	TX House No. 1 - Piling Works (8 nos.)																																																		
IW-2930	TX House No. 1 - ELS Works	14	17-Aug-22	01-Sep-22	30-Jan-23	14-Feb-23	130	TX House No. 1 - ELS Works																																																		
IW-2790	TX House No. 1 - Structure Cable Trench at +2.2 mPD to +4.8 mPD	21	03-Sep-22	28-Sep-22	16-Feb-23	11-Mar-23	130	TX House No. 1 - Structure Cable Trench at +2.2 mPD to +4.8 mPD																																																		
IW-2800	TX House No. 1 - Structure Base Level from +4.80 mPD to +6.0 mPD	21	29-Sep-22	25-Oct-22	13-Mar-23	06-Apr-23	130	TX House No. 1 - Structure Base Level from +4.80 mPD to +6.0 mPD																																																		
IW-2810	TX House No. 1 - Structure G/F to Roof from +6.0 mPD to +9.0 mPD	21	26-Oct-22	18-Nov-22	11-Apr-23	05-May-23	130	TX House No. 1 - Structure G/F to Roof from +6.0 mPD to +9.0 mPD																																																		
IW-2820	TX House No. 1 - Structure G/F to Roof from +9.0 mPD to +11.6 mPD	21	19-Nov-22	13-Dec-22	06-May-23	31-May-23	130	TX House No. 1 - Structure G/F to Roof from +9.0 mPD to +11.6 mPD																																																		
IW-2830	TX House No. 1 - BS and ABWF	30	14-Dec-22	27-Jan-23	03-Nov-23	07-Dec-23	258	TX House No. 1 - BS and ABWF																																																		
IW-2840	TX House No. 1 - Transformer Installation and LV Switchboard Power On	72	02-Feb-23	02-May-23	08-Dec-23	11-Mar-24	254	TX House No. 1 - Transformer Installation and LV Switchboard Power On																																																		
IW-2831	TX House No. 1 - E&M Handover	0	02-Feb-23	08-Dec-23	08-Dec-23	11-Mar-24	254	TX House No. 1 - E&M Handover																																																		
IW E&M Works								132	12-Dec-22	31-May-23	12-Dec-22	31-May-23	0																																													
ATAL-1000	IW - Screening / Grit Removal / Inlet Pumping / DOU System / Penstock & Stoplogs	105	12-Dec-22	27-Apr-23	12-Dec-22	27-Apr-23	0	IW - Screening / Grit Removal / Inlet Pumping / DOU System / Penstock & Stoplogs																																																		
ATAL-1010	IW - Lifting Appliance	105	12-Dec-22	27-Apr-23	12-Dec-22	27-Apr-23	0	IW - Lifting Appliance																																																		
ATAL-0000	IW - E&M Handover	0	12-Dec-22		12-Dec-22		0	IW - E&M Handover																																																		
ATAL-1020	IW - Instrumentation	36	03-Apr-23	19-May-23	03-Apr-23	19-May-23	0	IW - Instrumentation																																																		
ATAL-1030	IW - Electrical Works (Cabling / LCP, Termination)	30	25-Apr-23	31-May-23	25-Apr-23	31-May-23	0	IW - Electrical Works (Cabling / LCP, Termination)																																																		
ATAL-1040	IW - BS Installation (ELV, Ventilation, FS, PD)	30	25-Apr-23	31-May-23	25-Apr-23	31-May-23	0	IW - BS Installation (ELV, Ventilation, FS, PD)																																																		
ATAL-1120	IW - Plant Service Water System (PSW) Installation	30	25-Apr-23	31-May-23	25-Apr-23	31-May-23	0	IW - Plant Service Water System (PSW) Installation																																																		
ATAL-1110	IW - Installation, Set-Up & T&C for SCADA System	14	15-May-23	31-May-23	15-May-23	31-May-23	0	IW - Installation, Set-Up & T&C for SCADA System																																																		
IW E&M T&C								244	01-Jun-23	11-Mar-24	01-Jun-23	11-Mar-24	0																																													
ATAL-1050	IW - T&C - Equipment SAT (Mechanical Dry Check)	30	01-Jun-23	07-Jul-23	01-Jun-23	07-Jul-23	0	IW - T&C - Equipment SAT (Mechanical Dry Check)																																																		
ATAL-1060	IW - T&C - Equipment SAT (Functional Dry Check)	30	01-Jun-23	07-Jul-23	01-Jun-23	07-Jul-23	0	IW - T&C - Equipment SAT (Functional Dry Check)																																																		
ATAL-1070	IW - T&C - Equipment SAT (Wet / Load Performance Check)	30	01-Jun-23	07-Jul-23	01-Jun-23	07-Jul-23	0	IW - T&C - Equipment SAT (Wet / Load Performance Check)																																																		
ATAL-1130	IW - T&C - Plant Service Water System (PSW)	30	01-Jun-23	07-Jul-23	01-Jun-23	07-Jul-23	0	IW - T&C - Plant Service Water System (PSW)																																																		
ATAL-1090	IW - Diversion works from existing bypass chamber to IW (Penstock Installation c/w T&C)	39	08-Jul-23	22-Aug-23	08-Jul-23	22-Aug-23	0	IW - Diversion works from existing bypass chamber to IW (Penstock Installation c/w T&C)																																																		
ATAL-1080	IW - FS Inspection and Fire Certificate	57	23-Aug-23	31-Oct-23	23-Aug-23	31-Oct-23	0	IW - FS Inspection and Fire Certificate																																																		
ATAL-1100	IW - T&C - Early Commissioning (100,000 m3/d) (KD3)	104	01-Nov-23	11-Mar-24	01-Nov-23	11-Mar-24	0	IW - T&C - Early Commissioning (100,000 m3/d) (KD3)																																																		
IW-995	KD3 (11-Mar-24)	0		11-Mar-24*		11-Mar-24	0	KD3 (11-Mar-24)																																																		
CLP Substations No. 1 & 2								1168	01-Jun-21 A	24-May-25	30-Oct-21	07-Nov-26	432																																													
CLP-0900	Complete Temporary (Non-MIC) Administration Building	0		22-Jul-21 A		01-Dec-21		Complete Temporary (Non-MIC) Administration Building																																																		
CLP-1000	Demolition Changing Room (27)	14	30-Sep-21 A	23-Oct-21 A	01-Dec-21	01-Dec-21		Demolition Changing Room (27)																																																		
CLP-1240	Demolition Carpark (28)	14	30-Oct-21	15-Nov-21	15-Nov-21	30-Nov-21	13	Demolition Carpark (28)																																																		
Submissions								69	01-Jun-21 A	03-Sep-21 A	30-Oct-21	04-Nov-21																																														
CLP-1180	Raft & Structural Design Submission	25	01-Jun-21 A	30-Jun-21 A	30-Oct-21	30-Oct-21		Raft & Structural Design Submission																																																		
CLP-1190	GEO Review and Approval	44	02-Jul-21 A	03-Sep-21 A	04-Nov-21	04-Nov-21		GEO Review and Approval																																																		
Foundation								149	16-Jul-21 A	12-Jan-22	30-Oct-21	12-Jan-22	0																																													
CLP-1210	Predrilling Works	24	16-Jul-21 A	03-Nov-21	30-Oct-21	03-Nov-21	0	Predrilling Works																																																		
CLP-1200	Raft Foundation	57	04-Nov-21	12-Jan-22	04-Nov-21	12-Jan-22	0	Raft Foundation																																																		



- █ 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 12 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																							
								2022	2023	2024	2025	2026	2027	2028																	
CLP Substation No. 1		211	01-Dec-21	23-Aug-22	01-Dec-21	06-Oct-22	35	[Gantt Chart for CLP Substation No. 1]																							
CLP-1010	CLP Substation No.1 - Structure	78	01-Dec-21	11-Mar-22	01-Dec-21	11-Mar-22	0	[Gantt Chart for CLP-1010]																							
CLP-1040	CLP Substation No.1 - BS and ABWF Works	48	07-Mar-22	06-May-22	21-Apr-22	18-Jun-22	35	[Gantt Chart for CLP-1040]																							
CLP-1070	CLP Substation No.1 - CLP Installation	90	07-May-22	23-Aug-22	20-Jun-22	06-Oct-22	35	[Gantt Chart for CLP-1070]																							
CLP-1090	CLP Substation No.1 - Energization	0		23-Aug-22		06-Oct-22	35	[Gantt Chart for CLP-1090]																							
CLP Substation No. 2		216	08-Jan-22	06-Oct-22	08-Jan-22	06-Oct-22	0	[Gantt Chart for CLP Substation No. 2]																							
CLP-1020	CLP Substation No.2 - Structure	78	08-Jan-22	20-Apr-22	08-Jan-22	20-Apr-22	0	[Gantt Chart for CLP-1020]																							
CLP-1050	CLP Substation No.2 - BS and ABWF Works	48	21-Apr-22	18-Jun-22	21-Apr-22	18-Jun-22	0	[Gantt Chart for CLP-1050]																							
CLP-1080	CLP Substation No.2 - CLP Installation	90	20-Jun-22	06-Oct-22	20-Jun-22	06-Oct-22	0	[Gantt Chart for CLP-1080]																							
CLP-1100	CLP Substation No.2 - Energization	0		06-Oct-22		06-Oct-22	0	[Gantt Chart for CLP-1100]																							
CLP-1140	Section 1 Completion - CLP Substation 1 & 2	0		06-Oct-22		06-Oct-22	0	[Gantt Chart for CLP-1140]																							
DSD 11kV Switchgear		982	13-Jan-22	24-May-25	06-May-22	20-Jun-26	316	[Gantt Chart for DSD 11kV Switchgear]																							
CLP-1030	DSD11KV Switchgear - Structure	78	13-Jan-22	25-Apr-22	06-May-22	08-Aug-22	86	[Gantt Chart for CLP-1030]																							
CLP-1060	DSD11KV Switchgear - BS and ABWF Works	48	20-Jun-22	15-Aug-22	09-Aug-22	06-Oct-22	42	[Gantt Chart for CLP-1060]																							
CLP-1110	DSD11KV Switchgear - Installation	78	07-Oct-22	09-Jan-23	19-Aug-23	21-Nov-23	254	[Gantt Chart for CLP-1110]																							
CLP-1220	DSD11KV Switchgear - Energization	14	10-Jan-23	01-Feb-23	22-Nov-23	07-Dec-23	254	[Gantt Chart for CLP-1220]																							
CLP-1230	Demolition of existing DSD11KV Switchgear (29)	45	27-Mar-25	24-May-25	27-Apr-26	20-Jun-26	316	[Gantt Chart for CLP-1230]																							
Walkway & Master Meter Room		365	03-Jan-24	01-Apr-25	06-Nov-25	07-Nov-26	472	[Gantt Chart for Walkway & Master Meter Room]																							
CLP-1130	Master Meter Room Structure, ABWF, BS & E&M	180	03-Jan-24	15-Aug-24	01-Apr-26	07-Nov-26	657	[Gantt Chart for CLP-1130]																							
CLP-1120	Walkway, Guard House and Education Corridor	180	22-Aug-24	01-Apr-25	06-Nov-25	20-Jun-26	356	[Gantt Chart for CLP-1120]																							
Primary Sedimentation Tank (PST)		1878	09-Nov-20 A	08-Nov-26	01-Nov-21	08-Nov-26	0	[Gantt Chart for Primary Sedimentation Tank (PST)]																							
PST Stage 1 of Works		1045	09-Nov-20 A	11-Mar-24	01-Nov-21	24-Jun-24	90	[Gantt Chart for PST Stage 1 of Works]																							
PST-1000	Preparation	44	09-Nov-20 A	31-Dec-20 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1000]																							
PST-1010	UU Detection	3	22-Feb-21 A	24-Feb-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1010]																							
PST-1020	Method Statement for Predrilling	1	25-Feb-21 A	25-Feb-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1020]																							
PST-1030	Setting out of Drill Holes	2	26-Feb-21 A	27-Feb-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1030]																							
PST-1040	UU Report	1	01-Mar-21 A	01-Mar-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1040]																							
PST-1050	Site Clearance	6	02-Mar-21 A	08-Mar-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1050]																							
PST Stage 1 - GI - Proposed Predrilling for Piling Works		144	10-May-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST Stage 1 - GI - Proposed Predrilling for Piling Works]																							
Predrilling at Existing PST 8 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)		144	10-May-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for Predrilling at Existing PST 8]																							
PST-1090	PD9	14	10-May-21 A	22-May-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1090]																							
PST-1080	PD6	14	26-May-21 A	02-Jun-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1080]																							
PST-1110	PD12	14	14-Jul-21 A	29-Jul-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1110]																							
PST-1060	PD4	14	16-Jul-21 A	31-Jul-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1060]																							
PST-1070	PD7	14	02-Aug-21 A	17-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1070]																							
PST-1150	PD13 (w obstruction) after demolition of PST 7	14	04-Aug-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1150]																							
PST-1160	PD14 (w obstruction) after demolition of PST 7	14	04-Aug-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1160]																							
Predrilling at Existing PST 7 (including Trial Pit Excavation, Level Checking, Core Inspection, SPT)		107	11-May-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for Predrilling at Existing PST 7]																							
PST-1190	PD8	49	11-May-21 A	09-Jul-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1190]																							
PST-1140	PD2	14	02-Aug-21 A	17-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1140]																							
PST-1200	PD10 (w obstruction) after demolition of PST 8	14	04-Aug-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1200]																							
PST-1130	PD11 (w obstruction)	14	04-Aug-21 A	19-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1130]																							
PST Stage 1 - Foundation (At First 3 Tanks, PST 7-8 Footprint)		314	24-Aug-21 A	31-Aug-22	01-Nov-21	07-Sep-22	6	[Gantt Chart for PST Stage 1 - Foundation]																							
PST-1175	PST Stage 1 - Site set-up of piling rigs	12	24-Aug-21 A	27-Aug-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1175]																							
PST-1180	PST Stage 1 - Driven H-piles (88 nos. @ ave. 1.5no/d/rig) include site setup	41	28-Aug-21 A	30-Oct-21 A	02-Dec-21	02-Dec-21		[Gantt Chart for PST-1180]																							
PST-1230	PST - Marine Sediments Treatment and Disposal	70	30-Oct-21	22-Jan-22	17-Jun-22	07-Sep-22	181	[Gantt Chart for PST-1230]																							
PST-1210	PST Stage 1 - H-pile Testing	21	30-Oct-21	23-Nov-21	02-Dec-21	28-Dec-21	28	[Gantt Chart for PST-1210]																							
NMM-2021	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21*	31-Mar-22	01-Nov-21	31-Mar-22	0	[Gantt Chart for NMM-2021]																							
PST-1170	PST Stage 1 - Sheetpiling (1,561 m2 at 90m2/day)	30	10-Nov-21	14-Dec-21	10-Nov-21	14-Dec-21	0	[Gantt Chart for PST-1170]																							
PST-1211	PST Stage 1 - Monitoring Installation and Pumping Test	21	20-Nov-21	14-Dec-21	02-Dec-21	28-Dec-21	10	[Gantt Chart for PST-1211]																							
PST-3020	PST Stage 1 - Submit to GEO (28d)	28	22-Nov-21	23-Dec-21	27-Jan-22	07-Mar-22	54	[Gantt Chart for PST-3020]																							
PST-1220	PST Stage 1 - Excavation (+5.8 to +3.8mPD)	21	09-Dec-21	05-Jan-22	09-Dec-21	05-Jan-22	0	[Gantt Chart for PST-1220]																							
PST-1240	PST Stage 1 - Strut Installation S1 (+3.8mPD)	18	29-Dec-21	19-Jan-22	18-Jan-22	14-Feb-22	16	[Gantt Chart for PST-1240]																							
PST-1250	PST Stage 1 - Excavation (+3.8 to +1.3mPD)	29	29-Dec-21	08-Feb-22	29-Dec-21	08-Feb-22	0	[Gantt Chart for PST-1250]																							
PST-1260	PST Stage 1 - Strut Installation S2 (+1.3mPD)	18	26-Jan-22	22-Feb-22	15-Feb-22	07-Mar-22	11	[Gantt Chart for PST-1260]																							
PST-1270	PST Stage 1 - Excavation (+1.3 to -1.05mPD)	28	07-Feb-22	10-Mar-22	07-Feb-22	10-Mar-22	0	[Gantt Chart for PST-1270]																							
EBS-2022	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	[Gantt Chart for EBS-2022]																							
PST Stage 1 - Structure (At First 3 Tanks, PST 7-8 Footprint)		164	08-Mar-22	24-Sep-22	08-Mar-22	24-Sep-22	0	[Gantt Chart for PST Stage 1 - Structure]																							
PST-1280	3-Tank Structure from +0.0 mPD to +3.0 mPD	26	08-Mar-22	07-Apr-22	08-Mar-22	07-Apr-22	0	[Gantt Chart for PST-1280]																							
PST-1290	3-Tank Structure from +3.0 mPD to +6.0 mPD	25	04-Apr-22	07-May-22	04-Apr-22	07-May-22	0	[Gantt Chart for PST-1290]																							
PST-1300	3-Tank Structure from +6.0 mPD to +9.0 mPD	25	10-May-22	08-Jun-22	10-May-22	08-Jun-22	0	[Gantt Chart for PST-1300]																							
PST-1310	3-Tank Structure from +9.0 mPD to +11.80 mPD	25	09-Jun-22	08-Jul-22	09-Jun-22	08-Jul-22	0	[Gantt Chart for PST-1310]																							
PST-1320	3-Tank Structure from +11.80 mPD to +15.0 mPD Lift 1 (3.2m)	26	09-Jul-22	08-Aug-22	09-Jul-22	08-Aug-22	0	[Gantt Chart for PST-1320]																							
PST-1330	3-Tank Structure to Roof from +15.0 mPD to +18.30 mPD Lift 2 (3.3m)	26	09-Aug-22	07-Sep-22	09-Aug-22	07-Sep-22	0	[Gantt Chart for PST-1330]																							
PST-1340	Water Retaining Test for New PST Tank No. 1	14	31-Aug-22	16-Sep-22	31-Aug-22	16-Sep-22	0	[Gantt Chart for PST-1340]																							
PST-1350	Water Retaining Test for New PST Tank No. 3	14	31-Aug-22	16-Sep-22	31-Aug-22	16-Sep-22	0	[Gantt Chart for PST-1350]																							
PST-1360	Water Retaining Test for New PST Tank No. 2	14	08-Sep-22	24-Sep-22	08-Sep-22	24-Sep-22	0	[Gantt Chart for PST-1360]																							
PST Stage 1 - ABWF & BS Works		300	26-Sep-22	04-Oct-23	16-Jun-23	24-Jun-24	209	[Gantt Chart for PST Stage 1 - ABWF & BS Works]																							
PST-1370	PST - BS and ABWF Works at 3 Tanks	300	26-Sep-22	04-Oct-23	16-Jun-23	24-Jun-24	209	[Gantt Chart for PST-1370]																							
PST Stage 1 - E&M Installation Works at New PST 1,2,3		226	26-Sep-22	07-Jul-23	26-Sep-22	05-Oct-23	75	[Gantt Chart for PST Stage 1 - E&M Installation Works]																							
ATLPST-3000	PST Stage 1 - Bottom Scraper / Scum Collection System	146	26-Sep-22	27-Mar-23	26-Sep-22	27-Mar-23	0	[Gantt Chart for ATLPST-3000]																							
ATLPST-3010	PST Stage 1 - Lamella / Sludge & Scum Pump / DOU System	146	26-Sep-22	27-Mar-23	26-Sep-22	27-Mar-23	0	[Gantt Chart for ATLPST-3010]																							
ATLPST-3020	PST Stage 1 - Lifting Appliance	146	26-Sep-22	27-Mar-23	26-Sep-22	27-Mar-23	0	[Gantt Chart for ATLPST-3020]																							
ATLPST-3030	PST Stage 1 - Penstock / Stoplogs	146	26-Sep-22	27-Mar-23	26-Sep-22	27-Mar-23	0	[Gantt Chart for ATLPST-3030]																							
ATLPST-0000	PST Stage 1 - E&M Handover	0	26-Sep-22	26-Sep-22	26-Sep-22	26-Sep-22	0	[Gantt Chart for ATLPST-0000]																							



■ 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 13 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023				2024				2025				2026				2027				2028					
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
SDB GI - Pre-drilling Works								87	02-Feb-24	13-May-24	16-Feb-24	13-May-24	0																																
SDB-1220	Access Date	0	02-Feb-24		16-Feb-24		14	Access Date																																					
SDB-1100	Demolition of Existing PST 1 & 3	20	12-Mar-24	08-Apr-24	12-Mar-24	08-Apr-24	0	Demolition of Existing PST 1 & 3																																					
SDB-1320	Demolition of Existing PST 2 & 4	20	02-Apr-24	25-Apr-24	02-Apr-24	25-Apr-24	0	Demolition of Existing PST 2 & 4																																					
SDB At PST 1,3 Footprint								75	02-Feb-24	11-May-24	16-Feb-24	13-May-24	1																																
SDB-1010	PD10	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD10																																					
SDB-1020	PD19	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD19																																					
SDB-1030	PD22	14	02-Feb-24	24-Feb-24	16-Feb-24	02-Mar-24	6	PD22																																					
SDB-1040	PD20	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD20																																					
SDB-1050	PD12	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD12																																					
SDB-1060	PD23	14	26-Feb-24	12-Mar-24	04-Mar-24	19-Mar-24	6	PD23																																					
SDB-1070	PD15	14	13-Mar-24	28-Mar-24	26-Apr-24	13-May-24	34	PD15																																					
SDB-1080	PD21	14	13-Mar-24	28-Mar-24	26-Apr-24	13-May-24	34	PD21																																					
SDB-1090	PD24	14	13-Mar-24	28-Mar-24	20-Mar-24	09-Apr-24	6	PD24																																					
SDB-1110	PD11 w/ obstruction (PST1)	14	02-Apr-24	18-Apr-24	10-Apr-24	25-Apr-24	6	PD11 w/ obstruction (PST1)																																					
SDB-1140	PD16 w/ obstruction (PST1)	14	02-Apr-24	18-Apr-24	10-Apr-24	25-Apr-24	6	PD16 w/ obstruction (PST1)																																					
SDB-1120	PD13 w/ obstruction (PST3)	14	09-Apr-24	24-Apr-24	10-Apr-24	25-Apr-24	1	PD13 w/ obstruction (PST3)																																					
SDB-1130	PD14 w/ obstruction (PST3)	14	09-Apr-24	24-Apr-24	10-Apr-24	25-Apr-24	1	PD14 w/ obstruction (PST3)																																					
SDB-1150	PD17 w/ obstruction (PST3)	14	25-Apr-24	11-May-24	26-Apr-24	13-May-24	1	PD17 w/ obstruction (PST3)																																					
SDB-1160	PD18 w/ obstruction (PST3)	14	25-Apr-24	11-May-24	26-Apr-24	13-May-24	1	PD18 w/ obstruction (PST3)																																					
SDB At PST 2,4 Footprint								76	02-Feb-24	13-May-24	20-Mar-24	13-May-24	0																																
SDB-1230	PD1	14	02-Feb-24	24-Feb-24	10-Apr-24	25-Apr-24	48	PD1																																					
SDB-1240	PD3	14	02-Feb-24	24-Feb-24	20-Mar-24	09-Apr-24	34	PD3																																					
SDB-1250	PD6	14	02-Feb-24	24-Feb-24	10-Apr-24	25-Apr-24	48	PD6																																					
SDB-1290	PD7	14	26-Feb-24	12-Mar-24	26-Apr-24	13-May-24	48	PD7																																					
SDB-1260	PD8	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD8																																					
SDB-1300	PD9	14	26-Feb-24	12-Mar-24	10-Apr-24	25-Apr-24	34	PD9																																					
SDB-1350	PD4 w/ obstruction (PST4)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD4 w/ obstruction (PST4)																																					
SDB-1360	PD5 w/ obstruction (PST4)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD5 w/ obstruction (PST4)																																					
SDB-1370	PD2 w/ obstruction (PST2)	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	PD2 w/ obstruction (PST2)																																					
SDB Foundation - PST 1-4 Footprint								1027	01-Nov-21	10-Feb-25	01-Nov-21	10-Feb-25	0																																
MMM-2095	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																																					
EBS-2105	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	Egrets Breeding Season 2022																																					
MMM-2022	PS 1.105A Noise Mitigation Measures 2022-2023	151	01-Nov-22	31-Mar-23	01-Nov-22	31-Mar-23	0	PS 1.105A Noise Mitigation Measures 2022-2023																																					
EBS-2023	Egrets Breeding Season 2023	184	01-Mar-23	31-Aug-23	23-Mar-23	22-Sep-23	22	Egrets Breeding Season 2023																																					
MMM-2023	PS 1.105A Noise Mitigation Measures 2023-2024	152	01-Nov-23*	31-Mar-24	01-Nov-23	31-Mar-24	0	PS 1.105A Noise Mitigation Measures 2023-2024																																					
EBS-2024	Egrets Breeding Season 2024	184	01-Mar-24*	31-Aug-24	01-Mar-24	31-Aug-24	0	Egrets Breeding Season 2024																																					
SDB-1190	SDB - Sheetpiles (4,720m2)	45	14-May-24	08-Jul-24	17-Jul-24	06-Sep-24	52	SDB - Sheetpiles (4,720m2)																																					
SDB-1170	SDB - Driven H-piles (359 nos @1.5no/d/rig, 2rigs)	120	14-May-24	05-Oct-24	14-May-24	05-Oct-24	0	SDB - Driven H-piles (359 nos @1.5no/d/rig, 2rigs)																																					
SDB-1610	SDB - Monitoring Installation and Pumping Test	21	19-Sep-24	15-Oct-24	19-Sep-24	15-Oct-24	0	SDB - Monitoring Installation and Pumping Test																																					
SDB-1180	SDB - H-piles Testing	14	27-Sep-24	15-Oct-24	27-Sep-24	15-Oct-24	0	SDB - H-piles Testing																																					
SDB-1200	SDB - Excavation (+6.0 to +4.5mPD)	24	16-Oct-24	12-Nov-24	16-Oct-24	12-Nov-24	0	SDB - Excavation (+6.0 to +4.5mPD)																																					
SDB-1210	SDB - Marine Sediments Treatment and Disposal	83	16-Oct-24	23-Jan-25	28-Oct-24	10-Feb-25	10	SDB - Marine Sediments Treatment and Disposal																																					
SDB-1620	SDB - Submit to GEO (28d)	28	16-Oct-24	16-Nov-24	03-Jan-25	10-Feb-25	65	SDB - Submit to GEO (28d)																																					
SDB-1270	SDB - Strut Installation S1 (+4.5mPD)	16	13-Nov-24	30-Nov-24	07-Dec-24	27-Dec-24	21	SDB - Strut Installation S1 (+4.5mPD)																																					
SDB-1280	SDB - Excavation (+4.5 to +1.5mPD)	23	13-Nov-24	09-Dec-24	13-Nov-24	09-Dec-24	0	SDB - Excavation (+4.5 to +1.5mPD)																																					
SDB-1330	SDB - Strut Installation S2 (+1.5mPD)	16	10-Dec-24	30-Dec-24	28-Dec-24	16-Jan-25	14	SDB - Strut Installation S2 (+1.5mPD)																																					
SDB-1340	SDB - Excavation (+1.5 to -1.5mPD)	23	10-Dec-24	08-Jan-25	10-Dec-24	08-Jan-25	0	SDB - Excavation (+1.5 to -1.5mPD)																																					
SDB-1390	SDB - Strut Installation S3 (-1.5mPD)	16	09-Jan-25	27-Jan-25	17-Jan-25	10-Feb-25	7	SDB - Strut Installation S3 (-1.5mPD)																																					
SDB-1400	SDB - Excavation (-1.5 to -3.75mPD)	23	09-Jan-25	10-Feb-25	09-Jan-25	10-Feb-25	0	SDB - Excavation (-1.5 to -3.75mPD)																																					
SDB Structure								127	11-Feb-25	08-Jul-25	11-Feb-25	08-Jul-25	0																																
SDB-1510	SDB - Structure to G/F (-3.75 to -2.2mPD)	14	11-Feb-25	26-Feb-25	11-Feb-25	26-Feb-25	0	SDB - Structure to G/F (-3.75 to -2.2mPD)																																					
SDB-1530	SDB - Structure to G/F (-2.2 to 0.0mPD)	14	27-Feb-25	14-Mar-25	27-Feb-25	14-Mar-25	0	SDB - Structure to G/F (-2.2 to 0.0mPD)																																					
SDB-1540	SDB - Structure to G/F (0 to +3.0mPD)	14	15-Mar-25	31-Mar-25	15-Mar-25	31-Mar-25	0	SDB - Structure to G/F (0 to +3.0mPD)																																					
SDB-1550	SDB - Structure to G/F (+3.0 to +6.0mPD)	14	01-Apr-25	17-Apr-25	01-Apr-25	17-Apr-25	0	SDB - Structure to G/F (+3.0 to +6.0mPD)																																					
SDB-1560	SDB - G/F to Roof (+6.0 to 9.0mPD)	15	22-Apr-25	10-May-25	22-Apr-25	10-May-25	0	SDB - G/F to Roof (+6.0 to 9.0mPD)																																					
SDB-1570	SDB - G/F to Roof (+9.0 to 12.0mPD)	16	12-May-25	29-May-25	12-May-25	29-May-25	0	SDB - G/F to Roof (+9.0 to 12.0mPD)																																					
SDB-1580	SDB - G/F to Roof (+12.0 to 15.0mPD)	16	30-May-25	18-Jun-25	30-May-25	18-Jun-25	0	SDB - G/F to Roof (+12.0 to 15.0mPD)																																					
SDB-1590	SDB - G/F to Roof (+15.0 to 18.3mPD)	16	19-Jun-25	08-Jul-25	19-Jun-25	08-Jul-25	0	SDB - G/F to Roof (+15.0 to 18.3mPD)																																					
SDB-1600	KD8 (08-Jul-25)	0		08-Jul-25*		08-Jul-25	0	KD8 (08-Jul-25)																																					
SDB ABWF Works								119	11-Feb-25	08-Jul-25	11-Feb-25	08-Jul-25	0																																
SDB-1520	SDB - BS & ABWF Works	119	11-Feb-25	08-Jul-25	11-Feb-25	08-Jul-25	0	SDB - BS & ABWF Works																																					
External Works -Sludge Dewatering and Administration Buildings Perimeter								338	07-Jun-25	29-Jul-26	15-Sep-25	07-Nov-26	84																																
EW-1110	SDB/ADB Perimeter - Drainage/Sewer/Watermain/Utility Installation	180	07-Jun-25	10-Jan-26	15-Sep-25	29-Apr-26	84	SDB/ADB Perimeter - Drainage/Sewer/Watermain/Utility Installation																																					
EW-1130	SDB/ADB Perimeter - Road Works	158	12-Jan-26	29-Jul-26	30-Apr-26	07-Nov-26	84	SDB/ADB Perimeter - Road Works																																					
Underpass								177	07-Sep-24	01-Apr-25	07-Sep-24	08-Jul-25	84																																
UDP Foundation and ELS Works								85	07-Sep-24	14-Dec-24	07-Sep-24	22-Mar-25	84																																
UDP-1000	UDP - Sheet Pile Wall	36	07-Sep-24	22-Oct-24	07-Sep-24	22-Oct-24	0	UDP - Sheet Pile Wall																																					
UDP-1090	UDP - Monitoring Installation and Pumping Test	21	07-Oct-24	31-Oct-24	08-Jan-25	06-Feb-25	76	UDP - Monitoring Installation and Pumping Test																																					
UDP-1010	UDP - Driven H-pile (8 nos @ave.1.5no/d/rig)	8	23-Oct-24	31-Oct-24	23-Oct-24	31-Oct-24	0	UDP - Driven H-pile (8 nos @ave.1.5no/d/rig)																																					
UDP-1020	UDP - Excavation (+6.0 to 4.5mPD)	12	01-Nov-24	14-Nov-24	07-Feb-25	20-Feb-25	76	UDP - Excavation (+6.0 to 4.5mPD)																																					
UDP-1030	UDP - Strut Installation S1 (+4.5mPD)	8	15-Nov-24	23-Nov-24	05-Mar-25	13-Mar-25	86	UDP - Strut Installation S1 (+4.5mPD)																																					
UDP-1040	UDP - Excavation (+4.5 to +1.5mPD)	14	15-Nov-24	30-Nov-24	21-Feb-25	08-Mar-25	76	UDP - Excavation (+4.5 to +1.5mPD)																																					
UDP-1050	UDP - Strut Installation S2 (+1.5mPD)	8	02-Dec-24	10-Dec-24	14-Mar-25	22-Mar-25	80	UDP - Strut Installation S2 (+1.5mPD)																																					
UDP-1060	UDP - Excavation (+1.5 to -0.5mPD)	12	02-Dec-24	14-Dec-24	10-Mar-25	22-Mar-25	76	UDP - Excavation (+1.5 to -0.5mPD)																																					



- 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

Project ID : DWP.DPR7_211030
 Layout : DC201912 DWP rev.7
 Page 15 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																											
								2022				2023				2024				2025				2026				2027				2028			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
Z2A-1040	Divert Sewage Flow to PST 5.6 (PST 1-4 standby)	1	09-Jul-21 A	09-Jul-21 A	30-Oct-21	30-Oct-21		Divert Sewage Flow to PST 5.6 (PST 1-4 standby)																											
Z2A-1050	Sheetpile Installation	10	30-Sep-21 A	30-Oct-21	30-Oct-21	30-Oct-21	0	Sheetpile Installation																											
Z2A-1060	Excavation to 1st Layer of Strut	2	01-Nov-21	02-Nov-21	01-Nov-21	02-Nov-21	0	Excavation to 1st Layer of Strut																											
Z2A-1070	Strut and Waling Installation	7	03-Nov-21	10-Nov-21	03-Nov-21	10-Nov-21	0	Strut and Waling Installation																											
Z2A-1080	Excavation to Formation Level	5	10-Nov-21	15-Nov-21	10-Nov-21	15-Nov-21	0	Excavation to Formation Level																											
Z2A-1090	Manhole Base Slab	5	15-Nov-21	19-Nov-21	15-Nov-21	19-Nov-21	0	Manhole Base Slab																											
Z2A-1100	Pipe Installation (Manhole to Section before T-Joint Connection)	4	19-Nov-21	23-Nov-21	19-Nov-21	23-Nov-21	0	Pipe Installation (Manhole to Section before T-Joint Connection)																											
Z2A-1110	Manhole Wall	5	23-Nov-21	27-Nov-21	23-Nov-21	27-Nov-21	0	Manhole Wall																											
Z2A-1120	Demolition of Existing DN1200 Pipe	2	27-Nov-21	29-Nov-21	27-Nov-21	29-Nov-21	0	Demolition of Existing DN1200 Pipe																											
Z2A-1130	Pipe Testing	3	29-Nov-21	01-Dec-21	29-Nov-21	01-Dec-21	0	Pipe Testing																											
Z2A-1140	1st Night Work (Demolition of Existing DN1000 pipe and joint the new pipeline)	1	01-Dec-21	01-Dec-21	01-Dec-21	01-Dec-21	0	1st Night Work (Demolition of Existing DN1000 pipe and joint the new pipeline)																											
Z2A-1150	Divert Sewage to PST 1-4	1	01-Dec-21	01-Dec-21	01-Dec-21	01-Dec-21	0	Divert Sewage to PST 1-4																											
Z2A-1160	Backfill Pipeline to Ground Level	6	01-Dec-21	07-Dec-21	01-Dec-21	07-Dec-21	0	Backfill Pipeline to Ground Level																											
Z2A-1170	Complete Zone 2A Temporary Diversion	0		07-Dec-21		07-Dec-21	0	Complete Zone 2A Temporary Diversion																											
Zone 2B : FST, Temporary RAS to Aeration Tanks		894	13-May-21 A	30-May-24	30-Oct-21	16-Jul-24	38																												
Z2D-1110	Procurement of Equipment (Civil and E&M)	90	13-May-21 A	30-Oct-21	01-Nov-21	01-Nov-21	1	Procurement of Equipment (Civil and E&M)																											
Z2D-1100	Submit/Approve Method Statement for ELS	52	01-Jun-21 A	17-Jun-21 A	30-Oct-21	30-Oct-21		Submit/Approve Method Statement for ELS																											
Z2D-4300	Submit/Approve Design for Temp. RAS Pumping Station, Diversion Chamber, and Wash Water Pumping Station	56	01-Jun-21 A	30-Oct-21	30-Oct-21	30-Oct-21	0	Submit/Approve Design for Temp. RAS Pumping Station, Diversion Chamber, and Wash Water Pumping Station																											
Temporary Settled Sewage Diversion Chamber		28	02-Sep-21 A	04-Nov-21	30-Oct-21	04-Nov-21	0																												
Z2D-2000	Stage 1 - ELS Installation and Pipe Laying up to Temporary Gate Valve	18	02-Sep-21 A	01-Nov-21	30-Oct-21	01-Nov-21	0	Stage 1 - ELS Installation and Pipe Laying up to Temporary Gate Valve																											
Z2D-2010	Stage 2 - Cut Pipe Connection in Chamber	6	24-Sep-21 A	02-Nov-21	02-Nov-21	02-Nov-21	0	Stage 2 - Cut Pipe Connection in Chamber																											
Z2D-2020	Stage 3 - Night Work for T-Junction Installation with Gate Valve	1	03-Nov-21	03-Nov-21	03-Nov-21	03-Nov-21	0	Stage 3 - Night Work for T-Junction Installation with Gate Valve																											
Z2D-2030	Stage 3 - Day operation for Plug Pipe for Diversion, Temp Diversion from PST to AT	1	04-Nov-21	04-Nov-21	04-Nov-21	04-Nov-21	0	Stage 3 - Day operation for Plug Pipe for Diversion, Temp Diversion from PST to AT																											
Temporary Wash Water Pumping Station, RAS Pumping Station, RAS Diversion Chamber		740	04-Oct-21 A	13-May-24	30-Oct-21	16-Jul-24	52																												
Z2A-1190	Completion of Overhaul FST	0		04-Oct-21 A		30-Oct-21	0	Completion of Overhaul FST																											
Z2D-2090	Stage 1.2b - Construct Extension Chamber to JC "F"	11	30-Oct-21	11-Nov-21	30-Oct-21	11-Nov-21	0	Stage 1.2b - Construct Extension Chamber to JC "F"																											
Z2D-4360	Stage 1.2d - ELS for Temp. RAS Pumping Station	10	30-Oct-21	10-Nov-21	01-Nov-21	11-Nov-21	1	Stage 1.2d - ELS for Temp. RAS Pumping Station																											
Z2D-2050	Stage 1.2a - Construction of Temp. RAS Pumping Station	22	01-Nov-21	25-Nov-21	01-Nov-21	25-Nov-21	0	Stage 1.2a - Construction of Temp. RAS Pumping Station																											
ATALZ2D-1150	Stage 1.2e - Temp RASPS / RAS diversion chamber E&M Installation	20	02-Nov-21	24-Nov-21	02-Nov-21	24-Nov-21	0	Stage 1.2e - Temp RASPS / RAS diversion chamber E&M Installation																											
ATALZ2D-1160	Stage 1.2f - Temp Settled Sewage receiving chamber E&M Installation (to be deleted)	20	02-Nov-21	24-Nov-21	02-Nov-21	24-Nov-21	0	Stage 1.2f - Temp Settled Sewage receiving chamber E&M Installation (to be deleted)																											
Z2D-2040	Stage 1.2c - Construction of Temp. Wash Water Pumping Station	25	02-Nov-21	30-Nov-21	02-Nov-21	30-Nov-21	0	Stage 1.2c - Construction of Temp. Wash Water Pumping Station																											
Z2D-2060	Stage 1.2d - Construction of Temp. RAS Diversion Chamber	25	02-Nov-21	30-Nov-21	02-Nov-21	30-Nov-21	0	Stage 1.2d - Construction of Temp. RAS Diversion Chamber																											
Z2D-2045	Stage 1.5 - Lay Pipework from Temp. Wash Water PS for Connection to Existing Pipework	15	12-Nov-21	29-Nov-21	12-Nov-21	29-Nov-21	0	Stage 1.5 - Lay Pipework from Temp. Wash Water PS for Connection to Existing Pipework																											
Z2D-2070	Stage 1.3 - Laying of Temp. Sludge Pipework to Aeration Tank Inlet	14	13-Nov-21	29-Nov-21	13-Nov-21	29-Nov-21	0	Stage 1.3 - Laying of Temp. Sludge Pipework to Aeration Tank Inlet																											
Z2D-2080	Stage 1.4 - Laying of Temp. Sludge Pipework to Temp. Plant Room for Thickener	14	13-Nov-21	29-Nov-21	13-Nov-21	29-Nov-21	0	Stage 1.4 - Laying of Temp. Sludge Pipework to Temp. Plant Room for Thickener																											
ATALZ2D-1170	Stage 2.2c - Temp RASPS / RAS Diversion chamber / SS Receiving Chamber/ Temp WWPS T&C	12	16-Nov-21	29-Nov-21	16-Nov-21	29-Nov-21	0	Stage 2.2c - Temp RASPS / RAS Diversion chamber / SS Receiving Chamber/ Temp WWPS T&C																											
Z2D-2100	Stage 2.1 - Break Wall for Connection to Temporary RAS	3	30-Nov-21	02-Dec-21	30-Nov-21	02-Dec-21	0	Stage 2.1 - Break Wall for Connection to Temporary RAS																											
Z2D-4320	Stage 1.1 - Decommissioning of Existing RAS	8	03-Dec-21	11-Dec-21	03-Dec-21	11-Dec-21	0	Stage 1.1 - Decommissioning of Existing RAS																											
Z2D-2110	Stage 2.2a - Switch Over to Temp. RAS System	5	13-Dec-21	17-Dec-21	13-Dec-21	17-Dec-21	0	Stage 2.2a - Switch Over to Temp. RAS System																											
Z2D-2120	Stage 2.2b - Plug Off Abandoned Pipe Work	2	18-Dec-21	20-Dec-21	18-Dec-21	20-Dec-21	0	Stage 2.2b - Plug Off Abandoned Pipe Work																											
Z2D-4330	Stage 3.1 - Temporary Pumping between Detritors and New PST while IW is still in progress	9	01-Mar-24	11-Mar-24	01-Mar-24	11-Mar-24	0	Stage 3.1 - Temporary Pumping between Detritors and New PST while IW is still in progress																											
Z2D-4340	Stage 3.2 - Temporary Routing btw new PST and existing Aeration Tank (PST No. 4 Demolition)	14	26-Apr-24	13-May-24	29-Jun-24	16-Jul-24	52	Stage 3.2 - Temporary Routing btw new PST and existing Aeration Tank (PST No. 4 Demolition)																											
Z2D-4350	Stage 3.3 - Alternate Route to switch back to PST 1-4 if new PST is not yet fully operational	14	26-Apr-24	13-May-24	29-Jun-24	16-Jul-24	52	Stage 3.3 - Alternate Route to switch back to PST 1-4 if new PST is not yet fully operational																											
FST Tank Nos. 5-8 Diversion		26	21-Dec-21	22-Jan-22	21-Dec-21	22-Jan-22	0																												
Z2D-2200	Isolation for Diversion	26	21-Dec-21	22-Jan-22	21-Dec-21	22-Jan-22	0	Isolation for Diversion																											
Z2A-1180	Complete Zone 2B Temporary Diversion	0		22-Jan-22		22-Jan-22	0	Complete Zone 2B Temporary Diversion																											
Modification Works for Auxiliary Pumping Station		76	30-Oct-21	29-Jan-22	30-Oct-21	29-Jan-22	0																												
Z2D-1050	Modification Works for Auxiliary Pumping Station (22)	76	30-Oct-21	29-Jan-22	30-Oct-21	29-Jan-22	0	Modification Works for Auxiliary Pumping Station (22)																											
Temporary Sewage Routing		90	01-Feb-24	30-May-24	02-Feb-24	30-May-24	0																												
Z2D-2140	Early Commissioning PST Stage 1	0		01-Feb-24		11-Mar-24	27	Early Commissioning PST Stage 1																											
Z2D-2130	Stage 6 - Temporary Pumping between Detritors and New PST while IW is In-Progress	27	02-Feb-24	11-Mar-24	02-Feb-24	11-Mar-24	0	Stage 6 - Temporary Pumping between Detritors and New PST while IW is In-Progress																											
Z2D-2150	Inlet Works T&C Complete	0		11-Mar-24		11-Mar-24	0	Inlet Works T&C Complete																											
Z2D-2160	Demolition of PST4	0		25-Apr-24		25-Apr-24	0	Demolition of PST4																											
Z2D-2170	Stage 6 - Temporary Routing Between New PST and Existing Aeration Tank	14	26-Apr-24	13-May-24	26-Apr-24	13-May-24	0	Stage 6 - Temporary Routing Between New PST and Existing Aeration Tank																											
Z2D-2180	Stage 6 - Alternate Route to Switch Back to PST 1-4 (contingency for PST1-4 not fully operated)	14	14-May-24	30-May-24	14-May-24	30-May-24	0	Stage 6 - Alternate Route to Switch Back to PST 1-4 (contingency for PST1-4 not fully operated)																											
Demolition Works		392	01-Jun-21 A	31-Aug-22	01-Nov-21	31-Aug-22	0																												
NMM-2115	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																											
EBS-2125	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	Egrets Breeding Season 2022																											
Sheetpile Installation		207	01-Jun-21 A	12-Feb-22	17-Nov-21	02-Mar-22	15																												
Z2D-4290	Submit/Approve Design for Sheetpiles	55	01-Jun-21 A	03-Nov-21	17-Nov-21	20-Nov-21	15	Submit/Approve Design for Sheetpiles																											
Z2D-4310	Procurement and Delivery of Sheetpiles	21	04-Sep-21 A	04-Nov-21	29-Nov-21	29-Nov-21	21	Procurement and Delivery of Sheetpiles																											
Z2D-4280	Submit/Approve Method Statement for Sheetpiling Works	15	11-Sep-21 A	04-Nov-21	29-Nov-21	29-Nov-21	21	Submit/Approve Method Statement for Sheetpiling Works																											
MBR-1010	MBR Stage 1 - Sheet Piles Install (approx. 391m, 9,390m ² @ 120m ² /d)	78	04-Nov-21	12-Feb-22	22-Nov-21	02-Mar-22	15	MBR Stage 1 - Sheet Piles Install (approx. 391m, 9,390m ² @ 120m ² /d)																											
Z2D-4270	Completion Temporary Diversion	0		22-Jan-22*		29-Jan-22	6	Completion Temporary Diversion																											
Aeration Tanks		55	22-Jan-22	02-Apr-22	16-Feb-22	26-Apr-22	16																												
Z2T-150	Demolition of Existing Aeration Tank No. 5, 6, 7 & 8	55	22-Jan-22	02-Apr-22	16-Feb-22	25-Apr-22	15	Demolition of Existing Aeration Tank No. 5, 6, 7 & 8																											
Z2T-152	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33)	47	22-Jan-22	24-Mar-22	26-Feb-22	26-Apr-22	24	Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33)																											
Z2T-154	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32)	24	25-Feb-22	24-Mar-22	25-Mar-22	26-Apr-22	24	Demolition of Flow Measurement Chamber (34) & SSD Chamber (32)																											
Z2T-154B	Demolition of Settled Sewage Overflow Chamber (31)	24	25-Feb-22	24-Mar-22	25-Mar-22	26-Apr-22	24	Demolition of Settled Sewage Overflow Chamber (31)																											
Z2T-150B	Demolition of Auxiliary Pumping Station (19)	24	07-Mar-22	02-Apr-22	24-Mar-22	25-Apr-22	15	Demolition of Auxiliary Pumping Station (19)																											
Final Sedimentation Tanks		120	25-Oct-21 A	29-Mar-22	17-Dec-21	29-Mar-22	0																												
Z2T-190	Demolition of Final Sedimentation Tank No.7-8 (6)	50	25-Oct-21 A	02-Dec-21	17-Dec-21	22-Jan-22	41	Demolition of Final Sedimentation Tank No.7-8 (6)																											
Z2T-180	Demolition of Final Sedimentation Tank No.5-6 (6 and 37)	50	24-Jan-22	29-Mar-22	24-Jan-22	29-Mar-22	0	Demolition of Final Sedimentation Tank No.5-6 (6 and 37)																											
Z2T-180B	Demolition of Washwater Pumping Station (18)	25	24-Jan-22	28-Feb-22	24-Jan-22	28-Feb-22	0	Demolition of Washwater Pumping Station (18)																											
Mainstream Bio-Reactor & Auxiliary Facility (MBR and AF)		1246	14-Feb-22	05-Feb-26	24-Mar-22	07-Nov-26	236																												



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

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

Detailed Works Programme

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 18 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																											
								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	
External Works - Mainstream Bio-Reactor System Perimeter																																			
EW-1000	MBR Perimeter - Drainage/Sewer/Watermain/Utility Installation	102	17-Apr-25	14-Nov-25	14-Apr-26	07-Nov-26	288	[Gantt bar for EW-1000]																											
EW-1010	MBR Perimeter - Process Pipe Installation	102	17-Apr-25	21-Aug-25	14-Apr-26	14-Aug-26	288	[Gantt bar for EW-1010]																											
EW-1030	MBR Perimeter - Road Works	70	22-Aug-25	14-Nov-25	15-Aug-26	07-Nov-26	288	[Gantt bar for EW-1030]																											
Tertriary Treatment System (TTS)																																			
Foundation and ELS																																			
NMM-2125	PS 1.105A Noise Mitigation Measures 2021-2022	151	01-Nov-21*	31-Mar-22	01-Nov-21	31-Mar-22	0	[Gantt bar for NMM-2125]																											
EBS-2135	Egrets Breeding Season 2022	184	01-Mar-22*	31-Aug-22	01-Mar-22	31-Aug-22	0	[Gantt bar for EBS-2135]																											
TTS-1000	TTS - Site Clearance	18	04-Apr-22	28-Apr-22	09-Jun-22	29-Jun-22	50	[Gantt bar for TTS-1000]																											
TTS-1010	TTS - Sheet Piles Install (4,639m ² @120m ² /d)	52	29-Apr-22	02-Jul-22	30-Jun-22	30-Aug-22	50	[Gantt bar for TTS-1010]																											
TTS-1230	TTS - Monitoring Installation and Pumping Test	21	08-Jun-22	02-Jul-22	06-Aug-22	30-Aug-22	50	[Gantt bar for TTS-1230]																											
TTS-1020	TTS - ELS Excavation (+5.0 to +3.5mPD)	25	04-Jul-22	01-Aug-22	31-Aug-22	29-Sep-22	50	[Gantt bar for TTS-1020]																											
TTS-1030	TTS - Strut Installation S1 (+4.5mPD)	14	02-Aug-22	17-Aug-22	28-Oct-22	12-Nov-22	72	[Gantt bar for TTS-1030]																											
TTS-1040	TTS - ELS Excavation (+3.5 to +0.5mPD)	25	02-Aug-22	30-Aug-22	30-Sep-22	31-Oct-22	50	[Gantt bar for TTS-1040]																											
TTS-1050	TTS - Strut Installation S2 (+1.5mPD)	14	31-Aug-22	16-Sep-22	14-Nov-22	29-Nov-22	61	[Gantt bar for TTS-1050]																											
TTS-1060	TTS - ELS Excavation (+0.5 to -2.4mPD)	25	31-Aug-22	29-Sep-22	01-Nov-22	29-Nov-22	50	[Gantt bar for TTS-1060]																											
TTS-1070	TTS - Box Raft Foundation (-2.4 to -0.80mPD)	30	30-Sep-22	05-Nov-22	30-Nov-22	06-Jan-23	50	[Gantt bar for TTS-1070]																											
Structure																																			
TTS-1080	TTS - Wall to G/F Slab (-0.8mPD to +2.7mPD)	60	07-Nov-22	18-Jan-23	07-Jan-23	24-Mar-23	50	[Gantt bar for TTS-1080]																											
TTS-1090	TTS - Wall to G/F Slab (+2.7mPD to +6.2mPD)	60	19-Jan-23	06-Apr-23	25-Mar-23	09-Jun-23	50	[Gantt bar for TTS-1090]																											
TTS-1100	TTS - Structure to Roof (+6.2mPD to +9.4mPD)	60	11-Apr-23	21-Jun-23	10-Jun-23	21-Aug-23	50	[Gantt bar for TTS-1100]																											
TTS-1110	TTS - Structure to Roof (+9.4mPD to +12.6mPD)	60	23-Jun-23	01-Sep-23	22-Aug-23	02-Nov-23	50	[Gantt bar for TTS-1110]																											
TTS-1120	TTS - Structure to Roof (+12.6mPD to +15.75mPD)	40	02-Sep-23	20-Oct-23	03-Nov-23	19-Dec-23	50	[Gantt bar for TTS-1120]																											
BS & ABWF Works																																			
TTS-1130	TTS - BS and ABWF Works	390	02-Sep-23	28-Dec-24	14-Oct-24	05-Feb-26	326	[Gantt bar for TTS-1130]																											
E&M Installation Works																																			
TTS-1140	TTS - Disc Filter System, UV Disinfection System, Effluent Pumping Station & DO System	148	21-Oct-23	26-Apr-24	20-Dec-23	27-Jun-24	50	[Gantt bar for TTS-1140]																											
TTS-1150	TTS - Penstocks & Stoplogs, Pipework, Valves & Accessories	148	21-Oct-23	26-Apr-24	20-Dec-23	27-Jun-24	50	[Gantt bar for TTS-1150]																											
TTS-1139	TTS - E&M Handover	0	21-Oct-23		20-Dec-23		50	[Gantt bar for TTS-1139]																											
TTS-1160	TTS - Instrumentation	48	27-Apr-24	25-Jun-24	28-Jun-24	23-Aug-24	50	[Gantt bar for TTS-1160]																											
TTS-1170	TTS - Electrical Works (Cabling / LCP, Termination)	124	26-Jun-24	21-Nov-24	24-Aug-24	22-Jan-25	50	[Gantt bar for TTS-1170]																											
TTS-1180	TTS - BS Installation (ELV, Ventilation, FS, PD)	124	26-Jun-24	21-Nov-24	24-Aug-24	22-Jan-25	50	[Gantt bar for TTS-1180]																											
TTS-1240	TTS - Plant Service Water System (PSW) Installation	30	18-Oct-24	21-Nov-24	25-Nov-25	31-Dec-25	326	[Gantt bar for TTS-1240]																											
TTS-1185	TTS - Installation, Set-Up & T&C for SCADA System	14	06-Nov-24	21-Nov-24	07-Jan-25	22-Jan-25	50	[Gantt bar for TTS-1185]																											
Testing and Commissioning (T&C) - KD4																																			
TTS-1190	TTS - T&C - Equipment SAT	208	22-Nov-24	09-Aug-25	23-Jan-25	09-Oct-25	50	[Gantt bar for TTS-1190]																											
TTS-1200	TTS - T&C - System Commissioning (60,000 m ³ /d) (KD4)	98	11-Aug-25	05-Dec-25	10-Oct-25	05-Feb-26	50	[Gantt bar for TTS-1200]																											
TTS-1210	TTS - FS Inspection and Fire Certificate	50	08-Oct-25	05-Dec-25	06-Dec-25	05-Feb-26	50	[Gantt bar for TTS-1210]																											
TTS-1250	TTS - T&C - Plant Service Water System (PSW)	30	01-Nov-25	05-Dec-25	02-Jan-26	05-Feb-26	50	[Gantt bar for TTS-1250]																											
TTS-1220	TTS - E&M Works Complete	0		05-Dec-25		05-Feb-26	50	[Gantt bar for TTS-1220]																											
PKD4a	Achieve 60,000m ³ /d Flowrate (KD4)	0		05-Feb-26		05-Feb-26	0	[Gantt bar for PKD4a]																											
External Works - Tertiary Treatment System Perimeter																																			
EW-1100	TTS Perimeter - Drainage/Sewer/Watermain/Utility Installation	150	16-Nov-24	26-May-25	07-Jul-25	03-Jan-26	183	[Gantt bar for EW-1100]																											
EW-1070	TTS Perimeter - Process Pipe Installation	120	16-Nov-24	15-Apr-25	07-Jul-25	26-Nov-25	183	[Gantt bar for EW-1070]																											
EW-1120	TTS Perimeter - Road Works	90	27-May-25	10-Sep-25	05-Jan-26	29-Apr-26	183	[Gantt bar for EW-1120]																											
Zone 3 Construction																																			
Temporary Works Design																																			
UC (Utilities Corridor)																																			
TWD-1230	ELS for Utilities Corridor (UC) - ICE Period Submission	30	16-Nov-21*	15-Dec-21	12-Dec-21	10-Jan-22	26	[Gantt bar for TWD-1230]																											
TWD-1240	ELS for Utilities Corridor (UC) - ICE Review Period	28	16-Dec-21	12-Jan-22	11-Jan-22	07-Feb-22	26	[Gantt bar for TWD-1240]																											
TWD-1250	ELS for Utilities Corridor (UC) - PM Review Period	49	13-Jan-22	02-Mar-22	08-Feb-22	28-Mar-22	26	[Gantt bar for TWD-1250]																											
TWD-1260	ELS for Utilities Corridor (UC) - Consent Date	0		02-Mar-22*		28-Mar-22	26	[Gantt bar for TWD-1260]																											
Sludge Thickening Building (STB)																																			
TWD-1270	ELS for Sludge Thickening Building (STB) - ICE Period Submission	30	24-Jan-22*	22-Feb-22	28-Jan-22	26-Feb-22	4	[Gantt bar for TWD-1270]																											
TWD-1280	ELS for Sludge Thickening Building (STB) - ICE Review Period	28	23-Feb-22	22-Mar-22	27-Feb-22	26-Mar-22	4	[Gantt bar for TWD-1280]																											
TWD-1290	ELS for Sludge Thickening Building (STB) - PM Review Period	49	23-Mar-22	10-May-22	27-Mar-22	14-May-22	4	[Gantt bar for TWD-1290]																											
TWD-1300	ELS for Sludge Thickening Building (STB) - Consent Date	0		12-Jul-22*		16-Jul-22	4	[Gantt bar for TWD-1300]																											
Biogas Holder (BH)																																			
TWD-1310	Ground Improvement for Biogas Holder (BH) - ICE Period Submission	30	30-Oct-21	28-Nov-21	04-Nov-21	03-Dec-21	5	[Gantt bar for TWD-1310]																											
TWD-1320	Ground Improvement for Biogas Holder (BH) - ICE Review Period	28	29-Nov-21	26-Dec-21	04-Dec-21	31-Dec-21	5	[Gantt bar for TWD-1320]																											
TWD-1330	Ground Improvement for Biogas Holder (BH) - PM Review Period	49	27-Dec-21	13-Feb-22	01-Jan-22	18-Feb-22	5	[Gantt bar for TWD-1330]																											
TWD-1340	Ground Improvement for Biogas Holder (BH) - Consent Date	0		27-Feb-22*		04-Mar-22	5	[Gantt bar for TWD-1340]																											
Sludge Digester (SD)																																			
TWD-1350	ELS for Sludge Digesters (SD) - ICE Period Submission	30	24-Jan-22*	22-Feb-22	13-Feb-22	14-Mar-22	20	[Gantt bar for TWD-1350]																											
TWD-1360	ELS for Sludge Digesters (SD) - ICE Review Period	28	23-Feb-22	22-Mar-22	15-Mar-22	11-Apr-22	20	[Gantt bar for TWD-1360]																											
TWD-1370	ELS for Sludge Digesters (SD) - PM Review Period	49	23-Mar-22	10-May-22	12-Apr-22	30-May-22	20	[Gantt bar for TWD-1370]																											
TWD-1380	ELS for Sludge Digesters (SD) - Consent Date	0		11-Jan-23*		31-Jan-23	20	[Gantt bar for TWD-1380]																											
Stage 1																																			
Z3S1	Confirm Zone 3 Temporary Diversion Scheme	0		16-Jun-21 A		30-Oct-21		[Gantt bar for Z3S1]																											
Z3S1-3000	Completion of Stage 1	0		24-Jan-22*		24-Jan-22	0	[Gantt bar for Z3S1-3000]																											
PKD20	KD10 - Completion of Civil & Structural works of roof floor of sludge thickening bldg(8Jan24)	0		08-Dec-23*		08-Jan-24	31	[Gantt bar for PKD20]																											
PPKD14	KD4 - Early Commissioning of Sewage & Sludge Treatment Facilities >60,000m ³ /d at AWDF (5 Feb 26)	0		04-Jan-25*		05-Feb-26	397	[Gantt bar for PPKD14]																											
PSC13	Section 3 - Remainder of the Works, except Landscape Softworks & Establishment Works (sd+2190d=08NOV2026)	0		07-Nov-26*		08-Nov-26	1	[Gantt bar for PSC13]																											
Advance 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

Project ID : DWP.DPR7_211030
 Layout : DC201912 DWP rev.7
 Page 20 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	2022												2023				2024				2025				2026				2027				2028					
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Temporary Thickened Sludge / Supernatant Pumping Station								162	02-Jul-21 A	13-Jan-22	30-Oct-21	13-Jan-22	0																																
ATALZ3S1-2000	CMS - Pumps	24	02-Jul-21 A	29-Jul-21 A	30-Oct-21	30-Oct-21	0	CMS - Pumps																																					
ATALZ3S1-2060	Method Statement for Thickened Sludge / Supernatant Pumping Station	20	20-Aug-21 A	05-Nov-21	30-Oct-21	05-Nov-21	0	Method Statement for Thickened Sludge / Supernatant Pumping Station																																					
Z3S1-2070	Civil Structural Construction for Thickened Sludge / Supernatant Pumping Station (Location E)	36	01-Nov-21	11-Dec-21	01-Nov-21	11-Dec-21	0	Civil Structural Construction for Thickened Sludge / Supernatant Pumping Station (Location E)																																					
ATALZ3S1-2140	E&M installation of pumping system c/w pipework & valves & cabling	30	25-Nov-21	31-Dec-21	25-Nov-21	31-Dec-21	0	E&M installation of pumping system c/w pipework & valves & cabling																																					
ATALZ3S1-2180	T&C (Functional test for Thickened Sludge / Supernatant Pumping System)	15	24-Dec-21	13-Jan-22	24-Dec-21	13-Jan-22	0	T&C (Functional test for Thickened Sludge / Supernatant Pumping System)																																					
Relocation of Heater Room								102	20-Aug-21 A	22-Jan-22	30-Oct-21	22-Jan-22	0																																
ATALZ3S1-2080	CGS - Method Statement Submission and Approval for Relocation	25	20-Aug-21 A	19-Nov-21	30-Oct-21	19-Nov-21	0	CGS - Method Statement Submission and Approval for Relocation																																					
Z3S1-2090	Civil Structural Construction for Heating Room	30	18-Sep-21 A	24-Nov-21	20-Nov-21	24-Nov-21	0	Civil Structural Construction for Heating Room																																					
ATALZ3S1-2150	Relocation works c/w T&C	48	25-Nov-21	22-Jan-22	25-Nov-21	22-Jan-22	0	Relocation works c/w T&C																																					
Temporary Polymer Preparation & Dosing System								111	02-Aug-21 A	13-Jan-22	30-Oct-21	13-Jan-22	0																																
ATALZ3S1-2020	CMS - Polymer Preparation System & Pumps	27	02-Aug-21 A	01-Nov-21	30-Oct-21	01-Nov-21	0	CMS - Polymer Preparation System & Pumps																																					
Z3S1-2100	Civil Structural Construction for Polymer Preparation & Dosing System	50	02-Sep-21 A	01-Dec-21	02-Nov-21	01-Dec-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	03-Nov-21	13-Dec-21	15-Nov-21	24-Dec-21	10	E&M installation of polymer preparation & dosing system c/w pipework & valves & cabling																																					
ATALZ3S1-1220	T&C (Functional test for Polymer Preparation & Dosing System)	14	28-Dec-21	13-Jan-22	28-Dec-21	13-Jan-22	0	T&C (Functional test for Polymer Preparation & Dosing System)																																					
Relocation of Ferric Chloride (FeCl3) Dosing System								111	20-Aug-21 A	13-Jan-22	02-Nov-21	13-Jan-22	0																																
ATALZ3S1-2040	CGS - Method Statement Submission and Approval for Relocation	22	20-Aug-21 A	13-Nov-21	10-Nov-21	24-Nov-21	9	CGS - Method Statement Submission and Approval for Relocation																																					
Z3S1-2055	UU diversion prior to the construction for Temporary Sludge Pump Chamber (Location E)	21	30-Oct-21*	23-Nov-21	02-Nov-21	25-Nov-21	2	UU diversion prior to the construction for Temporary Sludge Pump Chamber (Location E)																																					
Z3S1-2110	Civil Structural Construction for FeCl3 Dosing System	37	02-Nov-21	14-Dec-21	02-Nov-21	14-Dec-21	0	Civil Structural Construction for FeCl3 Dosing System																																					
ATALZ3S1-2170	Relocation Works of FeCl3 Dosing System	36	13-Nov-21	24-Dec-21	13-Nov-21	24-Dec-21	0	Relocation Works of FeCl3 Dosing System																																					
ATALZ3S1-1230	T&C (Functional test FeCl3 Dosing System)	14	28-Dec-21	13-Jan-22	28-Dec-21	13-Jan-22	0	T&C (Functional test FeCl3 Dosing System)																																					
Temporary Digested Sludge Pumping System and Forward Pumping Station								138	02-Aug-21 A	21-Feb-22	08-Nov-21	20-Sep-22	172																																
ATALZ3S1-2030	CMS - Digested Sludge Pump / Forward Pump	22	02-Aug-21 A	26-Aug-21 A	08-Nov-21	08-Nov-21	0	CMS - Digested Sludge Pump / Forward Pump																																					
Z3S1-2050	Civil Structural Construction for Digested Sludge Pumping System	53	31-Aug-21 A	01-Dec-21	08-Nov-21	09-Dec-21	7	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	02-Dec-21	15-Jan-22	10-Dec-21	24-Jan-22	7	E&M installation of digested sludge pump c/w pipework & valves & cabling at Stage 1A																																					
ATALZ3S2-1030	E&M installation of digested sludge pump c/w pipework & valves & cabling at Stage 2	15	17-Jan-22	09-Feb-22	22-Aug-22	07-Sep-22	172	E&M installation of digested sludge pump c/w pipework & valves & cabling at Stage 2																																					
ATALZ3S2-1040	T&C (Functional test for Digested Sludge Pumping System)	10	10-Feb-22	21-Feb-22	08-Sep-22	20-Sep-22	172	T&C (Functional test for Digested Sludge Pumping System)																																					
Temporary Primary Sludge Pumping Station (P)								96	02-Aug-21 A	25-Jan-22	18-Dec-21	22-Mar-22	42																																
Z3TD1-4040	CMS - Primary Sludge Pump	22	02-Aug-21 A	26-Aug-21 A	04-Jan-22	04-Jan-22	0	CMS - Primary Sludge Pump																																					
Z3TD1-4015	UU diversion prior to the construction for Temporary Primary Sludge Pumping Station (Primary Sludge Draw-off Chamber)	21	30-Oct-21*	23-Nov-21	18-Dec-21	14-Jan-22	42	UU diversion prior to the construction for Temporary Primary Sludge Pumping Station (Primary Sludge Draw-off Chamber)																																					
Z3TD1-4010	Civil Structural Construction of Temporary Primary Sludge Pumping Station (Location D)	40	12-Nov-21	30-Dec-21	04-Jan-22	25-Feb-22	42	Civil Structural Construction of Temporary Primary Sludge Pumping Station (Location D)																																					
Z3TD1-4100	E&M Installation of Primary Sludge Pump for pipework & cabling	24	13-Dec-21	12-Jan-22	10-Feb-22	09-Mar-22	42	E&M Installation of Primary Sludge Pump for pipework & cabling																																					
Z3TD1-4110	T&C (Functional test for Pumping System)	11	13-Jan-22	25-Jan-22	10-Mar-22	22-Mar-22	42	T&C (Functional test for Pumping System)																																					
Gas Holder 2 (GH2)								95	01-Sep-21 A	23-Dec-21	02-Nov-21	24-Dec-21	1																																
ATALZ3S1-1200	CGS - Method Statement Submission and Approval	71	01-Sep-21 A	23-Dec-21	02-Nov-21	24-Dec-21	1	CGS - Method Statement Submission and Approval																																					
ATALZ3S1-1210	Examination Works for BH No.2 c/w T&C	25	25-Nov-21	23-Dec-21	26-Nov-21	24-Dec-21	1	Examination Works for BH No.2 c/w T&C																																					
Gas Holder 1 (GH1)								206	13-Nov-21	30-Jul-22	17-Mar-22	24-Jun-23	263																																
ATALZ3S2-1000	Submission & Approval of Method Statement	60	13-Nov-21*	25-Jan-22	17-Mar-22	01-Jun-22	97	Submission & Approval of Method Statement																																					
ATALZ3S2-1010	Procurement of parts	72	26-Jan-22	30-Apr-22	02-Jun-22	26-Aug-22	97	Procurement of parts																																					
ATALZ3S2-1020	Overhaul works	20	03-May-22	26-May-22	27-Aug-22	20-Sep-22	97	Overhaul works																																					
ATALZ3S3-1000	Overhaul works	39	27-May-22	13-Jul-22	20-Apr-23	06-Jun-23	263	Overhaul works																																					
ATALZ3S3-1050	Re-commissioning	15	14-Jul-22	30-Jul-22	07-Jun-23	24-Jun-23	263	Re-commissioning																																					
Submissions								76	17-Jun-21 A	05-Nov-21	30-Oct-21	14-Jan-22	59																																
Design Submission								15	17-Jun-21 A	05-Jul-21 A	30-Oct-21	14-Jan-22																																	
TDZ3S1-1140	Pipework Sizing Calculation for Zone 3 Temporary Diversion	15	17-Jun-21 A	05-Jul-21 A	30-Oct-21	30-Oct-21		Pipework Sizing Calculation for Zone 3 Temporary Diversion																																					
TDZ3S1-1150	Design of Temporary Water Heater House	15	17-Jun-21 A	05-Jul-21 A	20-Nov-21	20-Nov-21		Design of Temporary Water Heater House																																					
TDZ3S1-1180	Design of 400m3 for Sludge Holding Tank	15	17-Jun-21 A	05-Jul-21 A	14-Jan-22	14-Jan-22		Design of 400m3 for Sludge Holding Tank																																					
TDZ3S1-1190	Design of 400m3 for Sludge Thickening Tank	15	17-Jun-21 A	05-Jul-21 A	14-Jan-22	14-Jan-22		Design of 400m3 for Sludge Thickening Tank																																					
Material Submission								19	06-Jul-21 A	27-Jul-21 A	30-Oct-21	30-Oct-21																																	
TDZ3S1-1200	Temp. Sludge Pipes, Fittings, Support and all Accessories	19	06-Jul-21 A	27-Jul-21 A	30-Oct-21	30-Oct-21		Temp. Sludge Pipes, Fittings, Support and all Accessories																																					
TDZ3S1-1210	Temp. Water Pipes, Fittings, Support and all Accessories	19	06-Jul-21 A	27-Jul-21 A	30-Oct-21	30-Oct-21		Temp. Water Pipes, Fittings, Support and all Accessories																																					
TDZ3S1-1220	Temp. Biogas Pipes, Fittings, Support and all Accessories	19	06-Jul-21 A	27-Jul-21 A	30-Oct-21	30-Oct-21		Temp. Biogas Pipes, Fittings, Support and all Accessories																																					
Method Statement Submissions								15	17-Jul-21 A	01-Nov-21	04-Nov-21	05-Nov-21	4																																
TDZ3S1-1260	Installation works for Temporary Diversion Pipework	15	17-Jul-21 A	30-Oct-21	05-Nov-21	05-Nov-21	5	Installation works for Temporary Diversion Pipework																																					
TDZ3S1-1270	Construction of Temporary Water Heater House	15	17-Jul-21 A	30-Oct-21	05-Nov-21	05-Nov-21	5	Construction of Temporary Water Heater House																																					
TDZ3S1-1280	Relocation of pipework including Biogas Pipe, Sludge Pipe, Heat Water Pipe	15	17-Jul-21 A	01-Nov-21	04-Nov-21	05-Nov-21	4	Relocation of pipework including Biogas Pipe, Sludge Pipe, Heat Water Pipe																																					
Procurement								76	17-Jun-21 A	05-Nov-21	30-Oct-21	05-Nov-21	0																																
TDZ3S1-1290	Advise of material availabilities and lead time for material	6	17-Jun-21 A	23-Jun-21 A	30-Oct-21	30-Oct-21		Advise of material availabilities and lead time for material																																					
TDZ3S1-1300	Review of material with DSD ST1/AECOM	6	24-Jun-21 A	30-Jun-21 A	30-Oct-21	30-Oct-21		Review of material with DSD ST1/AECOM																																					
TDZ3S1-1310	Confirm material procurement	6	01-Jul-21 A	07-Jul-21 A	30-Oct-21	30-Oct-21		Confirm material procurement																																					
TDZ3S1-1230	Temp. Sludge Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)	50	17-Jul-21 A	05-Nov-21	30-Oct-21	05-Nov-21	0	Temp. Sludge Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)																																					
TDZ3S1-1240	Temp. Water Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)	50	17-Jul-21 A	05-Nov-21	30-Oct-21	05-Nov-21	0	Temp. Water Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)																																					
TDZ3S1-1250	Temp. Biogas Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)	50	17-Jul-21 A	05-Nov-21	30-Oct-21	05-Nov-21	0	Temp. Biogas Pipes, Fittings, Support and all Accessories (min duration allowed, subject to size and availabilities)																																					
Overhaul Works At Existing SHT Footprint								202	09-Nov-20 A	21-Jul-21 A	30-Oct-21	09-Nov-27																																	
Z3S1a.7-40	Completion Overhaul SHT No. 3 and No. 4	0		21-Jul-21 A		09-Nov-27		Completion Overhaul SHT No. 3 and No. 4																																					
Overhaul at SHT								202	09-Nov-20 A	21-Jul-21 A	30-Oct-21	30-Oct-21																																	
ATALZ3S1A-2000	Method Statement / PMAC Submission and Approval for SHTs	67	09-Nov-20 A	28-Jan-21 A	30-Oct-21	30-Oct-21		Method Statement / PMAC Submission and Approval for SHTs																																					
ATALZ3S1A-2010	Removal of Sludge at SHT 1	41	29-Jan-21 A	24-Mar-21 A	30-Oct-21	30-Oct-21		Removal of Sludge at SHT 1																																					
ATALZ3S1A-2020	Removal of Sludge at SHT 2	36	09-Mar-21 A	23-Apr-21 A	30-Oct-21	30-Oct-21		Removal of Sludge at SHT 2																																					
ATALZ3S1A-2030	Switch Duty to SHT 1 & 2 and Isolation of SHT 3 & 4	2	24-Apr-21 A	26-Apr-21 A	30-Oct-21	30-Oct-21		Switch Duty to SHT 1 & 2 and Isolation of SHT 3 & 4																																					
ATALZ3S1A-2040	Removal of Sludge at SHT 3	38	27-Apr-21 A	11-Jun-21 A	30-Oct-21	30-Oct-21		Removal of Sludge at SHT 3																																					
ATALZ3S1A-2050	Removal of Sludge at SHT 4	49	24-May-21 A	21-Jul-21 A	30-Oct-21	30-Oct-21		Removal of Sludge at SHT 4																																					
Overhaul Works At Existing SDT Footprint								337	09-Nov-20 A	31-Dec-21	06-Nov-21	24-Jan-22	19																																
Z3S1a.7-30	Completion Overhaul SDT No. 3 and No. 4 (Partial Completion)	0		02-Oct-21 A		24-Jan-22		Completion Overhaul SDT No. 3 and No. 4 (Partial Completion)																																					
Z3S1a.7-80	Completion Overhaul SDT No. 3 and No. 4 (Completion up to Postponed Works)	0		31-Dec-21		24-Jan-22	19	Completion Overhaul SDT No. 3 and No. 4 (Completion up to Postponed Works)																																					
SDT No. 1 and 2								105	09-Nov-20 A	20-Mar-21 A	06-Nov-21	06-Nov-21																																	



- 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 21 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																											
								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	
Z3S5UC1-2080	UC/PP 1 - Marine Sediments Treatment and Disposal	30	08-Dec-23	15-Jan-24	21-Jan-24	26-Jul-24	152																												
Z3S5UC1-2020	UC/PP 1 - ELS, Strut Installation S1 (+4.0mPD)	12	08-Dec-23	21-Dec-23	29-Dec-23	12-Jan-24	16																												
Z3S5UC1-2030	UC/PP 1 - ELS, Excavation (+4.0 to +1.5mPD)	18	08-Dec-23	30-Dec-23	13-Dec-23	05-Jan-24	4																												
Z3S5UC1-2040	UC/PP 1 - ELS, Strut Installation S2 (+1.5mPD)	12	02-Jan-24	15-Jan-24	13-Jan-24	26-Jan-24	10																												
Z3S5UC1-2050	UC/PP 1 - ELS, Excavation (+1.5 to -1.0mPD)	18	02-Jan-24	22-Jan-24	06-Jan-24	26-Jan-24	4																												
Z3S5UC1-2060	UC/PP 1 - ELS, Strut Installation S3 (-1.0mPD)	12	23-Jan-24	05-Feb-24	27-Jan-24	16-Feb-24	4																												
Z3S5UC1-2070	UC/PP 1 - ELS, Excavation (-1.0 to -3.75mPD)	18	23-Jan-24	19-Feb-24	27-Jan-24	23-Feb-24	4																												
Stage 5 : Pipe Portal No. 1		114	20-Feb-24	10-Jul-24	24-Feb-24	15-Jul-24	4																												
Z3S5-2010	PP 1 - Structure (-6.25 to -5.0mPD, Base Slab)	16	20-Feb-24	08-Mar-24	24-Feb-24	13-Mar-24	4																												
Z3S5-2020	PP 1 - Structure (-5.0 to -2.0mPD) including Backfill	15	09-Mar-24	26-Mar-24	14-Mar-24	03-Apr-24	4																												
Z3S5-2030	PP 1 - Structure (-2.0 to +1.0mPD) including Backfill	16	27-Mar-24	18-Apr-24	05-Apr-24	23-Apr-24	4																												
Z3S5-2040	PP 1 - Structure (+1.0 to +4.0mPD) including Backfill	15	19-Apr-24	07-May-24	24-Apr-24	11-May-24	4																												
Z3S5-2050	PP 1 - Structure (+4.0 to +7.0mPD), including Backfill, Ground Floor @ +6.0mPD	16	08-May-24	27-May-24	13-May-24	31-May-24	4																												
Z3S5-2060	PP 1 - Structure (+7.0 to 10.5 mPD), First Floor @ +9.7mPD	12	28-May-24	11-Jun-24	01-Jun-24	15-Jun-24	4																												
Z3S5-2070	PP 1 - Structure (+10.5 to 14.0 mPD)	12	12-Jun-24	25-Jun-24	17-Jun-24	29-Jun-24	4																												
Z3S5-2080	PP 1 - Structure (+14.0 to 17.65 mPD), Second Floor @ +9.7mPD	12	26-Jun-24	10-Jul-24	02-Jul-24	15-Jul-24	4																												
Stage 5 : New Sludge Digester No. 1 and 2 (Continued)		162	19-Jan-23	11-Aug-23	08-Jan-24	20-Aug-24	301																												
Z3S3-3020	Sludge Digester no. 1-2 - Marine Sediments Treatment and Disposal	39	19-Jan-23	11-Mar-23	06-Jul-24	20-Aug-24	424																												
Stage 5 : Civil and Structural Works		150	09-Feb-23	11-Aug-23	08-Jan-24	16-Jul-24	271																												
S5 : SD 1,2 Foundation and ELS		24	09-Feb-23	08-Mar-23	08-Jan-24	03-Feb-24	271																												
Z3S3-2210	Sludge Digester No. 1-2 - Strut Installation S3 (-2.4mPD)	7	09-Feb-23	16-Feb-23	19-Jan-24	26-Jan-24	281																												
Z3S3-2220	Sludge Digester No. 1-2 - ELS Excavation (-2.4 to -5.9mPD)	12	09-Feb-23	22-Feb-23	08-Jan-24	20-Jan-24	271																												
Z3S3-2230	Sludge Digester No. 1-2 - Strut Installation S4 (-5.9mPD)	7	23-Feb-23	02-Mar-23	27-Jan-24	03-Feb-24	276																												
Z3S3-2240	Sludge Digester No. 1-2 - ELS Excavation (-5.9 to -8.9mPD)	12	23-Feb-23	08-Mar-23	22-Jan-24	03-Feb-24	271																												
S5 : Substructure		74	09-Mar-23	09-Jun-23	05-Feb-24	13-May-24	271																												
Z3S3-2270	Sludge Digester No. 1-2 - Structure (-8.9 to -6.8mPD) Base Slab	18	09-Mar-23	29-Mar-23	05-Feb-24	02-Mar-24	271																												
Z3S3-2350	Sludge Digester No. 1-2 - Structure (-6.8 to -3.8mPD)	14	30-Mar-23	19-Apr-23	04-Mar-24	19-Mar-24	271																												
Z3S3-2390	Sludge Digester No. 1-2 - Structure (-3.8 to -0.8mPD)	14	20-Apr-23	06-May-23	20-Mar-24	09-Apr-24	271																												
Z3S3-2440	Sludge Digester No. 1-2 - Structure (-0.8 to 2.2mPD)	14	08-May-23	23-May-23	10-Apr-24	25-Apr-24	271																												
Z3S3-2470	Sludge Digester No. 1-2 - Structure (+2.2 to +5.2mPD)	14	24-May-23	09-Jun-23	26-Apr-24	13-May-24	271																												
S5 : Superstructure		52	10-Jun-23	11-Aug-23	14-May-24	16-Jul-24	271																												
Z3S3-2520	Sludge Digester No. 1-2 - Structure (+5.2 to +8.2mPD)	18	10-Jun-23	03-Jul-23	14-May-24	04-Jun-24	271																												
Z3S3-2550	Sludge Digester No. 1-2 - Structure (+8.2 to +11.2mPD)	17	04-Jul-23	22-Jul-23	05-Jun-24	25-Jun-24	271																												
Z3S3-2580	Sludge Digester No. 1-2 - Structure (+11.2 to +14.2mPD)	17	24-Jul-23	11-Aug-23	26-Jun-24	16-Jul-24	271																												
Stage 5 : New Sludge Digester No. 3 (Continued)		115	06-Apr-23	25-Aug-23	06-Mar-24	26-Jul-24	268																												
Stage 5 : Excavation and Strut Installation		85	06-Apr-23	21-Jul-23	06-Mar-24	20-Jun-24	268																												
Z3S3-2280	Sludge Digester No. 3 - ELS Excavation (+6.0 to +4.6mPD)	15	06-Apr-23	26-Apr-23	06-Mar-24	22-Mar-24	268																												
Z3S3-2300	Sludge Digester No. 3 - Marine Sediments Treatment and Disposal	42	27-Apr-23	16-Jun-23	30-Apr-24	20-Jun-24	296																												
Z3S3-2310	Sludge Digester No. 3 - Strut Installation S1 (+4.6mPD)	7	27-Apr-23	05-May-23	18-May-24	25-May-24	310																												
Z3S3-2320	Sludge Digester No. 3 - ELS Excavation (+4.6 to +1.1mPD)	15	27-Apr-23	15-May-23	23-Mar-24	13-Apr-24	268																												
Z3S3-2330	Sludge Digester No. 3 - Strut Installation S2 (+1.1mPD)	7	16-May-23	23-May-23	27-May-24	03-Jun-24	302																												
Z3S3-2340	Sludge Digester No. 3 - ELS Excavation (+1.1 to -2.4mPD)	15	16-May-23	02-Jun-23	15-Apr-24	02-May-24	268																												
Z3S3-2370	Sludge Digester No. 3 - Strut Installation S3 (-2.4mPD)	7	03-Jun-23	10-Jun-23	04-Jun-24	12-Jun-24	294																												
Z3S3-2380	Sludge Digester No. 3 - ELS Excavation (-2.4 to -5.9mPD)	20	03-Jun-23	27-Jun-23	03-May-24	27-May-24	268																												
Z3S3-2400	Sludge Digester No. 3 - Strut Installation S4 (-5.9mPD)	7	28-Jun-23	06-Jul-23	13-Jun-24	20-Jun-24	281																												
Z3S3-2410	Sludge Digester No. 3 - ELS Excavation (-5.9 to -8.9mPD)	20	28-Jun-23	21-Jul-23	28-May-24	20-Jun-24	268																												
Stage 5 : SD 3 Civil and Structural Works		30	22-Jul-23	25-Aug-23	21-Jun-24	26-Jul-24	268																												
S5 : SD 3 Substructure		30	22-Jul-23	25-Aug-23	21-Jun-24	26-Jul-24	268																												
Z3S3-2430	Sludge Digester No. 3 - Structure (-8.9 to -6.8mPD) Base Slab	15	22-Jul-23	08-Aug-23	21-Jun-24	09-Jul-24	268																												
Z3S3-2460	Sludge Digester No. 3 - Structure (-6.8 to -3.8mPD)	15	09-Aug-23	25-Aug-23	10-Jul-24	26-Jul-24	268																												
Stage 6		424	12-Aug-23	17-Jan-25	24-Feb-24	04-Oct-27	811																												
Z3S6-3360	Completion of Stage 6	0		17-Jan-25*		17-Jan-25	0																												
Stage 6 : New Sludge Thickening Building (STB) (Continued)		104	25-Jan-24	07-Jun-24	06-Sep-24	04-Oct-27	995																												
Stage 6 : STB ABWF and BS Works		90	03-Feb-24	31-May-24	25-Sep-24	13-Jan-25	186																												
Z3S3-3210	STB - BS and ABWF Works at Stage 6	90	03-Feb-24	31-May-24	25-Sep-24	13-Jan-25	186																												
Stage 6 : STB E&M Installation		104	25-Jan-24	07-Jun-24	06-Sep-24	04-Oct-27	995																												
Z3S3-2850	STB - Electrical works (Cable wiring, termination) at Stage 6	90	25-Jan-24	22-May-24	30-Sep-24	17-Jan-25	198																												
Z3S3-2860	STB - BS Installation (ELV, Ventilation, FS, PD) at Stage 6	90	25-Jan-24	22-May-24	12-Sep-24	31-Dec-24	184																												
Z3S3-3150	STB - Reclaimed Water System and Associated Pipeworks at Stage 6	90	25-Jan-24	22-May-24	12-Sep-24	31-Dec-24	184																												
Z3S3-3160	STB - Sludge Thickening Chemical Dosing System and Associated Pipeworks at Stage 6	90	25-Jan-24	22-May-24	12-Sep-24	31-Dec-24	184																												
Z3S3-3190	STB - Deodorization System at Stage 6	90	02-Feb-24	30-May-24	30-Sep-24	17																													

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Gantt Chart																							
								2022	2023	2024	2025	2026	2027	2028																	
Z3S6PP2-2000	PP 2 - Structure (-6.25 to -5.0mPD, Base Slab)	18	11-Jul-24	31-Jul-24	16-Jul-24	05-Aug-24	4	PP 2 - Structure (-6.25 to -5.0mPD, Base Slab)																							
Z3S6PP2-2010	PP 2 - Structure (-5.0 to -2.0mPD) including Backfill	18	01-Aug-24	21-Aug-24	06-Aug-24	26-Aug-24	4	PP 2 - Structure (-5.0 to -2.0mPD) including Backfill																							
Z3S6PP2-2020	PP 2 - Structure (-2.0 to +1.0mPD) including Backfill	18	22-Aug-24	11-Sep-24	27-Aug-24	16-Sep-24	4	PP 2 - Structure (-2.0 to +1.0mPD) including Backfill																							
Z3S6PP2-2030	PP 2 - Structure (+1.0 to +4.0mPD) including Backfill	18	12-Sep-24	04-Oct-24	17-Sep-24	09-Oct-24	4	PP 2 - Structure (+1.0 to +4.0mPD) including Backfill																							
Z3S6PP2-2040	PP 2 - Structure (+4.0 to +7.0mPD), including Backfill SFL@ +6.0mPD	18	05-Oct-24	26-Oct-24	10-Oct-24	31-Oct-24	4	PP 2 - Structure (+4.0 to +7.0mPD), including Backfill SFL@ +6.0mPD																							
Z3S6PP2-2050	PP 2 - Structure (+7.0 to 10.5 mPD)	18	28-Oct-24	16-Nov-24	01-Nov-24	21-Nov-24	4	PP 2 - Structure (+7.0 to 10.5 mPD)																							
Z3S6PP2-2060	PP 2 - Structure (+10.5 to 14.0 mPD)	18	18-Nov-24	07-Dec-24	22-Nov-24	12-Dec-24	4	PP 2 - Structure (+10.5 to 14.0 mPD)																							
Z3S6PP2-2070	PP 2 - Structure (+14.0 to 17.65 mPD)	18	09-Dec-24	31-Dec-24	13-Dec-24	06-Jan-25	4	PP 2 - Structure (+14.0 to 17.65 mPD)																							
Stage 6 : New Sludge Digester No. 1 and 2 (Continued)																															
Stage 6 : SD 1,2 Superstructure																															
Z3S3-2620	Sludge Digester No. 1-2 - Structure (+14.2 to +16.83mPD)	30	12-Aug-23	24-Oct-23	17-Jul-24	25-Sep-24	271	Sludge Digester No. 1-2 - Structure (+14.2 to +16.83mPD)																							
Z3S3-2640	Sludge Digester No. 1-2 - Structure (+16.83 to +18.3mPD)	30	16-Sep-23	24-Oct-23	21-Aug-24	25-Sep-24	271	Sludge Digester No. 1-2 - Structure (+16.83 to +18.3mPD)																							
Stage 6 : SD 1,2 E&M Installation																															
Z3S3-2670	SDT No.1&2 - Tank Internal Pipework and Jet Nozzle Installation at Stage 6	52	25-Oct-23	23-Dec-23	26-Sep-24	27-Nov-24	271	SDT No.1&2 - Tank Internal Pipework and Jet Nozzle Installation at Stage 6																							
Z3S3-2680	SDT No.1&2 - Pumps and Heat Exchanger Installation at Stage 6	52	25-Oct-23	23-Dec-23	26-Sep-24	27-Nov-24	271	SDT No.1&2 - Pumps and Heat Exchanger Installation at Stage 6																							
Z3S3-2690	SDT No.1&2 - Tank Associated Pipework at Stage 6	52	25-Oct-23	23-Dec-23	26-Sep-24	27-Nov-24	271	SDT No.1&2 - Tank Associated Pipework at Stage 6																							
Z3S3-2669	SDT No.1&2 - E&M Handover	0	25-Oct-23		26-Sep-24		271	SDT No.1&2 - E&M Handover																							
Z3S3-2675	SDT No.1&2 - Installation, Set-Up & T&C for SCADA System	14	08-Dec-23	23-Dec-23	02-Jan-25	17-Jan-25	312	SDT No.1&2 - Installation, Set-Up & T&C for SCADA System																							
Stage 6 : New Sludge Digester No. 3 (Continued)																															
Stage 6 : SD 3 Civil and Structural Works																															
S6 : SD 3 Substructure																															
Z3S3-2480	Sludge Digester No. 3 - Structure (-3.8 to -0.8mPD)	15	26-Aug-23	12-Sep-23	04-Oct-24	22-Oct-24	325	Sludge Digester No. 3 - Structure (-3.8 to -0.8mPD)																							
Z3S3-2490	Sludge Digester No. 3 - Structure (-0.8 to 2.2mPD)	15	13-Sep-23	29-Sep-23	23-Oct-24	08-Nov-24	325	Sludge Digester No. 3 - Structure (-0.8 to 2.2mPD)																							
Z3S3-2530	Sludge Digester No. 3 - Structure (+2.2 to +5.2mPD)	15	03-Oct-23	19-Oct-23	09-Nov-24	26-Nov-24	325	Sludge Digester No. 3 - Structure (+2.2 to +5.2mPD)																							
S6 : SD 3 Superstructure																															
Z3S3-2540	Sludge Digester No. 3 - Structure (+5.2 to +8.2mPD)	8	20-Oct-23	30-Oct-23	27-Nov-24	05-Dec-24	325	Sludge Digester No. 3 - Structure (+5.2 to +8.2mPD)																							
Z3S3-2560	Sludge Digester No. 3 - Structure (+8.2 to +11.2mPD)	8	31-Oct-23	08-Nov-23	06-Dec-24	14-Dec-24	325	Sludge Digester No. 3 - Structure (+8.2 to +11.2mPD)																							
Z3S3-2570	Sludge Digester No. 3 - Structure (+11.2 to +14.2mPD)	8	09-Nov-23	17-Nov-23	16-Dec-24	24-Dec-24	325	Sludge Digester No. 3 - Structure (+11.2 to +14.2mPD)																							
Z3S3-2590	Sludge Digester No. 3 - Structure (+14.2 to +16.83mPD)	8	18-Nov-23	27-Nov-23	27-Dec-24	06-Jan-25	325	Sludge Digester No. 3 - Structure (+14.2 to +16.83mPD)																							
Z3S3-2610	Sludge Digester No. 3 - Structure (+16.83 to +18.3mPD)	10	28-Nov-23	08-Dec-23	07-Jan-25	17-Jan-25	325	Sludge Digester No. 3 - Structure (+16.83 to +18.3mPD)																							
Stage 7																															
Z3S7-3370	Completion of Stage 7	0		08-Aug-25*		08-Aug-25	0	Completion of Stage 7																							
Stage 7 : New Sludge Thickening Building (STB) (Continued)																															
Stage 7 : STB ABWF and BS Works																															
Z3S3-3090	STB - BS and ABWF Works at Stage 7	165	01-Jun-24	16-Dec-24	14-Jan-25	08-Aug-25	186	STB - BS and ABWF Works at Stage 7																							
Stage 7 : STB E&M Installation																															
Z3S3-3220	STB - Electrical works (Cable wiring, termination) at Stage 7	56	23-May-24	29-Jul-24	09-Apr-25	19-Jun-25	261	STB - Electrical works (Cable wiring, termination) at Stage 7																							
Z3S3-3230	STB - BS Installation (ELV, Ventilation, FS, PD) at Stage 7	56	23-May-24	29-Jul-24	09-Apr-25	19-Jun-25	261	STB - BS Installation (ELV, Ventilation, FS, PD) at Stage 7																							
Z3S3-3240	STB - Reclaimed Water System and Associated Pipeworks at Stage 7	40	23-May-24	10-Jul-24	02-Jan-25	22-Feb-25	184	STB - Reclaimed Water System and Associated Pipeworks at Stage 7																							
Z3S3-3250	STB - Sludge Thickening Chemical Dosing System and Associated Pipeworks at Stage 7	40	23-May-24	10-Jul-24	02-Jan-25	22-Feb-25	184	STB - Sludge Thickening Chemical Dosing System and Associated Pipeworks at Stage 7																							
Z3S3-3260	STB - Deodorization System at Stage 7	86	31-May-24	10-Sep-24	04-Mar-25	19-Jun-25	224	STB - Deodorization System at Stage 7																							
Z3S3-3270	STB - Sludge Thickening, Transferring and Pumping System and Associated Pipeworks at Stage 7	86	31-May-24	10-Sep-24	24-Dec-24	12-Apr-25	172	STB - Sludge Thickening, Transferring and Pumping System and Associated Pipeworks at Stage 7																							
Z3S3-3440	STB - Plant Service Water System (PSW) Installation	30	07-Aug-24	10-Sep-24	05-Oct-27	08-Nov-27	946	STB - Plant Service Water System (PSW) Installation																							
Z3S3-3275	STB - Installation and Set-Up for SCADA System	14	26-Aug-24	10-Sep-24	04-Jun-25	19-Jun-25	224	STB - Installation and Set-Up for SCADA System																							
Stage 7 : STB Testing & Commissioning																															
Z3S3-2910	STB - T&C - Equipment SAT (Dry Test)	39	11-Jul-24	24-Aug-24	24-Feb-25	10-Apr-25	184	STB - T&C - Equipment SAT (Dry Test)																							
Z3S3-2920	STB - T&C - Equipment SAT (Functional Test)	48	26-Aug-24	23-Oct-24	11-Apr-25	12-Jun-25	184	STB - T&C - Equipment SAT (Functional Test)																							
Z3S3-2940	STB - T&C - Sludge Thickening Building & Chemical System - System Commissioning (60,000 m3/d) (KD4)	94	11-Sep-24	04-Jan-25	14-Apr-25	08-Aug-25	172	STB - T&C - Sludge Thickening Building & Chemical System - System Commissioning (60,000 m3/d) (KD4)																							
Z3S3-2960	STB - T&C - Equipment SAT (Wet Test)	6	24-Oct-24	30-Oct-24	13-Jun-25	19-Jun-25	184	STB - T&C - Equipment SAT (Wet Test)																							
Z3S3-2970	STB - FS Inspection and Fire Certificate	42	14-Nov-24	04-Jan-25	20-Jun-25	08-Aug-25	172	STB - FS Inspection and Fire Certificate																							
Z3S3-3450	STB - T&C - Plant Service Water System (PSW)	30	28-Nov-24	04-Jan-25	05-Jul-25	08-Aug-25	172	STB - T&C - Plant Service Water System (PSW)																							
Z3S3-2980	Achieve 60,000m3/d flowrate (KD4, 5-Feb-26)	0		04-Jan-25		08-Aug-25	216	Achieve 60,000m3/d flowrate (KD4, 5-Feb-26)																							
Stage 7 : UC/PP Connection																															
Z3S7-2000	Permanent Sludge Pipe Connection from Sludge Thickening Building and Pipe Portal No. 1	30	23-Jul-24	26-Aug-24	27-Jul-24	30-Aug-24	4	Permanent Sludge Pipe Connection from Sludge Thickening Building and Pipe Portal No. 1																							
Z3S7-2010	Temporary Sludge Pipe Connection into UU Corridor	30	23-Jul-24	26-Aug-24	27-Jul-24	30-Aug-24	4	Temporary Sludge Pipe Connection into UU Corridor																							
Z3S7-2020	Temporary Sludge, Gas and Heating Water Pipe Connection into UU Corridor	30	23-Jul-24	26-Aug-24	27-Jul-24	30-Aug-24	4	Temporary Sludge, Gas and Heating Water Pipe Connection into UU Corridor																							
Stage 7 : Pipe Portal No. 3																															
Z3S8PP3-2000	PP 3 - Structure (-6.25 to -5.0mPD, Base Slab)	16	02-Jan-25	20-Jan-25	07-Jan-25	24-Jan-25	4	PP 3 - Structure (-6.25 to -5.0mPD, Base Slab)																							
Z3S8PP3-2010	PP 3 - Structure (-5.0 to -2.0mPD) including Backfill	15	21-Jan-25	12-Feb-25	25-Jan-25	17-Feb-25	4	PP 3 - Structure (-5.0 to -2.0mPD) including Backfill																							
Z3S8PP3-2020	PP 3 - Structure (-2.0 to +1.0mPD) including Backfill	16	13-Feb-25	03-Mar-25	18-Feb-25	07-Mar-25	4	PP 3 - Structure (-2.0 to +1.0mPD) including Backfill																							
Z3S8PP3-2030	PP 3 - Structure (+1.0 to +4.0mPD) including Backfill	15	04-Mar-25	20-Mar-25	08-Mar-25	25-Mar-25	4	PP 3 - Structure (+1.0 to +4.0mPD) including Backfill																							
Z3S8PP3-2040	PP 3 - Structure (+4.0 to +7.0mPD), including Backfill SFL@ +6.0mPD	15	21-Mar-25	08-Apr-25	26-Mar-25	12-Apr-25	4	PP 3 - Structure (+4.0 to +7.0mPD), including Backfill SFL@ +6.0mPD																							
Z3S8PP3-2050	PP 3 - Structure (+7.0 to 10.5 mPD)	11	09-Apr-25	24-Apr-25	14-Apr-25	29-Apr-25	4	PP 3 - Structure (+7.0 to 10.5 mPD)																							
Z3S8PP3-2060	PP 3 - Structure (+10.5 to 14.0 mPD)	11	25-Apr-25	09-May-25	30-Apr-25	14-May-25	4	PP 3 - Structure (+10.5 to 14.0 mPD)																							
Z3S8PP3-2070	PP 3 - Structure (+14.0 to 17.65 mPD)	11	10-May-25	22-May-25	15-May-25	27-May-25	4	PP 3 - Structure (+14.0 to 17.65 mPD)																							
Stage 7 : New Sludge Digester Nos. 1 and 2 (Continued)																															
Stage 7 : E&M Installation																															
Z3S3-3280	SDT No.1&2 - Tank Internal Pipework and Jet Nozzle Installation at Stage 7	46	27-Dec-23	22-Mar-24	28-Nov-24	24-Feb-25	271	SDT No.1&2 - Tank Internal Pipework and Jet Nozzle Installation at Stage 7																							
Z3S3-3290	SDT No.1&2 - Pumps and Heat Exchanger Installation at Stage 7	46	27-Dec-23	26-Feb-24	28-Nov-24	23-Jan-25	271	SDT No.1&2 - Pumps and Heat Exchanger Installation at Stage 7																							
Z3S3-3300	SDT No.1&2 - Tank Associated Pipework at Stage 7	46	27-Dec-23	26-Feb-24	28-Nov-24	23-Jan-25	271	SDT No.1&2 - Tank Associated Pipework at Stage 7																							
Z3S3-2750	SDT No.1&2 - Instrumentation	22	27-Feb-24	22-Mar-24	24-Jan-25	24-Feb-25	271	SDT No.1&2 - Instrumentation																							
Z3S3-2760	SDT No.1&2 - Electrical works (Cable wiring, termination, lightning arrestor system)	22	27-Feb-24	22-Mar-24	24-Jan-25	24-Feb-25	271	SDT No.1&2 - Electrical works (Cable wiring, termination, lightning arrestor system)																							
Z3S3-3420	SDT No.1&2 - Installation and Set-Up for SCADA System	14	07-Mar-24	22-Mar-24	08-Feb-25	24-Feb-25	271	SDT No.1&2 - Installation and Set-Up for SCADA System																							
Stage 7 : Testing & Commissioning																															
S7 : Equipment SAT																															



- █ 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

Project ID : DWP.DP7_211030
 Layout : DC201912 DWP rev.7
 Page 26 of 29

Detailed Works Programme			
Date	Revision	Checked	Approved
30-Oct-21	Rev. 7		
30-Sep-21	Rev. 6		
31-Aug-21	Rev. 5		

