

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April					May					June					July					August					September					October	
						54					55					56					57					58					59					60	
						30	06	13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05				
STB : Substructure Zone A																																					
Z3S3-6150	STB - Zone A - Removal of Falsework & S2 Struts, Waterproof, Backfill	16	30-Apr-25	20-May-25	-219							STB - Zone A - Removal of Falsework & S2 Struts, Waterproof, Backfill																									
Z3S3-6440	STB - Zone A - Remaining RC Footing of H2S	18	23-Jun-25	14-Jul-25	-246													STB - Zone A - Remaining RC Footing of H2S																			
STB : Structure Zone B																																					
STB : Substructure Zone B																																					
Z3S3-6300	STB - Zone B - Waterproof, backfill and Remove remaining S2	12	30-Apr-25	15-May-25	-55							STB - Zone B - Waterproof, backfill and Remove remaining S2																									
STB : Water Tightness Test																																					
STB : Water Tightness Test Zone A																																					
Z3S3-6330	STB - Zone A - Water Tight. Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,test=7d,remov	21	17-Feb-25 A	02-May-25	-92							STB - Zone A - Water Tight. Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,remove=1d)																									
STB : Water Tightness Test Zone B																																					
Z3S3-6360	STB - Zone B - Water Tight. Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,test=7d,remov	21	17-Feb-25 A	02-May-25	-92							STB - Zone B - Water Tight. Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,remove=1d)																									
STB : Water Tightness Test Zone C																																					
Z3S3-5200	STB - Zone C - Water Tight.Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,test=7d,remov	21	20-Jan-25 A	02-May-25	-92							STB - Zone C - Water Tight. Test (water height=6.15m,plug=1d,fill=4d,absorption=7d,remove=1d)																									
STB : ABWF																																					
STB : ABWF (-1.5 to +6.0mPD)																																					
Z3S3-5980	STB - Remove backprop and falsework for ABWF works (-1.5/+6mPD)	10	03-May-25	15-May-25	-92							STB - Remove backprop and falsework for ABWF works (-1.5/+6mPD)																									
Z3S3-2790	STB - ABWF Works (1st fix for E&M handover) @ below ground floor (-1.5/+6mPD)	30	16-May-25	20-Jun-25	-92							STB - ABWF Works (1st fix for E&M handover) @ below ground floor (-1.5/+6mPD)																									
Z3S3-5210	STB - ABWF Works (lining for E&M handover)(scaffold=1d,surface prep.=1d,install=4d,testing=1d)	7	21-Jun-25	28-Jun-25	-92							STB - ABWF Works (lining for E&M handover)(scaffold=1d,surface prep.=1d,install=4d,testing=1d)																									
STB : ABWF (+6.0 to +18.3mPD)																																					
Z3S3-6010	STB - Remove backprop and falsework for ABWF works (+6.0/+18.3mPD)	7	11-Feb-25 A	30-Apr-25	-153							STB - Remove backprop and falsework for ABWF works (+6.0/+18.3mPD)																									
Z3S3-4540	STB - ABWF Works (1st fix for E&M handover) @ above ground floor (+6.0/+18.3mPD)	40	26-Mar-25 A	13-Jun-25	-153							STB - ABWF Works (1st fix for E&M handover) @ above ground floor (+6.0/+18.3mPD)																									
STB : ABWF (above +18.3mPD roof)																																					
Z3S3-4560	STB - ABWF Works @ roof (+18.0/+21.1mPD)	90	18-Feb-25 A	30-May-25	-142							STB - ABWF Works @ roof (+18.0/+21.1mPD)																									
STB - Sludge Thickening Chemical System																																					
Ferric Chloride Storage and Dosing System																																					
Z3S2-4200	Demolition & Backfill of Consolidation Tank (7) C1 & C2 bottom slab (affect Base Slab)	30	30-Jun-25	04-Aug-25	-16													Demolition & Backfill of Consolidation Tank (7) C1 & C2 bottom slab (aff																			
STB : E&M Installation																																					
Z3S3-2795	STB - E&M Handover @ Above +6.0mPD	0	14-Jun-25		-153													◆ STB - E&M Handover @ Above +6.0mPD																			
Z3S3-2785	STB - E&M Handover @ Below +6.0mPD	0	30-Jun-25		-92													◆ STB - E&M Handover @ Below +6.0mPD																			
STB E&M : Pump Room Floor @ -1.5mPD																																					
Lifting Appliance x 6 sets																																					
Z3S3-4010	STB - LALG (LA-05-01) - Monorail @ -1.5mPD - Thickening Centrifuge Feed Pump	38	30-Jun-25	13-Aug-25	-67													STB - LALG (LA-05-01) - Monorail @ -1.5mPD - Thickening																			
Z3S3-4020	STB - LALG (LA-05-02) - Monorail @ -1.5mPD - Digester Feed Pump	38	30-Jun-25	13-Aug-25	-67													STB - LALG (LA-05-02) - Monorail @ -1.5mPD - Digester Fe																			
Z3S3-4030	STB - LALG (LA-05-03) - Monorail @ -1.5mPD - Jet Mixer for Thickening Sludge Holding Tank No	38	30-Jun-25	13-Aug-25	-67													STB - LALG (LA-05-03) - Monorail @ -1.5mPD - Jet Mixer fo																			
Z3S3-4040	STB - LALG (LA-05-04) - Monorail @ -1.5mPD - Digester Feed Pump	38	30-Jun-25	13-Aug-25	-67													STB - LALG (LA-05-04) - Monorail @ -1.5mPD - Digester Fe																			
BS Installation (ELV, Ventilation, FS, PD)																																					
Z3S3-2860	STB - BS Installation (ELV, Ventilation, FS, PD) @ -1.5mPD	100	29-Jul-25	25-Nov-25	-67																			STB - BS Installation (ELV, Ventilation, FS, PD) @ -1.5mPD													
STB E&M : Thickening Centrifuge Hall and Polymer Area @ +6.0mPD																																					
Lifting Appliance x 1 Set																																					
Z3S3-4050	STB - LALG (LA-05-05) - Monorail @ +6.0mPD - For Pump Room Floor	26	14-Jun-25	15-Jul-25	-153													STB - LALG (LA-05-05) - Monorail @ +6.0mPD - For Pump Room Floor																			
Z3S3-4190	STB - LALG (LA-05-06) - EOT @ +6.0mPD - Centrifuge	38	16-Jul-25	28-Aug-25	-153													STB - LALG (LA-05-06) - EOT @ +6.0mPD																			
STB E&M : Transformer Room @ +6.0mPD																																					
Z3S3-4300	STB - Incoming Cable Containment&Cabling Works from TX No.5 to LVSB	12	16-Jul-25*	29-Jul-25	-23													STB - Incoming Cable Containment&Cabling Works from TX No.5 to LVSB																			
STB E&M : LV Switch Room and VFD Room @ +13.5mPD																																					
Z3S3-4310	STB - LVSB Installation	50	16-Jul-25*	11-Sep-25	-17													STB - LVSB Installation																			
Z3S3-4330	STB - Incoming Cable Containment&Cabling Works from TX No.5 to LVSB	12	16-Jul-25	29-Jul-25	-17													STB - Incoming Cable Containment&Cabling Works from TX No.5 to LVSB																			
STB E&M : DOU3 @+13.5mPD																																					
Z3S3-2800	STB - DOU Equipment Installation	100	02-Jul-25	28-Oct-25	-93													STB - DOU Equipment Installation																			
Zone 3 Middle Portion (Z3M)																																					
Demolition																																					
Existing SDT 1-4																																					
Z3S7-2160	Tanker-away scheme - Road Diversion (Steel Deck) on H2S/SD6 for Sheetpiling of SD4-6	28	15-Jul-25	15-Aug-25	-146													Tanker-away scheme - Road Diversion (Steel Deck) on H																			
SDT No.2 (Water)																																					
Z3S7-2030	Tanker-away scheme - Demolish Existing SDT2 (underground structure)	24	01-Apr-25 A	07-May-25	-246							Tanker-away scheme - Demolish Existing SDT2 (underground structure)																									
SDT No.4 (Sludge)																																					
Z3S7-2180	Tanker-away scheme - Demolish Existing SDT4 (underground structure)	24	09-Apr-25 A	13-May-25	-246							Tanker-away scheme - Demolish Existing SDT4 (underground structure)																									
SDT No.3 (Sludge) + Compressor House																																					
Z3S7-2225	Tanker-away scheme - Demolish Existing SDT3 (decommission+superstructure)	20	05-Mar-25 A	09-May-25	-243							Tanker-away scheme - Demolish Existing SDT3 (decommission+superstructure)																									
Z3S7-2230	Tanker-away scheme - Demolish Existing SDT3 (underground structure)	18	10-May-25	30-May-25	-243							Tanker-away scheme - Demolish Existing SDT3 (underground structure)																									
SDT No.1 (Water)																																					
Z3S7-2255	Tanker-away scheme - Demolish Existing SDT1 (decommission+superstructure)	20	14-Mar-25 A	23-May-25	-255							Tanker-away scheme - Demolish Existing SDT1 (decommission+superstructure)																									
Z3S7-2260	Tanker-away scheme - Demolish Existing SDT1 (underground structure)	18	24-May-25	14-Jun-25	-255							Tanker-away scheme - Demolish Existing SDT1 (underground structure)																									
Sludge Digester No. 4-6 (SD4-6)																																					
SD4-6 : Foundation and ELS																																					
SD4-6 : Sheetpiling																																					
Z3S8SD-2040	Sludge Digester No. 4-6 - Sheet Piles Install (Zone A, 1292 m2.@60m2/d/ri, 1 rig) UC East Side	30	23-Jun-25	28-Jul-25	-255													Sludge Digester No. 4-6 - Sheet Piles Install (Zone A, 1292 m2.@60m2/d/ri, 1																			
Z3S8SD-2330	Sludge Digester No. 4-6 - Sheet Piles Install (Zone B, 1,638 m2.@30m2/d/ri, 2 rigs) common wall i	42	29-Jul-25	15-Sep-25	-255													Sludge Digester No. 4-6 - Sheet Piles Install (Zone B, 1,638 m2.@30m2/d/ri, 2 rigs) common wall i																			
Biogas Holder No. 2-4 (BH2-4)																																					
Biogas Holder No. 2-3 (BH2-3)																																					
BH2-3 : Foundation																																					
Z3BH-1020	Biogas Holder No. 2-4 - Backfilling after demolition (i.e. SDT1-4 area)	6	16-Jun-25	21-Jun-25	-255													Biogas Holder No. 2-4 - Backfilling after demolition (i.e. SDT1-4 area)																			
Z3BH-1080	Biogas Holder No. 2-4 - Band drain Installation for Ground Improvement (3rigs)	24	23-Jun-25	21-Jul-25	-252													Biogas Holder No. 2-4 - Band drain Installation for Ground Improvement (3rigs)																			
Z3BH-1090	Biogas Holder No. 2-4 - Surcharge (concrete block placing and backfill) (Stage 1)	30	22-Jul-25	25-Aug-25	-252													Biogas Holder No. 2-4 - Surcharge (concrete block placing and backfill) (Stage 1)																			
Utility Corridor and Pipe Portal (UC/PP)																																					
Utility Corridor No. 3 (UC3)																																					
UC3 : Foundation and ELS																																					
Z3S2-2150	UC3 - Sheetpile Installation (450m2 @60m2/d)	21	29-Jul-25	21-Aug-25	49													UC3 - Sheetpile Installation (450m2 @60m2/d)																			
Zone 3 South Portion (Z3S)																																					

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	April					May					June					July					August					September					October	
						30	06	13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	27	03	10	17	24	31	07	14	21	28	05				
Sludge Digester No. 1-3 (SD1-3)																																					
SD1-3 : Foundation and ELS																																					
SD1-3 : Excavation and Strut Installation																																					
SD1-3 : Formation Level																																					
Z3S3-5070	Sludge Digester No. 1-3 - Plate Load Test SD-PLT1, SD-PLT-2 & SD-PLT3 (3nos., 3 sets)	17	10-Mar-25 A	01-Apr-25 A		Sludge Digester No. 1-3 - Plate Load Test SD-PLT1, SD-PLT-2 & SD-PLT3 (3nos., 3 sets)																															
Z3S3-5570	Sludge Digester No. 1-3 - 300mm thk concrete blinding (back-prop)	9	19-Mar-25 A	03-Apr-25 A		Sludge Digester No. 1-3 - 300mm thk concrete blinding (back-prop)																															
Z3S3-5580	Sludge Digester No. 1-3 - Concrete blinding (back-prop) gain strength	4	26-Mar-25 A	08-Apr-25 A		Sludge Digester No. 1-3 - Concrete blinding (back-prop) gain strength																															
Z3S3-5590	Sludge Digester No. 1-3 - Remove S6 and S5	8	29-Mar-25 A	25-Apr-25 A		Sludge Digester No. 1-3 - Remove S6 and S5																															
SD1-3 : Civil and Structural Works																																					
SD1+2 : Structure																																					
Z3S3-6450	Sludge Digester No. 1+2 - Waterproofing	5	23-Apr-25 A	03-May-25	-250	Sludge Digester No. 1+2 - Waterproofing																															
Z3S3-2270	Sludge Digester No. 1+2 - Structure (Base slab) (-8.9 to -6.8mPD)	24	06-May-25	03-Jun-25	-250	Sludge Digester No. 1+2 - Structure (Base slab) (-8.9 to -6.8mPD)																															
Z3S3-5560	Sludge Digester No. 1+2 - Structure (pour 1, inclined face and wall kicker) (-6.8 to -4.9mPD)	24	04-Jun-25	02-Jul-25	-242	Sludge Digester No. 1+2 - Structure (pour 1, inclined face and wall kicker) (-6.8 to -4.9mPD)																															
Z3S3-2350	Sludge Digester No. 1+2 - Structure (pour 2) (-4.9 to +1.65mPD)	12	03-Jul-25	16-Jul-25	-242	Sludge Digester No. 1+2 - Structure (pour 2) (-4.9 to +1.65mPD)																															
Z3S3-2390	Sludge Digester No. 1+2 - Structure (pour 3) (+1.65 to +8.2mPD)	12	17-Jul-25	30-Jul-25	-242	Sludge Digester No. 1+2 - Structure (pour 3) (+1.65 to +8.2mPD)																															
SD3 : Structure																																					
Z3S3-6460	Sludge Digester No. 3 - Waterproofing	5	06-May-25	10-May-25	-243	Sludge Digester No. 3 - Waterproofing																															
Z3S3-6220	Sludge Digester No. 3 - Structure (Base slab) (-8.9 to -6.8mPD)	24	20-May-25	17-Jun-25	-250	Sludge Digester No. 3 - Structure (Base slab) (-8.9 to -6.8mPD)																															
Z3S3-5270	Sludge Digester No. 3 - Structure (pour 1, inclined face and wall kicker) (-6.8 to -4.9mPD)	24	18-Jun-25	16-Jul-25	-250	Sludge Digester No. 3 - Structure (pour 1, inclined face and wall kicker) (-6.8 to -4.9mPD)																															
Z3S3-5280	Sludge Digester No. 3 - Structure (pour 2) (-4.9 to +1.65mPD)	12	17-Jul-25	30-Jul-25	-250	Sludge Digester No. 3 - Structure (pour 2) (-4.9 to +1.65mPD)																															
Biogas Holder No. 1 (BH1)																																					
BH1 : E&M Installation																																					
ATALZ3BH-1010	BH No. 1 - Installation of pipework and instrumentation in Biogas Holder Valve Chamber No.4	52	26-Jun-24 A	16-May-25	115	BH No. 1 - Installation of pipework and instrumentation in Biogas Holder Valve Chamber No.4																															
ATALZ3BH-1020	BH No. 1 - Instrumentation	30	08-Jul-24 A	16-May-25	115	BH No. 1 - Instrumentation																															
ATALZ3BH-1030	BH No. 1 - Installation of Biogas Booster Pump No.1 & 2	30	08-Jul-24 A	16-May-25	115	BH No. 1 - Installation of Biogas Booster Pump No.1 & 2																															
ATALZ3BH-1040	BH No. 1 - Electrical works (Cable wiring, termination, lightning arrestor)(To alt. power source until L	18	08-Jul-24 A	16-May-25	115	BH No. 1 - Electrical works (Cable wiring, termination, lightning arrestor)(To alt. power source until LVSB@STB energiz)																															
ATALZ3BH-2485	BH No. 1 - Disk assembly inside tank, raise disk, painting on both side	18	15-Jul-24 A	16-May-25	75	BH No. 1 - Disk assembly inside tank, raise disk, painting on both side																															
ATALZ3BH-2495	BH No. 1 - Membrane fixing and wooden planks Installation	21	17-May-25	11-Jun-25	75	BH No. 1 - Membrane fixing and wooden planks Installation																															
ATALZ3BH-2505	BH No. 1 - Installation of tank accessories (telescopic guide, staricase, safety valve, sensors) and tc	15	12-Jun-25	28-Jun-25	75	BH No. 1 - Installation of tank accessories (telescopic guide, staricase, safety valve, sensors) and touch-up paint																															
ATALZ3BH-2515	BH No. 1 - Specialist inspection on structure and membrane	4	30-Jun-25	04-Jul-25	75	BH No. 1 - Specialist inspection on structure and membrane																															
BH1 : Testing & Commissioning																																					
ATALZ3BH-2070	BH No. 1 - T&C - E&M SAT of Biogas Holder No.1 (using Air to test membrane only)	15	05-Jul-25	22-Jul-25	75	BH No. 1 - T&C - E&M SAT of Biogas Holder No.1 (using Air to test membrane only)																															
ATALZ3BH-2090	BH No. 1 - T&C - E&M SAT of whole Biogas Holder No.1 and associated valve and pipework (N2 F	20	05-Jul-25	28-Jul-25	75	BH No. 1 - T&C - E&M SAT of whole Biogas Holder No.1 and associated valve																															
ATALZ3BH-2100	BH No. 1 - T&C - E&M SAT of Biogas Booster Pump No.1 & 2	20	05-Jul-25	28-Jul-25	75	BH No. 1 - T&C - E&M SAT of Biogas Booster Pump No.1 & 2																															
ATALZ3BH-1050	BH No. 1 - Early System Commissioning without H2S Removal System	30	29-Jul-25	27-Aug-25	89	BH No. 1 - Early System Commissioning with																															
BH1 : Diversion Works																																					
Z3S7-2070	BH No. 1 - Temporary system and associated pipeworks for early commissioning of BH1	30	23-Jun-25	28-Jul-25	75	BH No. 1 - Temporary system and associated pipeworks for early commissioning																															
Utility Corridor and Pipe Portal (UC/PP)																																					
Pipe Portal No. 1 (PP1) (Construct with SD1-3)																																					
PP1 : Civil and Structural Works																																					
Z3S5-2180	PP 1 - Backfill (-9.0 to -6.25mPD)	12	03-Jul-25	16-Jul-25	-100	PP 1 - Backfill (-9.0 to -6.25mPD)																															
Z3S5UC1-2210	UC/PP - Plate Load Test (UC&PP-PLTP4)	10	17-Jul-25	28-Jul-25	-100	UC/PP - Plate Load Test (UC&PP-PLTP4)																															
Z3S5-2010	PP 1 - Structure (-6.25 to -4.85mPD, Base Slab)	12	29-Jul-25	11-Aug-25	-100	PP 1 - Structure (-6.25 to -4.85mPD, Base Slab)																															