

Annex A

Work Programme

WBS Path	Activity ID	Activity Name	Dur	Start	Finish	Task ID	Predecessor Details	Successor Details	2018			2019			2020			2021			2022			2023							
									Q1	Q2	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
SA2.6.03 Civil Engineering Works																															
50	SA2.6.03.1	Landfill Cell 2	1289	02-Nov-19	13-Apr-23	30																									
510			449	02-Nov-19	25-Jan-21	810																									
511	6.03.2	63-1900 Earth bund (Eastern)	110	02-Nov-19	19-Feb-20	9	11-1100 FS, 23-2500 FS, 63-4200 FS, 63-1400 FS, 63-2800 FS	63-3500 FS, 63-1500 FS, 63-1800 FS, 63-1900 FS, 63-2000 FS, 63-2100 FS, 63-2200 FS, M12, 1 FS, S0, M2, 2 FS, 63-1100 FS																							
512	6.03.2	63-1100 Earth bund (Western)	110	20-Feb-20	08-Jun-20	84	11-1100 FS, 23-2500 FS, 63-1800 FS, 63-1400 FS, 63-3000 FS	63-1400 FS, 63-1500 FS, 63-1700 FS, 63-3500 FS, 63-3000 FS, 63-1200 FS																							
513	6.03.2	63-1200 Interall bund (Cell 2)	90	09-Jun-20	06-Sep-20	734	11-1100 FS, 23-2500 FS, 63-1800 FS, 63-1400 FS, 63-4400 FS, 63-1100 FS	63-1500 FS																							
514	6.03.2	63-1300 Site Formation	75	02-Mar-19	15-Jan-20	14	11-1100 FS, 23-2500 FS, 63-1800 FS, 63-1400 FS	63-1400 FS, 63-4200 FS																							
515	6.03.2	63-1600 Pump Station (PSR2X)	45	09-Jun-20	23-Jul-20	84	63-1500 FS, 63-1100 FS	63-1600 FS, 63-1700 FS																							
516	6.03.2	63-1500 Living Works	90	01-Oct-20	29-Dec-20	710	41-1500 FS, 63-1000 FS, 63-1100 FS, 63-1200 FS	63-1800 FS, M12, 3 FS, 63-2400 FS																							
517	6.03.2	63-1600 Protective Stone Laying & Leachate Collection Pipe	25	30-Dec-20	23-Jan-21	810	63-1500 FS, 41-1500 FS, 63-1400 FS	32-1800 FS, M12, 3 FS																							
518	6.03.2	63-1700 Install Leachate Force Main	75	24-Jul-20	06-Oct-20	84	63-1100 FS, 41-1500 FS, 63-1400 FS	54-2800 FS, M12, 3 FS																							
519	6.03.2	63-1800 Install Landfill Gas Pipe on earth bund	35	20-Feb-20	26-Mar-20	168	41-1500 FS, 63-1000 FS	54-4000 FS, M12, 3 FS																							
520	SA2.6.03.3	Landfill Cell 3	714	20-Feb-20	02-Feb-22	435																									
521	6.03.3	63-1900 Earth bund (Eastern)	110	20-Feb-20	08-Jun-20	9	11-1100 FS, 63-4200 FS, 63-1000 FS, 63-4300 FS, 63-2800 FS, 63-4200 FS	63-3300 FS, 63-3600 FS, 63-2400 FS, 63-2700 FS, M12, 1 FS, S0, M12, 2 FS, 63-2000 FS, 45, 63-2200 FS																							
522	6.03.3	63-2000 Earth bund (Western)	110	25-Apr-20	12-Aug-20	19	11-1100 FS, 63-1000 FS, 63-1900 FS, 45	63-2300 FS, 63-3400 FS, 63-2600 FS, 63-3700 FS, 63-1500 FS, 45																							
523	6.03.3	63-2100 Interall bund (Cell 3)	105	29-Jun-20	11-Oct-20	789	11-1100 FS, 63-1000 FS, 63-4200 FS, 63-2000 FS, 45	63-2400 FS																							
524	6.03.3	63-2200 Site Formation	75	09-Jun-20	22-Aug-20	9	11-1100 FS, 63-1000 FS, 63-1900 FS	63-3200 FS																							
525	6.03.3	63-2300 Pump Station (PSR3X)	45	23-Aug-20	16-Oct-20	9	63-2200 FS, 63-2000 FS	63-2500 FS, 63-2600 FS																							
526	6.03.3	63-2400 Living Works	100	01-Oct-20	08-Jan-22	435	41-1500 FS, 63-1900 FS, 63-2000 FS, 63-2100 FS, 63-1500 FS	63-2500 FS, M12, 3 FS																							
527	6.03.3	63-2500 Protective Stone Laying & Leachate Collection Pipe	25	09-Jan-21	03-Feb-21	435	63-2400 FS, 41-1500 FS, 63-2300 FS	32-1700 FS, M12, 3 FS																							
528	6.03.3	63-2600 Install Leachate Force Main	75	07-Oct-20	20-Dec-20	9	63-2000 FS, 41-1500 FS, 63-2300 FS	53-2300 FS, 40, 54-2800 FS, M12, 3 FS																							
529	6.03.3	63-2700 Install Landfill Gas Pipe on earth bund	35	09-Jun-20	13-Jul-20	58	41-1500 FS, 63-1900 FS	54-4000 FS, M12, 3 FS																							
530	SA2.6.03.4	Landfill Cell 4	584	07-Sep-21	15-Apr-23	30																									
531	6.03.4	63-2800 Remaining Portion of Butress Wall	120	07-Sep-21	04-Jan-22	484	62-1000 FS																								
532	6.03.4	63-2900 Earth bund (Western) incl. MSE Wall	120	07-Sep-21	04-Jan-22	239	62-1000 FS	63-3300 FS, 63-3100 FS, 63-3200 FS, 63-3400 FS, 63-3800 FS, 63-3000 FS, 63-4100 FS, SS, 40, M, 6, 6 FS, M, 9 FS, M, 8 FS																							
533	6.03.4	63-3000 Site Formation	120	05-Jan-22	04-May-22	239	62-1000 FS, 62-1100 FS, 62-1200 FS, 63-2900 FS	63-3100 FS, 63-4100 FS																							
534	6.03.4	63-3100 Pump Station (PSR4X)	45	05-May-22	18-Jun-22	239	63-3300 FS, 63-2900 FS	63-3300 FS, 63-3400 FS																							
535	6.03.4	63-3200 Living Works	135	01-Oct-22	12-Feb-23	0	41-1500 FS, 63-2900 FS	63-3300 FS, M12, 6 FS																							
536	6.03.4	63-3300 Protective Stone Laying & Leachate Collection Pipe	60	13-Feb-23	13-Apr-23	0	41-1500 FS, 63-3200 FS, 63-3100 FS	12-1900 FS, 32-1800 FS, M12, 6 FS																							
537	6.03.4	63-3400 Install Leachate Force Main & Remove Temporary Leachate Pipe	30	19-Jun-22	18-Jul-22	269	41-1500 FS, 63-2900 FS, 63-3100 FS	12-1900 FS, 32-1800 FS, M12, 6 FS																							
538	SA2.6.03.5	Drainage - Surface Run-Off	750	16-Jan-20	03-Feb-22	464																									
539	6.03.5	63-3500 Perimeter Channel (X0A) at Cell 2 Western Bund	15	09-Jan-20	23-Jun-20	1054	63-1100 FS	12-1900 FS																							
540	6.03.5	63-3600 Perimeter Channel (X0A) at Cell 2 Western Bund	30	09-Jun-20	08-Jul-20	1029	63-1100 FS	63-4000 FS																							
541	6.03.5	63-3700 Perimeter Channel (X0A) at Cell 3 Western Bund	30	13-Aug-20	11-Sep-20	964	63-2000 FS	63-4000 FS																							
542	6.03.5	63-3800 Perimeter Channel (X0A) at Cell 4 Western Bund	20	05-Jan-22	24-Jan-22	464	63-2900 FS	63-4000 FS																							
543	6.03.5	63-3900 Perimeter Channel (X10C) at Cell 4 Western Bund	15	05-Jan-22	19-Jan-22	469	63-2900 FS	63-4000 FS																							
544	6.03.5	63-4000 Connection to Existing OP3	10	25-Jan-22	03-Feb-22	464	63-3900 FS, 63-3900 FS, 63-3700 FS, 63-3800 FS	12-1900 FS																							
545	6.03.5	63-4100 Remove Cut-Off Channel C-7 at bottom of Butress Wall	30	09-Jun-21	08-Jul-21	419	63-2000 SS, 40	63-3000 FS																							
546	6.03.5	63-4200 Temporary Channel (XT) at SENT Infrastructure Area	30	16-Jan-20	14-Feb-20	14	63-1300 FS	63-1900 FS, 63-2100 FS																							
547	SA2.6.03.6	Drainage - Ground Water	85	07-Sep-21	20-Nov-21	529																									
548	6.03.6	63-4300 Construct Temporary Channel (TC-1), from MH-1 to Existing U/C-625	50	07-Sep-21	20-Oct-21	529	23-1900 FS, 11-1300 FS, 62-1000 FS	63-4400 FS																							
549	6.03.6	63-4400 Invert OIV at MH-1 to TC-1	5	27-Oct-21	31-Oct-21	529	63-4300 FS	63-4500 FS, M, 9 FS																							
550	6.03.6	63-4500 Reconnection of GWCP across Cell 4	30	01-Nov-21	30-Nov-21	529	62-1100 FS, 62-1200 FS, 63-4400 FS	12-1900 FS																							
551	SA2.6.03.8	Utilities - Works Associated with Utilities Undertakers	255	15-Nov-20	27-Jul-21	655																									
552	SA2.6.03.8.1	CLP	270	20-Dec-20	27-Jul-21	655																									
553	6.03.8.U1	63-4900 LFG Generator Ongrid Testing	180	30-Dec-20	27-Jun-21	655	32-2400 FS, 12-1200 FS, 64-4000 FS	63-4700 FS																							
554	6.03.8.U1	63-4700 LFG Generator Ongrid Inspection & Verify	30	28-Jun-21	27-Jul-21	655	63-4600 FS	12-1900 FS																							
555	SA2.6.03.8.1.6	Town Gas	55	15-Nov-20	09-Jan-21	855																									
556	6.03.8.U1.6	63-4950 Laying Gas Mains (from LFG to Town Gas PP)	45	15-Nov-20	29-Dec-20	855	54-4000 FF	63-4900 FS																							
557	6.03.8.U1.6	63-4900 Gas Meter Relocation & Connection at LFG	10	30-Dec-20	08-Jan-21	855	63-4900 FS, 54-4000 FS	12-1900 FS																							
558	SA2.6.04	Building & E&M Works	661	01-Oct-19	22-Jul-21	660																									
559	SA2.6.04.C	Part X1 Area C	661	01-Oct-19	22-Jul-21	660																									
560	SA2.6.04.C.1	LFG Treatment Plant	661	01-Oct-19	22-Jul-21	660																									
561	6.04.C.02	64-1100 (2850) Tower 01 C Relocation	15	06-Jul-21	02-Jul-21	660	32-1500 FS	12-1900 FS																							
562	6.04.C.02	64-1100 Absorption Chiller (Optional)	90	01-Oct-19	29-Dec-19	1231	54-2200 FS	12-1900 FS																							
563	SA2.6.08	Landscape Works	613	01-Apr-19	03-Dec-20	691																									
564	SA2.6.08.1	SENT Area - Tree Removal & Transplanting	240	01-Apr-19	26-Nov-19	1254																									
565	6.08.1	68-1000 Assess trees condition and select for transplanting	30	01-Apr-19	03-Apr-19	1254	14-1300 FS	68-1100 FS, 68-1200 FS, 68-1400 FS																							
566	6.08.1	68-1100 Prepare new site to receive trees	90	01-May-19	29-Jul-19	1254	68-1000 FS	68-1200 FS																							
567	6.08.1	68-1200 Transplant selected trees	120	01-May-19	28-Aug-19	1254	68-1000 FS, 68-1100 FS	68-1300 FS																							
568	6.08.1	68-1300 Prune trees prior to removal from Cell 4	90	29-Aug-19	26-Nov-19	1254	68-1200 FS	12-1900 FS																							
569	6.08.1	68-1400 Tree Felling - Part X3	90	01-May-19	28-Jul-19	1384	23-8000 FS, 31-1900 FS, 68-1000 FS	12-1900 FS																							
570	SA2.6.08.2	SENTX Area - Tree Nursery & Tree Planting	583	01-May-19	03-Dec-20	691																									
571	6.08.2	68-1600 Tree Nursery	300	01-May-19	24-Feb-20	1174	14-1800 FS, 58-1000 FS, S0	12-1900 FS, M, 3, 2 FS																							
572	6.08.2	68-1700 Landscaping In New Infrastructure Area	150	07-Jul-20	03-Dec-20	691	54-1000 FS, 23-7900 FS	12-1900 FS																							