Annex A

Work Programme

#	WBS Path	Activity	Activity Name	Dur	Start	Finish	Total Float	Predecessor Detail	Successor Detail
335									
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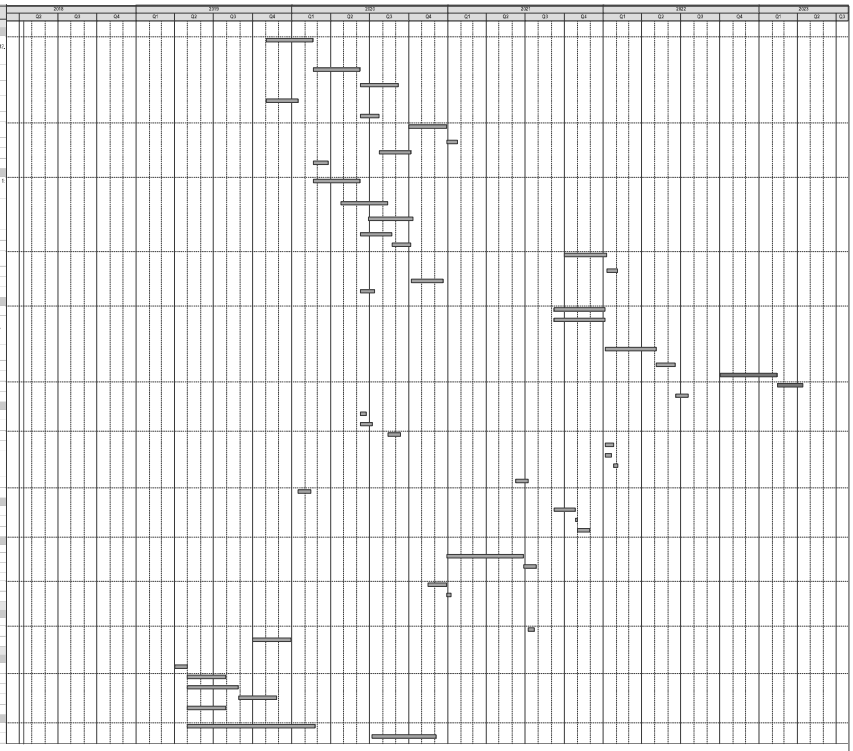
352	SA2.5		Construction (Initial Works)	1153	12-Apr-18	01-Nov-21	705		
353	SA2.5.02		Advance Works & Site Establishment	1143	12-Apr-18	01-Nov-21	38		
354	SA2.5.02.01		Site Establishment & Mobilisation	830	12-Apr-18	02-Nov-20	830		
355	SJ02.21	SA4000	Site Mobilisation for Parts X1 & X2	39	31-Dec-18	25-Jan-20	830	1A-1100: FS, 1H-1000: FS	SA2300: FS, M 3, 1 FS, M 3, 2 FS
356	SJ02.21	SA4100	Site Mobilisation for Parts X3, X4 & X5	39	12-Apr-18	11-May-18	1083	1J-1000: FS, 1J-1400: FS, 1H-1000: FS	SA2300: FS, M 3, 1 FF
357	SJ02.21	SA4300	Temporary Office for Employer / EKPC	60	15-Oct-18	08-Jan-19	0	2A-1000: FS	1H-1000: SS, M 3, 1 FS
358	SJ02.21	SA4400	Hoarding and Fencing Works	43	30-Jul-18	10-Nov-18	830	2A-1000: FS, 2A-1100: FS	2A-1000: FS, MH2, 1 FS-20, MH2, 2 FS-10, MH6, 2 FS
359									
360	SA2.5.02.02		Site Survey & Investigation Works for Parts X1 & X2	13	31-Oct-18	15-Nov-18	840		
361	SJ02.22	SA4400	Condition Survey	25	31-Oct-18	30-Nov-18	840	1A-1100: FS, 1H-1000: FS	SA2300: FS
362	SJ02.22	SA4500	Topographic Survey	20	31-Oct-18	19-Nov-18	845	1A-1100: FS, 1H-1000: FS	SA2300: FS
363	SJ02.22	SA4600	Site Inspection, Review of Condition Survey Report	25	31-Oct-18	15-Nov-18	845	1A-1100: FS, SA4400: FS	SA2300: FS
364	SA2.5.02.03		Site Survey & Investigation Works for Parts X3, X4 & X5	13	12-Apr-18	27-May-18	1183		
365	SJ02.23	SA4700	Condition Survey	25	12-Apr-18	09-May-18	1183	1J-1000: FS, 1J-1400: FS, 1H-1000: FS	SA2300: FS
366	SJ02.23	SA4800	Topographic Survey	20	12-Apr-18	07-May-18	1188	1J-1000: FS, 1J-1400: FS, 1H-1000: FS	SA2300: FS
367	SJ02.23	SA4900	Site Inspection, Review of Condition Survey Report	25	12-Apr-18	31-May-18	1183	SA4700: FS, SA4800: FS	SA2300: FS
368	SA2.5.02.04		Environmental Monitoring	175	02-Jul-18	03-Nov-21	38		
369	SJ02.24	SA2000	Installation of Monitoring Stations & Wells (SP & GW)	120	02-Jul-18	25-Nov-18	0	2A-1000: FS	SA2300: SS 60
370	SJ02.24	SA2100	Installation of Monitoring Stations & Wells (SP & GW) on Bellows Well	120	02-Jul-18	25-Nov-18	0	2A-1000: FS	SA2300: SS 60
371	SJ02.24	SA2200	Contract Baseline Monitoring for Construction (one month)	30	01-Dec-18	30-Dec-18	0	1G-2000: SS 60, SA2100: SS 60	1K-1000: FS
372	SJ02.24	SA2300	Contract Baseline Monitoring for Operation (one year)	365	03-Nov-18	03-Nov-21	38	1G-2000: FS+60, SA2000: FS	1K-1000: FS
373	SA2.5.03		Civil Engineering Works	748	12-Apr-18	23-Nov-21	834		
374	SA2.5.03.0		Bulthouse Wall	475	12-Apr-18	15-Jul-20	84		
375	SJ03.2	SA4000	Section 4b, SENT	300	12-Apr-18	07-Feb-20	56	1J-1000: FS, 2A-2000: FS, 5A-2000: FS, 31-2000: FS, 1J-1400: FS	5A-1100: FS, 5A-1900: FS, 5A-2100: FS, M 3, 1: FS-150, M 3, 1: FS
376	SJ03.2	SA4100	Diversion of SENT Landfill Gas Pipe	45	07-Feb-20	27-Mar-20	56	2A-2000: FS, 5A-3000: FS	5A-3100: FS, 5A-4800: FS, M 3, 1: FS
377	SJ03.2	SA4200	Section 4d Cell 4	630	02-May-18	04-Nov-20	63	1J-1000: FS, 2A-2000: FS, 5A-2000: FS, 11-4600: FS	5A-3100: FS, 5A-3100: FS, M 3, 2: FS, M 3, 6: FS+200
378	SJ03.2	SA4300	Install Landfill Gas Pipe on Bulthouse Wall	75	05-Nov-20	19-Jan-20	63	4A-1000: FS, 5A-1100: FS, 5A-1000: FS, 5A-3000: FS	5A-4100: FS
379									
380	SA2.5.03.1		Landfill Cell 1	103	12-Apr-18	23-Aug-20	194		
381	SJ03.1	SA4400	Earth bund (Eastern)	50	04-May-20	31-Jul-20	9	1A-1100: FS, 2A-2000: FS, 5A-1000: FS, 5A-3000: FS	5A-2100: FS, 5A-2000: FS, 5A-3400: FS, 5A-1000: FS, 5A-1100: FS, 5A-1200: FS, 5A-1300: FS, M 4, 2: FS
382	SJ03.1	SA4500	Earth bund (Southern)	50	28-Apr-20	24-Jul-20	194	1A-1100: FS, 2A-2000: FS, 5A-2000: FS	5A-2100: FS, 5A-2000: FS, 5A-3000: FS, 5A-3400: FS, 5A-2100: FS, 5A-2000: FS
383	SJ03.1	SA4600	Earth bund (Western)	50	12-Apr-18	13-Aug-18	417	1A-1100: FS, 2A-2000: FS	5A-3100: FS, 5A-3000: FS, 5A-3000: FS, 5A-3000: FS
384	SJ03.1	SA4700	Bund (Cell 1C)	75	13-Jun-18	28-Nov-18	432	1A-1100: FS, 2A-2000: FS	5A-3100: FS
385	SJ03.1	SA4800	Site Formation	60	12-Apr-18	13-Aug-18	217	1A-1100: FS, 2A-2000: FS, 3A-1000: FS	5A-3100: FS, 5A-1100: FS, 5A-1000: FS, 5A-1000: FS, M 4, 1: FS+20
386									
387	SJ03.1	SA4900	Pump Station (PS#1X)	45	13-Apr-20	27-May-20	337	5A-1000: FS, 5A-3000: FS	5A-2100: FS, 5A-2000: FS
388	SJ03.1	SA5000	Lining Works	120	03-Nov-20	19-Mar-20	216	4A-1000: FS, 5A-1000: FS, 5A-3000: FS, 5A-1000: FS, 5A-1000: FS, 5A-1100: FS	5A-2100: FS
389									
390	SJ03.1	SA2100	Protective Stone Laying & Leachate Collection Pipe	75	14-Mar-20	29-May-20	216	5A-2000: FS, 4A-1100: FS, 5A-2000: FS	5A-2100: FS, 5A-2000: FS, M 4, 3: FS
391	SJ03.1	SA2200	Install Leachate Pipe Main	75	25-Jul-20	07-Nov-20	440	5A-2000: FS, 5A-3000: FS, 4A-5000: FS, 5A-1000: FS	5A-2100: FS
392									
393	SJ03.1	SA2300	Install Landfill Gas Pipe on earth bund	55	01-Nov-19	23-Dec-20	296	4A-5000: FS, 5A-1100: FS, 5A-2000: FS	5A-2100: FS
394	SJ03.1	SA2400	Leachate Pipe Connection (Cell 1 to LTP)	30	08-Nov-20	07-Dec-20	296	5A-2000: FS, 5A-3000: SS	5A-2100: FS
395	SA2.5.03.4		Landfill Cell 4	38	09-Jul-20	31-Aug-20	144		
396	SJ03.4	SA2500	Provide Temporary Leachate Pipe on Cell 4 Area	30	09-Jul-20	31-Aug-20	144	2A-2000: FS, 5A-2000: SS+90	5A-2100: FS, M 3, 3: FS
397	SA2.5.03.5		Drainage - Surface Water	700	12-Apr-18	23-Jul-21	838		
398	SJ03.5	SA2600	Construct Cut-Off Channel 10A	60	16-Apr-18	16-Jul-18	0	1A-1100: FS, 2A-2000: FS	5A-2100: FS
399	SJ03.5	SA2700	Connect CJ-Off Channel 10A to SPS	20	17-Apr-18	08-Apr-18	0	5A-2000: FS, 31-1400: FS, 2A-2000: FS	5A-2100: FS
400	SJ03.5	SA2800	Diversion from Existing Trapezoidal Channel into Channel 10A	20	09-Apr-18	28-Apr-18	0	5A-1100: FS	5A-1100: FS, 5A-1100: FS, 5A-2000: FS, 5A-3000: FS, 5A-1100: FS, M 3, 3: FS
401									
402	SJ03.5	SA2900	Removal of Existing Trapezoidal Channel along Eastern Bund	30	29-Apr-18	29-May-18	0	5A-2000: FS	5A-2100: FS
403	SJ03.5	SA3000	Cut-Off Channel 10 Diversion to Cut-Off Channel 11-2	45	16-Jun-18	29-Nov-18	83	1A-2000: FS, 5A-2000: FS	5A-1100: FS, 5A-1100: FS
404	SJ03.5	SA3100	Cut-Off Channel 11 on Bellows Well Cell 4, Cell 3	90	09-Apr-18	03-Jul-18	208	5A-2000: FS, 5A-3100: FS	5A-3100: FS
405	SJ03.5	SA3200	Temporary Diversion Cut-Off Channel 10 to 10A	20	04-Jul-18	23-Jul-18	208	5A-3100: FS, 2A-2100: FS	5A-3100: FS, M 3, 4: FS
406	SJ03.5	SA3300	Culvert 4A (km 1.4) & Farm Connection of Cut-Off Channel 4b	30	26-Nov-18	24-Jan-19	134	5A-1100: FF, 5A-1600: FS, 5A-3000: FS	5A-1300: FS
407	SJ03.5	SA3400	Construct Perimeter Channel 4b on Eastern Bund & Southern Bund of Cell 1	60	12-Nov-18	31-Jan-19	240	5A-4000: FS, 5A-1300: FS	5A-3100: FS
408	SJ03.5	SA3500	Construct Perimeter Channel 4b on Eastern Bund of Cell 2	50	28-Jul-18	05-Apr-18	168	5A-3000: FS, 5A-3400: FS	5A-3100: FS
409	SJ03.5	SA3600	Construct Perimeter Channel 4b Eastern Bund of Cell 3	50	09-Nov-18	28-Jan-19	120	5A-3100: FS, 5A-3400: FS	5A-3100: FS
410	SJ03.5	SA3700	Culvert 4A (km 1.8) of Cell 1 Southern Bund	15	28-Jul-18	07-Nov-18	1214	5A-3100: FS	
411	SJ03.5	SA3800	Perimeter Channel 4b of Cell 1 Southern & Western Bund	45	03-Jul-18	13-Nov-18	1344	5A-3100: FS, 5A-3100: FS	
412	SJ03.5	SA3900	Drop Inlet & Culvert (KB) +7 m long	100	29-Jul-18	31-Dec-18	120	1A-1100: FS, 2A-2000: FS, 5A-3000: FS	5A-3100: FF, 5A-4100: FF, 5A-3000: FS, M 3, 1: FS-40, MH5, 2: FS
413									
414	SJ03.5	SA4000	Sediment Trap (ST)	100	29-Jul-18	24-Nov-18	120	1A-1100: FS, 2A-2000: FS, 11-2300: FS, 5A-3000: FF	5A-3000: FS, M 3, 3: FS-20, M 3, 4: FS
415	SJ03.5	SA4100	Dual Culvert 7m long (connects DP4)	100	29-Jul-18	24-Nov-18	120	1A-1100: FS, 11-2300: FS, 2A-3000: FS, 5A-3000: FF	5A-3300: FF, 5A-4000: FS, M 3, 1: FS-40, M 3, 2: FS
416									
417	SA2.5.03.6		Drainage - Ground Water	330	04-May-18	14-Nov-18	378		
418	SJ03.6	SA4200	Construct Groundwater Collection Pipe along Cell X1 & X2 Eastern Bund	70	04-May-18	03-Aug-18	0	1A-1100: FS, 2A-2000: FS, 5A-3000: FS	5A-1100: FS, 5A-3000: FS, 5A-4000: FS, 5A-5000: FS
419									
420	SJ03.6	SA4300	Construct Groundwater Collection Pipe along Cell X3 Eastern Bund	50	04-Aug-18	22-Nov-18	158	5A-3000: FS	5A-4000: FS, 5A-3000: FS
421	SJ03.6	SA4400	Construct Groundwater Collection Pipe along Internal Bund (X3X4)	50	23-Aug-18	11-Nov-18	208	5A-3000: FS	5A-4000: FS, 5A-3000: FS
422	SJ03.6	SA4500	Construct Manhole (MH47)	30	12-Nov-18	14-Dec-18	203	5A-4000: FS	5A-3000: FS, M 3, 5: FS
423	SA2.5.03.7		Utilities - Distribution within New Infrastructure Area	201	14-Jun-18	04-Dec-18	215		
424	SJ03.7	SA4600	Power Supply PV Works (Transformer & HV switchgear)	5	30-Jun-18	06-Jul-18	0	5A-2000: FS	5A-3300: FS
425	SJ03.7	SA4700	Power Distribution, LV Power Supply Works	2	09-Jul-18	09-Jul-18	0	5A-3100: FS, 5A-2000: FS	1A-1900: FS
426	SJ03.7	SA4800	Sewerage (Sewerage Reticulation to LTP)	60	01-Jul-18	04-Jul-18	271	5A-3000: FS, 5A-2100: FS, 5A-2000: FS, 5A-1100: FS	5A-3100: FS, 5A-3100: FS
427									
428	SJ03.7	SA4900	Sewerage (Discharge to Site Boundary)	60	01-Jul-18	04-Jul-18	271	5A-3000: FS, 5A-1100: FS, 5A-4000: FS	1A-1100: FS, 5A-3100: FS
429	SJ03.7	SA5000	Lighting Provision	30	01-Jul-18	04-Aug-18	6	5A-2000: FS, 5A-1100: FS, 5A-4000: FS	1A-1100: FS, 5A-3100: FS
430	SJ03.7	SA5100	Fire Services	110	13-Mar-18	08-Jul-18	2	5A-3000: FS	1A-1900: FS
431	SJ03.7	SA5200	Water Supply (Fresh & Salt)	110	13-Mar-18	08-Jul-18	338	5A-3000: FS, 5A-1100: FS	1A-1100: FS
432	SJ03.7	SA5300	Telecom & Network	43	17-Apr-18	24-Jun-18	620	5A-3000: FS	1A-1100: FS
433	SJ03.7	SA5400	Gas Network (LPG to LTP)	15	28-Jun-18	09-Jul-18	178	5A-3000: FF	5A-3300: FS
434	SA2.5.03.8		Utilities - Works Associated with Utilities Undertakers	703	27-Jul-18	30-Jun-21	128		
435	SA2.5.03.8.1		CLP	508	27-Jul-18	30-Nov-21	43		
436	SJ03.8.1/P	SA5500	Excavate Trench for CLP Cable	100	13-May-19	30-Aug-19	104	2A-2000: FS	5A-5000: FS, 5A-1300: SS, 5A-1100: SS, 5A-4000: SS, MH3, 1: FS+40, MH3, 2: FS+40, MH3, 3: FS
437									
438	SJ03.8.1/P	SA5600	Backfill Trench after CLP Cable Laying	30	19-May-19	30-May-19	43	5A-5000: FS	5A-5000: FF, 5A-4100: FF, 5A-4000: FF
439	SJ03.8.1/P	SA5700	CLP Cable Laying (from CLP Substation to Site Boundary)	200	27-Jul-18	16-Jul-19	328	5A-2000: FS	5A-3000: FS
440	SJ03.8.1/P	SA5800	CLP Cable Laying (from Site Boundary to HV Switchroom)	60	03-Mar-20	28-Jul-20	0	5A-3000: FS, 5A-2000: FS, 5A-3000: FS, 5A-5000: FF 15	5A-3000: FS, 5A-3000: FS
441									
442	SJ03.8.1/P	SA5900	CLP HV associated equipment installation	120	19-Dec-19	13-Apr-20	0	5A-2000: FS, 5A-3000: FS	5A-3000: FF 15
443	SA2.5.03.8.2		DSD	187	30-Dec-20	30-Jun-21	128		
444	SJ03.8.2/P	SA6000	Connection to Storm Drain System	2	29-Jun-21	30-Jun-21	128	5A-3100: FS, 5A-2000: FS, 5A-2000: FS	5A-1900: FS
445	SJ03.8.2/P	SA6100	Connection to Foul Drain System	5	30-Dec-20	04-Jan-21	271	5A-3000: FS, 5A-2000: FS	5A-1900: FS
446	SA2.5.03.8.3		Telecom	100	13-May-19	30-Jun-19	327		
447	SJ03.8.3/P	SA6200	Excavate Trench for PCCW	60	13-May-19	11-Jul-19	307	2A-2000: FS	5A-5000: FS, 5A-1300: SS, 5A-4000: SS, 5A-5000: SS, MH3, 1: FS+40, MH3, 2: FS+20, M 3, 3: FS
448									
449	SJ03.8.3/P	SA6300	Backfill Trench after PCCW Cable Laying	10	12-Aug-19	30-Aug-19	327	5A-5000: FS	5A-3000: FF, 5A-4100: FF, 5A-4000: FF
450	SJ03.8.3/P	SA6400	Laying Cables & Connection	30	13-Jul-19	10-Aug-19	327	5A-3000: FS	5A-3300: FS, 5A-3300: FS
451	SA2.5.03.8.4		WSD	304	13-May-19	13-Dec-19	128		
452	SJ03.8.4/P	SA6500	Install Watermain & Piping for Water Supplies	60	13-May-19	11-Jul-19	216	2A-2000: FS	5A-5000: FS, 5A-4100: FS, 5A-5000: FS, 5A-5000: FS
453									
454	SJ03.8.4/P	SA6600	Connection for Fresh Water & Meter Installation	30	13-Jul-20	13-Aug-20	338	5A-3000: FS, 5A-2000: FS	5A-3200: FS
455	SJ03.8.4/P	SA6700	Connection for Salt Water	30	13-Jul-20	13-Aug-20	338	5A-3000: FS, 5A-2000: FS	5A-3200: FS
456	SJ03.8.4/P	SA6800	Connection for Fire Services	30	13-Jul-20	13-Aug-20	2	5A-3000: FS, 5A-2000: FS	5A-3100: FS
457	SJ03.8.4/P	SA6900	Connection for Cooling Tower & Meter Installation	30	13-Jul-20	13-Aug-20	117	5A-3000: FS, 5A-2000: FS	5A-3100: FS, 5A-3000: FS
458	SA2.5.03.8.5		HK Lighting	120	07-Jul-18	04-Nov-21	218		
459	SJ03.8.5/P	SA7000	Installation of Public Street Lighting / Handover	120	07-Jul-18	04-Nov-21	218	5A-4100: FS, 5A-4000: FS, 5A-5000: FS	5A-1900: FS
460									
461	SA2.5.04		Building Construction, incl. E&M and System Installation, and T&C	800	31-Oct-18	31-Jul-21	0		
462	SA2.5.04.A		Part X1 Area A	554	31-Oct-18	05-Jul-20	30		
463	SJ04.A	SA1000	General Area & Access Road	120	08-Mar-20	05-Jul-20	0	2A-3300: FS, 5A-5000: SS, 5A-5000: FF, 5A-3000: SS, 5A-5000: FF, 1A-1100: FS, 5A-4000: FF, 5A-5100: FS, 5A-5000: FF	2A-3100: FS, 2A-3100: SS, 2A-4000: FS, 5A-5000: FS, 5A-5000: FS, 5A-5100: FS, 5A-5100: FS
464									
465	SJ04.A	SA1100	Carpark & Supporting Area	60	31-Oct-18	28-Jan-19	84	2A-3300: FS, 1A-1100: FS	2A-3300: FS, M 3, 1: FS-30, M 3, 2: FS, 5A-4000: FF, 5A-1900: FS
466									
467	SJ04.A	SA1200	Diesel Fuel Tanks	60	08-May-20	05-Jul-20	30	2A-3300: FS, 2A-3000: FS, 12-4000: FF, 1A-1100: FS	5A-1900: FS
468									
469	SJ04.A	SA1300	EPD Building	270	30-Apr-19	30-Jan-20	46	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-1700: SS 60	5A-1900: FS, M 3, 4: FS+135, M 3, 5: FS, 1A-4000: FS, 5A-1400: SS 60
470									
471	SJ04.A	SA1400	Fire Service Tank	270	29-Apr-19	24-Nov-19	44	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-1400: SS 60	5A-1900: FS, M 3, 6: FS, 1A-4000: FS, 5A-1400: SS 60
472									
473	SJ04.A	SA1500	WA, Building	300	31-Oct-18	28-Oct-19	44	2A-3300: FS, 2A-3000: FS, 1A-1100: FS	5A-1900: FS, M 3, 1: SF 30, M 3, 2: SF 60, M 3, 3: FS, 5A-1400: SS 60
474									
475	SJ04.A	SA1600	Laboratory Building	270	29-Apr-19	23-May-19	44	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-1400: SS 60	5A-1900: FS, M 3, 6: FS+135, M 3, 7: FS, 1A-4000: FS, 5A-1400: SS 60
476									
477	SJ04.A	SA1700	Maintenance Building & Area	270	09-Nov-19	05-Nov-19	44	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-1500: SS 60	5A-1900: FS, M 3, 6: FS+135, M 3, 9: FS, 1A-4000: FS, 5A-1400: SS 60
478									
479	SJ04.A	SA1800	Storage Facility & Area	60	04-Mar-19	29-Apr-19	84	2A-3300: FS, 1A-1100: FS, 5A-1400: FS	5A-1900: FS, M 3, 10: FS+135, M 3, 12: FS, 5A-1900: FF, 5A-1900: FS
480									
481	SJ04.A	SA1900	Waste Oil Tanks	90	08-Mar-20	06-Jul-20	30	2A-3300: FS, 2A-3000: FS, 12-4000: FF, 1A-1100: FS	5A-1900: FS
482									
483	SJ04.A	SA2000	Water Service House	90	30-Apr-19	28-Jul-19	84	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-1900: FS	5A-1100: FS, M 3, 13: FS, 1A-1000: FS, 5A-4400: FS
484									
485	SA2.5.04.B		Part X1 Area B	800	31-Oct-18	31-Jul-21	0		
486	SA2.5.04.B.1		Bus/Rest Building	310	31-Oct-18	12-Dec-19	243		
487	SJ04.B.1	SA2100	LTP Bus/Rest Building	300	31-Oct-18	12-Dec-19	243	2A-3300: FS, 2A-3000: FS, 2A-3000: FS, 1A-1100: FS, 3A-2000: FS	5A-2100: FS, 5A-2000: FS, M 4, 2: FS+20, M 4, 3: FS
488									
489	SA2.5.04.B.2		Leachate Treatment Plant	500	31-Oct-18	31-Jul-21	21		
490	SJ04.B.2	SA2200	Main Plant Area (excluded Civil works	274	31-Oct-18	30-Oct-19	0	2A-3300: FS, 2A-3000: FS, 1A-1100: FS	5A-2300: FS, 5A-2300: FS, 5A-2300: FS, 5A-4100: FS, M 5, 1: SF 30, M 5, 4: FS+131, M 5, 5: FS
491									
492	SJ04.B.2	SA2300	MEP Installation	226	01-Dec-19	03-May-20	0	4A-2100: FS, 4A-2000: FS, 2A-2100: FS, 5A-2000: FS, 1A-1100: FS	1A-1100: FS+90, 5A-1800: FS, 5A-3000: FS, M 5, 8: FS+193, M 5, 9: FS, 2A-2100: FS
493									
494	SJ04.B.2	SA2400	SBR Tanks	100	01-Dec-19	09-Mar-20	238	4A-2100: FS, 5A-2000: FS	5A-3000: FS, M 5, 6: FS
495	SJ04.B.2	SA2500	Ammonia Stripper	315	01-Dec-19	03-Aug-20	21	4A-2000: FS, 5A-2000: FS	5A-3000: FS, M 5, 8: FS+150, M 5, 9: FS
496	SA2.5.04.B.3		LTP - Test & Commission	301	17-Aug-20	31-Jul-21	0		
497	SJ04.B.3	SA2600	Dry testing	45	17-Aug-20	24-Oct-20	21	5A-2000: FS, 5A-2400: FS, 5A-2600: FS	2A-4000: FS+150, 2A-4000: SS, 5A-2700: FS, M 5, 1: FS
498									
499	SJ04.B.3	SA2700	Wet testing	75	30-Nov-20	09-Dec-20	21	5A-2000: FS, 12-2100: FS, 5A-2000: FS, 3A-2000: FS, 2A-4000: FS	5A-2000: FS, M 5, 2: FS
500									
501	SJ04.B.3	SA2800	Operational testing	169	30-Nov-20	01-Jul-21	0	5A-2700: FS, 5A-2400: FS, 5A-2500: FS, 5A-2100: FS, 5A-2000: FS, 5A-2700: FS, 5A-2600: FS, 5A-2600: FS, 5A-4000: FS, 5A-4000: FS	5A-3000: FS, M 5, 3: FS, M 5, 4: FS
502									
503	SA2.5.04.C		Part X1 Area C	730	31-Oct-18	29-Dec-20	0		
504	SA2.5.04.C.1		LPG - Power Supply Building	530	31-Oct-18	29-Dec-20	5		
505	SJ04.C.1	SA2900	LPG Building (with Transformer Room)	336	31-Oct-18	17-Dec-19	0	2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 3A-1100: FS	5A-4000: FS, 5A-4000: FS, 5A-4000: FS, 5A-3100: FS, M 3, 8: FS
506									
507	SJ04.C.1	SA3000	Transformer & HV Switchgear Installation	60	01-Mar-20	29-Jun-20	0	5A-2000: FS, 4A-1100: FS, 5A-4000: FS, 5A-2100: FS	5A-4000: FS, M 3, 4: FS+30, M 3, 5: FS, M 3, 6: FF
508									
509	SJ04.C.1	SA3100	MEP Installation, with T&C	75	16-Dec-19	07-Mar-20	125	5A-2000: FS	5A-4000: FS, 5A-2100: FS, 5A-4000: FS, 5A-4000: FS, M 3, 4: FS+30, M 3, 5: FS
510	SA2.5.04.C.2		LPG Treatment Plant	554	31-Oct-18	09-Jul-20	0		
511	SJ04.C.2	SA3200	Main Plant Area (excluded Civil Works	394	31-Oct-18	09-Mar-20	0	2A-3300: FS, 1A-1100: FS	5A-3000: FS, 5A-4000: FS, 5A-3000: FS, 5A-3000: FS, 5A-2700: FS, 5A-3000: FS, 5A-3000: FS, M 3, 1: SF 30, M 3, 2: FS+200, M 3, 3: FS
512									
513	SJ04.C.2	SA3300	MEP Installation	119	16-Jun-20	06-Jul-20	0	5A-2000: FS, 12-2000: FF	5A-2000: FS, 5A-4000: FS, 5A-2000: FS, M 3, 4: FS+20, M 3, 5: FS
514									
515	SJ04.C.2	SA3400	GY5000 & Diesel 901 A&B Relocation	15	16-Jun-20	07-Mar-20	155	5A-2000: FS, 5A-4000: FS	5A-2000: FS, M 3, 4: FS+5, M 3, 5: FS
516	SJ04.C.2	SA3500	Pre-treatment	60	16-Jun-20	18-Mar-20	110	4A-2000: FS, 5A-2000: FS	5A-2000: FS, M 3, 4: FS+20, M 3, 5: FS
517	SJ04.C.2	SA3600	Piping (incl. PLC control, interface to Tuengun PF & LTP)	125	16-Jun-20	23-May-20	45	4A-3000: FS, 5A-4000: FS	5A-2000: FS, M 3, 4: FS+40, M 3, 5: FS
518	SJ04.C.2	SA3700	UFG Piping (incl. anti-corrosion protection, PLC control, flushing)	110	29-Nov-20	09-Jun-20	27	4A-3000: FS, 5A-4000: FS	5A-3000: FS, M 3, 4: FS+40
519	SJ04.C.2	SA3800	Cooling System	45	29-Nov-20	12-Jan-20	125	2A-4000: FS, 5A-4000: FS	5A-2000: FS, M 3, 4: FS+50, M 3, 5: FS
520									
521	SA2.5.04.C.3		LPG - Test & Commission	175	01-Jul-20	29-Dec-20	0		
522	SJ04.C.3	SA3900	MEP Testing	65	01-Jul-20	30-Sep-20	0	5A-2000: FS, 5A-2000: FS, 5A-2000: FS, 5A-2000: FS, 5A-2000: FS, 5A-2000: FS, 5A-2200: FS, 5A-2000: FS, 3A-2000: FS, 5A-2000: FS	2A-7000: SS+60, 2A-3000: SS, 5A-4000: FS, MH1, 1: FS+20, MH1, 2: FS
523									
524	SJ04.C.3	SA4000	Operational Testing	111	10-Nov-20	29-Dec-20	0	5A-2300: FS, 5A-2400: FS, 5A-2600: FS, 5A-2000: FS, 5A-2100: FS, 5A-2000: FS, 2A-2200: FS	2A-7000: FS, 5A-4000: FS, 5A-4000: FF, 5A-4000: FS, 5A-4000: FS, MH1, 3: FS, MH1, 4: FS
525									
526	SA2.5.04.D		Part X1 Area D	374	30-Jun-19	06-Jul-20	0		
527	SJ04.D	SA4100	General Area & Access Road	120	09-Nov-20	06-Jul-20	0	2A-3300: FS, 5A-5000: SS, 5A-5000: FF, 5A-3000: SS, 5A-5000: FF, 12-4000: FF, 1A-1100: FS	5A-5100: FS, 5A-5000: FS, 5A-5000: FS, 5A-5000: FS, 5A-5100: FS, 5A-5100: FS
528									
529	SJ04.D	SA4200	VWF Building	120	30-Oct-19	04-Feb-20	63	2A-3300: FS, 2A-3000: FS, 4A-4000: FS, 1A-1100: FS	5A-2100: FS, M 3, 4: FS, M 3, 6: FS+40, M 3, 7: FS, 12-1000: FS, 5A-4000: SS 60
530									
531	SJ04.D	SA4300	Weighbridge	75	30-Nov-19	11-Mar-19	63	4A-2000: FS, 2A-3300: FS, 2A-3000: FS, 1A-1100: FS, 5A-4000: SS 60	5A-2100: FS, M 3, 6: FS+40, M 3,

P	WBS Pack	Activity ID	Activity Name	Dur	Start	Finish	Total Float	Predecessor Detail	Successor Detail
308		**SA2.6.0.3**	**Cell Engineering Works**	1250	03-Mar-19	13-Jul-24	36		
310		**SA2.6.0.3.1**	**Landfill Cell 2**	440	03-Mar-19	23-Dec-20	850		
311		6J03.J	Earth bund (Eastern)	110	03-Mar-19	10-Aug-20	9	1A-1100 FS, 2A-2000 FS, 5A-5400 FS, 5X-1400 FS, 6A-2000 FS	6A-3000 FS, 6X-1500 FS, 6X-3000 FS, 6X-3100 FS, 6X-3200 FS, 6X-3300 FS, 6X-3500 FS, 6X-3600 FS, M12, 1 FS -40, M12, 2 FS, 6X-1000 FS
312		6J03.J	Earth bund (Western)	110	20-Mar-19	18-Jun-20	64	1A-1100 FS, 2A-2000 FS, 5A-5400 FS, 5X-1400 FS, 6A-2000 FS	6A-3000 FS, 6X-1500 FS, 6X-1700 FS, 6X-3000 FS, 6X-3400 FS, 6X-3500 FS
313		6J03.J	Inner Bund (Cell 2b)	90	07-Jun-19	08-Sep-20	734	1A-1100 FS, 2A-2000 FS, 5A-5400 FS, 5X-1400 FS, 5A-6600 FS, 6A-1000 FS	6A-3400 FS
314		6J03.J	Site Formation	75	03-Mar-19	15-Jun-20	11	1A-1100 FS, 2A-2000 FS, 5A-5400 FS, 5X-1400 FS	6A-3000 FS, 6A-3200 FS
315		6J03.J	Pump Station (PSR2X)	45	07-Jun-20	31-Jul-20	54	6A-3000 FS, 6A-1000 FS	6A-3400 FS, 6A-1700 FS
316		6J03.J	Lining Works	90	01-Jul-20	09-Dec-20	710	1A-1100 FS, 6A-1000 FS, 6A-1100 FS, 6A-3300 FS	6A-3400 FS, M12, 3 FS, 6A-3400 FS
317		6J03.J	Protective Stone Laying & Leachate Collection Pipe	25	30-Dec-20	23-Jan-21	510	6A-3000 FS, 4A-1000 FS, 6A-4100 FS	6A-3400 FS, M12, 3 FS
318		6J03.J	Install Leachate Force Main	75	24-Jul-20	06-Oct-20	64	6A-1100 FS, 4A-1000 FS, 6A-4100 FS	6A-3400 FS, M12, 3 FS
319		6J03.J	Install Landfill Gas Pipe on earth bund	35	20-Jul-20	31-Aug-20	168	4A-1000 FS, 6A-3000 FS	6A-3400 FS, M12, 3 FS
320		**SA2.6.0.3.2**	**Landfill Cell 3**	710	03-Mar-19	02-Feb-22	436		
321		6J03.J	Earth bund (Eastern)	110	20-Mar-19	18-Jun-20	9	1A-1100 FS, 2A-2000 FS, 5A-5400 FS, 5X-1400 FS, 6A-2000 FS	6A-3000 FS, 6X-1500 FS, 6A-3100 FS, 6A-3200 FS, 6A-3300 FS, M12, 1 FS -40, M12, 2 FS, 6A-3300 FS -40, 6X-2000 FS
322		6J03.J	Earth bund (Western)	110	29-Apr-19	12-Aug-20	19	1A-1100 FS, 2A-2000 FS, 6A-3400 FS -45	6A-3000 FS, 6A-3400 FS, 6A-3500 FS, 6A-3700 FS, 6A-3700 FS -45
323		6J03.J	Inner Bund (Cell 3b)	105	29-Jun-19	11-Feb-20	769	1A-1100 FS, 6A-3000 FS, 6A-3100 FS, 6A-3200 FS -45	6A-3400 FS
324		6J03.J	Site Formation	75	09-Jun-19	17-Aug-20	9	1A-1100 FS, 6A-3000 FS, 6A-3400 FS	6A-3400 FS
325		6J03.J	Pump Station (PSR3X)	45	23-Aug-19	08-Oct-20	9	6A-3000 FS, 6A-3000 FS	6A-3400 FS, 6A-3600 FS
326		6J03.J	Lining Works	100	01-Oct-20	04-Mar-21	435	4A-1000 FS, 6A-3000 FS, 6A-3000 FS, 6A-3100 FS, 6A-3100 FS	6A-3400 FS, M12, 3 FS
327		6J03.J	Protective Stone Laying & Leachate Collection Pipe	25	05-Nov-20	02-Feb-21	435	6A-3000 FS, 4A-1000 FS, 6A-3000 FS	6A-3400 FS, M12, 3 FS
328		6J03.J	Install Leachate Force Main	75	07-Oct-20	29-Dec-20	9	6A-3000 FS, 4A-1000 FS, 6A-3000 FS	6A-3400 SS -80, 6A-3600 FS, M12, 3 FS
329		6J03.J	Install Landfill Gas Pipe on earth bund	35	09-Nov-20	13-Jan-21	56	4A-1000 FS, 6A-3000 FS	6A-3400 FS, M12, 3 FS
330		**SA2.6.0.4**	**Landfill Cell 4**	550	01-Nov-21	13-Jul-23	38		
331		6J03.J	Remaining Portion of Baffles Wall	120	01-Nov-21	04-Jun-22	494	6A-1000 FS	
332		6J03.J	Earth bund (Western) incl. NSE Wall	120	01-Nov-21	04-Jun-22	239	6A-1000 FS	6A-3000 FS, 6A-3100 FS, 6A-3200 FS, 6A-3400 FS, 6A-3500 FS, 6A-3600 FS, 6A-4100 SS -40, M12, 6 FS -30, M12, 7 FS -30, M12, 8 FS
333		6J03.J	Site Formation	120	01-Nov-21	04-May-22	239	6A-1000 FS, 6A-1100 FS, 6A-3100 FS, 6A-3600 FS, 6A-4100 FS	6A-3100 FS
334		6J03.J	Pump Station (PSR4X)	45	05-May-22	15-Jun-22	239	6A-3000 FS, 6A-3600 FS	6A-3400 FS, 6A-3400 FS
335		6J03.J	Lining Works	135	01-Oct-22	12-Feb-23	0	4A-1000 FS, 6A-3000 FS	6A-3000 FS, M12, 8 FS
336		6J03.J	Protective Stone Laying & Leachate Collection Pipe	60	13-Feb-23	13-Apr-23	0	4A-1000 FS, 6A-3000 FS, 6A-3100 FS	6A-3000 FS, 6A-3100 FS, M12, 8 FS
337		6J03.J	Install Leachate Force Main & Remove Temporary Leachate Pipe	30	13-Apr-23	05-Jul-23	269	4A-1000 FS, 6A-3000 FS, 6A-3100 FS	6A-3100 FS, 6A-3100 FS, M12, 8 FS
338		**SA2.6.0.5**	**Drainage - Surface Run-Off**	750	10-Apr-19	03-Feb-22	494		
339		6J03.J	Perimeter Channel (V6A) at Cell 2 Western Bund	15	03-Apr-19	23-Apr-19	6084	6A-1100 FS	6A-3100 FS
340		6J03.J	Perimeter Channel (V7A) at Cell 2 Western Bund	30	08-Apr-19	19-Apr-19	6029	6A-1100 FS	6A-3100 FS
341		6J03.J	Perimeter Channel (V7A) at Cell 3 Western Bund	30	13-Apr-20	11-May-20	394	6A-3000 FS	6A-3100 FS
342		6J03.J	Perimeter Channel (V7A) at Cell 4 Western Bund	20	30-Apr-21	24-May-21	494	6A-3000 FS	6A-3100 FS
343		6J03.J	Perimeter Channel (V7C) at Cell 4 Western Bund	15	30-Apr-21	13-May-21	499	6A-3000 FS	6A-3100 FS
344		6J03.J	Connection to Existing DPS	10	25-Apr-22	03-Feb-22	494	6A-3000 FS, 6A-3100 FS, 6A-3100 FS, 6A-3600 FS	6A-3100 FS
345		6J03.J	Remove CL-A2R Channel (CL-2 at section of Baffles Wall)	30	30-Jun-22	30-Jul-22	619	6A-3000, SS -80	6A-3000 FS
346		6J03.J	Temporary Channel (NTT) at EBNT Infrastructure Area	30	30-Jun-22	14-Feb-22	14	6A-3000 FS	6A-3100 FS, 6A-3100 FS
347		**SA2.6.0.6**	**Drainage - Ground Water**	55	01-Nov-21	30-Jun-22	539		
348		6J03.J	Construct Temporary Channel (TC-1) from M-14 to Existing UC-E25	50	01-Nov-21	29-Dec-21	539	2A-1000 FS, 1A-1000 FS, 6A-3000 FS	6A-4000 FS
349		6J03.J	Open Gully at Km 1 to TC-1	5	29-Nov-21	04-Dec-21	539	6A-4000 FS	6A-4100 FS, M1A, 9 FS
350		6J03.J	Reconnection of GWCP across Cell 4	30	01-Jun-22	30-Jun-22	539	6A-1100 FS, 6A-3100 FS, 6A-4000 FS	1A-1100 FS
351		**SA2.6.0.9**	**Utilities - Works Associated with Utilities Undertakers**	200	15-Nov-21	31-Jul-22	656		
352		**SA2.6.0.9.1**	**CLP**	210	15-Nov-21	31-Jul-22	656		
353		6J3L5.1P	LPG Generator Overall Testing	180	30-Dec-21	27-Jun-22	656	5A-5500 FS, 1A-1100 FS, 5A-5600 FS	6A-1100 FS
354		6J3L5.1P	LPG Generator Overall Inspection & Verify	30	30-Jun-22	31-Jul-22	656	6A-4000 FS	1A-1100 FS
355		**SA2.6.0.9.2**	**TownGas**	15	15-Nov-21	06-Dec-21	656		
356		6J3L5.1M	Laying Gas Mains from LPG to Tower Gas (TP)	45	15-Nov-21	29-Dec-21	656	5A-5500 FF	6A-4000 FS
357		6J3L5.1M	Gas Meter Relocation & Connection at LPG	10	30-Dec-21	06-Jan-22	656	6A-4000 FS, 6A-4000 FS	1A-1100 FS
358		**SA2.6.0.9.4**	**Building & E&M Works**	601	01-Jul-20	23-Jul-21	650		
359		**SA2.6.0.9.4C**	**Part XI Area-C**	601	01-Jul-20	23-Jul-21	650		
360		**SA2.6.0.9.4C.02**	**LPG Temporary Plant**	601	01-Jul-20	23-Jul-21	650		
361		6J4L1.C2.0	UR1/DG Hyper/B01 C Relocation	15	08-Jul-21	23-Jul-21	650	3A-5500 FS	1A-1100 FS
362		6J4L1.C2.0	Absorption Chiller (Optional)	90	01-Jul-20	25-Dec-20	1231	6A-2500 FS	1A-1100 FS
363		**SA2.6.0.9**	**Landscape Works**	613	01-Apr-19	12-Mar-20	891		
364		**SA2.6.0.9.1**	**SENT Area - Tree Removal & Transplanting**	340	01-Apr-19	12-Jun-20	1284		
365		6J3L1	Assess trees condition and subject for transplanting	30	01-Apr-19	30-Apr-19	1284	1A-1100 FS	6A-1100 FS, 6A-1300 FS, 6A-1400 FS
366		6J3L1	Prepare new site to receive trees	90	01-May-19	30-Jul-19	1284	6A-3000 FS	6A-3300 SS
367		6J3L1	Transplant selected trees	120	01-Aug-19	29-Nov-19	1284	6A-3000 FS, 6A-3100, SS	6A-3300 FS
368		6J3L1	Prune trees prior to removal from Cell 4	90	29-Nov-19	29-Jun-20	1284	6A-3300 FS	1A-1100 FS
369		6J3L1	Tree Felling - Part XI	90	01-May-19	30-Jul-19	1384	2A-2000 FS, 3A-1000 FS, 6A-3000 FS	1A-1100 FS
370		**SA2.6.0.9.2**	**SENTX Area - Tree Nursery & Tree Planting**	300	01-May-19	12-Mar-20	891		
371		6J3L2	Trial Nursery	300	01-May-19	24-Feb-20	1174	1A-1000 FS, 5A-1000 SS 30	6A-1300 FS, M1.3, 2 FS
372		6J3L2	Landscaping in New Infrastructure Area	100	01-Jul-20	12-Dec-20	891	6A-3000 FS, 3A-1000 FS	1A-1100 FS



Remaining Work
Critical Remaining Work
◆ Milestone

South-East New Territories Land Fill Extension (SA2-SENTX)
Baseline Programme

GREEN VALLEY LANDFILL LIMITED

Date	Revision	Checked	Approved
11-May-18	SENTX-GVL-W-PB-Z-Z-0001 Rev. B01		
20-Jul-18	SENTX-GVL-W-PB-Z-Z-0001 Rev. B02 (Detailed)		