

Annex A

Work Programme

WBS Path	Activity	Activity Name	ID	Start	Finish	Predecessor Details	Successor Details	2018		2019		2020		2021		2022		2023	
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
328																			
331	SA2.5	Construction (Initial Works)	1163	12-Apr-18	07-Jun-21	756													
333	SA2.5.02	Advance Works & Site Establishment	1148	12-Apr-18	02-Jun-21	35													
332	SA2.5.02.01	Site Establishment & Mobilization	333	12-Apr-18	02-Jun-21	820													
330	5.02.01	03-1000 Site Mobilization for Parts X1 & X2	30	31-Dec-18	20-Jan-19	820	11-1100 FS, 11-1200 FS												
331	5.02.01	03-1100 Site Mobilization for Parts X3, X4 & X5	30	12-Apr-18	11-May-18	1063	11-1300 FS, 11-1400 FS, 11-1500 FS												
330	5.02.01	03-1200 Temporary Office for Employer / E/R/C	60	10-Oct-18	08-Dec-18	0	23-1300 FS												
330	5.02.01	03-1300 Hoarding and Fencing Works	40	30-Jan-19	10-Mar-19	820	52-1000 FS, 52-1100 FS												
338	SA2.5.02.02	Site Survey & Investigation Works for Parts X1 & X2	50	31-Dec-18	18-Feb-19	840													
338	5.02.02	03-1400 Condition Survey	25	31-Dec-18	24-Jan-19	840	11-1100 FS, 11-1200 FS												
381	5.02.02	03-1500 Topographic Survey	20	31-Dec-18	19-Jan-19	845	11-1100 FS, 11-1200 FS												
362	5.02.02	03-1600 Site Inspection, Review of Condition Survey Report	25	25-Jan-19	18-Feb-19	840	53-1500 FS, 52-1400 FS												
352	SA2.5.02.03	Site Survey & Investigation Works for Parts X3, X4 & X5	58	12-Apr-18	31-May-18	1103													
362	5.02.03	03-1700 Condition Survey	25	12-Apr-18	06-May-18	1103	11-1300 FS, 11-1400 FS, 11-1500 FS												
360	5.02.03	03-1800 Topographic Survey	20	12-Apr-18	01-May-18	1108	11-1300 FS, 11-1400 FS, 11-1500 FS												
360	5.02.03	03-1900 Site Inspection, Review of Condition Survey Report	25	07-May-18	31-May-18	1103	52-1700 FS, 52-1800 FS												
397	SA2.5.02.04	Environmental Monitoring	975	02-Oct-19	02-Jun-21	35													
398	5.02.04	03-2000 Installation of Monitoring Stations & Wats (SP & OIV)	120	02-Oct-19	29-Jan-19	0	23-1600 FS												
399	5.02.04	03-2100 Installation of Monitoring Stations & Wats (SP & OIV) on Butress Wall	120	02-Oct-19	29-Jan-19	0	23-1600 FS												
399	5.02.04	03-2200 Condition Baseline Monitoring for Construction (one month)	30	01-Dec-18	30-Dec-18	0	52-2000 SS 60, 52-2100 SS 60												
371	5.02.04	03-2300 Condition Baseline Monitoring for Operation (one year)	365	03-Jun-20	02-Jun-21	35	32-1500 FS, 400, 53-4500 FS												
372	SA2.5.03	Civil Engineering Works	748	13-Jan-19	29-Jan-21	534													
373	SA2.5.03.01	Butress Wall	475	03-Apr-19	03-Jun-21	48													
374	5.03.01	03-1000 Section adj. SENT	300	13-Apr-19	06-Feb-20	95	11-1300 FS, 23-2500 FS, 53-3000 FS, 31-1200 FS, 11-1400 FS												
375	5.03.01	03-1100 Characterise SENT Landfill Gas Pipe	45	07-Feb-19	23-Mar-20	96	53-1000 FS												
376	5.03.01	03-1200 Section at Cell 4	400	02-Mar-19	04-Apr-20	83	11-1300 FS, 23-2500 FS, 53-3000 FS, 11-1400 FS												
377	5.03.01	03-1300 Install Landfill Gas Pipe on Butress Wall	75	05-Apr-20	18-Jun-20	83	41-1800 FS, 53-1100 FS, 53-1200 FS, 53-1300 FS												
378	SA2.5.03.01	Landfill Cell 1	503	13-Jan-19	29-Jan-21	214													
378	5.03.01	03-1400 Earth bund (Eastern)	90	04-Aug-19	01-Nov-19	9	11-1100 FS, 23-2500 FS, 53-4200 FS, 53-2800 FS												
380	5.03.01	03-1500 Earth bund (Southern)	90	26-Apr-19	24-Jul-19	314	11-1100 FS, 23-2500 FS, 53-2800 FS												
381	5.03.01	03-1600 Earth bund (Western)	90	13-Jan-19	12-Apr-19	417	11-1100 FS, 23-2500 FS												
382	5.03.01	03-1700 Interfill bund (Cell 1G)	75	13-Jan-19	28-Mar-19	432	11-1100 FS, 23-2500 FS												
383	5.03.01	03-1800 Site Formation	90	13-Jan-19	12-Apr-19	217	11-1100 FS, 23-2500 FS, 31-1300 FS												
384	5.03.01	03-1900 Pump Station (PS#1X)	45	13-Apr-19	27-May-19	507	53-1800 FS, 53-1900 FS												
385	5.03.01	03-2000 Lining Works	135	02-Nov-19	15-Mar-20	214	41-1500 FS, 53-1400 FS, 53-1500 FS, 53-1600 FS												
386	5.03.01	03-2100 Protective Store Laying & Leachate Collection Pipe	75	16-Mar-20	29-May-20	214	53-2000 FS, 41-1500 FS, 53-1900 FS												
387	5.03.01	03-2200 Install Leachate Fore Main	75	25-Jul-19	07-Oct-19	449	43-1500 FS, 53-1600 FS, 53-1700 FS, 53-1800 FS												
388	5.03.01	03-2300 Install Landfill Gas Pipe on earth bund	55	03-Nov-19	26-Dec-19	258	41-1500 FS, 53-1400 FS, 53-1500 FS												
389	5.03.01	03-2400 Leachate Pipe Connection (Cell 1 to LTP)	30	09-Mar-20	07-Apr-20	265	23-2000 FS, 54-1000 SS												
390	SA2.5.03.04	Landfill Cell 4	30	09-Jul-20	07-Aug-20	144													
391	5.03.04	03-2500 Provide Temporary Leachate Pipe on Cell 4 Area	30	09-Jul-20	07-Aug-20	144	23-2500 FS, 53-2600 SS 90												
392	SA2.5.03.05	Drainage - Surface Run-Off	740	16-Jan-19	31-Jan-21	859													
393	5.03.05	03-2600 Construct Cut-Off Channel 12A	60	16-Jan-19	18-Mar-19	9	11-1100 FS, 23-2500 FS												
394	5.03.05	03-2700 Construct Cut-Off Channel 12A to DP6	20	17-Mar-19	05-Apr-19	9	53-2600 FS, 31-1400 FS, 23-1900 FS												
395	5.03.05	03-2800 Diversion from Existing Trenchoidal Channel into Channel 12A	20	06-Apr-19	25-Apr-19	9	53-2700 FS												
396	5.03.05	03-2900 Removal of Existing Trenchoidal Channel along Eastern Bund	30	26-Apr-19	25-May-19	9	53-2800 FS												
397	5.03.05	03-3000 Cut-Off Channel O4 Diversion to Cut-Off Channel 11-2	45	16-Jan-19	01-Mar-19	83	11-1300 FS, 23-2800 FS												
398	5.03.05	03-3100 Cut-Off Channel X5 on Butress Wall, Cell 4, Cell 3	90	05-Apr-20	03-Jul-20	289	53-1000 FS, 53-1200 FS												
399	5.03.05	03-3200 Temporary Diversion Cut-Off Channel X5 to 12A	20	04-Jul-20	23-Jul-20	289	53-3300 FS, 23-1900 FS												
400	5.03.05	03-3300 Culvert X5 (6m long) & Perm Connection of Cut-Off Channel X5	30	26-Dec-20	24-Jan-21	134	53-4100 FF, 53-1900 FS, 53-2000 FS												
401	5.03.05	03-3400 Construct Perimeter Channel X6 on Eastern Bund & Southern Bund of Cell 1	50	02-Nov-19	21-Dec-19	249	53-4800 FS, 53-1900 FS												
402	5.03.05	03-3500 Construct Perimeter Channel X6 on Eastern Bund of Cell 2	50	20-Feb-20	08-Apr-20	189	53-1000 FS, 53-1400 FS												
403	5.03.05	03-3600 Construct Perimeter Channel X6 Eastern Bund of Cell 3	50	06-Jun-20	26-Jul-20	129	53-1900 FS, 53-1900 FS												
404	5.03.05	03-3700 Culvert X6 (25m long) at Cell 1 Southern Bund	75	25-Jul-19	07-Oct-19	1314	53-1500 FS												
405	5.03.05	03-3800 Perimeter Channel (OB) at Cell 1 Southern & Western Bund	45	25-Jul-19	07-Sep-19	1344	53-1500 FS, 53-1600 FS												
406	5.03.05	03-3900 Drop Inlet & Culvert (XS) - 21m long	180	29-Jul-20	24-Jan-21	129	11-1100 FS, 23-1900 FS, 53-3600 FS												
407	5.03.05	03-4000 Sediment Trap (ST)	180	29-Jul-20	24-Jan-21	129	11-1100 FS, 23-1900 FS, 11-2200 FS, 53-3900 FF												
408	5.03.05	03-4100 Dual Culvert 14m long (connect to DP6)	180	29-Jul-20	24-Jan-21	129	11-1100 FS, 11-1200 FS, 23-1900 FS, 53-3900 FF												
409	SA2.5.03.06	Drainage - Groundwater	200	26-May-19	11-Dec-19	299													
410	5.03.06	03-4200 Construct Groundwater Collection Pipe along Cells X1 & X2 Eastern Bund	70	26-May-19	02-Aug-19	9	11-1100 FS, 23-1600 FS, 53-2900 FS												
411	5.03.06	03-4300 Construct Groundwater Collection Pipe along Cell X3 Eastern Bund	50	04-Aug-19	22-Sep-19	159	53-4200 FS												
412	5.03.06	03-4400 Construct Groundwater Collection Pipe along Interfill Bund X2X3	50	25-Oct-19	11-Nov-19	209	53-4300 FS												
413	5.03.06	03-4500 Construct Manholes MH-X1	30	13-Jan-19	11-Dec-19	209	53-4400 FS												
414	SA2.5.03.07	Utilities - Distribution within New Infrastructure Area	391	11-Aug-19	04-Sep-20	276													
415	5.03.07	03-4600 Power Supply HV Works (Transformer & HV switchgear)	5	30-Jun-20	04-Jul-20	0	54-3000 FS												
416	5.03.07	03-4700 Power Distribution, LV Power Supply works	2	05-Jul-20	06-Jul-20	0	54-3100 FS, 12-1200 FS												
417	5.03.07	03-4800 Sewerage (Collection to LTP)	60	07-Jul-20	04-Sep-20	271	54-1000 FS, 54-3100 FS, 54-3200 FS, 54-4100 FS												
418	5.03.07	03-4900 Sewerage (Discharge to Site Boundary)	60	07-Jul-20	04-Sep-20	271	54-1000 FS, 54-4100 FS, 54-4600 FS												
419	5.03.07	03-5000 Lighting Provision	30	07-Jul-20	05-Aug-20	6	54-1000 FS, 54-4100 FS, 54-4600 FS												
420	5.03.07	03-5100 Fire Services																	

