Appendix A Master Programme

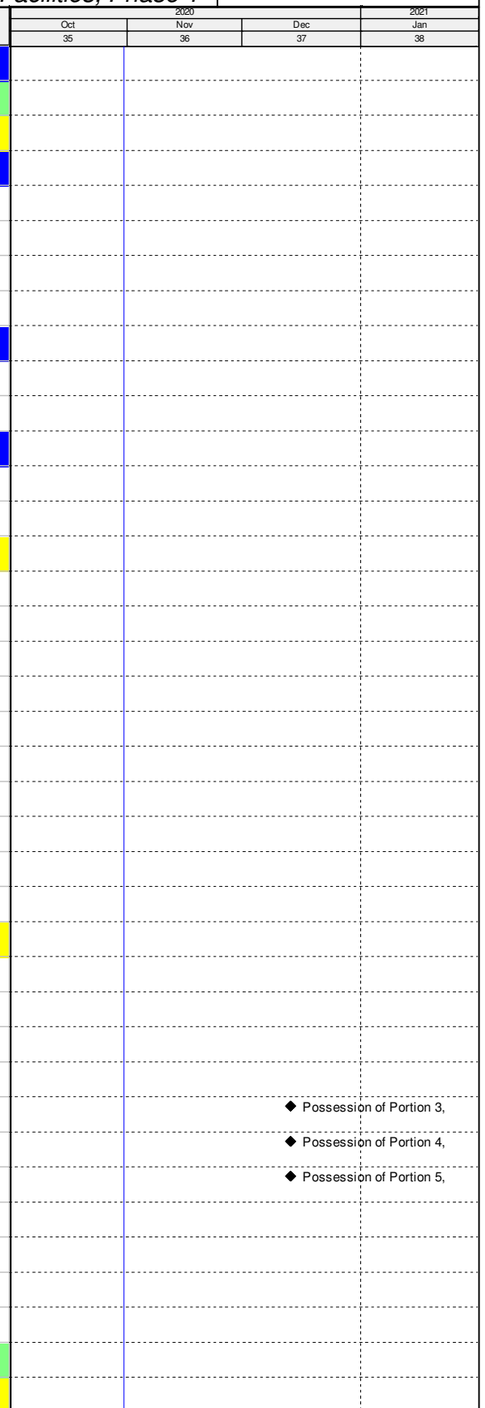
Keppel Seghers
KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Contract No. EP/SP/66/12

Integrated Waste Management Facilities, Phase 1

環境保護署 Environmental Protection Department

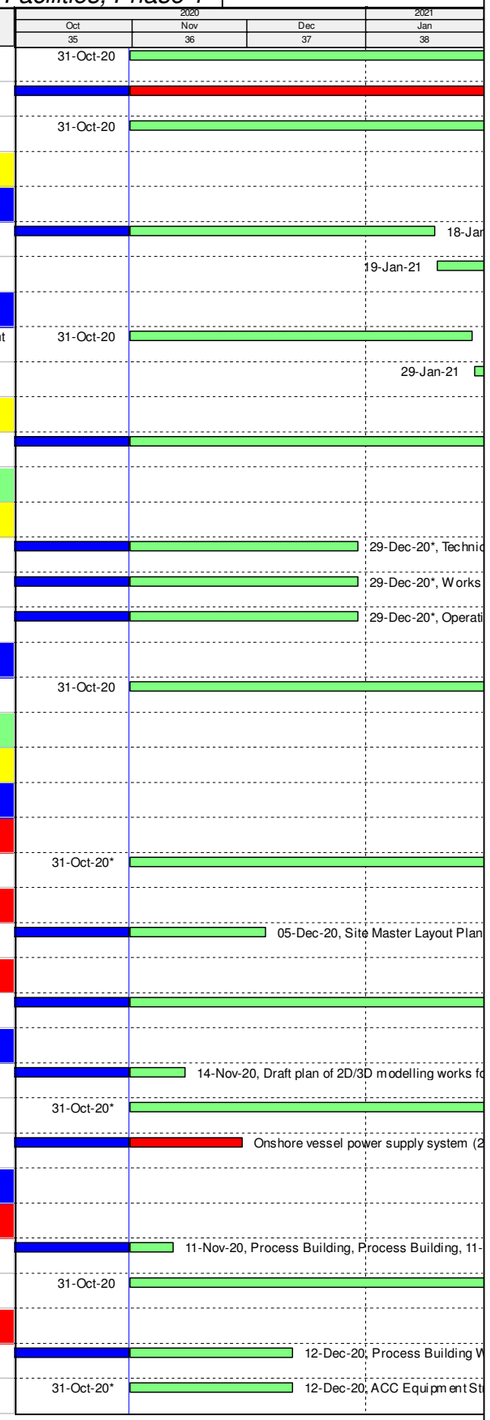
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
EP_SP_66_12-WP5A-M35 Programme for Design and Construction Works WP5A-M35		3461	3461	31.03%		2387		22-Nov-17 A	14-May-27	31-Oct-20	14-May-27	25-Sep-20	14-May-27	0	
EP_SP_66_12-WP5A-M35.01 Key Dates		3461	3461	32.3%		2343		22-Nov-17 A	14-May-27	13-Dec-20	14-May-27	13-Dec-20	14-May-27	0	
EP_SP_66_12-WP5A-M35.01.1 Contractual Key Dates		2787	2787	87.55%		347		22-Nov-17 A	09-Jul-25	27-Jul-24	09-Jul-25	27-Jul-24	09-Jul-25	0	
EP_SP_66_12-WP5A-M35.01.1.1 Design and Construction Phase		2731	2731	89.34%		291		22-Nov-17 A	14-May-25	27-Jul-24	14-May-25	27-Jul-24	14-May-25	0	
01-1000	Contract Award/Date of Acceptance of Tender	0	0	100%	100%	0	Mandatory Start	22-Nov-17 A							
01-1010	Date of Commencement of the Design and the Works	0	0	100%	100%	0	Mandatory Start	15-Dec-17 A							
01-1015(3)(M12)	Original Substantial Completion of the Works	0	0	0%	0%	0	Mandatory Finish		27-Jul-24*		27-Jul-24		27-Jul-24	0	
01-1020	Extended Substantial Completion of The Works	0	0	0%	0%	0	Finish On or Before		14-May-25*		14-May-25		14-May-25	0	
EP_SP_66_12-WP5A-M35.01.1.3 Extension of Time Granted		291	291	0%		291		27-Jul-24	14-May-25	27-Jul-24	14-May-25	27-Jul-24	14-May-25	0	
01-1015-1(3)(M12)	Extension of time granted (Claim No.1 to No.32) *Claim No.9 excluded	235	235	0%	0%	235		27-Jul-24	14-May-25	27-Jul-24	14-May-25	27-Jul-24	14-May-25	0	
01-1060	Issuance of FS Certificate	0	0	0%	0%	0	Mandatory Finish		23-Oct-24*		23-Oct-24		23-Oct-24	0	
EP_SP_66_12-WP5A-M35.01.1.2 Operation Phase		56	56	0%		56		15-May-25	09-Jul-25	15-May-25	09-Jul-25	15-May-25	09-Jul-25	0	
01-1030	Commencement of Operation	0	0	0%	0%	0	Mandatory Start	15-May-25*		15-May-25		15-May-25		0	
01-1230	Issue Certificate of Completion of the Works (56 days after Substantial Completion)	0	0	0%	0%	0	Finish On or Before		09-Jul-25*		09-Jul-25		09-Jul-25	0	
EP_SP_66_12-WP5A-M35.01.2 Planned Completion Dates		1639	1639	0%		1639		17-Nov-22	14-May-27	17-Nov-22	14-May-27	13-Mar-23	14-May-27	0	
01-1030(5a)	Grid Connection Agreement (GCA)	0	0	0%	0%	0	Finish On		08-Feb-24*		08-Feb-24		08-Feb-24	0	
01-1040	Incoming Power Energization to IWMF Substation	0	0	0%	0%	0			06-Aug-24		06-Aug-24		11-Aug-24	5	
01-1050	Export Power to Grid	0	0	0%	0%	0			05-Sep-24		05-Sep-24		20-Dec-24	106	
01-1070	Completion of Civil Provision for Transmission	0	0	0%	0%	0			17-Nov-22		17-Nov-22		13-Mar-23	116	
01-1080	Commencement of C1.3.4.11 System Commissioning Test	0	0	0%	0%	0		24-Sep-24		24-Sep-24		25-Aug-24		-30	
01-1090	Completion of C1.3.4.11 System Commission Test	0	0	0%	0%	0			07-Dec-24		07-Dec-24		06-Dec-24	-1	
01-1100	Completion of 90 Days Plant Commissioning Test	0	0	0%	0%	0			25-Apr-25		25-Apr-25		20-Mar-25	-36	
01-1110(3)(M15)	Issue of Certificate of Substantial Completion for the Works	0	0	0%	0%	0			19-Jun-25		19-Jun-25		14-May-25	-36	
01-1110-1(5a)	Completion of 180 Days for Installation, T&C of CCTV System and Onshore Power System at Portion 2	0	0	0%	0%	0	Finish On		10-Nov-25*		10-Nov-25		10-Nov-25	0	
01-1110-2(5a)	Replacement of Onshore Cranes within 2 yrs at Portion 2	0	0	0%	0%	0			14-May-27		14-May-27		14-May-27	0	
EP_SP_66_12-WP5A-M35.01.3 Dates of Site Pocessions		2744	2744	39.91%		1649		15-Dec-17 A	20-Jun-25	13-Dec-20	20-Jun-25	13-Dec-20	14-May-27	694	
01-1120	Possession of Portion 1	0	0	100%	100%	0			15-Dec-17 A						
01-1130	Possession of Portion 1A	0	0	100%	100%	0			15-Dec-17 A						
01-1140	Possession of Portion 1B	0	0	100%	100%	0			15-Dec-17 A						
01-1150	Possession of Portion 2	0	0	0%	0%	0		20-Jun-25		20-Jun-25		15-May-25		-36	
01-1160	Possession of Portion 3	0	0	0%	0%	0	Finish On		13-Dec-20*		13-Dec-20		13-Dec-20	0	◆ Possession of Portion 3,
01-1170	Possession of Portion 4	0	0	0%	0%	0	Finish On		13-Dec-20*		13-Dec-20		13-Dec-20	0	◆ Possession of Portion 4,
01-1180	Possession of Portion 5	0	0	0%	0%	0	Finish On		13-Dec-20*		13-Dec-20		13-Dec-20	0	◆ Possession of Portion 5,
01-1190	Possession of Portion 6	0	0	0%	0%	0		15-May-25		15-May-25		14-May-27		730	
01-1200	Possession of Portion 7	0	0	100%	100%	0	Finish On or Before		05-Jan-18 A						
01-1210	Possession of Portion 7A	0	0	100%	100%	0	Finish On or Before		07-Dec-18 A						
01-1210(5a)	Possession of Portion 8	0	0	100%	100%	0	Start On	29-Apr-20 A							
EP_SP_66_12-WP5A-M35.03 Licence/Permit Applications		979	944	72.42%		270		27-Dec-18 A	27-Jul-21	31-Oct-20	27-Jul-21	31-Oct-20	29-Apr-22	276	
EP_SP_66_12-WP5A-M35.03.1 License/Permit for Construction		874	726	69.11%		270		02-Aug-19 A	27-Jul-21	31-Oct-20	27-Jul-21	31-Oct-20	16-Mar-22	232	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

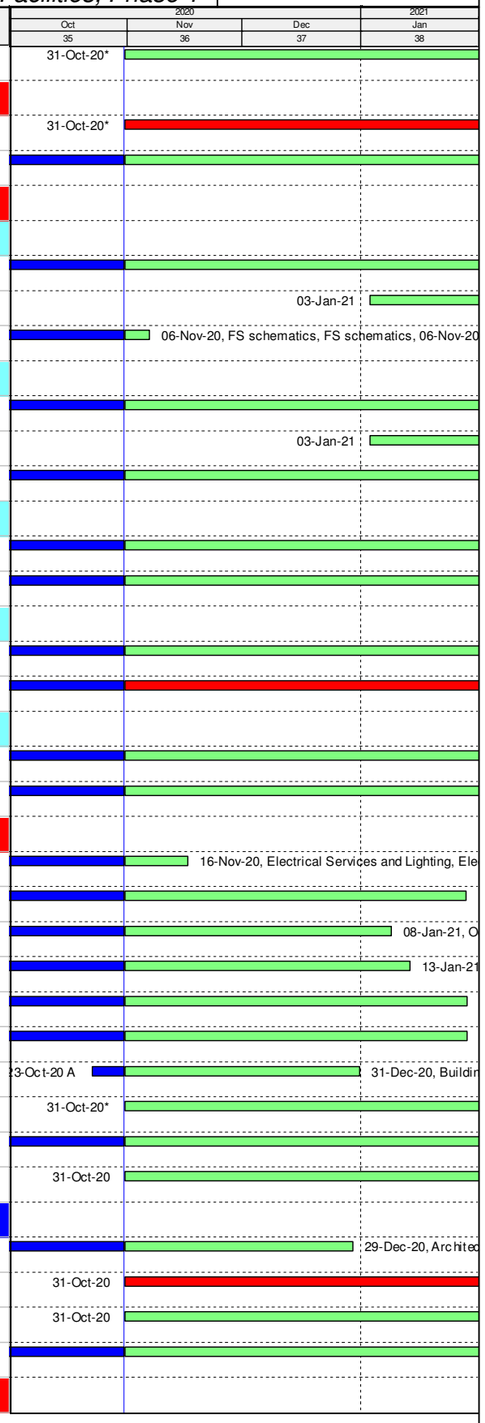
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
03-1090	EPD APCO(SP) License for Concrete Batching Plant	270	270	0%	0%	270		31-Oct-20	27-Jul-21	31-Oct-20	27-Jul-21	20-Jun-21	16-Mar-22	232	
03-1360(2)	CNP for 24Hrs	182	565	40.11%	40.11%	109	Finish On	02-Aug-19 A	16-Feb-21*	31-Oct-20	16-Feb-21	31-Oct-20	16-Feb-21	0	
03-1370_1(M34)	Landscape and Visual Plan	180	180	0%	0%	180		31-Oct-20	28-Apr-21	31-Oct-20	28-Apr-21	03-Sep-21	01-Mar-22	307	
EP_SP_66_12-WP5A-M35.03.4 Fire Services Installations (FSI) Certificatie		550	795	59.09%		225		10-Apr-19 A	12-Jun-21	31-Oct-20	12-Jun-21	03-Nov-20	29-Apr-22	321	
EP_SP_66_12-WP5A-M35.03.4.3 Fire Engineering Report		550	664	82.91%		94		10-Apr-19 A	01-Feb-21	31-Oct-20	01-Feb-21	29-Jan-21	02-May-21	90	
05-3000	Perparation and Submission of Fire Engineering Report to FSD	550	650	85.45%	85.45%	80		10-Apr-19 A	18-Jan-21	31-Oct-20	18-Jan-21	29-Jan-21	18-Apr-21	90	
05-4450	Approval of Fire Engineering Report by FSD	14	14	0%	0%	14		19-Jan-21	01-Feb-21	19-Jan-21	01-Feb-21	19-Apr-21	02-May-21	90	
EP_SP_66_12-WP5A-M35.03.4.1 Fire Services Installations Certificate Inspection		225	225	0%		225		31-Oct-20	12-Jun-21	31-Oct-20	12-Jun-21	03-Nov-20	29-Apr-22	321	
03-1555(5a)	General Building Plans and FSI Provision Design Submission to FSD	90	90	0%	0%	90	Finish On or Before	31-Oct-20	28-Jan-21*	31-Oct-20	28-Jan-21	03-Nov-20	31-Jan-21	3	Primary Constraint Added
03-1555-1(5a)	Approval of General Building Plans and FSI Provision Design Submission	135	135	0%	0%	135	As Late As Possible	29-Jan-21	12-Jun-21	29-Jan-21	12-Jun-21	16-Dec-21	29-Apr-22	321	
EP_SP_66_12-WP5A-M35.03.5 Air Pollution Control (Specified Processes) License		600	874	66.67%		200		27-Dec-18 A	18-May-21	31-Oct-20	18-May-21	06-Oct-21	23-Apr-22	340	
03-1730(3)	Early Engagement With EPD SP Licensing Department for Information exchange	600	874	66.67%	66.67%	200		27-Dec-18 A	18-May-21	31-Oct-20	18-May-21	06-Oct-21	23-Apr-22	340	
EP_SP_66_12-WP5A-M35.04 General Submissions		1228	1228	85.34%		180		18-Dec-17 A	28-Apr-21	31-Oct-20	28-Apr-21	02-Nov-20	19-May-26	1847	
EP_SP_66_12-WP5A-M35.04.1 Contractor's Plans Submission and Approval		1228	1228	85.34%		180		18-Dec-17 A	28-Apr-21	31-Oct-20	28-Apr-21	02-Nov-20	19-May-26	1847	
04-1100(1)	Technical Resources Plan (TRP)	240	1107	75%	30%	60	Finish On or Before	19-Dec-17 A	29-Dec-20*	31-Oct-20	29-Dec-20	02-Nov-20	31-Dec-20	2	
04-1200(1)	Works Plan (WP)	90	1108	33.33%	30%	60	Finish On or Before	18-Dec-17 A	29-Dec-20*	31-Oct-20	29-Dec-20	02-Nov-20	31-Dec-20	2	
04-1400(1)	Operation Plan (OP)	240	1108	75%	75%	60	Finish On or Before	18-Dec-17 A	29-Dec-20*	31-Oct-20	29-Dec-20	02-Nov-20	31-Dec-20	2	
EP_SP_66_12-WP5A-M35.04.1.1 Provisional Assessment (PA)		180	180	0%		180		31-Oct-20	28-Apr-21	31-Oct-20	28-Apr-21	21-Nov-25	19-May-26	1847	
04-1500(1)10	Preliminary Assessmant	180	180	0%	0%	180		31-Oct-20	28-Apr-21	31-Oct-20	28-Apr-21	21-Nov-25	19-May-26	1847	
EP_SP_66_12-WP5A-M35.05 Design Submissions		1229	1317	67.53%		399		27-Apr-18 A	03-Dec-21	31-Oct-20	03-Dec-21	25-Sep-20	12-Dec-23	739	
EP_SP_66_12-WP5A-M35.05.01 AIP Design Package Submissions		1132	1237	71.82%		319		27-Apr-18 A	14-Sep-21	31-Oct-20	14-Sep-21	01-Oct-20	07-Feb-23	511	
EP_SP_66_12-WP5A-M35.05.01.01 AIP Process and Layout Design (2.1)		1019	1042	87.83%		124		27-Apr-18 A	03-Mar-21	31-Oct-20	03-Mar-21	29-Nov-20	02-May-21	60	
EP_SP_66_12-WP5A-M35.05.01.01.2 MSW treatment process design for mechanical treatment (2.1.02)		105	105	0%		105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	29-Nov-20	13-Mar-21	29	
05-1090	Mechanical Treatment Plant	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	29-Nov-20	13-Mar-21	29	
EP_SP_66_12-WP5A-M35.05.01.01.6 Site Master Layout Plan and Plant Layout (2.1.06)		60	954	40%		36		27-Apr-18 A	05-Dec-20	31-Oct-20	05-Dec-20	05-Feb-21	12-Mar-21	97	
05-3020	Site Master Layout Plan and Plant Layout	60	954	40%	65%	36		27-Apr-18 A	05-Dec-20	31-Oct-20	05-Dec-20	05-Feb-21	12-Mar-21	97	
EP_SP_66_12-WP5A-M35.05.01.01.7 Statutory Fire Compliance (2.1.25)		30	694	0%		124		10-Apr-19 A	03-Mar-21	31-Oct-20	03-Mar-21	30-Dec-20	02-May-21	60	
05-2990	Fire Safety Compliance	30	694	0%	0%	124		10-Apr-19 A	03-Mar-21	31-Oct-20	03-Mar-21	30-Dec-20	02-May-21	60	
EP_SP_66_12-WP5A-M35.05.01.02 AIP Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)		839	1047	83.91%		135		03-May-18 A	14-Mar-21	31-Oct-20	14-Mar-21	31-Oct-20	13-Sep-21	183	
05-1280	Draft plan of 2D/3D modelling works for seawall and breakwater design (2.2.05)	135	927	88.89%	80%	15	Start On	03-May-18 A	14-Nov-20	31-Oct-20	14-Nov-20	24-May-21	07-Jun-21	205	
05-2970	Onshore crane Facility (2.2.11)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	02-May-21	13-Sep-21	183	
05-2980	Onshore vessel power supply system (2.2.12)	135	102	77.78%	77.78%	30		20-Aug-20 A	29-Nov-20	31-Oct-20	29-Nov-20	31-Oct-20	29-Nov-20	0	New Activity
EP_SP_66_12-WP5A-M35.05.01.03 AIP Incineration Plant Buildings (2.3)		839	1021	78.78%		178		11-Jul-18 A	26-Apr-21	31-Oct-20	26-Apr-21	18-Oct-20	18-Sep-22	510	
EP_SP_66_12-WP5A-M35.05.01.03.1 General Layout Drawings and Fire Saftey Strategy (2.3.00)		839	894	83.91%		135		03-Oct-18 A	14-Mar-21	31-Oct-20	14-Mar-21	03-Dec-20	05-Oct-21	205	
05-1210	Process Building	135	771	91.11%	65%	12	Start On or After	03-Oct-18 A	11-Nov-20	31-Oct-20	11-Nov-20	03-Dec-20	14-Dec-20	33	
05-1250	Chimney and viewing platform	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	24-May-21	05-Oct-21	205	
EP_SP_66_12-WP5A-M35.05.01.03.2 Foundation design (2.3.01)		166	216	18.67%		135		11-Aug-20 A	14-Mar-21	31-Oct-20	14-Mar-21	22-Jul-21	12-Aug-22	516	
05-3030	Process Building Waste Bunker, Tipping Hall, Basin Area and Workshop	43	124	0%	5%	43	Start On or After	11-Aug-20 A	12-Dec-20	31-Oct-20	12-Dec-20	22-Jul-21	02-Sep-21	264	
05-3040	ACC Equipment Structure	43	43	0%	0%	43	Start On or After	31-Oct-20*	12-Dec-20	31-Oct-20	12-Dec-20	12-Oct-21	23-Nov-21	346	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

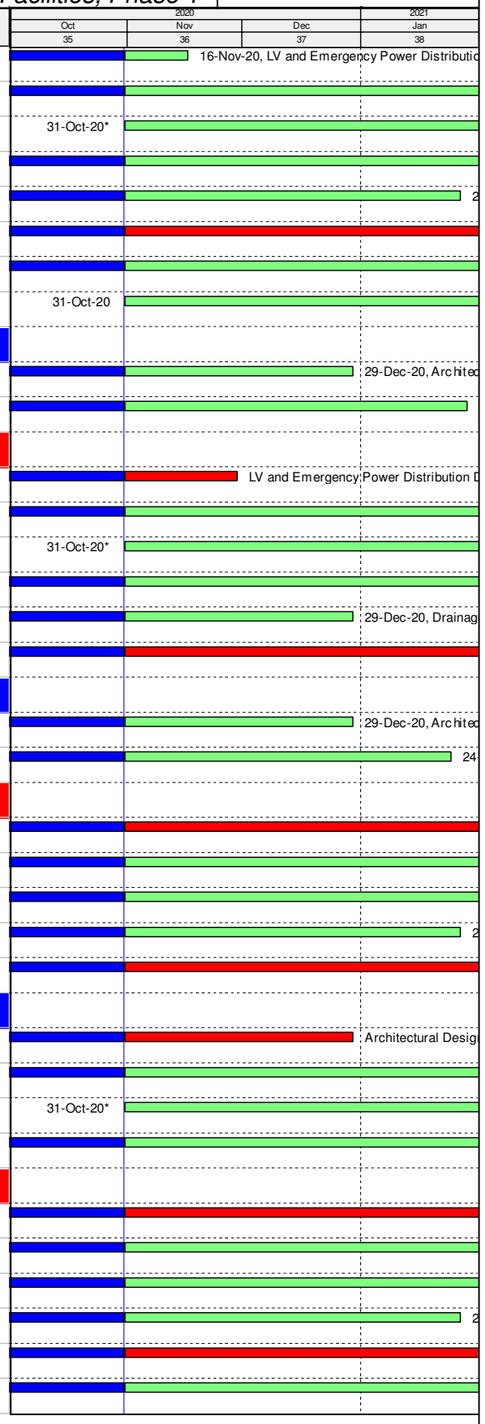
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-3090	Reception Pavilion	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	31-Mar-22	12-Aug-22	516	
EP_SP_66_12-WP5A-M35.05.01.03.3 Structural design (2.3.02)		587	654	77%		135		31-May-19 A	14-Mar-21	31-Oct-20	14-Mar-21	18-Oct-20	18-Sep-22	553	
05-1300	ACC Equipment Structure	98	98	0%	0%	98	Start On or After	31-Oct-20*	05-Feb-21	31-Oct-20	05-Feb-21	18-Oct-20	23-Jan-21	-13	
05-1330	Chimney and viewing platform	167	654	19.16%	5%	135	Start On or After	31-May-19 A	14-Mar-21	31-Oct-20	14-Mar-21	07-May-22	18-Sep-22	553	
EP_SP_66_12-WP5A-M35.05.01.03.6 Fire services installation design (2.3.05)		574	851	68.99%		178		28-Dec-18 A	26-Apr-21	31-Oct-20	26-Apr-21	22-Oct-20	02-May-21	6	
EP_SP_66_12-WP5A-M35.05.01.03.6.1 Process Building (2.3.05.01)		574	765	81.71%		105		10-Jan-19 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-1510	Fire Systems	105	765	0%	5%	105		10-Jan-19 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-1520	Fire engineering	30	30	0%	0%	30		03-Jan-21	01-Feb-21	03-Jan-21	01-Feb-21	03-Apr-21	02-May-21	90	
05-1530	FS schematics	105	667	93.33%	5%	7		10-Jan-19 A	06-Nov-20	31-Oct-20	06-Nov-20	11-Apr-21	17-Apr-21	162	
EP_SP_66_12-WP5A-M35.05.01.03.6.3 Turbin Hall Building (2.3.05.03)		491	778	78.62%		105		28-Dec-18 A	12-Feb-21	31-Oct-20	12-Feb-21	03-Jan-21	02-May-21	79	
05-5400	Fire Systems (2.3.05.03.01)	105	778	0%	5%	105		28-Dec-18 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-5410 (M22)	Fire engineering	30	30	0%	0%	30		03-Jan-21	01-Feb-21	03-Jan-21	01-Feb-21	03-Apr-21	02-May-21	90	
05-5420 (M22)	FS schematics (2.3.05.03.03)	105	778	0%	5%	105		28-Dec-18 A	12-Feb-21	31-Oct-20	12-Feb-21	03-Jan-21	17-Apr-21	64	
EP_SP_66_12-WP5A-M35.05.01.03.6.5 Elevated Drive Way and Associated Structures (2.3.05.05)		180	469	17.22%		149		16-Dec-19 A	28-Mar-21	31-Oct-20	28-Mar-21	20-Nov-20	02-May-21	35	
05-5445 (M22)	Fire Systems	180	425	41.67%	5%	105		16-Dec-19 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-5450 (M22)	FS schematics	180	469	17.22%	5%	149		16-Dec-19 A	28-Mar-21	31-Oct-20	28-Mar-21	20-Nov-20	17-Apr-21	20	
EP_SP_66_12-WP5A-M35.05.01.03.6.6 Reception Pavilion (2.3.05.06)		270	571	34.07%		178		04-Oct-19 A	26-Apr-21	31-Oct-20	26-Apr-21	22-Oct-20	02-May-21	6	
05-5460 (M22)	Fire Systems (2.3.05.06.01)	270	498	61.11%	5%	105		04-Oct-19 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-5470 (M22)	FS schematics (2.3.05.06.03)	270	571	34.07%	5%	178		04-Oct-19 A	26-Apr-21	31-Oct-20	26-Apr-21	22-Oct-20	17-Apr-21	-9	
EP_SP_66_12-WP5A-M35.05.01.03.6.7 Compressor & Closed Circuit (2.3.05.07)		140	521	25%		105		11-Sep-19 A	12-Feb-21	31-Oct-20	12-Feb-21	03-Jan-21	02-May-21	79	
05-5480 (M22)	Fire Systems (2.3.05.07.01)	140	511	32.14%	25%	95		11-Sep-19 A	02-Feb-21	31-Oct-20	02-Feb-21	28-Jan-21	02-May-21	89	
05-5490 (M22)	FS schematics (2.3.05.07.03)	140	521	25%	25%	105		11-Sep-19 A	12-Feb-21	31-Oct-20	12-Feb-21	03-Jan-21	17-Apr-21	64	
EP_SP_66_12-WP5A-M35.05.01.03.7 Building services design (excluding fire services installation design) (2.3.06)		832	978	83.77%		135		11-Jul-18 A	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	08-Jul-21	116	
05-1550	Electrical Services and Lighting	150	677	88.67%	45%	17	Start On or After	10-Jan-19 A	16-Nov-20	31-Oct-20	16-Nov-20	13-Nov-20	29-Nov-20	13	Revised Activity Name
05-1560	MVAC (6 Packages)	105	749	15%	15%	89	Start On or After	10-Jan-19 A	28-Jan-21	31-Oct-20	28-Jan-21	05-Jan-21	04-Apr-21	67	
05-1570	Odour Control	135	913	48.15%	5%	70	Start On or After	11-Jul-18 A	08-Jan-21	31-Oct-20	08-Jan-21	25-Jan-21	04-Apr-21	86	
05-1580	Plumbing (7 Packages)	210	730	64.29%	65%	75	Start On or After	15-Jan-19 A	13-Jan-21	31-Oct-20	13-Jan-21	25-Jan-21	09-Apr-21	86	
05-1600	ELV (7 Packages)	135	750	33.33%	65%	90	Start On or After	10-Jan-19 A	28-Jan-21	31-Oct-20	28-Jan-21	15-Nov-20	12-Feb-21	15	
05-1610	Lifts and Escalators (2 Packages)	135	396	33.33%	5%	90	Start On or After	30-Dec-19 A	28-Jan-21	31-Oct-20	28-Jan-21	26-Jan-21	25-Apr-21	87	
05-1630	Building Management System (BMS) (7 Packages)	135	70	54.07%	5%	62	Start On or After	23-Oct-20 A	31-Dec-20	31-Oct-20	31-Dec-20	27-Apr-21	27-Jun-21	178	
05-1770	Vehicle & Container Wash System	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	11-Dec-20	24-Apr-21	41	
05-1770-1(M20)	Water Cannon System	135	643	0%	5%	135	Start On or After	11-Jun-19 A	14-Mar-21	31-Oct-20	14-Mar-21	24-Feb-21	08-Jul-21	116	
05-1770-2 (5a)	Process CCTV System	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	24-Feb-21	08-Jul-21	116	
EP_SP_66_12-WP5A-M35.05.01.04 AIP Mechanical Treatment Plant Building (2.4)		734	920	81.61%		135		07-Sep-18 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	22-May-21	69	
05-1640	Architectural Design (2.4.00)	105	845	42.86%	65%	60		07-Sep-18 A	29-Dec-20	31-Oct-20	29-Dec-20	04-Nov-20	02-Jan-21	4	
05-1670	Electrical and instrumentation works design (2.4.03)	100	100	0%	0%	100		31-Oct-20	07-Feb-21	31-Oct-20	07-Feb-21	18-Oct-20	25-Jan-21	-13	
05-1680	Mechanical works design (2.4.04)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	29-Nov-20	13-Mar-21	29	
05-1690	Fire services installation design (2.4.05) (3 Packages)	105	686	9.5%	0%	95	Start On or After	20-Mar-19 A	03-Feb-21	31-Oct-20	03-Feb-21	12-Jan-21	17-Apr-21	74	
EP_SP_66_12-WP5A-M35.05.01.04.7 Building services design (excluding fire services installation design) (2.4.06)		685	726	80.29%		135		20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	22-May-21	69	



3-Month Rolling Programme (October 2020)

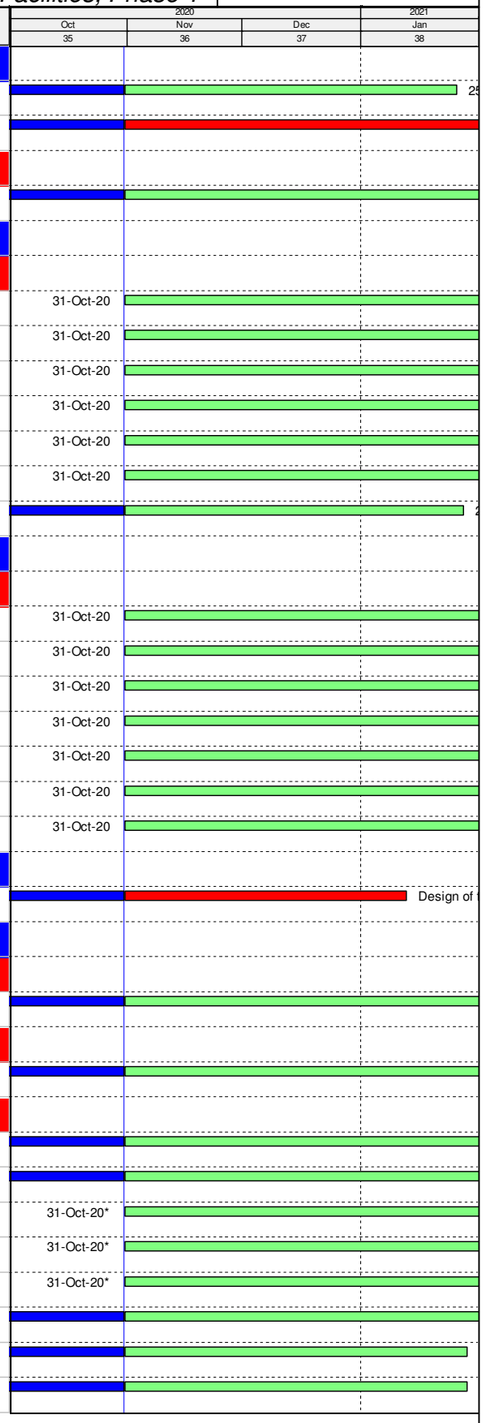
Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-1700	LV and Emergency Power Distribution Design	17	608	0%	5%	17	Start On or After	20-Mar-19 A	16-Nov-20	31-Oct-20	16-Nov-20	13-Nov-20	29-Nov-20	13	
05-1710	MVAC	135	691	22.22%	5%	105	Start On or After	25-Mar-19 A	12-Feb-21	31-Oct-20	12-Feb-21	21-Dec-20	04-Apr-21	51	
05-1720	Odour Control	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	21-Dec-20	04-Apr-21	51	
05-1730	Plumbing	135	726	0%	5%	135	Start On or After	20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	26-Nov-20	09-Apr-21	26	
05-1740	Drainage	135	679	35%	5%	88	Start On or After	20-Mar-19 A	26-Jan-21	31-Oct-20	26-Jan-21	20-Jan-21	17-Apr-21	81	
05-1750	ELV	135	726	0%	0%	135	Start On or After	20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	12-Feb-21	-30	
05-1760	Lifts	135	441	0%	0%	135	Start On or After	30-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	08-Jan-21	22-May-21	69	
05-1760-1(M20)	Building Management System (BMS)	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	30-Nov-20	13-Apr-21	30	
EP_SP_66_12-WP5A-M35.05.01.05 AIP Wastewater Treatment Plant (2.5)		833	879	85.59%		120		03-Oct-18 A	27-Feb-21	31-Oct-20	27-Feb-21	16-Oct-20	19-Apr-21	51	
05-1780	Architectural Design (2.5.00)	135	819	55.56%	65%	60	Start On or After	03-Oct-18 A	29-Dec-20	31-Oct-20	29-Dec-20	06-Nov-20	04-Jan-21	6	
05-2790	Fire services installation design (2.5.05)	105	744	14.29%	5%	90		16-Jan-19 A	28-Jan-21	31-Oct-20	28-Jan-21	18-Jan-21	17-Apr-21	79	
EP_SP_66_12-WP5A-M35.05.01.05.7 Building services design (excluding fire services installation design) (2.5.06)		744	774	83.87%		120		16-Jan-19 A	27-Feb-21	31-Oct-20	27-Feb-21	16-Oct-20	19-Apr-21	51	
05-1830	LV and Emergency Power Distribution Design (2.5.06.01)	135	684	77.78%	25%	30	Start On or After	16-Jan-19 A	29-Nov-20	31-Oct-20	29-Nov-20	31-Oct-20	29-Nov-20	0	
05-1840	MVAC (2.5.06.02)	135	774	11.11%	25%	120	Start On or After	16-Jan-19 A	27-Feb-21	31-Oct-20	27-Feb-21	21-Dec-20	19-Apr-21	51	
05-1850	Odour Control (2.5.06.03)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	21-Dec-20	04-Apr-21	51	
05-1860	Plumbing (2.5.06.04)	135	774	11.11%	25%	120	Start On or After	16-Jan-19 A	27-Feb-21	31-Oct-20	27-Feb-21	11-Dec-20	09-Apr-21	41	
05-1870	Drainage (2.5.06.05)	135	714	55.56%	25%	60	Start On or After	16-Jan-19 A	29-Dec-20	31-Oct-20	29-Dec-20	04-Dec-20	01-Feb-21	34	
05-1880	ELV (2.5.06.06)	135	774	11.11%	25%	120	Start On or After	16-Jan-19 A	27-Feb-21	31-Oct-20	27-Feb-21	16-Oct-20	12-Feb-21	-15	
EP_SP_66_12-WP5A-M35.05.01.06 AIP Water Treatment Plant Building (2.6)		329	920	58.97%		135		07-Sep-18 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	17-Apr-21	34	
05-1900	Architectural Design (2.6.00)	105	845	42.86%	65%	60	Start On or After	07-Sep-18 A	29-Dec-20	31-Oct-20	29-Dec-20	04-Nov-20	02-Jan-21	4	
05-1950	Fire services installation design (2.6.05) (3 Packages)	105	676	19%	19%	85		20-Mar-19 A	24-Jan-21	31-Oct-20	24-Jan-21	22-Jan-21	17-Apr-21	84	
EP_SP_66_12-WP5A-M35.05.01.06.7 Building services design (excluding fire services installation design) (2.6.06)		135	726	0%		135		20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	17-Apr-21	34	
05-1960	Electrical Services and Lighting (2.6.06.01)	135	726	0%	5%	135	Start On or After	20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	12-Feb-21	-30	
05-1970	MVAC	135	691	22.22%	5%	105	Start On or After	25-Mar-19 A	12-Feb-21	31-Oct-20	12-Feb-21	21-Dec-20	04-Apr-21	51	
05-1990	Plumbing	135	726	0%	5%	135	Start On or After	20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	26-Nov-20	09-Apr-21	26	
05-2000	Drainage	135	679	35%	5%	88	Start On or After	20-Mar-19 A	26-Jan-21	31-Oct-20	26-Jan-21	20-Jan-21	17-Apr-21	81	
05-2010	ELV	135	726	0%	5%	135	Start On or After	20-Mar-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	12-Feb-21	-30	
EP_SP_66_12-WP5A-M35.05.01.07 AIP Administration Building (2.7)		839	1020	76.16%		200		03-Aug-18 A	18-May-21	31-Oct-20	18-May-21	01-Oct-20	28-Jun-22	406	
05-2020	Architectural Design (2.7.00)	135	880	55.56%	65%	60	Start On or After	03-Aug-18 A	29-Dec-20	31-Oct-20	29-Dec-20	05-Oct-20	03-Dec-20	-26	
05-2040	Structural design (2.7.02)	200	660	0%	65%	200	Start On or After	29-Jul-19 A	18-May-21	31-Oct-20	18-May-21	11-Dec-21	28-Jun-22	406	
05-2050	Electrical and instrumentation works design (2.7.03)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	14-Dec-20	27-Apr-21	44	
05-2060	Fire services installation design (3 Packages) (2.7.04)	135	546	9.5%	9.5%	122	Start On or After	03-Sep-19 A	02-Mar-21	31-Oct-20	02-Mar-21	16-Nov-20	18-Mar-21	17	
EP_SP_66_12-WP5A-M35.05.01.07.6 Building services design (excluding fire services installation design) (2.7.05)		227	559	40.53%		135		03-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	25-Apr-21	42	
05-2070	Electrical Services and Lighting (2.7.05.01)	135	559	0%	5%	135	Start On or After	03-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	12-Feb-21	-30	
05-2080	MVAC	135	529	22.22%	5%	105	Start On or After	03-Sep-19 A	12-Feb-21	31-Oct-20	12-Feb-21	21-Dec-20	04-Apr-21	51	
05-2100	Plumbing	135	559	0%	5%	135	Start On or After	03-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	26-Nov-20	09-Apr-21	26	
05-2110	Drainage	135	512	35%	5%	88	Start On or After	03-Sep-19 A	26-Jan-21	31-Oct-20	26-Jan-21	20-Jan-21	17-Apr-21	81	
05-2120	ELV	135	559	0%	5%	135	Start On or After	03-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	12-Feb-21	-30	
05-2130	Lifts and Escalators	135	441	0%	5%	135	Start On or After	30-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	12-Dec-20	25-Apr-21	42	



Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

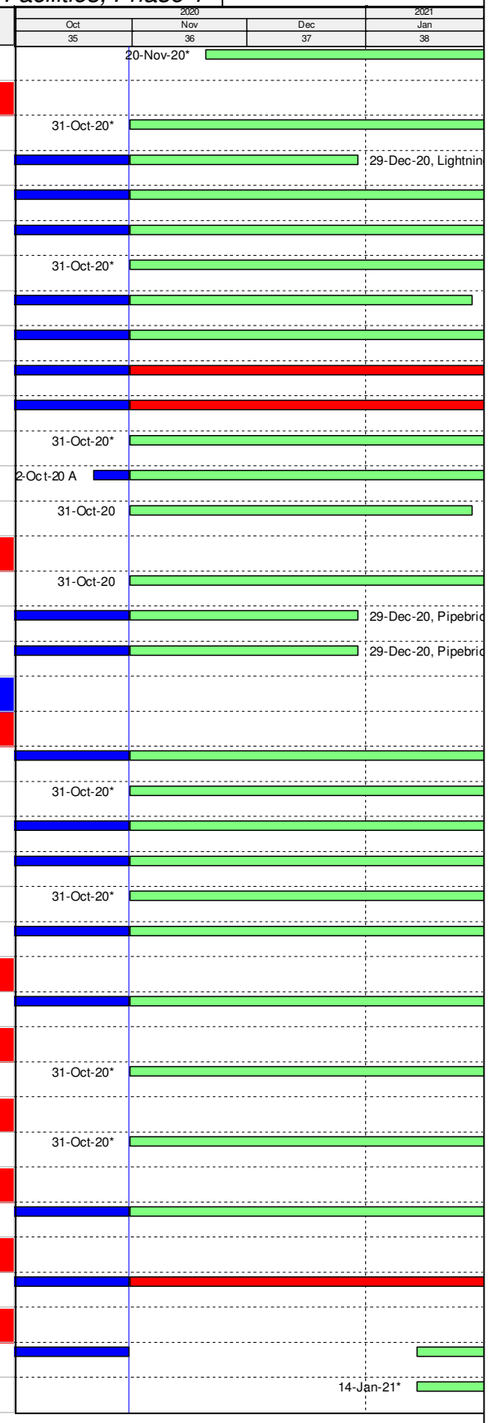
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
EP_SP_66_12-WP5A-M35.05.01.08 AIP IWMF Substation (2.8)		694	839	80.55%		135		27-Nov-18 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	27-Jun-21	105	
05-2170	Electrical and instrumentation works design (2.8.03) (14 Packages)	180	459	51.67%	5%	87	Start On or After	25-Oct-19 A	25-Jan-21	31-Oct-20	25-Jan-21	28-Nov-20	22-Feb-21	28	
05-2190	Fire services installation design (2.8.05) (2 Packages)	170	798	44.71%	65%	94	Start On or After	27-Nov-18 A	01-Feb-21	31-Oct-20	01-Feb-21	01-Oct-20	02-Jan-21	-30	
EP_SP_66_12-WP5A-M35.05.01.08.7 Building services design (excluding fire services installation design) (2.8.06)		135	447	0%		135		24-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	13-Feb-21	27-Jun-21	105	
05-2240-1(M20)	Building Management System (BMS)	135	447	0%	65%	135	Start On or After	24-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	13-Feb-21	27-Jun-21	105	
EP_SP_66_12-WP5A-M35.05.01.1 AIP Chimney		166	447	18.67%		135		24-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
EP_SP_66_12-WP5A-M35.05.01.1.1 Building services design (excluding fire services installation design)		166	447	18.67%		135		24-Dec-19 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5430(5a)	Electrical Services and Lighting	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5440(5a)	MVAC	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5450(5a)	Plumbing	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5460(5a)	Drainage	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5470(5a)	ELV	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5480(5a)	Lift	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	01-Nov-20	15-Mar-21	1	
05-5490(5a)	Building Management System (BMS)	135	401	34.07%	25%	89		24-Dec-19 A	27-Jan-21	31-Oct-20	27-Jan-21	17-Dec-20	15-Mar-21	47	
EP_SP_66_12-WP5A-M35.05.01.2 AIP Weighbridge		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
EP_SP_66_12-WP5A-M35.05.01.2.1 Building services design (excluding fire services installation design)		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5500(5a)	Electrical Services and Lighting	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5510(5a)	MVAC	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5520(5a)	Plumbing	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5530(5a)	Drainage	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5540(5a)	ELV	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5550(5a)	Lift	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
05-5560(5a)	Building Management System (BMS)	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Nov-20	27-Mar-21	13	
EP_SP_66_12-WP5A-M35.05.01.09 AIP Air Quality Monitoring Stations (2.9)		120	104	38.33%		74		01-Oct-20 A	12-Jan-21	31-Oct-20	12-Jan-21	31-Oct-20	12-Jan-21	0	
05-2250	Design of the Air Quality Monitoring Stations (2.9.01)	120	104	38.33%	38.33%	74	Start On or After	01-Oct-20 A	12-Jan-21	31-Oct-20	12-Jan-21	31-Oct-20	12-Jan-21	0	
EP_SP_66_12-WP5A-M35.05.01.10 AIP Roads and Utilities (2.10)		646	859	76.01%		155		27-Nov-18 A	03-Apr-21	31-Oct-20	03-Apr-21	01-Oct-20	05-Jan-23	642	
EP_SP_66_12-WP5A-M35.05.01.10.2 Sewerage design on the Artificial Island (2.10.02)		135	544	0%		135		18-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	24-Oct-21	07-Mar-22	358	
05-2290	Contaminated Sewerage concept / sizing	135	544	0%	5%	135	Start On or After	18-Sep-19 A	14-Mar-21	31-Oct-20	14-Mar-21	24-Oct-21	07-Mar-22	358	
EP_SP_66_12-WP5A-M35.05.01.10.3 Drainage system design on the Artificial Island (2.10.03)		135	663	0%		135		22-May-19 A	14-Mar-21	31-Oct-20	14-Mar-21	28-Dec-20	11-May-21	58	
05-2310	First Flush Drainage System concept / sizing	135	663	0%	5%	135	Start On or After	22-May-19 A	14-Mar-21	31-Oct-20	14-Mar-21	28-Dec-20	11-May-21	58	
EP_SP_66_12-WP5A-M35.05.01.10.4 Water supply system design on the Artificial Island (2.10.04)		491	583	68.43%		155		30-Aug-19 A	03-Apr-21	31-Oct-20	03-Apr-21	21-Nov-20	06-Apr-22	368	
05-2320	Potable Water Distribution System (2.10.04.01)	135	487	0%	5%	135	Start On or After	14-Nov-19 A	14-Mar-21	31-Oct-20	14-Mar-21	04-Oct-21	15-Feb-22	338	
05-2330	Potable Water System (2.10.04.02)	135	486	0%	65%	135	Start On or After	15-Nov-19 A	14-Mar-21	31-Oct-20	14-Mar-21	04-Oct-21	15-Feb-22	338	
05-2340	Irrigation System (2 Packages) (2.10.04.03)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	26-Dec-20	09-May-21	56	
05-2350	Rainwater harvesting System (2.10.04.04)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	26-Dec-20	09-May-21	56	
05-2360	Water Tanks (2.10.04.05)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	23-Nov-21	06-Apr-22	388	
05-2370	External FS Systems (2.10.04.06)	135	497	0%	65%	135		04-Nov-19 A	14-Mar-21	31-Oct-20	14-Mar-21	23-Nov-21	06-Apr-22	388	
05-2370-1(M24)	E&M system for seawater intake and brine discharge (2.10.04.07)	90	518	0%	5%	90		30-Aug-19 A	28-Jan-21	31-Oct-20	28-Jan-21	27-Jul-21	24-Oct-21	269	
05-2370-2(M24)	Building Services system for seawater intake and brine discharge (2.10.04.09)	90	324	0%	5%	90		11-Mar-20 A	28-Jan-21	31-Oct-20	28-Jan-21	10-May-21	07-Aug-21	191	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

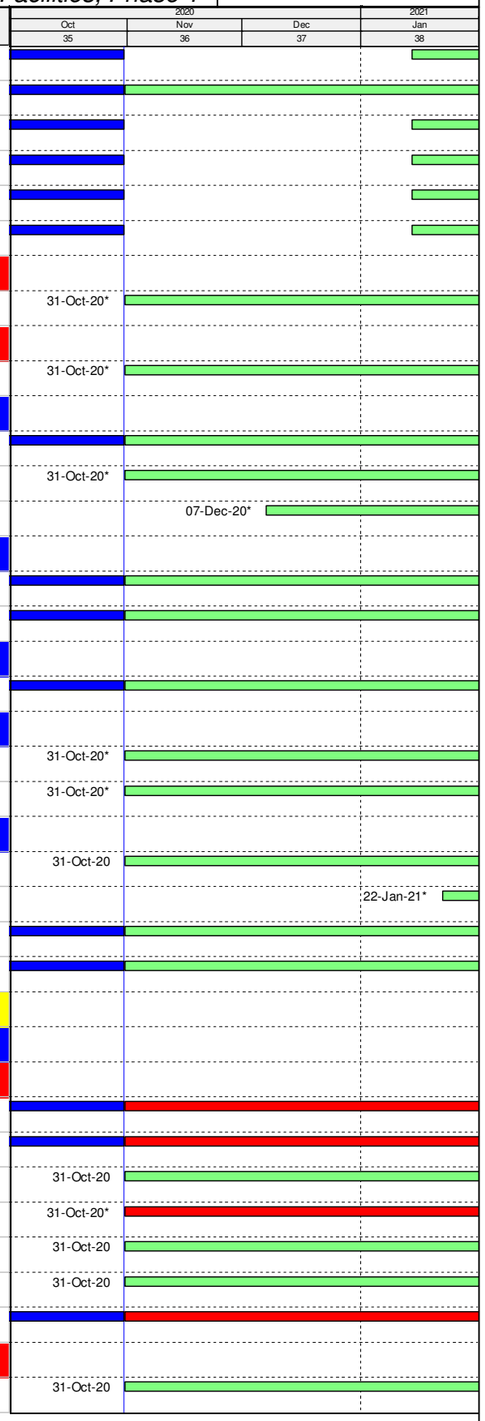
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-2370-3(5a)	Chemical scrubber system for odour control (2.10.04.10)	135	135	0%	0%	135	Start On or After	20-Nov-20*	03-Apr-21	20-Nov-20	03-Apr-21	21-Nov-20	04-Apr-21	1	
EP_SP_66_12-WP5A-M35.05.01.10.6 Design of telecommunication and other utilities (2.10.06)		626	839	78.43%		135		27-Nov-18 A	14-Mar-21	31-Oct-20	14-Mar-21	01-Oct-20	05-Jan-23	662	
05-2380	Power Distribution System concept / schematics (2.10.06.01)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	08-Jan-21	22-May-21	69	
05-2400	Lightning Protection System concept / schematics (2.10.06.03)	135	369	55.56%	65%	60	Start On or After	27-Dec-19 A	29-Dec-20	31-Oct-20	29-Dec-20	03-Dec-20	31-Jan-21	33	
05-2410	Site ELV Network System - Communications System concept / schematics (2.10.06.04)	135	371	0%	5%	135	Start On or After	09-Mar-20 A	14-Mar-21	31-Oct-20	14-Mar-21	08-Jan-21	22-May-21	69	
05-2420	Site ELV Network System - Security Systems concept / schematics (2.10.06.05)	135	371	0%	5%	135	Start On or After	09-Mar-20 A	14-Mar-21	31-Oct-20	14-Mar-21	08-Jan-21	22-May-21	69	
05-2430	Site ELV Network System - Navigation aids concept / schematics (2.10.06.06)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	08-Jan-21	22-May-21	69	
05-2440	Microwave transmission of FS direct link (2.10.06.07)	135	794	33.33%	33.33%	90		27-Nov-18 A	28-Jan-21	31-Oct-20	28-Jan-21	22-Feb-21	22-May-21	114	
05-2450	Fuel Handling System concept / schematics (2.10.06.08)	135	416	0%	5%	135	Start On or After	24-Jan-20 A	14-Mar-21	31-Oct-20	14-Mar-21	24-Aug-22	05-Jan-23	662	
05-3190	Computerised Maintenance Management System (CMMS)	105	614	0%	5%	105	Start On or After	10-Jun-19 A	12-Feb-21	31-Oct-20	12-Feb-21	01-Oct-20	13-Jan-21	-30	
05-3200	Information and Document Management System (IDMS)	105	579	0%	5%	105	Start On or After	15-Jul-19 A	12-Feb-21	31-Oct-20	12-Feb-21	01-Oct-20	13-Jan-21	-30	
05-3200-1(M34)	Design of Pipe / Utilities Trenches concept (2.10.06.09.01)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	29-May-21	10-Sep-21	210	
05-3200-2(M34)	Sitewide Utilities Trenches Design (2.10.06.09.02)	105	114	0%	5%	105	Start On or After	22-Oct-20 A	12-Feb-21	31-Oct-20	12-Feb-21	29-May-21	10-Sep-21	210	
05-3840 (M22)	Automatic Traffic Control System (ATCS) (2.10.06.12)	90	90	0%	0%	90		31-Oct-20	28-Jan-21	31-Oct-20	28-Jan-21	04-Jan-21	03-Apr-21	65	
EP_SP_66_12-WP5A-M35.05.01.10.7 Utility ducts/Pipebridges design (2.10.25)		181	249	33.7%		120		24-Jun-20 A	27-Feb-21	31-Oct-20	27-Feb-21	02-Nov-20	01-Mar-21	2	
05-2480	Pipebridge network - Layout	120	120	0%	0%	120		31-Oct-20	27-Feb-21	31-Oct-20	27-Feb-21	02-Nov-20	01-Mar-21	2	
05-2490	Pipebridge network - Foundation Plan	135	189	55.56%	5%	60		24-Jun-20 A	29-Dec-20	31-Oct-20	29-Dec-20	02-Nov-20	31-Dec-20	2	
05-2500	Pipebridge network - Structure Plan	135	189	55.56%	5%	60		24-Jun-20 A	29-Dec-20	31-Oct-20	29-Dec-20	02-Nov-20	31-Dec-20	2	
EP_SP_66_12-WP5A-M35.05.01.11 AIP Architectural, Finishes and Landscaping Works (2.11)		211	395	14.69%		180		30-Mar-20 A	28-Apr-21	31-Oct-20	28-Apr-21	04-Oct-20	07-Feb-23	650	
EP_SP_66_12-WP5A-M35.05.01.11.1 External and internal finishes design for Incineration Plant Buildings (2.11.01)		137	352	0%		137		30-Mar-20 A	16-Mar-21	31-Oct-20	16-Mar-21	22-Jun-21	05-Apr-22	385	
05-2510	External and internal finishes design for Incineration Plant Building (6 Packages)	137	317	0%	5%	137	Start On or After	04-May-20 A	16-Mar-21	31-Oct-20	16-Mar-21	22-Aug-21	05-Jan-22	295	
05-2520	External and internal finishes design for ACC Equipment Structure	137	137	0%	0%	137	Start On or After	31-Oct-20*	16-Mar-21	31-Oct-20	16-Mar-21	22-Aug-21	05-Jan-22	295	
05-2530	External and internal finishes design for Turbine Hall Building (3 Packages)	137	317	0%	5%	137	Start On or After	04-May-20 A	16-Mar-21	31-Oct-20	16-Mar-21	20-Nov-21	05-Apr-22	385	
05-2540	External and internal finishes design for Air Compressor Building (3 Packages)	137	317	0%	5%	137	Start On or After	04-May-20 A	16-Mar-21	31-Oct-20	16-Mar-21	22-Jun-21	05-Nov-21	234	
05-2550	External and internal finishes design for Chimney (6 Packages)	137	137	0%	0%	137	Start On or After	31-Oct-20*	16-Mar-21	31-Oct-20	16-Mar-21	21-Oct-21	06-Mar-22	355	
05-2560	External and internal finishes design for Reception Pavilion (5 Packages)	137	352	0%	5%	137	Start On or After	30-Mar-20 A	16-Mar-21	31-Oct-20	16-Mar-21	21-Oct-21	06-Mar-22	355	
EP_SP_66_12-WP5A-M35.05.01.11.2 External and internal finishes design for MT Plant Building (2.11.02)		136	323	0%		136		27-Apr-20 A	15-Mar-21	31-Oct-20	15-Mar-21	27-Sep-21	09-Feb-22	331	
05-2570	External and internal finishes design for MT Plant Building (7 Packages)	136	323	0%	5%	136	Start On or After	27-Apr-20 A	15-Mar-21	31-Oct-20	15-Mar-21	27-Sep-21	09-Feb-22	331	
EP_SP_66_12-WP5A-M35.05.01.11.3 External and internal finishes design for the Wastewater Treatment Plant (2.11.03		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	28-Sep-21	09-Feb-22	332	
05-2580	External and internal finishes design for the Wastewater Treatment Plant (3 Packages)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	28-Sep-21	09-Feb-22	332	
EP_SP_66_12-WP5A-M35.05.01.11.4 External and internal finishes design for the Water Treatment Plant Building (2.1		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	28-Sep-21	09-Feb-22	332	
05-2590	External and internal finishes design for the Water Treatment Plant Building (3 Packages)	135	135	0%	0%	135	Start On or After	31-Oct-20*	14-Mar-21	31-Oct-20	14-Mar-21	28-Sep-21	09-Feb-22	332	
EP_SP_66_12-WP5A-M35.05.01.11.5 External and internal finishes design for the Administration Building (2.11.05)		135	322	0%		135		27-Apr-20 A	14-Mar-21	31-Oct-20	14-Mar-21	29-Dec-21	12-May-22	424	
05-2600	External and internal finishes design for the Administration Building (6 Packages)	135	322	0%	5%	135	Start On or After	27-Apr-20 A	14-Mar-21	31-Oct-20	14-Mar-21	29-Dec-21	12-May-22	424	
EP_SP_66_12-WP5A-M35.05.01.11.6 External and internal finishes design for the IWMF Substation (2.11.06)		135	350	0%		135		30-Mar-20 A	14-Mar-21	31-Oct-20	14-Mar-21	04-Oct-20	15-Feb-21	-27	
05-2610	External and internal finishes design for the IWMF Substation (4 Packages)	135	350	0%	5%	135	Start On or After	30-Mar-20 A	14-Mar-21	31-Oct-20	14-Mar-21	04-Oct-20	15-Feb-21	-27	
EP_SP_66_12-WP5A-M35.05.01.11.7 Landscape masterplan (2.11.07)		211	356	14.69%		180		08-May-20 A	28-Apr-21	31-Oct-20	28-Apr-21	17-Nov-21	15-May-22	382	
05-2620	Water Feature (2.11.07.01)	105	314	0%	5%	105	Start On or After	19-Jun-20 A	28-Apr-21	14-Jan-21	28-Apr-21	17-Nov-21	01-Mar-22	307	
05-2630	Planting details	105	105	0%	0%	105	Start On or After	14-Jan-21*	28-Apr-21	14-Jan-21	28-Apr-21	17-Nov-21	01-Mar-22	307	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

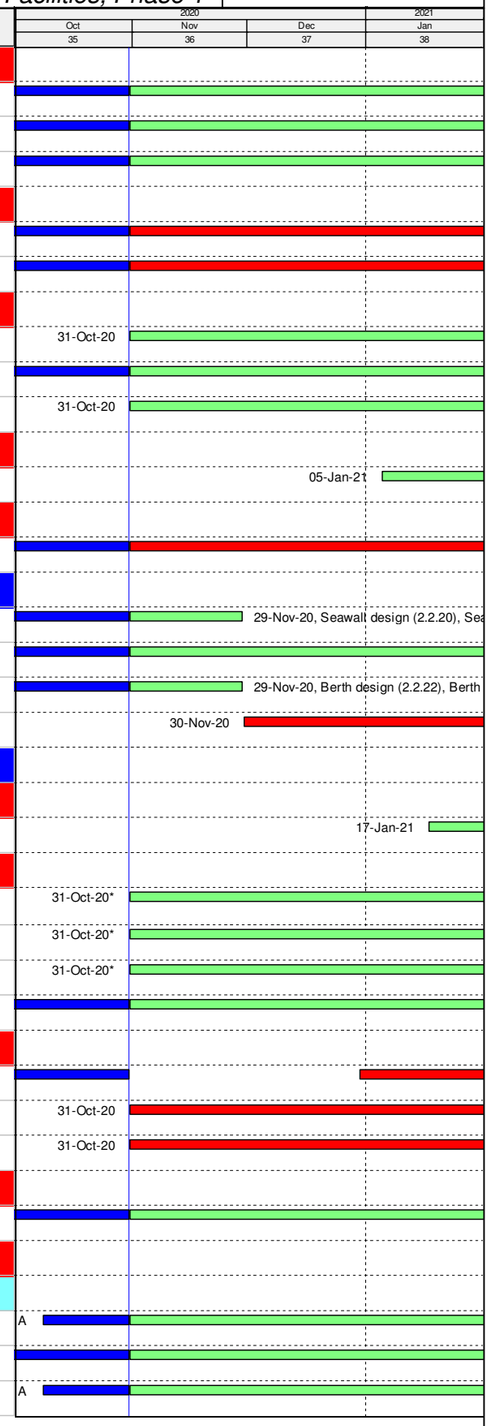
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-2920_1(M34)	Turbine Hall Building (2.11.07.04)	105	356	0%	5%	105		08-May-20 A	28-Apr-21	14-Jan-21	28-Apr-21	31-Jan-22	15-May-22	382	
05-2920_2(M34)	Reception Pavilion (2.11.07.06)	105	281	0%	5%	105		08-May-20 A	12-Feb-21	31-Oct-20	12-Feb-21	31-Jan-22	15-May-22	457	
05-2920_3(M34)	MT Plant Building and Water Treatment Plant Building (2.11.07.07)	105	356	0%	5%	105		08-May-20 A	28-Apr-21	14-Jan-21	28-Apr-21	31-Jan-22	15-May-22	382	
05-2920_4(M34)	Administration Building (2.11.07.08)	105	356	0%	5%	105		08-May-20 A	28-Apr-21	14-Jan-21	28-Apr-21	31-Jan-22	15-May-22	382	
05-2920_5(M34)	IWMF Substation (2.11.07.09)	105	356	0%	5%	105		08-May-20 A	28-Apr-21	14-Jan-21	28-Apr-21	31-Jan-22	15-May-22	382	
05-2920_6(M34)	Process Building (2.11.07.10)	105	356	0%	5%	105		08-May-20 A	28-Apr-21	14-Jan-21	28-Apr-21	31-Jan-22	15-May-22	382	
EP_SP_66_12-WP5A-M35.05.01.11.8	**Architectural Detailing - Site Wide (2.11.29)**	137	137	0%		137		31-Oct-20	16-Mar-21	31-Oct-20	16-Mar-21	01-Nov-20	17-Mar-21	1	
05-2640	Architectural Detailing - Site Wide Concept	137	137	0%	0%	137	Start On or After	31-Oct-20*	16-Mar-21	31-Oct-20	16-Mar-21	01-Nov-20	17-Mar-21	1	
EP_SP_66_12-WP5A-M35.05.01.11.9	**External and internal finishes design for Elavated Driveway**	137	137	0%		137		31-Oct-20	16-Mar-21	31-Oct-20	16-Mar-21	24-Sep-22	07-Feb-23	693	
05-5410	External and internal finishes design for Elavated Driveway	137	137	0%	0%	137	Start On or After	31-Oct-20*	16-Mar-21	31-Oct-20	16-Mar-21	24-Sep-22	07-Feb-23	693	
EP_SP_66_12-WP5A-M35.05.01.12	**AIP Testing and Commissioning (2.12)**	631	876	49.45%		319		23-Apr-19 A	14-Sep-21	31-Oct-20	14-Sep-21	09-Dec-20	03-Dec-21	80	
05-2650-1(5)	Factory Acceptance Testing plan (2.12.01.02-06) (7 Packages)	60	876	0%	0%	319		23-Apr-19 A	14-Sep-21	31-Oct-20	14-Sep-21	19-Jan-21	03-Dec-21	80	
05-2660	Site Acceptance Testing plan (2.12.02)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	23-Jan-21	07-May-21	84	
05-2670	System commissioning plan (2.12.03)	105	105	0%	0%	105	Start On or After	07-Dec-20*	21-Mar-21	07-Dec-20	21-Mar-21	09-Dec-20	23-Mar-21	2	
EP_SP_66_12-WP5A-M35.05.01.13	**AIP Transportation Facilities for the Operation (2.13)**	136	229	22.79%		105		29-Jun-20 A	12-Feb-21	31-Oct-20	12-Feb-21	09-Nov-20	24-Aug-21	193	
05-2690	Design of vehicles for MSW and Ash and Residues delivery (2.13.01)	105	229	0%	5%	105		29-Jun-20 A	12-Feb-21	31-Oct-20	12-Feb-21	09-Nov-20	21-Feb-21	9	
05-2700	Design of marine vessels for the use of the Employer and visitors (2.13.02)	105	158	0%	5%	105		08-Sep-20 A	12-Feb-21	31-Oct-20	12-Feb-21	12-May-21	24-Aug-21	193	
EP_SP_66_12-WP5A-M35.05.01.14	**AIP Miscellaneous Works (2.14)**	105	222	0%		105		06-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	08-May-21	20-Aug-21	189	
05-2720	Design of visitors and environmental education facilities (2.14.02)	105	222	0%	5%	105		06-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	08-May-21	20-Aug-21	189	
EP_SP_66_12-WP5A-M35.05.01.15	**AIP Miscellaneous Detailing (2.15)**	105	105	0%		105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	13-Nov-20	26-May-21	103	
05-2730	Covered walkway at passenger berth (2.15.02)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	13-Nov-20	25-Feb-21	13	
05-2750	Weighbridge office (2.15.04)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	11-Feb-21	26-May-21	103	
EP_SP_66_12-WP5A-M35.05.01.16	**AIP Auxiliary Plant Systems (2.16)**	218	389	0%		218		13-May-20 A	05-Jun-21	31-Oct-20	05-Jun-21	24-Apr-21	19-Jul-22	409	
05-2770	Vehicle Fuel Filling Station (2.16.02)	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	21-Jan-22	04-Jun-22	447	
05-2780	Stores systems (2.16.03)	135	135	0%	0%	135	Start On or After	22-Jan-21*	05-Jun-21	22-Jan-21	05-Jun-21	07-Mar-22	19-Jul-22	409	
05-2780-1(5a)	IWMF Laboratory (2.16.04)	135	306	0%	5%	135		13-May-20 A	14-Mar-21	31-Oct-20	14-Mar-21	02-Sep-21	14-Jan-22	306	
05-2780-2(5a)	hoisting systems (2.16.09)	135	180	0%	5%	135		16-Sep-20 A	14-Mar-21	31-Oct-20	14-Mar-21	24-Apr-21	05-Sep-21	175	
EP_SP_66_12-WP5A-M35.05.02	**DDA Design Package Submissions**	965	1129	58.65%		399		01-Nov-18 A	03-Dec-21	31-Oct-20	03-Dec-21	25-Sep-20	12-Dec-23	739	
EP_SP_66_12-WP5A-M35.05.02.01	**DDA Process and Layout Design (2.1)**	232	754	20.69%		184		10-Apr-19 A	02-May-21	31-Oct-20	02-May-21	25-Sep-20	15-Feb-22	289	
EP_SP_66_12-WP5A-M35.05.02.01.1	**MSW treatment process design for incineration (2.1.13)**	136	296	22.79%		105		23-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	03-Dec-21	294	
05-5090	Incineration System (2.1.13.01) (2 Packages) (link up with 05-3610)	105	198	0%	5%	105		30-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-5100	Heat Recovery Boiler (2.1.13.02) (2 Packages) (link up with 05-3620)	105	296	0%	5%	105	Start On or After	23-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-5110	Ash Cranes (2.1.13.04) (2 Packages)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	18-Dec-20	01-Apr-21	48	
05-5120	Leachate Collection and Treatment (2.1.13.05) (2 Packages)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-5130	Waste Water Treatment System (2.1.13.06) (2 Packages)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	21-Aug-21	03-Dec-21	294	
05-5140	Overall Plan Water Scheme (2.1.13.07)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	17-Feb-21	01-Jun-21	109	
05-5150	Boiler Feed Water System (2.1.13.03) (2 Packages)	105	194	0%	45%	105	Start On or After	03-Aug-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
EP_SP_66_12-WP5A-M35.05.02.01.2	**MSW treatment process design for mechanical treatment (2.1.14)**	105	105	0%		105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	29-Nov-20	13-Mar-21	29	
05-3510	Water Treatment Plant and Boiler Water Treatment (Demin Unit) Plant	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	29-Nov-20	13-Mar-21	29	



3-Month Rolling Programme (October 2020)

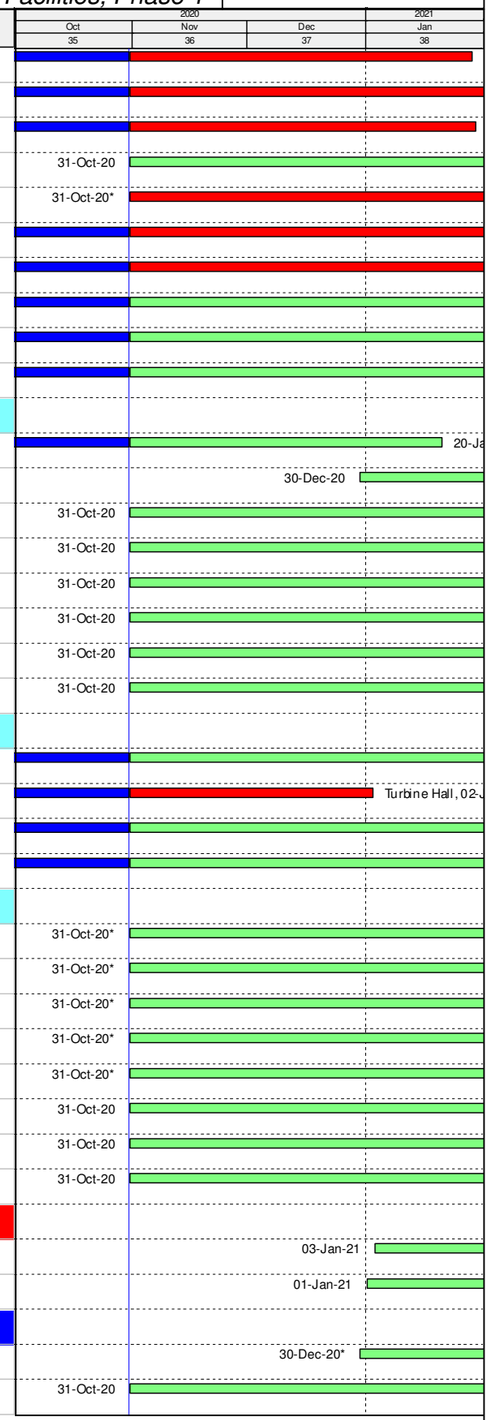
Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
EP_SP_66_12-WP5A-M35.05.02.01.3	**Waste heat recovery and Power generation system (2.1.15)**	166	299	36.75%		105		20-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-Feb-22	355	
05-5220	Power Island (Steam Turbine Generator, Pressure Reducing and Desuperheating Station, Air Cooled Condenser)	105	264	0%	5%	105		25-May-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-5230	Closed Circuit Cooling Water System	105	299	0%	5%	105		20-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	21-Oct-21	02-Feb-22	355	
05-5240	Compressed Air Plants	105	299	0%	5%	105		20-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	21-Oct-21	02-Feb-22	355	
EP_SP_66_12-WP5A-M35.05.02.01.4	**Flue gas treatment process design for incineration (2.1.16)**	105	296	0%		105		23-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-4660	Flue Gas Treatment System (2 Packages)	105	296	0%	5%	105	Start On or After	23-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-4980	Boiler ash and APC residue handling and solidification (2 Packages)	105	296	0%	5%	105	Start On or After	23-Apr-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
EP_SP_66_12-WP5A-M35.05.02.01.5	**Logistic arrangement design for MSW and Ash and Residues (2.1.17)**	166	222	36.75%		105		06-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Dec-20	15-Feb-22	368	
05-4390	Weighbridge Systems	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	16-Jun-21	28-Sep-21	228	
05-4400	Waste Crane and Grapple System	105	222	0%	5%	105		06-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Dec-20	01-Apr-21	48	
05-4410	Mechanical Shredder	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	03-Nov-21	15-Feb-22	368	
EP_SP_66_12-WP5A-M35.05.02.01.6	**Site Master Layout Plan and Plant Layout (2.1.18)**	105	105	0%		105		05-Jan-21	19-Apr-21	05-Jan-21	19-Apr-21	12-Apr-21	25-Jul-21	97	
05-3520	Site Master Layout Plan and Plant Layout	105	105	0%	0%	105		05-Jan-21	19-Apr-21	05-Jan-21	19-Apr-21	12-Apr-21	25-Jul-21	97	
EP_SP_66_12-WP5A-M35.05.02.01.7	**Statutory Fire Compliance (2.1.26)**	60	754	0%		184		10-Apr-19 A	02-May-21	31-Oct-20	02-May-21	31-Oct-20	02-May-21	0	
05-4420	Fire Safety Compliance	60	754	0%	0%	184		10-Apr-19 A	02-May-21	31-Oct-20	02-May-21	31-Oct-20	02-May-21	0	
EP_SP_66_12-WP5A-M35.05.02.02	**DDA Ground Treatment, Reclamation, Seawall, Breakwater, Berth (2.2)**	815	895	79.75%		165		01-Nov-18 A	13-Apr-21	31-Oct-20	13-Apr-21	30-Nov-20	07-Jun-21	55	
05-3450	Seawall design (2.2.20)	60	749	50%	65%	30		12-Nov-18 A	29-Nov-20	31-Oct-20	29-Nov-20	10-Dec-20	08-Jan-21	40	
05-3460	Breakwater design (2.2.21)	105	673	0%	65%	105		12-Apr-19 A	12-Feb-21	31-Oct-20	12-Feb-21	04-Jan-21	18-Apr-21	65	
05-3470	Berth design (2.2.22)	60	760	50%	65%	30		01-Nov-18 A	29-Nov-20	31-Oct-20	29-Nov-20	09-May-21	07-Jun-21	190	
05-3490	Onshore vessel power supply system (2.2.24)	135	135	0%	0%	135		30-Nov-20	13-Apr-21	30-Nov-20	13-Apr-21	30-Nov-20	13-Apr-21	0	
EP_SP_66_12-WP5A-M35.05.02.03	**DDA Incineration Plant Buildings (2.3)**	926	896	70.84%		270		13-Feb-19 A	27-Jul-21	31-Oct-20	27-Jul-21	25-Sep-20	21-Mar-23	602	
EP_SP_66_12-WP5A-M35.05.02.03.2	**Foundation design (2.3.13)**	137	137	0%		137		17-Jan-21	02-Jun-21	17-Jan-21	02-Jun-21	29-Dec-21	14-May-22	346	
05-3230	ACC Equipment Structure	137	137	0%	0%	137		17-Jan-21	02-Jun-21	17-Jan-21	02-Jun-21	29-Dec-21	14-May-22	346	
EP_SP_66_12-WP5A-M35.05.02.03.3	**Structural design (2.3.14)**	189	345	0%		189		28-May-20 A	07-May-21	31-Oct-20	07-May-21	13-May-22	21-Mar-23	683	
05-5350	Turbin Hall Building (2.3.14.03)	189	189	0%	0%	189	Start On or After	31-Oct-20*	07-May-21	31-Oct-20	07-May-21	12-Jun-22	17-Dec-22	589	
05-5360	Compressor and CCCW Building	189	189	0%	0%	189	Start On or After	31-Oct-20*	07-May-21	31-Oct-20	07-May-21	14-Jul-22	18-Jan-23	621	
05-5380	Chimney, Elevated Drive Way and associated structures and Reception Pavilion	189	189	0%	0%	189	Start On or After	31-Oct-20*	07-May-21	31-Oct-20	07-May-21	13-May-22	17-Nov-22	559	Revised Activity Name
05-5390	Reception Pavilion Structural Design	189	345	0%	5%	189	Start On or After	28-May-20 A	07-May-21	31-Oct-20	07-May-21	14-Sep-22	21-Mar-23	683	
EP_SP_66_12-WP5A-M35.05.02.03.4	**Electrical and instrumentation works design (2.3.15)**	270	309	0%		270		22-Sep-20 A	27-Jul-21	31-Oct-20	27-Jul-21	01-Oct-20	03-Jul-21	-24	
05-3360	11kV/380V Power Transformers and 11kV Earthing Transformer	105	204	0%	5%	105		22-Sep-20 A	13-Apr-21	30-Dec-20	13-Apr-21	30-Dec-20	13-Apr-21	0	
05-3370	E&IC Package 1 (Process Island)	270	270	0%	0%	270		31-Oct-20	27-Jul-21	31-Oct-20	27-Jul-21	07-Oct-20	03-Jul-21	-24	
05-3380	E&IC Package 2 (Power Island)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	01-Oct-20	13-Jan-21	-30	
EP_SP_66_12-WP5A-M35.05.02.03.8	**Operation Management System (2.3.15.04)**	105	250	0%		105		08-Jun-20 A	12-Feb-21	31-Oct-20	12-Feb-21	28-Jul-21	09-Nov-21	270	
05-3390	Supervisory Control/Data Acquisition/Distributed Control (SCADA/DCS) System (12 Packages)	105	250	0%	5%	105		08-Jun-20 A	12-Feb-21	31-Oct-20	12-Feb-21	28-Jul-21	09-Nov-21	270	
EP_SP_66_12-WP5A-M35.05.02.03.5	**Mechanical works design (2.3.16)**	926	791	82.18%		165		13-Feb-19 A	13-Apr-21	31-Oct-20	13-Apr-21	25-Sep-20	15-Feb-22	308	
EP_SP_66_12-WP5A-M35.05.02.03.5.1	**Plant and Equipment**	716	731	85.34%		105		13-Feb-19 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	15-Feb-22	368	
05-3580	Weighbridge Systems	105	127	0%	5%	105		09-Oct-20 A	12-Feb-21	31-Oct-20	12-Feb-21	16-Jun-21	28-Sep-21	228	
05-3590	Waste Crane and Grapple System	105	136	0%	5%	105		30-Sep-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Dec-20	01-Apr-21	48	
05-3600	Mechanical Shredder	105	127	0%	0%	105		09-Oct-20 A	12-Feb-21	31-Oct-20	12-Feb-21	03-Nov-21	15-Feb-22	368	



Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

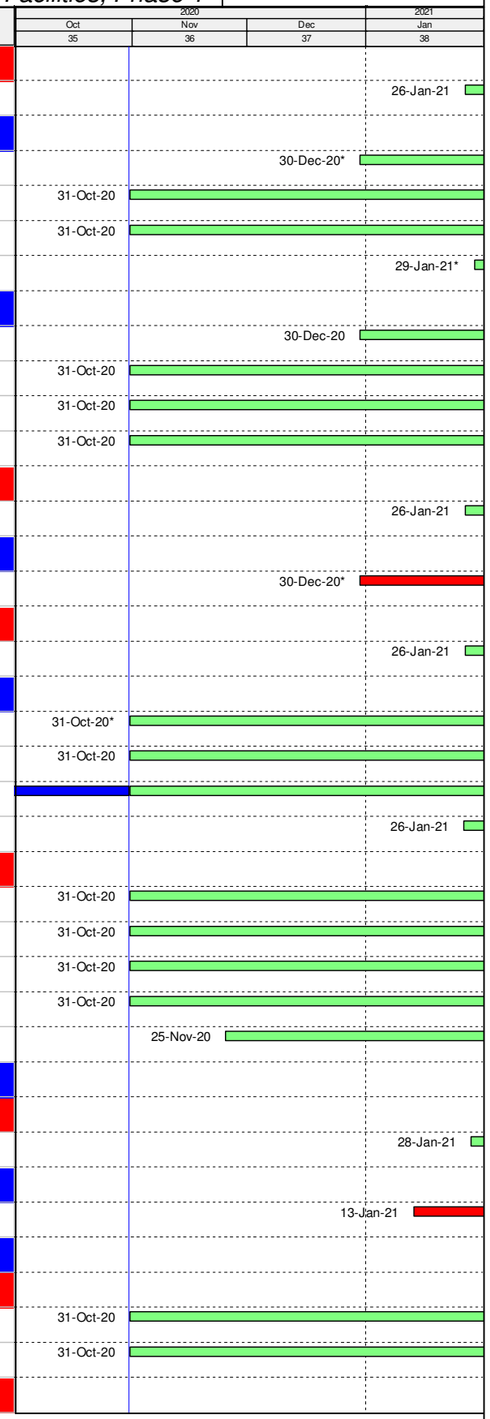
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-3610	Incineration System (9 Packages)	105	716	14.3%	5%	90		13-Feb-19 A	28-Jan-21	31-Oct-20	28-Jan-21	10-Oct-20	07-Jan-21	-21	
05-3620	Heat Recovery Boiler (8 Packages)	105	636	2%	5%	103		17-May-19 A	10-Feb-21	31-Oct-20	10-Feb-21	27-Sep-20	07-Jan-21	-34	
05-3630	Boiler Feed Water Systems (4 Packages)	105	563	14%	5%	90		16-Jul-19 A	29-Jan-21	31-Oct-20	29-Jan-21	09-Oct-20	07-Jan-21	-21	
05-3640	Ash cranes	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	18-Dec-20	01-Apr-21	48	
05-3650	Leachate collection and treatment	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-3790	Flue Gas Treatment System (12 Packages)	105	486	1.2%	5%	104		15-Oct-19 A	11-Feb-21	31-Oct-20	11-Feb-21	26-Sep-20	07-Jan-21	-35	
05-3800	Boiler ash and APC residue handling and solidification	105	249	0%	5%	105	Start On or After	09-Jun-20 A	12-Feb-21	31-Oct-20	12-Feb-21	25-Sep-20	07-Jan-21	-36	
05-3810	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS)	105	198	0%	5%	105		30-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-3820	Air cooled condenser	105	198	0%	5%	105		30-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	18-Jan-21	02-May-21	79	
05-3825(3)	Closed Circuit Cooling Water System	105	198	0%	5%	105		30-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	14-May-21	26-Aug-21	195	
EP_SP_66_12-WP5A-M35.05.02.03.5.2 Process Pipeworks (Incl. Ductworks) and Valves		410	699	59.76%		165		16-May-19 A	13-Apr-21	31-Oct-20	13-Apr-21	19-Nov-20	26-Dec-21	257	
05-3840	Process island (furnace-boiler-FGC)	105	616	21.9%	0%	82		16-May-19 A	20-Jan-21	31-Oct-20	20-Jan-21	06-Oct-21	26-Dec-21	340	
05-4350	Pipebridge A (Between Process island & Turbine Hall)	105	105	0%	0%	105		30-Dec-20	13-Apr-21	30-Dec-20	13-Apr-21	01-Apr-21	14-Jul-21	92	
05-4360	Compressed Air Plant area	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
05-4370	Pipebridge B (Between CCCW Area & Turbine Hall)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	01-Apr-21	14-Jul-21	152	
05-4380	Pipebridge C (Between Turbine Hall & ACC Yard)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	01-Apr-21	14-Jul-21	152	
05-4950	Turbine Hall	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	19-Nov-20	03-Mar-21	19	
05-4960	ACC Yard	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
05-4970	CCCW Area	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
EP_SP_66_12-WP5A-M35.05.02.03.5.3 Process steel structure support (For eqipment, piping & duct, cable tray etc)		376	198	72.07%		105		30-Jul-20 A	12-Feb-21	31-Oct-20	12-Feb-21	31-Oct-20	14-Jul-21	152	
05-3540	Pipebridge (Between Process island & Turbine Hall)	105	169	0%	5%	105		28-Aug-20 A	12-Feb-21	31-Oct-20	12-Feb-21	01-Apr-21	14-Jul-21	152	
05-3550	Turbine Hall	105	157	39.05%	0%	64		30-Jul-20 A	02-Jan-21	31-Oct-20	02-Jan-21	31-Oct-20	02-Jan-21	0	
05-3560	Pipebridge (Between CCCW Area & Turbine Hall)	105	169	0%	5%	105		28-Aug-20 A	12-Feb-21	31-Oct-20	12-Feb-21	01-Apr-21	14-Jul-21	152	
05-3570	Pipebridge (Between Turbine Hall & ACC Yard)	105	169	0%	5%	105		28-Aug-20 A	12-Feb-21	31-Oct-20	12-Feb-21	01-Apr-21	14-Jul-21	152	
EP_SP_66_12-WP5A-M35.05.02.03.5.4 Equipment and piping insulation		105	105	0%		105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	14-May-21	19-Oct-21	249	
05-4500	Incineration System	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	23-Jun-21	05-Oct-21	235	
05-4510	Heat Recovery Boiler	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	23-Jun-21	05-Oct-21	235	
05-4520	Boiler Feed Water Systems	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
05-4530	Flue Gas Treatment System	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	23-Jun-21	05-Oct-21	235	
05-4540	Boiler ash and APC residue handling and solidification	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
05-4550	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	23-Jun-21	05-Oct-21	235	
05-4560	Air cooled condenser	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	07-Jul-21	19-Oct-21	249	
05-4570	Closed Circuit Cooling Water System	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	14-May-21	26-Aug-21	195	
EP_SP_66_12-WP5A-M35.05.02.03.7 Building services design (excluding fire services installation design) (2.3.18)		137	137	0%		137		01-Jan-21	17-May-21	01-Jan-21	17-May-21	18-Apr-21	09-Nov-21	176	
05-3730	Drainage (7 Packages)	135	135	0%	0%	135		03-Jan-21	17-May-21	03-Jan-21	17-May-21	18-Apr-21	30-Aug-21	105	
05-3770	Building Management System (BMS) ELV (7 Packages)	135	135	0%	0%	135		01-Jan-21	15-May-21	01-Jan-21	15-May-21	28-Jun-21	09-Nov-21	178	
EP_SP_66_12-WP5A-M35.05.02.04 DDA Mechanical Treatment Plant Building (2.4)		223	223	0%		223		31-Oct-20	10-Jun-21	31-Oct-20	10-Jun-21	03-Jan-21	15-Mar-22	278	
05-5160	Architectural Design (2.4.25)	105	105	0%	0%	105	Start On or After	30-Dec-20*	13-Apr-21	30-Dec-20	13-Apr-21	03-Jan-21	17-Apr-21	4	
05-5170	Foundation design (2.4.13)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	01-Dec-21	15-Mar-22	396	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

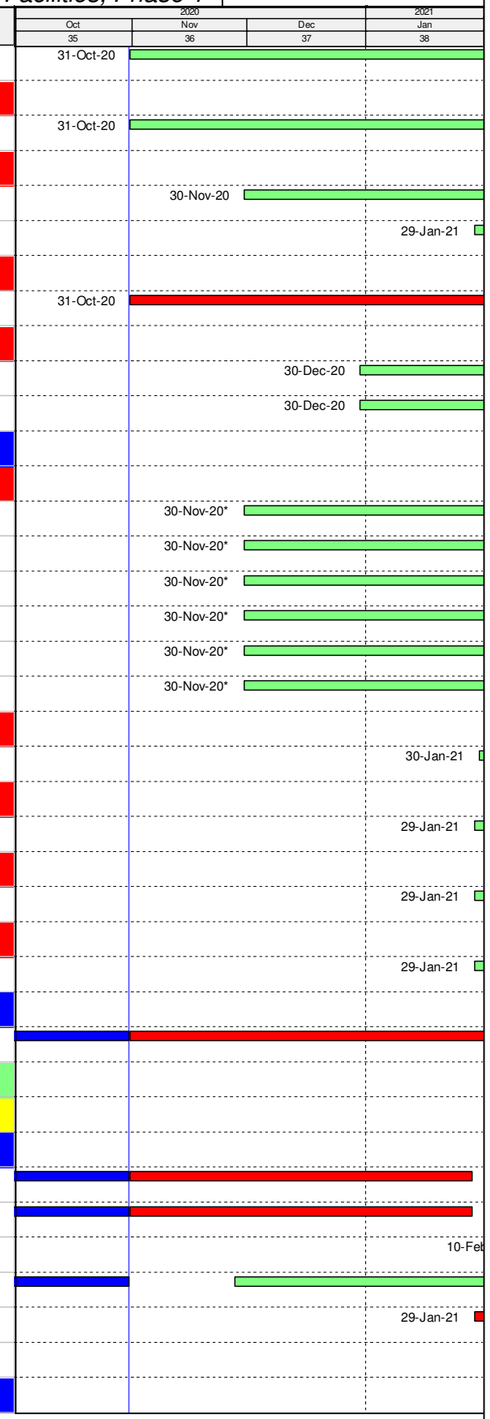
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
EP_SP_66_12-WP5A-M35.05.02.04.7	Building services design (excluding fire services installation design) (2.4.18)	135	135	0%		135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
05-3890	Drainage	135	135	0%	0%	135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
EP_SP_66_12-WP5A-M35.05.02.05	DDA Wastewater Treatment Plant (2.5)	195	195	0%		195		31-Oct-20	13-May-21	31-Oct-20	13-May-21	05-Jan-21	21-Feb-22	284	
05-3920	Architectural Design (2.5.25)	75	75	0%	0%	75	Start On or After	30-Dec-20*	14-Mar-21	30-Dec-20	14-Mar-21	05-Jan-21	20-Mar-21	6	
05-3930	Foundation design (2.5.13)	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	10-Oct-21	21-Feb-22	344	
05-3950	Electrical and instrumentation works design (2.5.15)	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	03-May-21	14-Sep-21	184	
05-3970	Fire services installation design (2.5.17) (2 Packages)	105	105	0%	0%	105	Start On or After	29-Jan-21*	13-May-21	29-Jan-21	13-May-21	18-Apr-21	31-Jul-21	79	
EP_SP_66_12-WP5A-M35.05.02.06	DDA Water Treatment Plant Building (2.6)	223	223	0%		223		31-Oct-20	10-Jun-21	31-Oct-20	10-Jun-21	03-Jan-21	15-Mar-22	278	
05-4050	Architectural Design (2.6.25)	105	105	0%	0%	105		30-Dec-20	13-Apr-21	30-Dec-20	13-Apr-21	03-Jan-21	17-Apr-21	4	
05-4060	Foundation design (2.6.13)	180	180	0%	0%	180		31-Oct-20	28-Apr-21	31-Oct-20	28-Apr-21	17-Sep-21	15-Mar-22	321	
05-4080	Electrical and instrumentation works design (2.6.15)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	02-Jun-21	14-Sep-21	214	
05-4090	Mechanical works design (2.6.16)	105	105	0%	0%	105		31-Oct-20	12-Feb-21	31-Oct-20	12-Feb-21	02-Jun-21	14-Sep-21	214	
EP_SP_66_12-WP5A-M35.05.02.06.7	Building services design (excluding fire services installation design) (2.6.18)	135	135	0%		135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
05-4150	Drainage	135	135	0%	0%	135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
EP_SP_66_12-WP5A-M35.05.02.07	DDA Administration Building (2.7)	163	163	0%		163		30-Dec-20	10-Jun-21	30-Dec-20	10-Jun-21	04-Dec-20	30-Aug-21	81	
05-4170	Architectural Design (2.7.21)	105	105	0%	0%	105	Start On or After	30-Dec-20*	13-Apr-21	30-Dec-20	13-Apr-21	04-Dec-20	18-Mar-21	-26	
EP_SP_66_12-WP5A-M35.05.02.07.6	Building services design (excluding fire services installation design) (2.7.15)	135	135	0%		135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
05-4260	Drainage	135	135	0%	0%	135		26-Jan-21	10-Jun-21	26-Jan-21	10-Jun-21	18-Apr-21	30-Aug-21	81	
EP_SP_66_12-WP5A-M35.05.02.08	DDA IWMF Substation (2.8)	300	469	26%		222		27-Feb-20 A	09-Jun-21	31-Oct-20	09-Jun-21	04-Dec-20	29-Apr-22	324	
05-4290	Architectural Design (2.8.25)	105	105	0%	0%	105	Start On or After	31-Oct-20*	12-Feb-21	31-Oct-20	12-Feb-21	04-Dec-20	18-Mar-21	34	
05-4300	Foundation design (2.8.13)	200	200	0%	0%	200		31-Oct-20	18-May-21	31-Oct-20	18-May-21	10-Jul-21	25-Jan-22	252	
05-4310	Structural design (2.8.14)	195	442	0%	5%	195		27-Feb-20 A	13-May-21	31-Oct-20	13-May-21	17-Oct-21	29-Apr-22	351	
05-4320	Electrical and instrumentation works design (2.8.15)	135	135	0%	0%	135		26-Jan-21	09-Jun-21	26-Jan-21	09-Jun-21	23-Feb-21	07-Jul-21	28	
EP_SP_66_12-WP5A-M35.05.02.08.7	Building services design (excluding fire services installation design) (2.8.18)	160	160	0%		160		31-Oct-20	08-Apr-21	31-Oct-20	08-Apr-21	13-Feb-21	05-Nov-21	211	
05-4990	Electrical Services and Lighting	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	13-Feb-21	27-Jun-21	105	
05-5000	MVAC	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	05-Apr-21	17-Aug-21	156	
05-5010	Plumbing	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	24-Jun-21	05-Nov-21	236	
05-5020	Drainage	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Apr-21	30-Aug-21	169	
05-5030	ELV	135	135	0%	0%	135		25-Nov-20	08-Apr-21	25-Nov-20	08-Apr-21	13-Feb-21	27-Jun-21	80	
EP_SP_66_12-WP5A-M35.05.02.1	DDA Chimney	135	135	0%		135		28-Jan-21	11-Jun-21	28-Jan-21	11-Jun-21	16-Mar-21	28-Jul-21	47	
EP_SP_66_12-WP5A-M35.05.02.1.1	Building services design (excluding fire services installation design)	135	135	0%		135		28-Jan-21	11-Jun-21	28-Jan-21	11-Jun-21	16-Mar-21	28-Jul-21	47	
05-6060(5a)	Building Management System (BMS)	135	135	0%	0%	135		28-Jan-21	11-Jun-21	28-Jan-21	11-Jun-21	16-Mar-21	28-Jul-21	47	
EP_SP_66_12-WP5A-M35.05.02.09	DDA Air Quality Monitoring Stations (2.9)	135	135	0%		135		13-Jan-21	27-May-21	13-Jan-21	27-May-21	13-Jan-21	27-May-21	0	
05-4490	Design of the Air Quality Monitoring Stations (2.9.03)	135	135	0%	0%	135		13-Jan-21	27-May-21	13-Jan-21	27-May-21	13-Jan-21	27-May-21	0	
EP_SP_66_12-WP5A-M35.05.02.10	DDA Roads and Utilities (2.10)	195	195	0%		195		31-Oct-20	13-May-21	31-Oct-20	13-May-21	03-Oct-20	12-Dec-23	943	
EP_SP_66_12-WP5A-M35.05.02.10.1	Permanent road works layout on the Artificial Island (2.10.13)	135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Mar-23	12-Dec-23	1003	
05-4470	Roads and hardstandings layout	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Mar-23	30-Jul-23	868	
05-4480	Road signage and markings	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	31-Jul-23	12-Dec-23	1003	
EP_SP_66_12-WP5A-M35.05.02.10.2	Sewerage design on the Artificial Island (2.10.14)	135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Apr-21	30-Aug-21	169	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

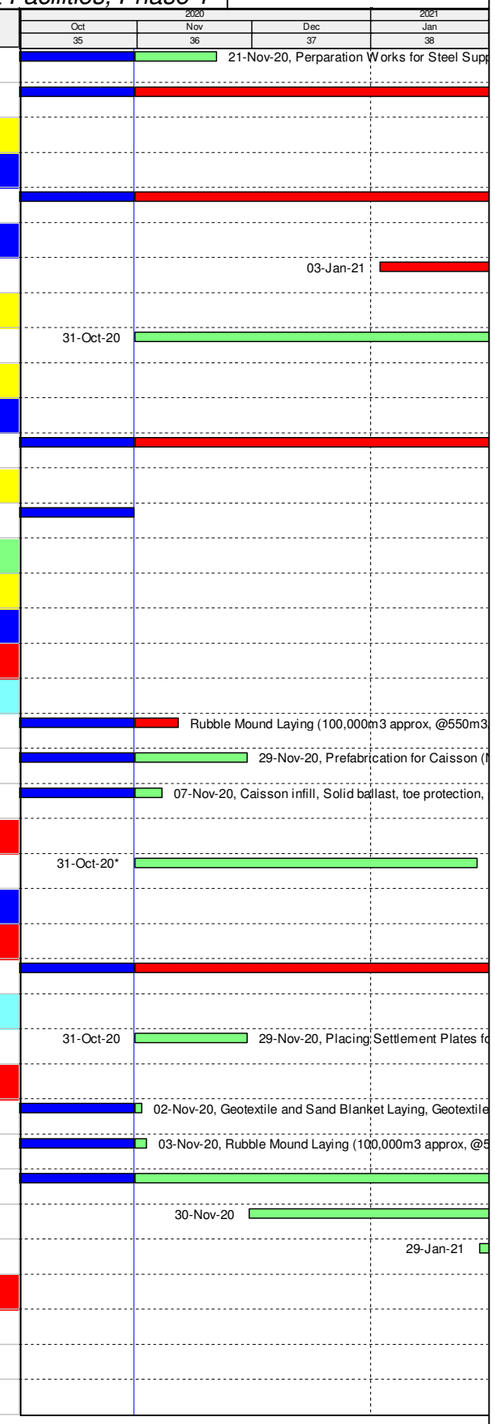
Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
05-4430	Foul Sewerage	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Apr-21	30-Aug-21	169	
EP_SP_66_12-WP5A-M35.05.02.10.3 Drainage system design on the Artificial Island (2.10.15)		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Apr-21	30-Aug-21	169	
05-5310	Surface water Drainage System	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	18-Apr-21	30-Aug-21	169	
EP_SP_66_12-WP5A-M35.05.02.10.4 Water supply system design on the Artificial Island (2.10.16)		150	150	0%		150		30-Nov-20	28-Apr-21	30-Nov-20	28-Apr-21	08-Aug-21	23-Nov-21	209	
05-5300-1(M24)	E&M system for seawater intake and brine discharge (2.10.04.07)	90	90	0%	0%	90		30-Nov-20	27-Feb-21	30-Nov-20	27-Feb-21	26-Aug-21	23-Nov-21	269	
05-5300-2(M24)	Building Services system for seawater intake and brine discharge (2.10.04.09)	90	90	0%	0%	90		29-Jan-21	28-Apr-21	29-Jan-21	28-Apr-21	08-Aug-21	05-Nov-21	191	
EP_SP_66_12-WP5A-M35.05.02.10.6 Design of telecommunication and other utilities (2.10.18)		135	135	0%		135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	03-Oct-20	14-Feb-21	-28	
05-4590	Site Lighting Concept / Schematics	135	135	0%	0%	135		31-Oct-20	14-Mar-21	31-Oct-20	14-Mar-21	03-Oct-20	14-Feb-21	-28	
EP_SP_66_12-WP5A-M35.05.02.10.7 Utility ducts/Pipebridges design (2.10.26)		135	135	0%		135		30-Dec-20	13-May-21	30-Dec-20	13-May-21	01-Jan-21	15-May-21	2	
05-5070	Pipebridge network - Foundation Plan	135	135	0%	0%	135		30-Dec-20	13-May-21	30-Dec-20	13-May-21	01-Jan-21	15-May-21	2	
05-5080	Pipebridge network - Structure Plan	135	135	0%	0%	135		30-Dec-20	13-May-21	30-Dec-20	13-May-21	01-Jan-21	15-May-21	2	
EP_SP_66_12-WP5A-M35.05.02.11 DDA Architectural, Finishes and Landscaping Works (2.11)		198	198	0%		198		30-Nov-20	15-Jun-21	30-Nov-20	15-Jun-21	22-Jul-21	12-Aug-22	423	
EP_SP_66_12-WP5A-M35.05.02.11.1 External and internal finishes design for Incineration Plant Buildings (2.11.15)		137	137	0%		137		30-Nov-20	15-Apr-21	30-Nov-20	15-Apr-21	22-Jul-21	05-May-22	385	
05-4670	External and internal finishes design for Incineration Plant Building (13 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	21-Sep-21	04-Feb-22	295	
05-4680	External and internal finishes design for ACC Equipment Structure (3 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	21-Sep-21	04-Feb-22	295	
05-4690	External and internal finishes design for Turbine Hall Building (7 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	20-Dec-21	05-May-22	385	
05-4700	External and internal finishes design for Air Compressor Building (7 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	22-Jul-21	05-Dec-21	234	
05-4710	External and internal finishes design for Chimney (10 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	20-Nov-21	05-Apr-22	355	
05-4720	External and internal finishes design for Reception Pavilion (10 Packages)	137	137	0%	0%	137	Start On or After	30-Nov-20*	15-Apr-21	30-Nov-20	15-Apr-21	20-Nov-21	05-Apr-22	355	
EP_SP_66_12-WP5A-M35.05.02.11.2 External and internal finishes design for MT Plant Building (2.11.16)		137	137	0%		137		30-Jan-21	15-Jun-21	30-Jan-21	15-Jun-21	27-Dec-21	12-May-22	331	
05-4730	External and internal finishes design for MT Plant Building	137	137	0%	0%	137		30-Jan-21	15-Jun-21	30-Jan-21	15-Jun-21	27-Dec-21	12-May-22	331	
EP_SP_66_12-WP5A-M35.05.02.11.3 External and internal finishes design for the Wastewater Treatment Plant (2.11.17		137	137	0%		137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	27-Dec-21	12-May-22	332	
05-4740	External and internal finishes design for the Wastewater Treatment Plant (7 Packages)	137	137	0%	0%	137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	27-Dec-21	12-May-22	332	
EP_SP_66_12-WP5A-M35.05.02.11.4 External and internal finishes design for the WT Plant Building (2.11.18)		137	137	0%		137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	27-Dec-21	12-May-22	332	
05-4750	External and internal finishes design for the Water Treatment Plant Building (9 Packages)	137	137	0%	0%	137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	27-Dec-21	12-May-22	332	
EP_SP_66_12-WP5A-M35.05.02.11.5 External and internal finishes design for the Administration Building (2.11.19)		137	137	0%		137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	29-Mar-22	12-Aug-22	424	
05-4760	External and internal finishes design for the Administration Building (12 Packages)	137	137	0%	0%	137		29-Jan-21	14-Jun-21	29-Jan-21	14-Jun-21	29-Mar-22	12-Aug-22	424	
EP_SP_66_12-WP5A-M35.05.02.12 DDA Testing and Commissioning (2.12)		60	956	0%		399		23-Apr-19 A	03-Dec-21	31-Oct-20	03-Dec-21	31-Oct-20	03-Dec-21	0	
05-4810-1(5a)	Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages)	60	956	0%	5%	399		23-Apr-19 A	03-Dec-21	31-Oct-20	03-Dec-21	31-Oct-20	03-Dec-21	0	
EP_SP_66_12-WP5A-M35.06 Procurement of Major Equipment		1406	1641	44.88%		775		18-Jun-18 A	14-Dec-22	31-Oct-20	14-Dec-22	29-Sep-20	16-Dec-22	2	
EP_SP_66_12-WP5A-M35.06.1 Off-site Fabrication of Incineration Modules		1271	1511	48.39%		656		29-Jun-18 A	17-Aug-22	31-Oct-20	17-Aug-22	29-Sep-20	17-Jul-22	-31	
EP_SP_66_12-WP5A-M35.06.1.25 Material Procurement		1163	1407	52.54%		552		29-Jun-18 A	05-May-22	31-Oct-20	05-May-22	05-Oct-20	11-Apr-22	-24	
06-1000-1(1)	Mechanical Equipment Material Submission and Approval	180	935	50%	50%	90		09-Jul-18 A	28-Jan-21	31-Oct-20	28-Jan-21	05-Oct-20	02-Jan-21	-26	
06-1000-2(1)	Pipe Material Submission and Approval	90	458	0%	88%	90		29-Oct-19 A	28-Jan-21	31-Oct-20	28-Jan-21	05-Oct-20	02-Jan-21	-26	
06-1000-3(1)	Electircal and Instrumentation Material Submission and Approval	90	90	0%	0%	90		10-Feb-21	10-May-21	10-Feb-21	10-May-21	17-Jan-21	16-Apr-21	-24	
06-1010-1(1)	Mechanical Equipment Procurement (incl. FAT)	360	1005	66.11%	66.11%	122		29-Jun-18 A	29-Mar-21	27-Nov-20	29-Mar-21	07-Jan-21	10-May-21	41	
06-1010-2(1)	Pipe Material Procurement (incl. FAT)	180	180	0%	0%	180		29-Jan-21	27-Jul-21	29-Jan-21	27-Jul-21	03-Jan-21	01-Jul-21	-26	
06-1010-3(1)	Electircal and Instrumentation Material Procurement (Incl. FAT)	360	360	0%	0%	360		11-May-21	05-May-22	11-May-21	05-May-22	17-Apr-21	11-Apr-22	-24	
EP_SP_66_12-WP5A-M35.06.1.26 Fabrication of Module		905	906	27.51%		656		24-Feb-20 A	17-Aug-22	31-Oct-20	17-Aug-22	29-Sep-20	17-Jul-22	-31	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
06-1010-4(5a)	Perparation Works for Steel Support Frame	180	272	87.78%	87.78%	22		24-Feb-20 A	21-Nov-20	31-Oct-20	21-Nov-20	28-Dec-21	18-Jan-22	423	
06-1020-1(1)	Erection of Steel Support Frame	669	702	1.94%	1.94%	656		15-Sep-20 A	17-Aug-22	31-Oct-20	17-Aug-22	29-Sep-20	17-Jul-22	-31	
EP_SP_66_12-WP5A-M35.06.2 Off-site Fabrication of Turbine Modules		350	1050	47.43%		184		18-Jun-18 A	02-May-21	31-Oct-20	02-May-21	31-Oct-20	02-May-21	0	
EP_SP_66_12-WP5A-M35.06.2.1 Material Procurement		350	1050	47.43%		184		18-Jun-18 A	02-May-21	31-Oct-20	02-May-21	31-Oct-20	02-May-21	0	
06-1060-1(1)	Mechanical Equipment Procurement (Incl. FAT)	350	1050	47.43%	47.43%	184		18-Jun-18 A	02-May-21	31-Oct-20	02-May-21	31-Oct-20	02-May-21	0	
EP_SP_66_12-WP5A-M35.06.2.2 Fabrication of Module		120	120	0%		120		03-Jan-21	02-May-21	03-Jan-21	02-May-21	03-Jan-21	02-May-21	0	
06-1070-1(1)	Erection of Steel Support Frame	120	120	0%	0%	120		03-Jan-21	02-May-21	03-Jan-21	02-May-21	03-Jan-21	02-May-21	0	
EP_SP_66_12-WP5A-M35.06.3 Procurement for ACC Units		250	250	0%		250		31-Oct-20	07-Jul-21	31-Oct-20	07-Jul-21	24-Nov-20	31-Jul-21	24	
06-1110	Material & Equipment Procurement	250	250	0%	0%	250		31-Oct-20	07-Jul-21	31-Oct-20	07-Jul-21	24-Nov-20	31-Jul-21	24	
EP_SP_66_12-WP5A-M35.06.7 Procurement for HV Transformers and Associated Equipment		550	1056	0%		586		19-Jul-19 A	08-Jun-22	31-Oct-20	08-Jun-22	30-Oct-20	07-Jun-22	-1	
EP_SP_66_12-WP5A-M35.06.7.1 Procurement of Transformers & EDG		550	1056	0%		586		19-Jul-19 A	08-Jun-22	31-Oct-20	08-Jun-22	30-Oct-20	07-Jun-22	-1	
06-1280(1)	Procurement of Transfromers	550	1056	0%	0%	586		19-Jul-19 A	08-Jun-22	31-Oct-20	08-Jun-22	30-Oct-20	07-Jun-22	-1	
EP_SP_66_12-WP5A-M35.06.10 Procruement and Off-site Fabrication of Pipe Bridges (Incl. Pipings)		450	858	0%		450		09-Aug-20 A	14-Dec-22	21-Sep-21	14-Dec-22	23-Sep-21	16-Dec-22	2	
06-1400	Material & Equipment Procurement	450	858	0%	0%	450		09-Aug-20 A	14-Dec-22	21-Sep-21	14-Dec-22	23-Sep-21	16-Dec-22	2	
EP_SP_66_12-WP5A-M35.08 Maritime Works		827	1130	40.63%		491		31-Jan-19 A	05-Mar-22	31-Oct-20	05-Mar-22	01-Oct-20	16-Mar-22	11	
EP_SP_66_12-WP5A-M35.08.1 Marine Construction		827	1130	40.63%		491		31-Jan-19 A	05-Mar-22	31-Oct-20	05-Mar-22	01-Oct-20	16-Mar-22	11	
EP_SP_66_12-WP5A-M35.08.1.1 Phase I - Construction of Perimeter Seawalls		762	458	88.19%		90		29-Oct-19 A	28-Jan-21	31-Oct-20	28-Jan-21	19-Oct-20	16-Mar-22	412	
EP_SP_66_12-WP5A-M35.08.1.1.1 Seawall and Berth at DCM Area		762	398	96.06%		30		29-Oct-19 A	29-Nov-20	31-Oct-20	29-Nov-20	19-Oct-20	08-Jan-21	40	
EP_SP_66_12-WP5A-M35.08.1.1.1.5 Seawall Structural Works		762	398	96.06%		30		29-Oct-19 A	29-Nov-20	31-Oct-20	29-Nov-20	19-Oct-20	08-Jan-21	40	
08-1100	Rubble Mound Laying (100,000m3 approx, @550m3/d)	182	138	93.41%	93.41%	12		27-Jun-20 A	11-Nov-20	31-Oct-20	11-Nov-20	19-Oct-20	30-Oct-20	-12	
08-1105(6) (M22)	Prefabrication for Caisson (No.35 to No.43) Including Marine Access	337	307	91.1%	91.1%	30		28-Jan-20 A	29-Nov-20	31-Oct-20	29-Nov-20	10-Dec-20	08-Jan-21	40	
08-1115(3)	Caisson infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	250	376	97%	97%	8		29-Oct-19 A	07-Nov-20	31-Oct-20	07-Nov-20	12-Dec-20	19-Dec-20	43	
EP_SP_66_12-WP5A-M35.08.1.1.2 Seawall at Dredging Area		90	90	0%		90		31-Oct-20	28-Jan-21	31-Oct-20	28-Jan-21	17-Dec-21	16-Mar-22	412	
08-1170	Insitu Concrete Wall Construction	90	90	0%	0%	90	Start On or After	31-Oct-20*	28-Jan-21	31-Oct-20	28-Jan-21	17-Dec-21	16-Mar-22	412	
EP_SP_66_12-WP5A-M35.08.1.2 Phase II - Reclamation, Breakwater and Berth Construction		810	1130	39.4%		491		31-Jan-19 A	05-Mar-22	31-Oct-20	05-Mar-22	01-Oct-20	16-Mar-22	11	
EP_SP_66_12-WP5A-M35.08.1.2.1 Reclamation		307	311	8.79%		280		30-Sep-20 A	06-Aug-21	31-Oct-20	06-Aug-21	01-Oct-20	07-Jul-21	-30	
08-1200	Reclamation fill from -9.0mPD to +2.5mPD (1,350,025m3 @ 4000m3/d)	307	311	8.79%	8.79%	280		30-Sep-20 A	06-Aug-21	31-Oct-20	06-Aug-21	01-Oct-20	07-Jul-21	-30	
EP_SP_66_12-WP5A-M35.08.1.2.1.1 Instrumentation		30	30	0%		30		31-Oct-20	29-Nov-20	31-Oct-20	29-Nov-20	25-Mar-21	23-Apr-21	145	
08-1330 (M23)	Placing Settlement Plates for Settlement Markers on Top of Sand Blanket (~18nrs)	30	30	0%	0%	30		31-Oct-20	29-Nov-20	31-Oct-20	29-Nov-20	25-Mar-21	23-Apr-21	145	
EP_SP_66_12-WP5A-M35.08.1.2.2 Breakwater		618	929	53.09%		290		31-Jan-19 A	16-Aug-21	31-Oct-20	16-Aug-21	11-Dec-20	14-Feb-22	182	
08-1250	Geotextile and Sand Blanket Laying	45	641	95%	95%	2		31-Jan-19 A	02-Nov-20	31-Oct-20	02-Nov-20	21-Apr-21	23-Apr-21	173	
08-1280	Rubble Mound Laying (100,000m3 approx, @550m3/d)	188	59	98%	98%	4		06-Sep-20 A	03-Nov-20	31-Oct-20	03-Nov-20	05-May-21	08-May-21	186	
08-1285(1)	Prefabrication for Caission	180	292	12%	12%	158		19-Jun-20 A	07-Apr-21	31-Oct-20	07-Apr-21	11-Dec-20	18-May-21	42	
08-1290	Caisson Laying (Total 29nrs, @2 nrs/week)	150	150	0%	0%	150		30-Nov-20	28-Apr-21	30-Nov-20	28-Apr-21	09-Jan-21	07-Jun-21	40	
08-1295(3)	Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	200	200	0%	0%	200		29-Jan-21	16-Aug-21	29-Jan-21	16-Aug-21	30-Jul-21	14-Feb-22	182	
EP_SP_66_12-WP5A-M35.08.1.2.3 Seawall and Berth at Marine Access		311	311	0%		311		29-Apr-21	05-Mar-22	29-Apr-21	05-Mar-22	08-Jun-21	16-Mar-22	11	
08-1320(2)	Caisson Laying for Marine Access (9nrs)	30	30	0%	0%	30		29-Apr-21	28-May-21	29-Apr-21	28-May-21	08-Jun-21	07-Jul-21	40	
08-1320(5A)	Caisson Infill, Solid ballast, toe protection, precast concrete blocks ..etc Laying	30	30	0%	0%	30		29-May-21	27-Jun-21	29-May-21	27-Jun-21	16-Jan-22	14-Feb-22	232	
08-1330(2)	Wave Wall Construction	30	30	0%	0%	30		04-Feb-22	05-Mar-22	04-Feb-22	05-Mar-22	15-Feb-22	16-Mar-22	11	



3-Month Rolling Programme (October 2020)

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone

Activity ID	Activity Name	Planned Duration	At Completion Duration	Duration % Complete	Activity % Complete	Remaining Duration	Primary Constraint	Actual Start	Actual Finish	Current Start	Current Finish	Late Start	Late Finish	Total Float	M35 Remarks
EP_SP_66_12-WP5A-M35.15 Works By CLP		658	658	0%		658		17-Nov-22	05-Sep-24	17-Nov-22	05-Sep-24	13-Mar-23	08-Aug-24	-28	
EP_SP_66_12-WP5A-M35.15.1 Installation of Transmission System		146	146	0%		146		17-Nov-22	13-Apr-23	17-Nov-22	13-Apr-23	13-Mar-23	11-Mar-24	334	
15-0800	450 days Prior to Commencement of System Commissioning Test	0	0	0%	0%	0	As Late As Possible	13-Apr-23		13-Apr-23		14-Mar-23		-30	
15-0900	Completion of Civil Provision for Transmission	0	0	0%	0%	0			17-Nov-22		17-Nov-22		13-Mar-23	116	
15-1000	Construction of Transmission System	90	90	0%	0%	90	Start On or After	18-Nov-22*	15-Feb-23	18-Nov-22	15-Feb-23	13-Nov-23	10-Feb-24	360	
15-1002	Cable Testing	30	30	0%	0%	30		16-Feb-23	17-Mar-23	16-Feb-23	17-Mar-23	11-Feb-24	11-Mar-24	360	
EP_SP_66_12-WP5A-M35.15.2 Remaining Installation Works by CLP		150	150	0%		150		01-Oct-23	27-Feb-24	01-Oct-23	27-Feb-24	12-Jan-24	09-Jun-24	103	
15-1005	Plant Installation inside CLP Equipment Room	60	60	0%	0%	60	Start On or After	01-Oct-23*	29-Nov-23	01-Oct-23	29-Nov-23	12-Jan-24	11-Mar-24	103	
15-1010	Cable Termination Works	30	30	0%	0%	30	Start On or After	30-Nov-23*	29-Dec-23	30-Nov-23	29-Dec-23	12-Mar-24	10-Apr-24	103	
15-1015	Testing and Commissioning	60	60	0%	0%	60		30-Dec-23	27-Feb-24	30-Dec-23	27-Feb-24	11-Apr-24	09-Jun-24	103	
EP_SP_66_12-WP5A-M35.15.3 Metering & Energization		60	60	0%		60		08-Jul-24	05-Sep-24	08-Jul-24	05-Sep-24	10-Jun-24	08-Aug-24	-28	
15-1020	Incoming Power System Final Inspection and Metering works	30	30	0%	0%	30		08-Jul-24	06-Aug-24	08-Jul-24	06-Aug-24	10-Jun-24	09-Jul-24	-28	
15-1030	Energization of Incoming Power Supply Main System	0	0	0%	0%	0			06-Aug-24		06-Aug-24		09-Jul-24	-28	
15-1040	Energization of Incoming Power Supply Sub System	0	0	0%	0%	0			06-Aug-24		06-Aug-24		09-Jul-24	-28	
15-1050	Export Power System Final Inspection and Metering works	30	30	0%	0%	30		07-Aug-24	05-Sep-24	07-Aug-24	05-Sep-24	10-Jul-24	08-Aug-24	-28	
15-1060	Connection to Grid	0	0	0%	0%	0			05-Sep-24		05-Sep-24		08-Aug-24	-28	

2020			2021
Oct	Nov	Dec	Jan
35	36	37	38

Remaining Work
Actual Work
Critical Remaining Work
Milestone
Actual Milestone
Critical Milestone