

Annex C

## Construction Programme of the Project

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017					
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb		
1	<b>Contract No. EP/SP/61/10 - The Design &amp; Construction</b>																				
2	<b>MAJOR MILESTONES</b>																				
3	<b>MC2 Milestones for Design of the Works</b>																				
4	MC2.1 The Employer's consent granted on Detailed Design Submission																				
5	MC210600	MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation works	0d	20-Oct-15	23-Feb-16	56d	23-Dec-16	17-Feb-17	0%	-25d	-360d										
6	MC210700	MC2.1.7 - Employer's consent granted in respect of building services & electrical works	0d	20-Oct-15	23-Feb-16	56d	23-Dec-16	17-Feb-17	0%	-25d	-360d										
7	MC210800	MC2.1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & geotechnical works	0d	20-Oct-15	23-Feb-16	56d	23-Dec-16	17-Feb-17	0%	-25d	-360d										
8	MC2.2 Completion of the Design of the Works																				
9	MC220100	MC2.2 - Completion of the Design of the Works	0d	23-Feb-16	23-Feb-16	0d	17-Feb-17	17-Feb-17	0%	-25d	-360d										
10	<b>MC3 Milestones for Construction of the Works</b>																				
11	MC3.2 Delivery of Materials and Equipment to the Site																				
12	MC320100	MC3.2.1 - Completion of Delivery of Pre-treatment System	0d	26-Jan-16	25-May-16	5d	17-Oct-16 A	17-Feb-17	0%	215d	-183d										
13	MC320200	MC3.2.2 - Completion of Delivery of Anaerobic Digesters	0d	26-Jan-16	25-May-16	5d	17-Oct-16 A	17-Feb-17	100%	215d	-183d										
14	MC320400	MC3.2.4 - Completion of Delivery of Composting Tunnels	0d	26-Jan-16	25-May-16	5d	17-Oct-16 A	17-Feb-17	100%	215d	-183d										
15	MC320500	MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System	0d	26-Jan-16	25-May-16	5d	17-Oct-16 A	17-Feb-17	0%	-3d	-262d										
16	MC3.5 Testing and Commissioning																				
17	MC350100	MC3.5.1 - Employer's consent granted on all FAT,SAT, System Comm, Test, Process Start Up & Process Comm.& Plant Comm.T,Plan	0d	23-Dec-16	23-Dec-16	0d	23-Dec-16	23-Dec-16	0%	136d	0d										
18	<b>PRELIMINARY AND GENERAL REQUIREMENT WORKS</b>																				
19	<b>Training of Operation &amp; Maintenance Staff</b>																				
20	TN100150	IC checks & certifies training syllabus & materials	14d	26-May-16	25-Nov-16	142d	28-Sep-16 A	16-May-17	0%	62d	-177d										
21	TN100200	Employer agrees to training syllabus and materials	0d	26-May-16	25-Nov-16	142d	28-Sep-16 A	16-May-17	0%	62d	-177d										
22	TN100300	O&M Training of Employer's staff	64d	26-May-16	25-Nov-16	142d	28-Sep-16 A	16-May-17	0%	12d	-112d										
23	<b>Preparation of Testing / Operation Plan</b>																				
24	Factory Acceptance Test Plan																				
25	TP100100	Submission of Factory Acceptance Test Plan	20d	09-Sep-15	19-Nov-15	38d	01-Dec-15 A	04-Jan-17	55%	272d	-280d										
26	TP100110	IC checks & comments on Factory Acceptance Test Plan	14d	09-Sep-15	19-Nov-15	38d	01-Dec-15 A	04-Jan-17	35%	389d	-412d										
27	TP100120	Revise & resubmit Factory Acceptance Test Plan	7d	09-Sep-15	19-Nov-15	38d	01-Dec-15 A	04-Jan-17	0%	382d	-412d										
28	TP100130	IC checks & certifies Factory Acceptance Test Plan	7d	09-Sep-15	19-Nov-15	38d	01-Dec-15 A	04-Jan-17	0%	-20d	-412d										
29	TP100140	Employer Consents to Factory Acceptance Test Plan	0d	09-Sep-15	19-Nov-15	38d	01-Dec-15 A	04-Jan-17	0%	-20d	-412d										
30	Site Acceptance Test Plan																				
31	TP100210	IC checks & comments on Site Acceptance Test Plan	14d	29-Jan-16	10-Mar-16	36d	30-Sep-16 A	23-Dec-16	100%	-51d	-288d										
32	TP100220	Revise & resubmit Site Acceptance Test Plan	7d	29-Jan-16	10-Mar-16	36d	30-Sep-16 A	23-Dec-16	0%	-51d	-288d										
33	TP100230	IC checks & certifies Site Acceptance Test Plan	7d	29-Jan-16	10-Mar-16	36d	30-Sep-16 A	23-Dec-16	0%	-51d	-288d										
34	TP100240	Employer Consents to Site Acceptance Test Plan	0d	29-Jan-16	10-Mar-16	36d	30-Sep-16 A	23-Dec-16	0%	-51d	-288d										
35	Detail CV																				
36	OP100100	Submission of Detail CV before Process Start up and commissioning	1d	20-Jun-16	01-Aug-16	34d	15-Dec-16	26-Jan-17	0%	9d	-125d										
37	OP100110	IC checks & comments on Detail CV	14d	20-Jun-16	01-Aug-16	34d	15-Dec-16	26-Jan-17	0%	17d	-178d										
38	OP100120	Revise & resubmit Detail CV	7d	20-Jun-16	01-Aug-16	34d	15-Dec-16	26-Jan-17	0%	17d	-178d										
39	OP100130	IC checks & certifies Detail CV	7d	20-Jun-16	01-Aug-16	34d	15-Dec-16	26-Jan-17	0%	17d	-178d										
40	OP100140	Employer Consents to Detail CV before Process Start up and commissioning	0d	20-Jun-16	01-Aug-16	34d	15-Dec-16	26-Jan-17	0%	17d	-178d										
41	All System Commissioning Plan																				
42	OP100160	IC checks & comments on All System Commissioning Plan	14d	21-Jun-16	01-Aug-16	36d	30-Sep-16 A	11-Nov-16 A	100%	-130d	-144d										
43	OP100170	Revise & resubmit All System Commissioning Plan	7d	21-Jun-16	01-Aug-16	36d	30-Sep-16 A	11-Nov-16 A	0%	130d	-144d										
44	OP100180	IC checks & certifies All System Commissioning Plan	7d	21-Jun-16	01-Aug-16	36d	30-Sep-16 A	11-Nov-16 A	0%	130d	-144d										
45	OP100190	Employer Consents to All System Commissioning Plan	0d	21-Jun-16	01-Aug-16	36d	30-Sep-16 A	11-Nov-16 A	0%	130d	-144d										
46	Process Start Up Plan																				
47	OP100210	IC checks & comments on Process Start up Plan	14d	06-Aug-16	16-Sep-16	36d	30-Sep-16 A	11-Nov-16 A	100%	-84d	-98d										

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Jan	Feb	Mar	Apr	
59	OP100220	Revise & resubmit Process Start up Plan	7d	20-Aug-16	26-Aug-16	15d	12-Nov-16 A	02-Dec-16	0%	30d	-98d									
60	OP100230	IC checks & certifies Process Start up Plan	7d	27-Aug-16	02-Sep-16	7d	03-Dec-16	09-Dec-16	0%	30d	-98d									
61	OP100240	Employer Consents to Process Start up Plan	0d		16-Sep-16	0d		23-Dec-16	0%	30d	-98d									
62	Process Commissioning Plan		42d	08-Oct-16	18-Nov-16	36d	30-Sep-16 A	23-Dec-16		136d	-35d									
63	Process Commissioning Plan		42d	08-Oct-16	18-Nov-16	36d	30-Sep-16 A	23-Dec-16		136d	-35d									
64	OP100260	IC checks & comments on Process Commissioning Plan	14d	08-Oct-16	21-Oct-16	0d	30-Sep-16 A	11-Nov-16 A	100%		-21d									
65	OP100270	Revise & resubmit Process Commissioning Plan	7d	22-Oct-16	28-Oct-16	15d	12-Nov-16 A	02-Dec-16	0%	136d	-35d									
66	OP100280	IC checks & certifies Process Commissioning Plan	7d	29-Oct-16	04-Nov-16	7d	03-Dec-16	09-Dec-16	0%	136d	-35d									
67	OP100290	Employer Consents to Process Commissioning Plan	0d		18-Nov-16	0d		23-Dec-16	0%	136d	-35d									
68	Operation Plan		36d	21-Jun-16	02-Aug-16	34d	06-Dec-16	17-Jan-17		162d	-138d									
69	Operation Plan		36d	21-Jun-16	02-Aug-16	34d	06-Dec-16	17-Jan-17		162d	-138d									
70	OP100300	Submission of Operation Plan	1d	21-Jun-16	21-Jun-16	1d	06-Dec-16*	06-Dec-16	0%	133d	-117d									
71	OP100310	IC checks & comments on Operation Plan	14d	22-Jun-16	05-Jul-16	14d	07-Dec-16	20-Dec-16	0%	202d	-168d									
72	OP100320	Revise & resubmit Operation Plan	7d	06-Jul-16	12-Jul-16	7d	21-Dec-16	27-Dec-16	0%	202d	-168d									
73	OP100330	IC checks & certifies Operation Plan	7d	13-Jul-16	19-Jul-16	7d	28-Dec-16	03-Jan-17	0%	202d	-168d									
74	OP100340	Employer Consents to Operation Plan	0d		02-Aug-16	0d		17-Jan-17	0%	202d	-168d									
75	Plant Commissioning Plan		42d	12-Nov-16	23-Dec-16	36d	30-Sep-16 A	23-Dec-16		136d	0d									
76	Plant Commissioning Plan		42d	12-Nov-16	23-Dec-16	36d	30-Sep-16 A	23-Dec-16		136d	0d									
77	OP100360	IC checks & comments on Plant Commissioning Plan	14d	12-Nov-16	25-Nov-16	0d	30-Sep-16 A	11-Nov-16 A	100%		14d									
78	OP100370	Revise & resubmit Plant Commissioning Plan	7d	26-Nov-16	02-Dec-16	15d	12-Nov-16 A	02-Dec-16	0%	136d	0d									
79	OP100380	IC checks & certifies Plant Commissioning Plan	7d	03-Dec-16	09-Dec-16	7d	03-Dec-16	09-Dec-16	0%	136d	0d									
80	OP100390	Employer Consents to Plant Commissioning Plan	0d		23-Dec-16	0d		23-Dec-16	0%	136d	0d									
81	<b>COMMENCEMENT, SITE POSSESSION AND ACCESS</b>		0d	07-Oct-16	07-Oct-16	146d	21-Mar-16 A	20-May-17		185d	-180d									
82	COMMENCEMENT, SITE POSSESSION AND ACCESS		0d	07-Oct-16	07-Oct-16	146d	21-Mar-16 A	20-May-17		185d	-180d									
83	COMMENCEMENT, SITE POSSESSION AND ACCESS		0d	07-Oct-16	07-Oct-16	146d	21-Mar-16 A	20-May-17		185d	-180d									
84	COMMENCEMENT, SITE POSSESSION AND ACCESS		0d	07-Oct-16	07-Oct-16	146d	21-Mar-16 A	20-May-17		185d	-180d									
85	KD100330	End Date of Access to Portion 2	0d		07-Oct-16	0d		13-Jan-17	0%	146d	-80d									
86	KD100370	Possession of Portion 4 - Ex-Ka Wah Batching Plant Area)	0d			184d	21-Mar-16 A	20-May-17	49.59%	225d										
87	<b>SITE ESTABLISHMENT WORKS</b>		24d	20-Jul-15	15-Aug-15	0d	27-Jun-15 A	19-Oct-16 A			-349d									
88	SITE ESTABLISHMENT WORKS		24d	20-Jul-15	15-Aug-15	0d	27-Jun-15 A	19-Oct-16 A			-349d									
89	SITE ESTABLISHMENT WORKS		24d	20-Jul-15	15-Aug-15	0d	27-Jun-15 A	19-Oct-16 A			-349d									
90	SITE ESTABLISHMENT WORKS		24d	20-Jul-15	15-Aug-15	0d	27-Jun-15 A	19-Oct-16 A			-349d									
91	SE100320	Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Natural Terrain - thru' ER)	24d	20-Jul-15	15-Aug-15	0d	27-Jun-15 A	19-Oct-16 A	100%		-349d									
92	<b>DETAILED DESIGN SUBMISSION (DDS) - GENERAL, CIVIL, ABWF AND LAND</b>		222d	28-May-15	23-Feb-16	72d	28-Mar-15 A	16-Feb-17		259d	-291d									
93	Overall Design		203d	18-Jun-15	23-Feb-16	52d	28-Mar-15 A	20-Jan-17		279d	-271d									
94	General Building Plans Design		34d	18-Jun-15	30-Jul-15	33d	09-Dec-16	20-Jan-17		279d	-440d									
95	General Building Plans Design		34d	18-Jun-15	30-Jul-15	33d	09-Dec-16	20-Jan-17		279d	-440d									
96	DD101040	Submit General Building Plans to IC, ER & Employer	0d		18-Jun-15	0d		09-Dec-16*	0%	-5d	-369d									
97	DD101060	IC checks & comments on General Building Plans	14d	19-Jun-15	02-Jul-15	14d	10-Dec-16	23-Dec-16	0%	-6d	-540d									
98	DD101080	Revise & resubmit General Building Plans to IC, ER & Employer	7d	03-Jul-15	09-Jul-15	7d	24-Dec-16	30-Dec-16	0%	-6d	-540d									
99	DD101100	IC checks & certifies General Building Plans	7d	10-Jul-15	16-Jul-15	7d	31-Dec-16	06-Jan-17	0%	-6d	-540d									
100	DD101120	Employer consents to General Building Plans	0d		30-Jul-15	0d		20-Jan-17	0%	345d	-540d									
101	Fire Safety Strategy Report		28d	15-Jul-15	11-Aug-15	64d	28-Mar-15 A	20-Jan-17		345d	-528d									
102	Fire Safety Strategy Report		28d	15-Jul-15	11-Aug-15	64d	28-Mar-15 A	20-Jan-17		345d	-528d									
103	DD102220	Revise & resubmit Detailed Design of Fire Safety Strategy Report to IC, ER & Employer	7d	15-Jul-15	21-Jul-15	22d	28-Mar-15 A	09-Dec-16	60%	-5d	-507d									
104	DD102240	IC checks & certifies Detailed Design of Fire Safety Strategy Report	7d	22-Jul-15	28-Jul-15	7d	10-Dec-16	16-Dec-16	0%	-5d	-507d									
105	DD102260	Employer consents to Detailed Design of Fire Safety Strategy Report	0d		11-Aug-15	0d		20-Jan-17	0%	345d	-528d									
106	Geotechnical Design including Natural Terrain Hazard Mitigation works		64d	04-Dec-15	23-Feb-16	43d	23-Nov-16	16-Jan-17		7d	-267d									
107	Natural Terrain Hazard Mitigation		64d	04-Dec-15	23-Feb-16	43d	23-Nov-16	16-Jan-17		7d	-267d									
108	DD101330	Prepare & submit NTH Mitigation Method of Construction	20d	04-Dec-15	04-Jan-16	20d	24-Nov-16	21-Dec-16	0%	11d	-241d									
109	DD101335	IC checks & certifies Method of Construction of NTH Mitigation Design	14d	05-Jan-16	18-Jan-16	14d	22-Dec-16	04-Jan-17	0%	20d	-352d									
110	DD101340	GEO - Approval of NTH Mitigation Design	0d		04-Jan-16	0d		23-Nov-16*	0%	-25d	-221d									
111	DD101360	Submit NTH Mitigation Design to IC, ER & Employer	0d		05-Jan-16	0d		28-Nov-16*	0%	-27d	-223d									
112	DD101380	IC checks & comments on NTH Mitigation Design	14d	06-Jan-16	19-Jan-16	14d	29-Nov-16	12-Dec-16	0%	8d	-328d									
113	DD101400	Revise & resubmit NTH Mitigation Design to IC, Employer & ER	7d	20-Jan-16	26-Jan-16	7d	13-Dec-16	19-Dec-16	0%	8d	-328d									
114	DD101420	IC checks & certifies NTH Mitigation Design	14d	27-Jan-16	09-Feb-16	14d	20-Dec-16	02-Jan-17	0%	8d	-328d									
115	DD101440	Employer consents to NTH Mitigation Design	0d		23-Feb-16	0d		16-Jan-17	0%	8d	-328d									
116	<b>Waste Receiving, Pre-treatment &amp; Administration Building #1</b>		66d	10-Aug-15	28-Oct-15	39d	18-Nov-16	05-Jan-17		6d	-353d									
117	Steelwork Design		66d	10-Aug-15	28-Oct-15	39d	18-Nov-16	05-Jan-17		6d	-353d									

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	
118		Building #1 Roof Steel Structure	41d	10-Aug-15	25-Sep-15	39d	18-Nov-16	05-Jan-17		-34d	-378d									
119	DD111210	Prepare & submit Method of Construction for Bldg #1 Roof - Structural Steelwork	25d	10-Aug-15	11-Sep-15	25d	18-Nov-16	22-Dec-16	0%	-31d	-318d									
120	DD111215	IC checks & certifies Method of Construction of Bldg #1 Roof - Structural Steelwork	14d	12-Sep-15	25-Sep-15	14d	23-Dec-16	05-Jan-17	0%	-43d	-468d									
121		CAPC Stack	36d	14-Sep-15	28-Oct-15	35d	18-Nov-16	30-Dec-16		10d	-349d									
122	DD311310	Prepare & submit Method of Construction for CAPC Stack - Steel Support	21d	14-Sep-15	14-Oct-15	21d	18-Nov-16	16-Dec-16	0%	7d	-293d									
123	DD311315	IC checks & certifies Method of Construction of CAPC Stack - Steel Support	14d	15-Oct-15	28-Oct-15	14d	17-Dec-16	30-Dec-16	0%	13d	-429d									
124		Composting & Maturation Building #2	36d	20-Aug-15	02-Oct-15	36d	18-Nov-16	02-Jan-17		295d	-371d									
125		Steelwork Design	36d	20-Aug-15	02-Oct-15	36d	18-Nov-16	02-Jan-17		295d	-371d									
126		Link Bridge Steelwork	36d	20-Aug-15	02-Oct-15	36d	18-Nov-16	02-Jan-17		295d	-371d									
127	DD211210	Prepare & submit Method of Construction for Bldg #2 Link Bridge Steelwork	22d	20-Aug-15	18-Sep-15	22d	18-Nov-16	19-Dec-16	0%	246d	-310d									
128	DD211215	IC checks & certifies Method of Construction of Link Bridge Steelwork Design of Bldg #2	14d	19-Sep-15	02-Oct-15	14d	20-Dec-16	02-Jan-17	0%	363d	-458d									
129		Auxiliary Buildings & Facilities #3	0d			35d	18-Nov-16	30-Dec-16		5d										
130		Substructure Design	0d			34d	18-Nov-16	29-Dec-16		-34d										
131		Weighbridge	0d			34d	18-Nov-16	29-Dec-16		-34d										
132	DD311400	Prepare & submit Method of Construction for Substructure of Weighbridge	0d			20d	18-Nov-16	15-Dec-16	0%	-30d										
133	DD311402	IC checks & certifies Method of Construction for Substructure of Weighbridge	0d			14d	16-Dec-16	29-Dec-16	0%	-42d										
134		Superstructure Design	0d			35d	18-Nov-16	30-Dec-16		5d										
135		Weighbridge	0d			35d	18-Nov-16	30-Dec-16		5d										
136	DD311700	Prepare & submit Method of Construction for Superstructure of Weighbridge	0d			21d	18-Nov-16	16-Dec-16	0%	5d										
137	DD311710	IC checks & certifies Method of Construction of Superstructure Design of Weighbridge	0d			14d	17-Dec-16	30-Dec-16	0%	7d										
138		Gate House	0d			35d	18-Nov-16	30-Dec-16		-25d										
139	DD311900	Prepare & submit Method of Construction for Superstructure of Gate House	0d			21d	18-Nov-16	16-Dec-16	0%	-23d										
140	DD311910	IC checks & certifies Method of Construction of Superstructure Design of Gate House	0d			14d	17-Dec-16	30-Dec-16	0%	-31d										
141		External Civil Engineering Works	159d	28-May-15	04-Dec-15	63d	14-Sep-15 A	06-Feb-17		268d	-345d									
142		Section 3- Street Fire Hydrant and Section 4- Water Supply	35d	28-May-15	09-Jul-15	35d	18-Nov-16	30-Dec-16		-30d	-441d									
143			35d	28-May-15	09-Jul-15	35d	18-Nov-16	30-Dec-16		-30d	-441d									
144	DD411130	Prepare & submit Method of Construction for External Works (Section 3 & 4)	21d	28-May-15	25-Jun-15	21d	18-Nov-16	16-Dec-16	0%	-27d	-369d									
145	DD411135	IC checks & certifies Method of Construction of External Works (Section 3 & 4)	14d	26-Jun-15	09-Jul-15	14d	17-Dec-16	30-Dec-16	0%	-37d	-540d									
146		Section 5- Road, Paving, Road Marking	0d			39d	18-Nov-16	05-Jan-17		-49d										
147			0d			39d	18-Nov-16	05-Jan-17		-49d										
148	DD411480	Prepare & submit Method of Construction for External Works (Section 5)	0d			25d	18-Nov-16	22-Dec-16	0%	-44d										
149	DD411500	IC checks & certifies Method of Construction of External Works (Section 5)	0d			14d	23-Dec-16	05-Jan-17	0%	-60d										
150		Section 6- Ext. Lighting (Area 3 - Electrical)	109d	28-Jul-15	04-Dec-15	63d	14-Sep-15 A	06-Feb-17		268d	-345d									
151			109d	28-Jul-15	04-Dec-15	63d	14-Sep-15 A	06-Feb-17		268d	-345d									
152	DD411240	Prepare & submit Detailed Civil Design of external works (Section 6) to Hyd & TD	43d	28-Jul-15	24-Sep-15	26d	14-Sep-15 A	23-Dec-16	39.53%	224d	-310d									
153	DD411250	Prepare & submit Method of Construction for External Works (Section 6)	25d	16-Sep-15	23-Oct-15	25d	15-Dec-16	23-Jan-17	0%	224d	-310d									
154	DD411255	IC checks & certifies Method of Construction of External Works (Section 6)	14d	24-Oct-15	06-Nov-15	14d	24-Jan-17	06-Feb-17	0%	328d	-458d									
155	DD411320	IC checks & certifies Detailed Civil Design of External Works (Section 6)	7d	14-Nov-15	20-Nov-15	22d	09-Sep-16 A	09-Dec-16	0%	-60d	-385d									
156	DD411340	Employer consents to Detailed Civil Design of External Works (Section 6)	0d		04-Dec-15	0d		23-Dec-16	0%	-60d	-385d									
157		Architectural, Building Works & Finishes (ABWF)	51d	28-Jul-15	24-Sep-15	39d	18-Feb-16 A	05-Jan-17		291d	-379d									
158		Building #1 (Waste Receiving, Pre-treatment & Admin. Building)	42d	28-Jul-15	14-Sep-15	39d	18-Nov-16	05-Jan-17		-48d	-388d									
159			42d	28-Jul-15	14-Sep-15	39d	18-Nov-16	05-Jan-17		-48d	-388d									
160	DD120110	Prepare & submit Method of Construction for Bldg.#1 ABWF	25d	28-Jul-15	31-Aug-15	25d	18-Nov-16	22-Dec-16	0%	-43d	-327d									
161	DD120115	IC checks & certifies Method of Construction of Bldg.#1 ABWF	14d	01-Sep-15	14-Sep-15	14d	23-Dec-16	05-Jan-17	0%	-59d	-479d									
162		Building #2 (Composting & Maturation Building)	42d	28-Jul-15	14-Sep-15	0d	18-Feb-16 A	02-Nov-16 A		-336d										
163			42d	28-Jul-15	14-Sep-15	0d	18-Feb-16 A	02-Nov-16 A		-336d										
164	DD121110	Prepare & submit Method of Construction for Bldg.#2 ABWF	25d	28-Jul-15	31-Aug-15	0d	18-Feb-16 A	17-Oct-16 A	100%		-279d									
165	DD121115	IC checks & certifies Method of Construction of Bldg.#2 ABWF	14d	01-Sep-15	14-Sep-15	0d	06-May-16 A	02-Nov-16 A	100%		-415d									
166		Building #3 (Auxiliary Buildings & Facilities)	42d	07-Aug-15	24-Sep-15	30d	15-Aug-16 A	22-Dec-16		300d	-370d									
167			42d	07-Aug-15	24-Sep-15	30d	15-Aug-16 A	22-Dec-16		300d	-370d									
168	DD122110	Prepare & submit Method of Construction for Bldg.#3 ABWF	25d	07-Aug-15	10-Sep-15	15d	15-Aug-16 A	08-Dec-16	40%	261d	-309d									
169	DD122115	IC checks & certifies Method of Construction of Bldg.#3 ABWF	14d	11-Sep-15	24-Sep-15	35d	15-Sep-16 A	22-Dec-16	10.26%	8d	-455d									
170		Interior Fitting-out Works	42d	15-Sep-15	05-Nov-15	39d	18-Nov-16	05-Jan-17		43d	-346d									
171			42d	15-Sep-15	05-Nov-15	39d	18-Nov-16	05-Jan-17		43d	-346d									
172			42d	15-Sep-15	05-Nov-15	39d	18-Nov-16	05-Jan-17		43d	-346d									
173	DD120210	Prepare & submit Method of Construction for Interior Fitting-out	25d	15-Sep-15	22-Oct-15	25d	18-Nov-16	22-Dec-16	0%	33d	-292d									
174	DD120215	IC checks & certifies Method of Construction of Interior Fitting-out	14d	23-Oct-15	05-Nov-15	14d	23-Dec-16	05-Jan-17	0%	54d	-427d									
175		External Landscape Works and Building #2 Green Roof	71d	06-Aug-15	30-Oct-15	72d	18-Nov-16	16-Feb-17		-35d	-384d									
176			71d	06-Aug-15	30-Oct-15	72d	18-Nov-16	16-Feb-17		-35d	-384d									
177			71d	06-Aug-15	30-Oct-15	72d	18-Nov-16	16-Feb-17		-35d	-384d									



#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017							
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
234	<b>Auxiliary Building &amp; Facilities #3</b>																						
235	<b>BS - MVAC</b>																						
236																							
237	DS140350	IC checks & certifies Bldg #3 & Aux. Facilities BS MVAC System	21d	15-Oct-15	04-Nov-15	20d	12-Jul-16 A	07-Dec-16	10%	23d	-399d												
238	DS140400	Employer consents to Bldg #3 & Aux. Facilities BS MVAC System	0d		04-Nov-15	0d		07-Dec-16	0%	23d	-399d												
239	<b>STATUTORY AND UTILITIES DESIGN SUBMISSION</b>																						
240																							
241																							
242																							
243	SU110270	GEO - Approval of NTH Mitigation Design	142d	16-Aug-15	04-Jan-16	59d	30-Nov-15 A	15-Jan-17	78.57%	46d	-377d												
244	SU110355	CLP - Approval of "Engineering Design Report for PMU Protection Scheme"	0d			5d	26-Jul-16 A	22-Nov-16	86.49%	-8d													
245	SU110360	CLP - Approval of Submission Package on Grid Arrangement	28d	19-Sep-15	16-Oct-15	59d	30-Nov-15 A	15-Jan-17	75%	-50d	-457d												
246	SU110460	WSD - Approval for Street Fire Hydrant Water Supply	0d			28d	01-Dec-16*	28-Dec-16	0%	-41d													
247	SU110470	WSD - Approval for Process Water Supply	0d			28d	01-Dec-16*	28-Dec-16	0%	-48d													
248	SU110660	LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Natural Terrain - if any)	70d	16-Aug-15	24-Oct-15	15d	20-Oct-16 A	02-Dec-16	78.57%	90d	-405d												
249	<b>CONSTRUCTION DRAWINGS AND PRODUCTION SCHEDULES</b>																						
250	<b>Bill of Materials and Isometric Production Schedule</b>																						
251	<b>General</b>																						
252																							
253	BM100170	DE Support and Drawing Checking	0d			28d	16-Nov-15 A	20-Dec-16	91%	-10d													
254	<b>3D Model Build</b>																						
255																							
256	BM200140	3D Model Build - Wastewater Treatment Plant (WWTP)	0d			13d	01-Sep-16 A	02-Dec-16	77.19%	318d													
257	<b>Assembly Drawing</b>																						
258																							
259	BM300115	Updated Assembly Drawing - Building 1 Area	0d			7d	14-May-16 A	25-Nov-16	63%	324d													
260	BM300135	Updated Assembly Drawing - Building 3 Area	0d			0d	14-May-16 A	21-Oct-16 A	100%														
261	BM300140	Assembly Drawing - Drawing Update (After Comments by IC & ER)	0d			18d	18-Apr-16 A	08-Dec-16	76%	-25d													
262	<b>Isometric Drawing and BOQ</b>																						
263																							
264	BM400115	Updated Isometric Drawing and BOQ - Building 1 Area	0d			7d	14-May-16 A	25-Nov-16	68%	8d													
265	BM400135	Updated Isometric Drawing and BOQ - Building 3 Area	0d			0d	28-May-16 A	21-Oct-16 A	100%														
266	BM400140	Isometric Drawing Drawing Update (After Comments by IC & ER)	0d			18d	25-Apr-16 A	08-Dec-16	68%	-25d													
267	BM400150	Isometric Drawing and BOQ - Wastewater Treatment Plant (WWTP)	0d			13d	01-Sep-16 A	02-Dec-16	69.05%	13d													
268	<b>PROCUREMENT, MANUFACTURING, F.A.T., SHIPMENT AND DELIVERY OF E</b>																						
269	<b>Waste Receiving, Storage and Feeding System</b>																						
270	<b>General</b>																						
271																							
272	PR110110	Issue orders & receive shop drawings from Waste Receiving, Storage and Feeding System suppliers	215d	09-Mar-15	18-Jan-16	50d	20-Mar-15 A	02-Feb-17	95%	268d	-410d												
273	PR200100	Weighbridge Platform	103d	09-Jul-15	03-Dec-15	21d	04-Dec-15 A	16-Dec-16	96%	20d	-258d												
274	PR200120	Weighbridge Computer System	61d	22-Oct-15	18-Jan-16	21d	04-Dec-15 A	16-Dec-16	96%	37d	-228d												
275	PR210105	Bin Handling Machine 1	0d			21d	31-May-16 A	16-Dec-16	92%	47d													
276	PR210108	Bin Handling Machine 2	0d			21d	08-Jul-16 A	16-Dec-16	86%	48d													
277	PR210110	High Jet Water Spray Gun System	0d			22d	29-Nov-16*	30-Dec-16	0%	12d													
278	PR210130	Vehicle Wash Plant 5th Bay	0d			45d	25-Nov-16*	02-Feb-17	0%	4d													
279	<b>Pre-Treatment System</b>																						
280	<b>General</b>																						
281																							
282	PR110100	Issue orders & receive shop drawings from Pre-treatment suppliers	205d	19-Mar-15	14-Jan-16	56d	30-Jun-15 A	10-Feb-17	97%	266d	-404d												
283	PR110202	Screw Conveyors	0d			11d	21-Mar-16 A	02-Dec-16	96%	8d													
284	PR110205	Metal Separator	0d			19d	16-Jul-16 A	14-Dec-16	90%	10d													
285	PR110240	Central Sump Pump	64d	09-Oct-15	11-Jan-16	0d	21-Mar-16 A	28-Oct-16 A	100%	-198d													
286	PR110260	Overhead Travelling Crane	123d	21-Jul-15	14-Jan-16	16d	16-Jul-16 A	09-Dec-16	89%	-10d	-225d												
287	PR110270	Monorail	0d			21d	16-Jul-16 A	16-Dec-16	88%	-10d													
288	PR110360	Bollfilter	0d			1d	05-Feb-16 A	18-Nov-16	100%	46d													
289	PR110380	Centrifugal Pumps	0d			3d	21-Mar-16 A	22-Nov-16	99%	45d													
290	PR110395	Int. Suspension Buffer Tank Jet Mixer	0d			3d	13-Feb-16 A	22-Nov-16	99%	44d													
291	PR110400	Vertical Mixer	0d			29d	29-Jul-16 A	30-Dec-16	66%	5d													
292	PR110420	Belt Conveyor	0d			19d	16-Jul-16 A	14-Dec-16	82%	7d													

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	
293	PR110440	Platform (Pre-treatment)	0d			28d	09-Dec-16*	20-Jan-17	0%	-10d										
294	PR110460	Control Panels (Pre-treatment)	0d			56d	08-Sep-16A	10-Feb-17	25%	-19d										
295	<b>Anaerobic Digestion (AD) Treatment System</b>		191d	20-Apr-15	21-Jan-16	41d	15-Apr-15 A	18-Jan-17		235d	-245d									
296	General		191d	20-Apr-15	21-Jan-16	41d	15-Apr-15 A	18-Jan-17		235d	-245d									
297	General		191d	20-Apr-15	21-Jan-16	41d	15-Apr-15 A	18-Jan-17		235d	-245d									
298	PR120100	Issue orders & receive shop drawings from AD suppliers	20d	20-Apr-15	18-May-15	1d	15-Apr-15 A	18-Nov-16	99%	275d	-376d									
299	PR120150	Safety Relief Valve	0d			19d	27-Jun-16 A	14-Dec-16	88%	14d										
300	PR120170	Hot Water Pumps	0d			9d	13-Jun-16 A	30-Nov-16	90%	28d										
301	PR120190	Overflow Tank	0d			41d	18-Nov-16*	18-Jan-17	0%	-14d										
302	PR120200	Intermediate Digestate Tanks	64d	22-Oct-15	21-Jan-16	27d	18-Nov-16*	28-Dec-16	0%	16d	-231d									
303	PR120220	Monorail (Suspension Buffer Pump Room)	0d			21d	11-Jul-16 A	16-Dec-16	80%	20d										
304	<b>Biogas Cleaning, Storage and Distribution System</b>		219d	08-Apr-15	23-Feb-16	29d	20-May-15 A	30-Dec-16		247d	-213d									
305	Biogas Cleaning and Storage System		219d	08-Apr-15	23-Feb-16	29d	20-May-15 A	30-Dec-16		247d	-213d									
306	Biogas Cleaning and Storage System		219d	08-Apr-15	23-Feb-16	29d	20-May-15 A	30-Dec-16		247d	-213d									
307	PR130100	Issue orders & receive shop drawings from Biogas suppliers	17d	08-Apr-15	30-Apr-15	8d	20-May-15 A	29-Nov-16	96%	268d	-394d									
308	PR130130	Condensate Pumps	0d			11d	13-Jul-16 A	02-Dec-16	92%	18d										
309	PR130135	Condensate Pots	0d			16d	28-Jun-16 A	09-Dec-16	88%	11d										
310	PR130140	Biogas Storage Tank Holder	64d	19-Nov-15	23-Feb-16	14d	16-Mar-16 A	07-Dec-16	92%	5d	-198d									
311	PR130150	Biogas Storage Tank Holder Steel Casing	0d			29d	16-Mar-16 A	30-Dec-16	88%	-9d										
312	<b>Combined Heat Recovery and Power (CHP) Generation System</b>		13d	15-Mar-15	30-Mar-15	44d	14-May-15 A	11-Jan-17		287d	-529d									
313	Combined Heat Recovery and Power (CHP) Generation System		13d	15-Mar-15	30-Mar-15	44d	14-May-15 A	11-Jan-17		287d	-529d									
314	Combined Heat Recovery and Power (CHP) Generation System		13d	15-Mar-15	30-Mar-15	44d	14-May-15 A	11-Jan-17		287d	-529d									
315	PR140100	Issue orders & receive shop drawings from CHP suppliers	16d	15-Mar-15	30-Mar-15	25d	14-May-15 A	12-Dec-16	97.2%	384d	-623d									
316	PR140170	CHP Stack (Insulation and Platform)	0d			31d	25-Nov-16*	11-Jan-17	0%	-3d										
317	<b>Digestate Dewatering System</b>		315d	12-Feb-15	25-May-16	29d	20-May-15 A	30-Dec-16		247d	-151d									
318	General		315d	12-Feb-15	25-May-16	29d	20-May-15 A	30-Dec-16		247d	-151d									
319	General		315d	12-Feb-15	25-May-16	29d	20-May-15 A	30-Dec-16		247d	-151d									
320	PR170110	Issue orders & receive shop drawings from Digestate Dewatering suppliers	18d	12-Feb-15	11-Mar-15	3d	20-May-15 A	22-Nov-16	99%	273d	-422d									
321	PR170170	Centrate Tank	0d			21d	18-Oct-16 A	16-Dec-16	52%	5d										
322	PR170171	Platform at Dewatering Area	0d			29d	18-Nov-16*	30-Dec-16	0%	9d										
323	PR170172	Bolffilter	0d			1d	05-Feb-16 A	18-Nov-16	100%	85d										
324	PR170174	Polymer Storage Tank	0d			29d	30-Jun-16 A	30-Dec-16	68%	16d										
325	PR170175	Centrate Discharge Pumps	0d			0d	21-Mar-16 A	28-Oct-16 A	100%											
326	PR170177	Break Tank	0d			21d	18-Nov-16*	16-Dec-16	0%	42d										
327	PR170180	Polymer Dosing System	143d	27-Oct-15	25-May-16	29d	30-Jun-16 A	30-Dec-16	78%	104d	-151d									
328	PR170210	Sieve Fine Plastic	0d			0d	26-May-16 A	04-Nov-16 A	100%											
329	PR170230	Anti-Foaming and Anti-Scalant Station	0d			29d	30-Jun-16 A	30-Dec-16	66%	46d										
330	PR170250	Monorail (Dewatering)	0d			21d	11-Jul-16 A	16-Dec-16	75%	36d										
331	<b>Composting System (Composting Tunnel, Maturation Area and Structurant Reception)</b>		315d	12-Feb-15	25-May-16	51d	30-Nov-15 A	03-Feb-17		221d	-173d									
332	General		315d	12-Feb-15	25-May-16	51d	30-Nov-15 A	03-Feb-17		221d	-173d									
333	General		315d	12-Feb-15	25-May-16	51d	30-Nov-15 A	03-Feb-17		221d	-173d									
334	PR170100	Issue orders & receive shop drawings from Composting suppliers	18d	12-Feb-15	11-Mar-15	0d	30-Nov-15 A	02-Nov-16 A	100%		-408d									
335	PR170140	Mixing Unit	143d	09-Sep-15	11-Apr-16	51d	20-May-16 A	03-Feb-17	72%	79d	-204d									
336	PR170190	Leachate Treatment, Pump & Sump Pump	143d	27-Oct-15	25-May-16	0d	21-Mar-16 A	28-Oct-16 A	100%		-108d									
337	PR170200	Compost Bagging Machine	103d	09-Sep-15	05-Feb-16	12d	19-Sep-16 A	05-Dec-16	82%	260d	-205d									
338	PR170240	Heat Exchangers	103d	09-Sep-15	05-Feb-16	14d	05-Apr-16 A	07-Dec-16	90%	66d	-207d									
339	PR170260	Hot Water Circulation Pumps	103d	09-Sep-15	05-Feb-16	9d	13-Jun-16 A	30-Nov-16	96%	71d	-202d									
340	PR170280	Tunnel Doors	103d	09-Sep-15	05-Feb-16	38d	02-Nov-16 A	13-Jan-17	15%	43d	-231d									
341	<b>Wastewater Treatment System (WWTS)</b>		235d	16-Mar-15	25-Feb-16	68d	08-Jul-15 A	28-Feb-17		208d	-250d									
342	General		235d	16-Mar-15	25-Feb-16	68d	08-Jul-15 A	28-Feb-17		208d	-250d									
343	General		235d	16-Mar-15	25-Feb-16	68d	08-Jul-15 A	28-Feb-17		208d	-250d									
344	PR150100	Issue orders & receive shop drawings from WWTS suppliers	17d	16-Mar-15	10-Apr-15	25d	08-Jul-15 A	22-Dec-16	98%	251d	-425d									
345	PR150120	Wastewater Treatment Plant (General)	103d	24-Sep-15	25-Feb-16	42d	11-Dec-15 A	19-Jan-17	90%	7d	-224d									
346	PR150130	Wastewater Treatment Plant (Chemical Dosing System)	0d			23d	23-Dec-16*	27-Jan-17	0%	-8d										
347	PR150160	Primary Sedimentation Tank (Conical Tank)	0d			0d	17-Jun-16 A	09-Nov-16 A	100%											
348	PR150170	GRP Tank	0d			68d	17-Jun-16 A	28-Feb-17	63%	-28d										
349	PR150200	Air Blowers	0d			29d	16-Aug-16 A	30-Dec-16	72%	21d										

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Jan	Feb	Mar	Apr	
350	PR150220	Air Compressor	0d			29d	23-Jun-16 A	30-Dec-16	74%	21d										
351	PR150240	ASP Stack (Insulation and Platform)	0d			31d	25-Nov-16*	11-Jan-17	0%	-3d										
352	PR150260	Diesel Tank (ASP)	0d			18d	23-Dec-16*	20-Jan-17	0%	-17d										
353	<b>Centralized Air Pollution Control (CAPC) System</b>			236d	12-Feb-15	26-Jan-16	61d	30-May-15 A	17-Feb-17		215d	-262d								
354	General			236d	12-Feb-15	26-Jan-16	61d	30-May-15 A	17-Feb-17		215d	-262d								
355	Issue orders & receive shop drawings from CAPC suppliers			236d	12-Feb-15	26-Jan-16	61d	30-May-15 A	17-Feb-17		215d	-262d								
356	PR180100	Issue orders & receive shop drawings from CAPC suppliers	18d	12-Feb-15	11-Jan-16	6d	30-May-15 A	25-Nov-16	98%	270d	-425d									
357	PR180120	CAPC System Equipment (General)	103d	28-Aug-15	26-Jan-16	39d	14-Jan-16 A	16-Jan-17	94%	-21d	-240d									
358	PR180140	GRP Tanks	0d			61d	02-Sep-16 A	17-Feb-17	0%	-38d										
359	PR180152	GRP Ductworks (Batch 2)	0d			43d	24-Jun-16 A	20-Jan-17	72%	-33d										
360	PR180154	GRP Ductworks (Batch 3)	0d			44d	12-Dec-16*	16-Feb-17	0%	-24d										
361	PR180200	Chemical Scrubber	0d			29d	14-Jan-16 A	30-Dec-16	95%	0d										
362	PR180215	Inline Fans	0d			46d	05-Dec-16*	13-Feb-17	0%	-14d										
363	<b>Bulk Material</b>			352d	09-Mar-15	18-May-16	129d	16-Sep-15 A	28-Apr-17		201d	-281d								
364	General			352d	09-Mar-15	18-May-16	129d	16-Sep-15 A	28-Apr-17		201d	-281d								
365	Issue orders & receive shop drawings from Mechanical Equipment suppliers			352d	09-Mar-15	18-May-16	129d	16-Sep-15 A	28-Apr-17		201d	-281d								
366	PR220050	Issue orders & receive shop drawings from Mechanical Equipment suppliers	20d	09-Mar-15	08-Apr-15	15d	16-Sep-15 A	08-Dec-16	95%	261d	-417d									
367	PR220055	Pipework (SS316) for Building 1 Waste Receiving & Pre-treatment	0d			21d	30-Nov-16*	30-Dec-16	0%	4d										
368	PR220056	Pipework (SS316) for Building 1 (Others)	0d			29d	15-Dec-16*	27-Jan-17	0%	-15d										
369	PR220057	Pipework (SS316) for Building 2	0d			25d	24-Nov-16*	30-Dec-16	0%	4d										
370	PR220058	Pipework (SS316) for AD Pipe Racks	0d			26d	18-Nov-16*	23-Dec-16	0%	7d										
371	PR220059	Pipework (SS316) for AD (Others)	0d			20d	28-Nov-16*	23-Dec-16	0%	7d										
372	PR220060	Pipework (SS316) for Biogas Area	0d			25d	24-Nov-16*	30-Dec-16	0%	4d										
373	PR220061	Pipework (SS316) for Hot Water Room	0d			25d	24-Nov-16*	30-Dec-16	0%	4d										
374	PR220065	Pipework (DI)	0d			24d	19-Jan-16 A	21-Dec-16	92%	9d										
375	PR220095	Mechanical Equipment - Penstock	0d			16d	23-Jun-16 A	09-Dec-16	86%	17d										
376	PR220100	Pipework (uPVC)	105d	21-Jul-15	17-Dec-15	20d	19-Jan-16 A	15-Dec-16	95%	-23d	-247d									
377	PR220102	Issue orders & receive shop drawings from Roller Shutter suppliers	0d			0d	16-Sep-15 A	27-Oct-16 A	100%											
378	PR220104	Roller Shutters (Local)	0d			10d	30-Jul-16 A	29-Nov-16	90%	30d										
379	PR220105	Roller Shutters (UK)	0d			35d	27-Oct-16 A	10-Jan-17	0%	-2d										
380	PR220108	Lifting Appliance	0d			29d	11-Jul-16 A	30-Dec-16	81%	-3d										
381	PR220110	Issue orders & receive shop drawings from Platforms, Handrails & Ladders suppliers	20d	17-Jun-15	15-Jul-15	34d	23-Nov-15 A	09-Jan-17	95%	242d	-369d									
382	PR220120	Platforms, Handrails and Ladders	90d	05-Nov-15	16-Mar-16	50d	09-Jan-17*	21-Mar-17	0%	-39d	-251d									
383	PR220130	Issue orders & receive shop drawings from Mobile Plants suppliers	40d	22-Sep-15	19-Nov-15	20d	09-Dec-16*	10-Jan-17	0%	13d	-282d									
384	PR220140	Mobile Plants	120d	20-Nov-15	18-May-16	51d	14-Feb-17	28-Apr-17	0%	13d	-235d									
385	PR220150	Issue orders & receive shop drawings from Laboratory Equipment Suppliers	0d			33d	18-Nov-16*	06-Jan-17	0%	2d										
386	PR220190	Laboratory Equipment	0d			51d	10-Feb-17	26-Apr-17	0%	2d										
387	<b>Valves</b>			0d			79d	08-Jun-16 A	24-Feb-17		127d									
388	General			0d			79d	08-Jun-16 A	24-Feb-17		127d									
389	PR220101	3-Way Valve	0d			16d	27-Sep-16 A	09-Dec-16	66%	17d										
390	PR220160	Ball Float Valve	0d			21d	25-Nov-16*	23-Dec-16	0%	146d										
391	PR220170	Ball Valve	0d			25d	09-Dec-16*	17-Jan-17	0%	132d										
392	PR220180	Butterfly Valve	0d			24d	27-Jun-16 A	21-Dec-16	92%	148d										
393	PR220210	Knife Gate Valve	0d			14d	08-Jun-16 A	07-Dec-16	85%	158d										
394	PR220220	Non-Return Valve	0d			30d	09-Dec-16*	16-Jan-17	0%	158d										
395	PR220230	Pressure Regulating Valve	0d			51d	09-Dec-16*	24-Feb-17	0%	106d										
396	PR220240	Pressure Relief Valve	0d			51d	09-Dec-16*	24-Feb-17	0%	106d										
397	PR220250	Solenoid Valve	0d			28d	09-Dec-16*	20-Jan-17	0%	129d										
398	PR220270	Electric Actuator for Ball Valve and Gate Valve	0d			38d	27-Jun-16 A	13-Jan-17	92%	134d										
399	<b>Electrical System &amp; Accessories</b>			273d	15-May-15	15-Apr-16	90d	27-May-15 A	09-Mar-17		241d	-268d								
400	General			208d	15-May-15	15-Mar-16	42d	27-May-15 A	19-Jan-17		234d	-211d								
401	Issue orders & receive shop drawings from Electrical suppliers			208d	15-May-15	15-Mar-16	42d	27-May-15 A	19-Jan-17		234d	-211d								
402	PR230100	Issue orders & receive shop drawings from Electrical suppliers	12d	15-May-15	02-Jun-15	16d	27-May-15 A	09-Dec-16	86%	260d	-381d									
403	PR230125	MCC and Electrical Accessories System (Pre-treatment)	0d			29d	03-Aug-16 A	30-Dec-16	56%	-21d										
404	PR230135	MCC and Electrical Accessories System (CAPCS)	0d			29d	03-Aug-16 A	30-Dec-16	64%	-2d										



#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017		
												Nov	Dec	Jan	Feb	Jan	Feb	
405	PR230145	MCC and Electrical Accessories System (Composting and Dewatering)	0d			23d	15-Jul-16 A	20-Dec-16	73%	33d								
406	PR230155	MCC and Electrical Accessories System (WWTP)	0d			29d	03-Aug-16 A	30-Dec-16	69%	-21d								
407	PR230165	MCC and Electrical Accessories System (AD)	0d			29d	15-Jul-16 A	30-Dec-16	62%	-3d								
408	PR230175	MCC and Electrical Accessories System (Biogas Cleaning & Storage)	0d			29d	15-Jul-16 A	30-Dec-16	62%	-16d								
409	PR230178	MCC and Electrical Accessories System (Heat Recovery & Power Generation)	0d			29d	03-Aug-16 A	30-Dec-16	68%	-16d								
410	PR230180	Cables (HV & LV) and Accessories, Cable Containment System	61d	19-Oct-15	14-Jan-16	20d	11-Jul-16 A	03-Jan-17	78%	-33d	-238d							
411	PR230185	FAT of MCC (1st batch - Composting and Dewatering)	0d			5d	21-Nov-16	25-Nov-16	0%	50d								
412	PR230190	FAT of MCC (2nd batch - Remaining)	0d			5d	19-Dec-16	23-Dec-16	0%	-18d								
413	PR230200	Earthing and Lightning	40d	19-Oct-15	14-Dec-15	15d	27-May-15 A	08-Dec-16	98.23%	29d	-245d							
414	PR230220	Emergency Generator	101d	19-Oct-15	15-Mar-16	42d	19-Aug-16 A	19-Jan-17	53%	-4d	-211d							
415	PR230240	Diesel Tank (Genset)	0d			39d	18-Nov-16*	16-Jan-17	0%	-17d								
416	11kV / 380V Stepdown Transformers		0d			90d	17-Nov-15 A	09-Mar-17		241d								
417			0d			90d	17-Nov-15 A	09-Mar-17		241d								
418	PR230230	Issue orders & receive shop drawings from Transformer supplier	0d			5d	17-Nov-15 A	23-Nov-16	98%	326d								
419	PR230250	11kV / 380V Transformers, Earthing Transformer	0d			5d	28-May-16 A	23-Nov-16	96%	-51d								
420	PR230280	Phasor Measurement Units (PMU) by CLP	0d			72d	09-Dec-16*	09-Mar-17	0%	-21d								
421	Main HV Switch Board (11kV)		0d			5d	17-Nov-15 A	23-Nov-16		326d								
422			0d			5d	17-Nov-15 A	23-Nov-16		326d								
423	PR230300	Issue orders & receive shop drawings from HV Switch Board supplier	0d			5d	17-Nov-15 A	23-Nov-16	98%	326d								
424	PR230320	HV Switch Board, switchgear and Instrumentation	0d			5d	28-May-16 A	23-Nov-16	99%	-51d								
425	PR230340	FAT of HV Switch Board	0d			0d	19-Oct-16 A	20-Oct-16 A	100%									
426	Main LV Switch Board		273d	15-May-15	15-Apr-16	28d	23-Nov-15 A	20-Dec-16		302d	-206d							
427			273d	15-May-15	15-Apr-16	28d	23-Nov-15 A	20-Dec-16		302d	-206d							
428	PR230130	Issue orders & receive shop drawings from LV Switch Board suppliers	12d	15-May-15	02-Jun-15	20d	23-Nov-15 A	15-Dec-16	94%	256d	-385d							
429	PR230140	Main LV Switch Board, switchgear and Instrumentation	121d	19-Oct-15	15-Apr-16	23d	14-Jul-16 A	20-Dec-16	86%	-43d	-172d							
430	PR230160	FAT of Main LV Switch Board	5d	01-Apr-16	08-Apr-16	4d	28-Nov-16*	01-Dec-16	0%	-36d	-196d							
431	SCADA /PLC System		222d	27-May-15	22-Feb-16	78d	01-Mar-15 A	23-Feb-17		253d	-298d							
432	General		222d	27-May-15	22-Feb-16	78d	01-Mar-15 A	23-Feb-17		253d	-298d							
433			222d	27-May-15	22-Feb-16	78d	01-Mar-15 A	23-Feb-17		253d	-298d							
434	PR240100	Issue orders & receive shop drawings from SCADA/PLC suppliers	20d	27-May-15	23-Jun-15	8d	01-Mar-15 A	29-Nov-16	96%	268d	-358d							
435	PR240120	SCADA/PLC System and component (Batch 1)	83d	22-Oct-15	22-Feb-16	20d	08-Jul-16 A	15-Dec-16	88%	-23d	-205d							
436	PR240140	FAT of SCADA/PLC System (Batch 1)	2d	29-Jan-16	01-Feb-16	0d	21-Sep-16 A	11-Nov-16 A	100%		-230d							
437	PR240160	SCADA/PLC System and component (Batch 2)	0d			39d	19-Aug-16 A	16-Jan-17	55%	5d								
438	PR240180	FAT of SCADA/PLC System (Batch 2)	0d			35d	16-Nov-16 A	30-Dec-16	0%	296d								
439	PR240200	SCADA/PLC System and component (Batch 3)	0d			42d	21-Dec-16*	23-Feb-17	0%	-11d								
440	PR240220	FAT of SCADA/PLC System (Batch 3)	0d			24d	14-Jan-17	14-Feb-17	0%	261d								
441	Building Services Equipment (Including Lift & Renewable Energy System)		260d	12-Feb-15	03-Mar-16	58d	17-Aug-15 A	14-Feb-17		218d	-235d							
442	General		252d	12-Feb-15	22-Feb-16	42d	17-Aug-15 A	19-Jan-17		234d	-227d							
443			252d	12-Feb-15	22-Feb-16	42d	17-Aug-15 A	19-Jan-17		234d	-227d							
444	PR250100	Issue orders & receive shop drawings from BS suppliers	20d	12-Feb-15	13-Mar-15	9d	17-Aug-15 A	30-Nov-16	98%	267d	-426d							
445	PR250120	Firemen Lift	83d	22-Oct-15	22-Feb-16	9d	21-Jun-16 A	30-Nov-16	95%	-31d	-194d							
446	PR250130	Lifting Platform	0d			30d	06-Dec-16*	19-Jan-17	0%	-24d								
447	BS - Electrical		81d	05-Nov-15	03-Mar-16	44d	08-Jun-16 A	23-Jan-17		13d	-221d							
448			81d	05-Nov-15	03-Mar-16	44d	08-Jun-16 A	23-Jan-17		13d	-221d							
449	PR250225	BS - Light Fittings	0d			14d	03-Jan-17	20-Jan-17	0%	-34d								
450	PR250230	ELV System Equipment	81d	05-Nov-15	03-Mar-16	44d	08-Jun-16 A	23-Jan-17	82%	13d	-221d							
451	BS - Fire Services		81d	05-Nov-15	03-Mar-16	39d	15-Dec-16	14-Feb-17		-29d	-235d							
452			81d	05-Nov-15	03-Mar-16	39d	15-Dec-16	14-Feb-17		-29d	-235d							
453	PR250210	Fire Services System Equipment (Fire Damper)	81d	05-Nov-15	03-Mar-16	30d	30-Dec-16*	14-Feb-17	0%	-36d	-235d							
454	PR250212	Fire Services System Equipment (FM200)	0d			30d	15-Dec-16*	01-Feb-17	0%	-20d								
455	PR250214	Fire Services System Equipment (AFA)	0d			30d	15-Dec-16*	01-Feb-17	0%	-40d								
456	BS - Plumbing & Drainage		81d	05-Nov-15	03-Mar-16	18d	05-Jan-17	01-Feb-17		1d	-226d							
457			81d	05-Nov-15	03-Mar-16	18d	05-Jan-17	01-Feb-17		1d	-226d							
458	PR250220	Plumbing and Drainage System Equipment (Electric Heater)	81d	05-Nov-15	03-Mar-16	18d	05-Jan-17*	01-Feb-17	0%	1d	-226d							
459	BS - MVAC		137d	14-Aug-15	03-Mar-16	50d	10-Jun-16 A	02-Feb-17		-10d	-227d							
460			137d	14-Aug-15	03-Mar-16	50d	10-Jun-16 A	02-Feb-17		-10d	-227d							
461	PR250140	Absorption Chiller	83d	14-Aug-15	11-Dec-15	32d	10-Jun-16 A	05-Jan-17	84%	-9d	-263d							
462	PR250160	Electrical Chiller	81d	05-Nov-15	03-Mar-16	32d	15-Jun-16 A	05-Jan-17	88%	8d	-209d							



#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	
522	CC100640	Clearance of Internal Area of Mezz Lev. & 1/F (Part A)	0d			9d	07-Dec-16	16-Dec-16	0%	-45d										
523	CC100650	Erect bamboo working platform at Internal Area of Mess Lev. & 1/F (Part A)	0d			12d	17-Dec-16	03-Jan-17	0%	-45d										
524	CC100660	ABWF Works at M/F, 1/F to R/F (Part A)	0d			30d	17-Dec-16	24-Jan-17	0%	-45d										
525	CC100670	Removal of Scaffolding and Working Platform (Part A)	0d			0d		24-Jan-17	0%	15d										
526	CC100680	External and Remaining ABWF Works (Part A)	0d			85d	30-Nov-16	15-Mar-17	0%	1d										
527	Handover of Works to E&M			0d		45d	10-Dec-16	08-Feb-17		-7d										
528	CC100690	Handover G/F to E&M Works (Zone #1.1.3 Part A - Building 1 Workshop)	0d			0d	10-Dec-16		0%	38d										
529	CC100691	Handover G/F to E&M Works (Zone #1.1.3 Part A - Building 1 F.S.Pump Rm.)	0d			0d	17-Jan-17		0%	9d										
530	CC100692	Handover G/F to E&M Works (Zone #1.1.4 Part A - Building 1 WWTP MCC Room) excl. ABWF	0d			0d	19-Jan-17		0%	-40d										
531	CC100700	Handover to E&M Works (Zone #1.2.1 Part A - Building 1 Adm. Bldg. Firemen Lift Shaft)	0d			0d	10-Dec-16		0%	-45d										
532	CC100830	Handover G/F to E&M Works (Zone #1.2.2 Part A - Building 1 Adm. Bldg. Grid H-L/10-15)	0d			0d	23-Dec-16		0%	-33d										
533	CC100840	Handover M/F to E&M Works (Zone #1.2.3 Part A - Building 1 Adm. Bldg. Grid H-L/10-15)	0d			0d	08-Feb-17		0%	-31d										
534	Superstructure at Grid 10-15/K.5-Q - Part C (Bunker & Influence Zone)			155d	29-Dec-15	09-Jul-16	132d	12-Sep-16 A	04-May-17		199d	-241d								
535	G/F to M/F @+11.950			18d	30-Dec-15	20-Jan-16	18d	18-Nov-16	08-Dec-16		-8d	-263d								
536	CC102100	Underground Drainage Work (Part C)	18d	30-Dec-15	20-Jan-16	18d	18-Nov-16	08-Dec-16	0%	-8d	-263d									
537	M/F to 1/F @+17.200			0d			29d	22-Nov-16	24-Dec-16		64d									
538	CC102210	Construct Roof at Temporary Opening at +17.20mP.D.	0d			29d	22-Nov-16	24-Dec-16	0%	64d										
539	Roof and Parapet			12d	10-Mar-16	23-Mar-16	34d	11-Oct-16 A	29-Dec-16		-23d	-228d								
540	CC102240	Bay D3 Roof to Parapet @+22.150	12d	10-Mar-16	23-Mar-16	34d	18-Nov-16*	29-Dec-16	0%	-23d	-228d									
541	CC102250	Bay E3 Roof to +20.350	0d			12d	18-Nov-16*	01-Dec-16	0%	-1d										
542	CC102270	Bay G3 Pre-Treatment and CAPCS MCC Room Roof @+22.150	0d			13d	11-Oct-16 A	02-Dec-16	56.67%	-2d										
543	ABWF Works			155d	29-Dec-15	09-Jul-16	132d	12-Sep-16 A	04-May-17		-36d	-241d								
544	CC102260	Clearance of Internal Area of G/F (Part C)	6d	29-Dec-15	05-Jan-16	3d	12-Sep-16 A	21-Nov-16	90%	-43d	-261d									
545	CC102280	Erect bamboo working platform at Internal Area of G/F (Part C)	12d	06-Jan-16	19-Jan-16	12d	18-Nov-16	01-Dec-16	0%	-13d	-258d									
546	CC102300	ABWF Works at G/F (Part C)	24d	20-Jan-16	19-Feb-16	42d	18-Nov-16	09-Jan-17	0%	-43d	-264d									
547	CC102320	Clearance of Internal Area of Mezz Lev. & 1/F (Part C)	9d	01-Mar-16	10-Mar-16	15d	18-Nov-16	05-Dec-16	0%	-18d	-220d									
548	CC102340	Erect bamboo working platform at Internal Area of Mess Lev. & 1/F (Part C)	12d	11-Mar-16	24-Mar-16	12d	29-Nov-16	12-Dec-16	0%	-18d	-214d									
549	CC102360	ABWF Works at M/F, 1/F and R/F (Part C)	40d	29-Mar-16	17-May-16	67d	06-Jan-17	28-Mar-17	0%	-48d	-259d									
550	CC102380	External and Remaining ABWF Works (Part C)	85d	24-Mar-16	09-Jul-16	85d	16-Jan-17	04-May-17	0%	-36d	-241d									
551	Handover of Works to E&M			0d	04-Feb-16	04-Feb-16	56d	24-Oct-16 A	08-Feb-17		267d	-297d								
552	CC101801	Handover G/F to E&M Works (Zone #1.1.1 Part C - SBT Pump Room)	0d			0d	15-Dec-16*		0%	-43d										
553	CC101802	Handover G/F to E&M Works (Zone #1.1.6 Part C - Building 1 - Pre-treat. Area Grid K-Q/11-15) - in stages	0d			0d	15-Dec-16*		0%	-26d										
554	CC101803	Handover G/F to E&M Works (Zone #1.1.7 Part C - Building 1 - Area E without ABWF)	0d			0d	08-Nov-16 A		100%											
555	CC101804	Handover G/F to E&M Works (Zone #1.1.7 Part C - Building 1 - Area E)	0d			0d	28-Nov-16		0%	323d										
556	CC101805	Handover G/F to E&M Works (Zone #1.1.8 Part C - Building 1 - Area D without ABWF)	0d			0d	24-Oct-16 A		100%											
557	CC102400	Handover G/F to E&M Works (Zone #1.1.9 Part C - Building 1 - Area G)	0d	04-Feb-16		0d	28-Dec-16		0%	-35d	-265d									
558	CC102410	Handover 1/F to E&M Works (Zone #1.2.5 Part C - Building 1 - CAPCS Area - Grid L-Q/12-15, +17.350)	0d			0d	08-Feb-17		0%	-48d										
559	CC102411	Handover 1/F to E&M Works (Zone #1.2.5 Part C - Building 1 - Pretreatment MCC Room, +17.350)	0d			0d	14-Jan-17		0%	-36d										
560	CC102415	Handover 1/F to E&M Works (Zone #1.2.6 Part C - Building 1 - Chiller Plant Room Area)	0d			0d	07-Feb-17		0%	-15d										
561	Steel Roof & Covered Walkway			112d	24-Oct-15	09-Mar-16	62d	13-Dec-16	01-Mar-17		-37d	-289d								
562	Steel Roof and Covered Walkway			112d	24-Oct-15	09-Mar-16	62d	13-Dec-16	01-Mar-17		-37d	-289d								
563	CC102225	Fabricate & Deliver Roof & Covered Walkway Structural Steelwork	77d	24-Oct-15	25-Jan-16	35d	13-Dec-16	25-Jan-17	0%	-37d	-297d									
564	CC102230	Erect Roof Steelwork	6d	03-Mar-16	09-Mar-16	27d	26-Jan-17	01-Mar-17	0%	-37d	-289d									
565	CC102290	Erect Covered Walkway	0d			19d	26-Jan-17	20-Feb-17	0%	-29d										
566	Composting Building & Facilities - Zone #2			262d	08-Jul-15	25-May-16	102d	10-Jun-16 A	23-Mar-17		229d	-248d								
567	Composting Building #2 (Zone #2.1)			260d	08-Jul-15	23-May-16	102d	10-Jun-16 A	23-Mar-17		229d	-250d								
568	For Location at Grid 1-5/A-C			15d	08-Jul-15	24-Jul-15	15d	04-Jul-16 A	05-Dec-16		316d	-408d								
569	CC103160	Underground Drainage Work	15d	08-Jul-15	24-Jul-15	15d	04-Jul-16 A	05-Dec-16	95%	316d	-408d									
570	For Location at Grid 1-5/C-G			15d	19-Aug-15	04-Sep-15	15d	10-Jun-16 A	05-Dec-16		316d	-372d								
571	CC103220	Underground Drainage Work	15d	19-Aug-15	04-Sep-15	15d	10-Jun-16 A	05-Dec-16	95%	316d	-372d									
572	General			111d	05-Jan-16	23-May-16	102d	13-Jul-16 A	23-Mar-17		90d	-250d								
573	CC103310	Erect Steelwork for Building #2 Covered Walkway	0d			0d	20-Oct-16 A	11-Nov-16 A	100%											
574	CC103312	Erect Cladding for Building #2 Covered Walkway	0d			36d	12-Nov-16 A	31-Dec-16	0%	138d										
575	CC103315	Fabricate & deliver Structural Steelwork for Building #2 Steel Roof	0d			13d	19-Sep-16 A	02-Dec-16	78.33%	50d										
576	CC103318	Erect Steelwork for Building #2 Steel Roof	0d			16d	03-Dec-16	21-Dec-16	0%	50d										

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017	
												Nov	Dec	Jan	Feb	Jan	Feb
577	CC103319	Erect Cladding for Building #2 Steel Roof	0d			24d	22-Dec-16	21-Jan-17	0%	115d	-202d						Erect Cladding for Building #2 Steel Roof
578	CC103360	Internal Finishing Works	39d	10-Mar-16	28-Apr-16	35d	22-Jul-16 A	30-Dec-16	88.29%	10d	-202d						Internal Finishing Works
579	CC103400	External Finishing Works	43d	24-Mar-16	19-May-16	36d	26-Sep-16 A	31-Dec-16	16.28%	1d	-187d						External Finishing Works
580	CC103420	ABWF Work	40d	05-Jan-16	23-Feb-16	31d	13-Jul-16 A	23-Dec-16	68%	6d	-250d						ABWF Work
581	CC103440	Remaining ABWF Work	71d	24-Feb-16	23-May-16	71d	24-Dec-16	23-Mar-17	0%	90d	-250d						
582	Handover of Works to E&M		0d	23-May-16	23-May-16	3d	10-Nov-16 A	30-Dec-16	100%	10d	-183d						
583	CC100815	Handover to E&M Works (Zone #2.1.8 - Building 2 Composting Tunnel)	0d			0d		10-Nov-16 A	100%								Handover to E&M Works (Zone #2.1.8 - Building 2 Composting Tunnel)
584	CC100820	Handover to E&M Works (Zone #2.1.9 - Dewatering Area - 1/F)	0d			0d		24-Dec-16*	0%	-1d							Handover to E&M Works (Zone #2.1.9 - Dewatering Area - 1/F)
585	CC103460	Handover to E&M Works (Zone #2.1.10 - Building 2 Other Remaining Area)	0d			0d		30-Dec-16*	0%	10d	-183d						Handover to E&M Works (Zone #2.1.10 - Building 2 Other Remaining Area)
586	Link Bridge (Zone #2.2)		166d	31-Oct-15	25-May-16	84d	24-Sep-16 A	02-Mar-17		21d	-230d						
587	Link Bridge (Zone #2.2)		166d	31-Oct-15	25-May-16	84d	24-Sep-16 A	02-Mar-17		21d	-230d						
588	CC104100	Fabricate & deliver Structural Steelwork	103d	31-Oct-15	05-Mar-16	30d	24-Sep-16 A	22-Dec-16	50%	21d	-239d						Fabricate & deliver Structural Steelwork
589	CC104120	Installation of Bearing Support for Link Bridge at Bldg 1 & 2	12d	03-Mar-16	16-Mar-16	3d	10-Dec-16	13-Dec-16	0%	29d	-222d						Installation of Bearing Support for Link Bridge at Bldg 1 & 2
590	CC104140	Erect Steelwork for Link Bridge	18d	17-Mar-16	11-Apr-16	18d	23-Dec-16	16-Jan-17	0%	21d	-230d						Erect Steelwork for Link Bridge
591	CC104160	ABWF Works at Link Bridge	36d	12-Apr-16	25-May-16	36d	17-Jan-17	02-Mar-17	0%	21d	-230d						
592	Handover of Works to E&M		0d	25-May-16	25-May-16	0d	26-Jan-17	26-Jan-17		21d	-203d						
593	CC104180	Handover to E&M Works at Link Bridge (Zone #2.2 - Link Bridge)	0d			0d		26-Jan-17	0%	21d	-203d						Handover to E&M Works at Link Bridge
594	Auxiliary Buildings & Facilities (Zone #3)		326d	02-Sep-15	07-Oct-16	109d	13-Nov-15 A	31-Mar-17		222d	-143d						
595	Energy Centre (Building #3/Zone #3.1)		66d	11-Dec-15	03-Mar-16	58d	29-Aug-16 A	27-Jan-17		273d	-269d						
596	Energy Centre (Building #3/Zone #3.1)		66d	11-Dec-15	03-Mar-16	58d	29-Aug-16 A	27-Jan-17		273d	-269d						
597	CC105140	Foul Drainage Connections	11d	11-Dec-15	23-Dec-15	13d	18-Nov-16	02-Dec-16	0%	318d	-279d						Foul Drainage Connections
598	CC105260	Dog House (+18.6mPD)	5d	05-Feb-16	13-Feb-16	0d	15-Oct-16 A	24-Oct-16 A	100%		-206d						Dog House (+18.6mPD)
599	CC105300	Concrete Plinths / Walls / Trenches / Raised Floor	12d	29-Jan-16	15-Feb-16	13d	29-Aug-16 A	02-Dec-16	85%	-46d	-239d						Concrete Plinths / Walls / Trenches / Raised Floor
600	CC105320	ABWF Works	16d	15-Feb-16	03-Mar-16	58d	30-Aug-16 A	27-Jan-17	11%	-46d	-269d						ABWF Works
601	Handover of Works to E&M		0d	03-Mar-16	03-Mar-16	53d	23-Nov-16	27-Jan-17		-36d	-269d						
602	CC105334	Handover to E&M Works (Bldg #3/Zone #3.1.3 - Energy Centre Roof)	0d			0d		27-Jan-17	0%	-36d							Handover to E&M Works (Bldg #3/Zone #3.1.3 - Energy Centre Roof)
603	CC105335	Handover to E&M Works (Bldg #3 - Energy Centre 3nos. MCC Rooms and Lower Roof)	0d			0d		31-Dec-16	0%	-14d							Handover to E&M Works (Bldg #3 - Energy Centre 3nos. MCC Rooms and Lower Roof)
604	CC105336	Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F)	0d			0d		12-Dec-16*	0%	-20d							Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F)
605	CC105337	Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F Transformer Room)	0d			0d		23-Nov-16*	0%	-51d							Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F Transformer Room)
606	CC105338	Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F Main LV Switch Room)	0d			0d		19-Dec-16*	0%	-51d							Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F Main LV Switch Room)
607	CC105340	Handover to E&M Works (Bldg #3/Zone #3.1.5 - Energy Centre Other Remaining Area)	0d			0d		27-Jan-17	0%	-42d	-269d						Handover to E&M Works (Bldg #3/Zone #3.1.5 - Energy Centre Other Remaining Area)
608	Anaerobic Digestion Tanks (Zone #3.2)		18d	19-Feb-16	10-Mar-16	13d	05-Sep-16 A	02-Dec-16		-3d	-218d						
609	General		18d	19-Feb-16	10-Mar-16	13d	05-Sep-16 A	02-Dec-16		-20d	-218d						
610	CC106320	ABWF for Pump Buildings	18d	19-Feb-16	10-Mar-16	13d	05-Sep-16 A	02-Dec-16	80%	-20d	-218d						ABWF for Pump Buildings
611	Handover of Works to E&M		0d			4d	28-Nov-16	02-Dec-16		-3d							
612	CC106460	Handover to E&M Works (Zone #3.2.3 - Jet Mixing Pump Rooms & Centriguge Feed Pump Room)	0d			0d		28-Nov-16*	0%	-29d							Handover to E&M Works (Zone #3.2.3 - Jet Mixing Pump Rooms & Centriguge Feed Pump Room)
613	CC106470	Handover to E&M Works (Zone #3.2.4 - Heat & Forward Pump Room 1 & 2)	0d			0d		02-Dec-16*	0%	-3d							Handover to E&M Works (Zone #3.2.4 - Heat & Forward Pump Room 1 & 2)
614	CAPCS Stack (inside Building 1)		18d	26-Nov-15	16-Dec-15	30d	23-Jan-17	01-Mar-17		-8d	-355d						
615	CAPCS Stack (inside Building 1)		18d	26-Nov-15	16-Dec-15	30d	23-Jan-17	01-Mar-17		-8d	-355d						
616	CC108220	Erect structural steel support for CAPCS duct (Refer to Building 1)	18d	26-Nov-15	16-Dec-15	30d	23-Jan-17	01-Mar-17	0%	-8d	-355d						
617	Biogas Cleaning & Storage Tank (Zone #3.5)		88d	08-Oct-15	22-Jan-16	38d	27-Jun-16 A	04-Jan-17		293d	-281d						
618	Intermediate Digestate Tank		12d	08-Oct-15	22-Oct-15	12d	18-Nov-16	01-Dec-16		319d	-331d						
619	CC109140	Foul Drainage Connections	12d	08-Oct-15	22-Oct-15	12d	18-Nov-16*	01-Dec-16	0%	319d	-331d						Foul Drainage Connections
620	Biogas Holder / Biogas Plant		70d	30-Oct-15	22-Jan-16	38d	27-Jun-16 A	04-Jan-17		22d	-281d						
621	CC109220	Raft Foundations	6d	30-Oct-15	05-Nov-15	30d	27-Jun-16 A	22-Dec-16	95%	-13d	-337d						Raft Foundations
622	CC109240	Underground Drainage Work	6d	06-Nov-15	12-Nov-15	6d	23-Dec-16	31-Dec-16	0%	22d	-337d						Underground Drainage Work
623	CC109280	Clearance	4d	18-Dec-15	22-Dec-15	35d	12-Sep-16 A	31-Dec-16	80%	-13d	-303d						Clearance
624	CC109300	ABWF Works	24d	23-Dec-15	22-Jan-16	37d	19-Sep-16 A	04-Jan-17	80%	22d	-281d						ABWF Works
625	Handover of Works to E&M		0d	22-Jan-16	22-Jan-16	2d	31-Dec-16	04-Jan-17		30d	-281d						
626	CC109380	Handover to E&M Works (Zone #3.5.1 - Biogas Cleaning & Storage Tank)	0d			0d		31-Dec-16	0%	-13d	-279d						Handover to E&M Works (Zone #3.5.1 - Biogas Cleaning & Storage Tank)
627	CC109400	Handover to E&M Works (Zone #3.5.3 - Biogas Dehumidifier)	0d			0d		04-Jan-17	0%	30d							Handover to E&M Works (Zone #3.5.3 - Biogas Dehumidifier)
628	Weighbridge (Zone #3.6)		106d	20-Nov-15	01-Apr-16	86d	02-Dec-16	18-Mar-17		-33d	-287d						
629	Weighbridge (Zone #3.6)		106d	20-Nov-15	01-Apr-16	86d	02-Dec-16	18-Mar-17		-33d	-287d						
630	CC110100	Excavation	12d	20-Nov-15	03-Dec-15	6d	02-Dec-16	08-Dec-16	0%	-36d	-301d						Excavation
631	CC110120	Control Room Footing	9d	04-Dec-15	14-Dec-15	9d	09-Dec-16	19-Dec-16	0%	-36d	-301d						Control Room Footing
632	CC110140	Wall, Floor Slab and Stair	15d	15-Dec-15	04-Jan-16	15d	20-Dec-16	09-Jan-17	0%	-36d	-301d						Wall, Floor Slab and Stair
633	CC110160	Wall and Roof Slab	15d	05-Jan-16	21-Jan-16	15d	10-Jan-17	26-Jan-17	0%	-36d	-301d						Wall and Roof Slab
634	CC110180	Parapet	6d	22-Jan-16	28-Jan-16	6d	27-Jan-17	06-Feb-17	0%	-36d	-301d						Parapet

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017			
												Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
635	CC110200	Backfill and Formation	6d	29-Jan-16	04-Feb-16	6d	07-Feb-17	13-Feb-17	0%	-36d	-301d								
636	CC110220	Concrete Structure for Weighbridge	17d	05-Feb-16	27-Feb-16	17d	14-Feb-17	04-Mar-17	0%	-36d	-301d								
637	CC110240	ABWF Work	26d	29-Feb-16	01-Apr-16	30d	13-Feb-17	18-Mar-17	0%	-33d	-287d								
638	Miscellaneous Works (Zone #4)		326d	02-Sep-15	07-Oct-16	109d	13-Nov-15 A	31-Mar-17		222d	-143d								
639	3m High Boundary Wall (Type 2)		101d	08-Mar-16	12-Jul-16	58d	05-Apr-16 A	27-Jan-17		-3d	-165d								
640	CC111140	Footing and Wall	75d	08-Mar-16	10-Jun-16	32d	05-Apr-16 A	24-Dec-16	82%	-3d	-165d								
641	CC111160	Backfilling	26d	11-Jun-16	12-Jul-16	26d	28-Dec-16	27-Jan-17	0%	-3d	-165d								
642	Summary		268d	02-Sep-15	29-Jul-16	109d	13-Nov-15 A	31-Mar-17		23d	-201d								
643	CC111220	Boundary Fence (Summary)	48d	02-Jun-16	29-Jul-16	58d	10-Jun-16 A	27-Jan-17	28.4%	74d	-150d								
644	CC111280	Sitewide Drainage (Summary)	146d	17-Sep-15	15-Mar-16	57d	13-Nov-15 A	26-Jan-17	12%	-35d	-258d								
645	CC111300	Sitewide Sewage (Summary)	149d	02-Sep-15	03-Mar-16	57d	13-Nov-15 A	26-Jan-17	15%	-35d	-268d								
646	CC111320	Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Summary)	142d	05-Dec-15	01-Jun-16	71d	10-Aug-16 A	15-Feb-17	0%	-52d	-211d								
647	CC111340	Site Roadworks (Summary)	47d	02-Jun-16	28-Jul-16	70d	06-Jan-17	31-Mar-17	0%	-32d	-202d								
648	Location Near Building 2 (Part 1)		0d			74d	13-Nov-15 A	18-Feb-17		58d									
649	CC113100	Boundary Fence - Type1, 2 & 3 (Part 1)	0d			41d	18-Nov-16*	07-Jan-17	0%	91d									
650	CC113150	Excavate for Drainage and Sewage (Part 1)	0d			16d	13-Nov-15 A	06-Dec-16	88%	-27d									
651	CC113200	Install Pipes and Construct Manholes for Drainage and Sewage (Part 1)	0d			24d	05-Dec-15 A	16-Dec-16	80.6%	-27d									
652	CC113250	Testing of Drainage and Sewage (Part 1)	0d			27d	05-Apr-16 A	19-Dec-16	75%	-40d									
653	CC113300	Backfilling of Drainage and Sewage (Part 1)	0d			31d	11-Apr-16 A	24-Dec-16	62%	-40d									
654	CC113350	Complete M/H STM-1 & Connect to Existing 500mm Trapezoidal Channel	0d			60d	03-Dec-16	17-Feb-17	0%	55d									
655	CC113500	Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 1)	0d			12d	10-Aug-16 A	04-Jan-17	55.6%	-40d									
656	CC113550	Site Roadworks (Part 1)	0d			35d	06-Jan-17	18-Feb-17	0%	-37d									
657	Location Near Building 1 Fence Wall (Part 2)		0d			86d	20-Apr-16 A	04-Mar-17		245d									
658	CC114100	Boundary Fence - Type1 (part 2)	0d			48d	30-Nov-16	27-Jan-17	0%	74d									
659	CC114150	Excavate for Drainage and Sewage (Part 2)	0d			13d	20-Apr-16 A	06-Dec-16	68%	315d									
660	CC114200	Install Pipes and Construct Manholes for Drainage and Sewage (Part 2)	0d			22d	25-Apr-16 A	13-Dec-16	61%	309d									
661	CC114250	Testing of Drainage and Sewage (Part 2)	0d			28d	18-Jul-16 A	20-Dec-16	55%	303d									
662	CC114300	Backfilling of Drainage and Sewage (Part 2)	0d			32d	05-Sep-16 A	24-Dec-16	30%	-42d									
663	CC114350	Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 2)	0d			36d	26-Sep-16 A	31-Dec-16	22.2%	-17d									
664	CC114400	Site Roadworks (Part 2)	0d			47d	06-Jan-17	04-Mar-17	0%	-49d									
665	Location between Building 1 & AD Farm (Part 3)		0d			109d	16-Aug-16 A	31-Mar-17		83d									
666	CC115100	Excavate for Drainage and Sewage (Part 3)	0d			35d	16-Aug-16 A	30-Dec-16	38%	157d									
667	CC115150	Install Pipes and Construct Manholes for Drainage and Sewage (Part 3)	0d			45d	18-Aug-16 A	12-Jan-17	22.5%	-44d									
668	CC115200	Testing of Drainage and Sewage (Part 3)	0d			45d	05-Sep-16 A	19-Jan-17	18%	-44d									
669	CC115250	Backfilling of Drainage and Sewage (Part 3)	0d			40d	08-Dec-16	26-Jan-17	0%	-44d									
670	CC115300	Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 3)	0d			40d	24-Dec-16	15-Feb-17	0%	-52d									
671	CC115350	Site Roadworks (Part 3)	0d			70d	06-Jan-17	31-Mar-17	0%	-32d									
672	Location between Building 1 & Building 3 (Part 4)		43d	16-Mar-16	10-May-16	94d	15-Apr-16 A	14-Mar-17		80d	-252d								
673	CC111240	Gate House	43d	16-Mar-16	10-May-16	43d	31-Dec-16	23-Feb-17	0%	-25d	-236d								
674	CC116100	Boundary Fence - Type 1 & 4 (Part 4)	0d			38d	10-Jun-16 A	27-Jan-17	60%	116d									
675	CC116150	Excavate for Drainage and Sewage (Part 4)	0d			20d	15-Apr-16 A	10-Dec-16	82%	-13d									
676	CC116200	Install Pipes and Construct Manholes for Drainage and Sewage (Part 4)	0d			25d	05-May-16 A	16-Dec-16	69.3%	-15d									
677	CC116210	Complete M/H STM-2 & Connect to Existing 3m Trapezoidal Channel	0d			25d	12-Aug-16 A	16-Dec-16	80%	-15d									
678	CC116250	Complete Terminal Foulwater M/H and Connect to Existing 225mm Tapping Sewer	0d			22d	08-Jul-16 A	13-Dec-16	85%	-12d									
679	CC116300	Testing of Drainage and Sewage (Part 4)	0d			28d	16-May-16 A	23-Dec-16	75%	-15d									
680	CC116350	Backfilling of Drainage and Sewage (Part 4)	0d			20d	20-Jun-16 A	03-Jan-17	82%	-15d									
681	CC116400	Sitewide Pipe Ducts, Trenches, Drawpits and Utilities (Part 4)	0d			35d	25-Jul-16 A	09-Jan-17	47.7%	-32d									
682	CC116500	Water Meter Cabinet Construction	0d			30d	09-Dec-16*	16-Jan-17	0%	-16d									
683	CC116550	Site Roadworks (Part 4)	0d			55d	06-Jan-17	14-Mar-17	0%	-17d									
684	Location at Natural Terrain (Speworks)		24d	23-Nov-15	19-Dec-15	24d	31-Dec-16	01-Feb-17		73d	-328d								
685	CC111110	Tree felling and transplanting (Natural Terrain - if any)	24d	23-Nov-15	19-Dec-15	24d	31-Dec-16	01-Feb-17	0%	73d	-328d								
686	Roadworks at Portion 2		145d	15-Apr-16	07-Oct-16	46d	04-Jul-16 A	13-Jan-17		285d	-80d								
687	CC111435	Portion 2 Works - Temp. Traffic Management (in Stages) - Summary	0d			46d	04-Jul-16 A	13-Jan-17	71.43%	31d									
688	CC111440	Utilities Diversion - Summary	86d	15-Apr-16	28-Jul-16	12d	04-Jul-16 A	01-Dec-16	92.36%	319d	-105d								

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017			
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
689	CC111460	Road Construction - Summary	102d	07-Jun-16	07-Oct-16	46d	25-Aug-16 A	13-Jan-17	100%	31d	-80d								
690	CC111520	Connection of FS Main, Fresh Water Main & Flushing Water Main by Authority or Others	0d			8d	23-Nov-16*	01-Dec-16	0%	319d									
691	CC111540	Realign Kerbs for Pavement	0d			0d	25-Aug-16 A	17-Nov-16 A	100%										
692	CC111560	Construct of New Concrete Footpath Pavement and Reinstatement of Verge	0d			7d	02-Dec-16*	09-Dec-16	0%	52d									
693	CC111580	Bitument Pavement Reconstruction	0d			35d	01-Dec-16*	13-Jan-17	0%	31d									
694	CC111620	Relocation of Fire Hydrant and Street Lamp by Authority or Others	0d			8d	23-Nov-16	01-Dec-16	0%	65d									
695	<b>STATUTORY AND UTILITIES WORKS</b>			147d	08-Apr-16	03-Oct-16	119d	02-Nov-16 A	16-Apr-17	41d	-157d								
696	<b>Electricity Supply and Energization - CLP</b>			91d	08-Apr-16	27-Jul-16	50d	02-Nov-16 A	18-Jan-17	-51d	-144d								
697			91d	08-Apr-16	27-Jul-16	50d	02-Nov-16 A	18-Jan-17	-51d	-144d									
698			91d	08-Apr-16	27-Jul-16	50d	02-Nov-16 A	18-Jan-17	-51d	-144d									
699	SW250160	CLP to install HV Switch Boards	90d	22-Apr-16	20-Jul-16	47d	02-Nov-16 A	03-Jan-17	6%	-63d	-167d								
700	SW250175	CLP to install Lead-in Cables	0d			18d	09-Dec-16*	31-Dec-16	0%	-49d									
701	SW250200	CLP to install HV cables	26d	08-Apr-16	09-May-16	5d	24-Dec-16*	31-Dec-16	0%	-49d	-195d								
702	SW250220	Submit WR1 to CLP and CLP inspection	6d	10-May-16	17-May-16	6d	05-Jan-17	11-Jan-17	0%	-51d	-197d								
703	SW250240	CLP install energy meter and energize power	6d	21-Jul-16	27-Jul-16	6d	12-Jan-17	18-Jan-17	0%	-51d	-144d								
704	<b>Plumbing - WSD</b>			26d	30-Jun-16	01-Aug-16	49d	17-Jan-17	17-Mar-17	-20d	-187d								
705			26d	30-Jun-16	01-Aug-16	49d	17-Jan-17	17-Mar-17	-20d	-187d									
706			26d	30-Jun-16	01-Aug-16	49d	17-Jan-17	17-Mar-17	-20d	-187d									
707	SW251990	WSD Connection to Water Meter Cabinet	0d			60d	17-Jan-17	17-Mar-17	0%	-23d									
708	SW252100	Submit Form WW046 Part IV - Request for Inspection (Fresh Water Supply)	0d		30-Jun-16	0d		14-Feb-17	0%	-40d	-155d								
709	SW252120	WSD inspection and reinspection (Fresh Water Supply)	21d	04-Jul-16	01-Aug-16	15d	15-Feb-17	07-Mar-17	0%	-40d	-149d								
710	<b>Drainage - DSD</b>			0d			60d	16-Feb-17	16-Apr-17	52d									
711			0d			60d	16-Feb-17	16-Apr-17	52d										
712			0d			60d	16-Feb-17	16-Apr-17	52d										
713	SW254100	Connection by DSD to Terminal Foulwater MH	0d			60d	16-Feb-17	16-Apr-17	0%	52d									
714	<b>Others</b>			76d	16-Jun-16	03-Oct-16	54d	28-Dec-16	16-Mar-17	11d	-112d								
715			76d	16-Jun-16	03-Oct-16	54d	28-Dec-16	16-Mar-17	11d	-112d									
716			76d	16-Jun-16	03-Oct-16	54d	28-Dec-16	16-Mar-17	11d	-112d									
717	SW260100	Registration of Pressure Vessels (Compressed Air / ASP)	20d	05-Sep-16	03-Oct-16	20d	06-Jan-17	06-Feb-17	0%	39d	-84d								
718	SW260120	Approval for installation of furnaces, ovens or chimneys	20d	24-Jun-16	22-Jul-16	20d	28-Dec-16*	25-Jan-17	0%	-35d	-128d								
719	SW260162	Chemical Waste Producer Registration (Plant)	20d	16-Jun-16	14-Jul-16	20d	17-Feb-17	16-Mar-17	0%	-41d	-168d								
720	<b>METHOD STATEMENT (M.S.) OF E &amp; M INSTALLATION WORKS (INCL. RE-SU)</b>			0d			75d	13-May-16 A	31-Jan-17	279d									
721	<b>Electrical &amp; Control Systems</b>			0d			71d	08-Jul-16 A	27-Jan-17	20d									
722			0d			71d	08-Jul-16 A	27-Jan-17	20d										
723			0d			71d	08-Jul-16 A	27-Jan-17	20d										
724	MS601100	Submit M.S. for Installation of HV Switchboard, HV/LV Transformer and Earthing Transformer	0d			0d		02-Dec-16*	0%	-57d									
725	MS601200	IC Certifies M.S. for Installation of HV Switchboard, HV/LV Transformer and Earthing Transformer	0d			46d	03-Dec-16	17-Jan-17	0%	-57d									
726	MS601400	Submit M.S. for Installation of LV Switchboard and MCC	0d			0d		02-Dec-16*	0%	-59d									
727	MS601500	IC Certifies M.S. for Installation of LV Switchboard and MCC	0d			46d	03-Dec-16	17-Jan-17	0%	-59d									
728	MS602100	IC Certifies M.S. for Installation of Emergency Genset	0d			27d	08-Jul-16 A	14-Dec-16	41.3%	11d									
729	MS602700	IC Certifies M.S. for Installation of Cable	0d			24d	27-Aug-16 A	11-Dec-16	47.83%	-60d									
730	MS603200	Submit M.S. for Installation of Control system (SCADA Panel/LCP)	0d			0d		02-Dec-16*	0%	-64d									
731	MS603300	IC Certifies M.S. for Installation of Control system (SCADA Panel/LCP)	0d			46d	03-Dec-16	17-Jan-17	0%	-64d									
732	MS603500	Submit M.S. for Installation of ELV System	0d			0d		09-Dec-16*	0%	20d									
733	MS603600	IC Certifies M.S. for Installation of ELV System	0d			46d	10-Dec-16	24-Jan-17	0%	20d									
734	MS603900	IC Certifies M.S. for Termination of Fiber Optic Cable	0d			35d	07-Sep-16 A	22-Dec-16	23.91%	32d									
735	MS604700	Submit M.S. for Installation of Earthing System	0d			0d		12-Dec-16*	0%	20d									
736	MS604800	IC Certifies M.S. for Installation of Earthing System	0d			46d	13-Dec-16	27-Jan-17	0%	20d									
737	MS619200	Submit M.S. for Installation of Instrument	0d			0d		12-Dec-16*	0%	-62d									
738	MS619300	IC Certifies M.S. for Installation of Instrument	0d			46d	13-Dec-16	27-Jan-17	0%	-62d									
739	<b>Mechanical and Piping</b>			0d			75d	25-Jun-16 A	31-Jan-17	279d									
740			0d			75d	25-Jun-16 A	31-Jan-17	279d										
741			0d			75d	25-Jun-16 A	31-Jan-17	279d										
742	MS611400	Submit M.S. for Installation of Biogas Storage Tank	0d			0d		07-Dec-16*	0%	-13d									
743	MS611500	IC Certifies M.S. for Installation of Biogas Storage Tank	0d			20d	08-Dec-16	27-Dec-16	0%	-13d									
744	MS612000	Submit M.S. for Installation of Weighbridge	0d			0d		07-Dec-16*	0%	10d									
745	MS612100	IC Certifies M.S. for Installation of Weighbridge	0d			20d	08-Dec-16	27-Dec-16	0%	10d									

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017				
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	
746	MS612300	Submit M.S. for Installation of Vehicle Washing System	0d			0d		25-Nov-16*	0%	3d										
747	MS612400	IC Certifies M.S. for Installation of Vehicle Washing System	0d			32d	26-Nov-16	27-Dec-16	0%	3d										
748	MS612750	Submit M.S. for Installation of Pipe Racks and Supports	0d			0d		30-Nov-16*	0%	-46d										
749	MS612800	IC Certifies M.S. for Installation of Pipe Racks and Supports	0d			20d	01-Dec-16	20-Dec-16	0%	-46d										
750	MS612802	Submit M.S. for Installation of Pipe Bridge	0d			0d		30-Nov-16*	0%	314d										
751	MS612804	IC Certifies M.S. for Installation of Pipe Bridge	0d			20d	01-Dec-16	20-Dec-16	0%	314d										
752	MS613180	IC Certifies M.S. for Installation of Composting System (Star Screen)	0d			0d	20-Sep-16A	17-Oct-16A	100%											
753	MS614800	IC Certifies M.S. for Installation of Pipeline	0d			20d	02-Aug-16A	07-Dec-16	56.52%	-48d										
754	MS615100	IC Certifies M.S. for Installation of Pumpset and Rotating Equipment	0d			27d	25-Jun-16A	14-Dec-16	41.3%	-56d										
755	MS616500	Submit M.S. for Installation of Mechanical Support and Structure	0d			0d		09-Dec-16*	0%	302d										
756	MS616600	IC Certifies M.S. for Installation of Mechanical Support and Structure	0d			30d	10-Dec-16	08-Jan-17	0%	302d										
757	MS618110	Submit M.S. for Installation of Electric Heater	0d			0d		07-Dec-16*	0%	20d										
758	MS618120	IC Certifies M.S. for Installation of Electric Heater	0d			17d	08-Dec-16	24-Dec-16	0%	20d										
759	MS618520	Submit M.S. for Installation of CHP & ASP Stack	0d			0d		07-Dec-16*	0%	15d										
760	MS618540	IC Certifies M.S. for Installation of CHP & ASP Stack	0d			15d	08-Dec-16	22-Dec-16	0%	15d										
761	MS618740	IC Certifies M.S. for Installation of Wastewater Treatment Plant (WWTP)	0d			53d	26-Aug-16A	09-Jan-17	0%	-31d										
762	MS618900	Submit M.S. for Installation of Lifting Appliance	0d			0d		16-Dec-16*	0%	-25d										
763	MS619000	IC Certifies M.S. for Installation of Lifting Appliance	0d			46d	17-Dec-16	31-Jan-17	0%	-25d										
764	MS619500	Submit M.S. for Installation of Tank	0d			0d		16-Dec-16*	0%	-43d										
765	MS619600	IC Certifies M.S. for Installation of Tank	0d			46d	17-Dec-16	31-Jan-17	0%	-43d										
766	MS619800	Submit M.S. for Labeling of Equipment, Valve and Instrument	0d			0d		30-Dec-16*	0%	-47d										
767	MS619900	IC Certifies M.S. for Labeling of Equipment, Valve and Instrument	0d			30d	31-Dec-16	29-Jan-17	0%	-47d										
768	<b>Building Services</b>		0d			71d	13-May-16A	27-Jan-17		-22d										
769			0d			71d	13-May-16A	27-Jan-17		-22d										
770			0d			71d	13-May-16A	27-Jan-17		-22d										
771	MSS25400	Submit M.S. for Installation of MVAC System	0d			0d		02-Dec-16*	0%	-12d										
772	MSS25500	IC Certifies M.S. for Installation of MVAC System	0d			46d	03-Dec-16	17-Jan-17	0%	-12d										
773	MSS26400	IC Certifies M.S. for Installation of Lift	0d			15d	13-May-16A	02-Dec-16	67.39%	-45d										
774	MSS26500	Submit M.S. for Installation of Lifting Platform	0d			0d		12-Dec-16*	0%	-45d										
775	MSS26600	IC Certifies M.S. for Installation of Lifting Platform	0d			46d	13-Dec-16	27-Jan-17	0%	-45d										
776	<b>E &amp; M INSTALLATION WORKS</b>		285d	15-Dec-15	30-Nov-16	142d	31-Aug-16A	16-May-17		189d	-131d									
777	<b>Waste Receiving, Storage and Feeding System</b>		120d	04-Feb-16	05-Jul-16	135d	04-Jul-16A	08-May-17		-35d	-248d									
778			120d	04-Feb-16	05-Jul-16	135d	04-Jul-16A	08-May-17		-35d	-248d									
779			120d	04-Feb-16	05-Jul-16	135d	04-Jul-16A	08-May-17		-35d	-248d									
780	EM100050	Runway support manufacturing and delivery	0d			0d	04-Jul-16A	27-Oct-16A	100%											
781	EM100100	Installation of Overhead Grabbing System (with Temp. Opening on slab)	24d	18-Apr-16	17-May-16	3d	03-Nov-16A	21-Nov-16	100%	-2d	-156d									
782	EM180250	Cable Tray Laying Works	18d	12-May-16	02-Jun-16	90d	03-Jan-17	25-Apr-17	0%	-35d	-265d									
783	EM180260	Local Control Panel / Switch	0d			75d	20-Jan-17	25-Apr-17	0%	-35d										
784	EM180300	Cabling Works	26d	03-Jun-16	05-Jul-16	75d	03-Feb-17	08-May-17	0%	-35d	-248d									
785	EM190100	Vehicle Washing System	50d	04-Feb-16	09-Apr-16	44d	03-Jan-17	25-Feb-17	0%	-1d	-263d									
786	EM190110	Bin Handling Machine	0d			50d	28-Dec-16	28-Feb-17	0%	15d										
787	EM190120	High Jet Water Spray Gun System	0d			50d	31-Dec-16	03-Mar-17	0%	15d										
788	EM190170	Waste Receiving System Pipework (with Supports)	0d			53d	05-Jan-17	10-Mar-17	0%	9d										
789	<b>Pre-Treatment System</b>		155d	04-Feb-16	15-Aug-16	108d	22-Nov-16	03-Apr-17		220d	-189d									
790			155d	04-Feb-16	15-Aug-16	108d	22-Nov-16	03-Apr-17		220d	-189d									
791			155d	04-Feb-16	15-Aug-16	108d	22-Nov-16	03-Apr-17		220d	-189d									
792	EM100150	Installation of Reception Hopper 1 and Screw Conveyors 1	18d	18-Apr-16	09-May-16	5d	24-Nov-16	29-Nov-16	0%	43d	-169d									
793	EM100200	Installation of Crusher No.1	12d	10-May-16	24-May-16	4d	22-Nov-16	25-Nov-16	0%	43d	-154d									
794	EM100250	Installation of Reception Hopper 2 and Screw Conveyors 2	12d	10-May-16	24-May-16	4d	28-Nov-16	01-Dec-16	0%	43d	-159d									
795	EM100300	Installation of Crusher No.2	18d	25-May-16	15-Jun-16	4d	24-Nov-16*	28-Nov-16	0%	51d	-138d									
796	EM100301	Installation of Piston Pump No.1	0d			4d	05-Dec-16	08-Dec-16	0%	46d										
797	EM100302	Installation of Piston Pump No.2	0d			3d	05-Dec-16	07-Dec-16	0%	43d										
798	EM100350	Installation of Central Sump Pump	18d	16-Jun-16	07-Jul-16	18d	05-Jan-17	25-Jan-17	0%	8d	-167d									
799	EM100351	Installation of Lobe Pump	0d			8d	09-Jan-17	17-Jan-17	0%	15d										

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017		
												Nov	Dec	Jan	Feb	Jan	Feb	
800	EM100352	Installation of Macerators	0d			7d	10-Jan-17*	17-Jan-17	0%	15d								
801	EM100353	Installation of Int. Suspension Buffer Tank Jet Mixer	0d			7d	10-Jan-17*	17-Jan-17	0%	15d								
802	EM100354	Installation of Bollfilter	0d			7d	10-Jan-17*	17-Jan-17	0%	15d								
803	EM100356	Installation of Centrifuge Pumps	0d			6d	11-Jan-17	17-Jan-17	0%	15d								
804	EM100358	Installation of Vertical Mixer	0d			18d	07-Jan-17*	27-Jan-17	0%	6d								
805	EM100362	Installation of Platform (Pre-treatment)	0d			24d	21-Jan-17	21-Feb-17	0%	-12d								
806	EM100364	Installation of Control Panels (Pre-treatment)	0d			19d	11-Feb-17	04-Mar-17	0%	-22d								
807	EM100370	Installation of Mixing Tank No.1	0d			5d	07-Dec-16*	12-Dec-16	0%	-1d								
808	EM100400	Installation of Sieve Drum No.1	28d	04-Feb-16	10-Mar-16	8d	07-Dec-16	15-Dec-16	0%	-1d	-229d							
809	EM100420	Installation of Mixing Tank No.2	0d			5d	07-Dec-16*	12-Dec-16	0%	306d								
810	EM100450	Installation of Sieve Drum No.2	28d	11-Mar-16	16-Apr-16	8d	07-Dec-16	15-Dec-16	0%	16d	-201d							
811	EM100500	Installation of Sand Grit Trap No 1	12d	18-Apr-16	30-Apr-16	8d	08-Dec-16	16-Dec-16	0%	10d	-190d							
812	EM100550	Installation of Sand Grit Trap No 2	12d	03-May-16	17-May-16	8d	08-Dec-16	16-Dec-16	0%	306d	-178d							
813	EM100600	Installation of Heavy/ Light Fraction Screw No 1	12d	18-May-16	31-May-16	7d	16-Dec-16	23-Dec-16	0%	-1d	-172d							
814	EM100650	Installation of Heavy/ Light Fraction Screw No 2	12d	01-Jun-16	15-Jun-16	8d	29-Dec-16	07-Jan-17	0%	-1d	-170d							
815	EM100660	Installation of Belt Conveyor	0d			8d	05-Jan-17	13-Jan-17	0%	-6d								
816	EM100670	Metal Separator No.1	0d			9d	09-Jan-17	18-Jan-17	0%	-6d								
817	EM100680	Metal Separator No.2	0d			9d	09-Jan-17	18-Jan-17	0%	-6d								
818	EM100700	Installation of Overhead Travelling Crane	18d	18-Apr-16	09-May-16	10d	20-Dec-16	03-Jan-17	0%	9d	-196d							
819	EM100720	Installation of Monorail (Crusher Area)	0d			8d	14-Jan-17*	23-Jan-17	0%	10d								
820	EM100780	Pre-treatment System Pipework (with Supports and Racks)	0d			27d	29-Dec-16*	02-Feb-17	0%	4d								
821	EM100781	Pre-treatment System Instrumentation and Control	0d			14d	14-Jan-17	02-Feb-17	0%	4d								
822	EM100782	Installation of Skip Rail Guide	0d			76d	22-Nov-16*	24-Feb-17	0%	-15d								
823	EM100800	Cable Tray Laying Work	92d	04-Feb-16	31-May-16	50d	16-Dec-16	18-Feb-17	0%	-47d	-215d							
824	EM100810	Local Control Panel / Switch	0d			25d	18-Jan-17	18-Feb-17	0%	-47d								
825	EM100850	Cabling Works	100d	16-Mar-16	19-Jul-16	50d	18-Jan-17	20-Mar-17	0%	-47d	-200d							
826	EM10095B	Remaining Cabling and Building Services Works on 1/F	75d	18-May-16	15-Aug-16	51d	03-Feb-17	03-Apr-17	0%	-47d	-189d							
827	Installation of Control Panels			41d	18-Apr-16	06-Jun-16	23d	14-Jan-17	13-Feb-17		-11d	-205d						
828	Installation of Control Panels			41d	18-Apr-16	06-Jun-16	23d	14-Jan-17	13-Feb-17		-11d	-205d						
829	EM101040	Installation of MCC Panels at Pre-treatment MCC Room	0d			18d	14-Jan-17	07-Feb-17	0%	-36d								
830	EM101050	Installation of Control and Package Panels at Pre-treatment MCC Room	41d	18-Apr-16	06-Jun-16	23d	14-Jan-17	13-Feb-17	0%	-11d	-205d							
831	Anaerobic Digestion Treatment System			179d	04-Feb-16	12-Sep-16	119d	11-May-16 A	13-Apr-17		-39d	-173d						
832	Anaerobic Digestion Treatment System			179d	04-Feb-16	12-Sep-16	119d	11-May-16 A	13-Apr-17		-39d	-173d						
833	Anaerobic Digestion Treatment System			179d	04-Feb-16	12-Sep-16	119d	11-May-16 A	13-Apr-17		-39d	-173d						
834	EM100750	Installation of Suspension buffer tank & Testing	32d	04-Feb-16	15-Mar-16	21d	01-Aug-16 A	12-Dec-16	87.21%	16d	-222d							
835	EM100760	Installation of Suspension buffer tank Insulation & Cladding	0d			27d	13-Dec-16*	16-Jan-17	0%	16d								
836	EM110100	Installation of Digester Tank No.1 & Testing	87d	29-Mar-16	13-Jul-16	0d	11-May-16 A	17-Oct-16 A	100%		-79d							
837	EM110110	Installation of Digester Tank No.1 Insulation & Cladding	0d			14d	18-Oct-16 A	03-Dec-16	0%	-47d								
838	EM110150	Installation of Digester Tank No.2 & Testing	87d	14-Apr-16	28-Jul-16	0d	11-May-16 A	14-Nov-16 A	100%		-90d							
839	EM110160	Installation of Digester Tank No.2 Insulation & Cladding	0d			46d	05-Dec-16*	02-Feb-17	0%	-47d								
840	EM110200	Installation of Digester Tank No.3 & Testing	87d	29-Apr-16	12-Aug-16	19d	25-Jul-16 A	09-Dec-16	81%	-38d	-99d							
841	EM110205	Installation of Digester Tank No.3 Insulation & Cladding	0d			46d	10-Dec-16*	08-Feb-17	0%	-38d								
842	EM110300	Installation of Pumping and Jet Mixing System	18d	03-Aug-16	23-Aug-16	79d	15-Dec-16	23-Mar-17	0%	-43d	-173d							
843	EM110310	Installation of Heat Exchangers	0d			53d	15-Dec-16*	21-Feb-17	0%	-43d								
844	EM110320	Installation of Overflow Tanks	0d			22d	19-Jan-17	16-Feb-17	0%	-17d								
845	EM110330	Installation of Pressure Relief Valves	0d			30d	15-Dec-16*	21-Jan-17	0%	17d								
846	EM110350	Installation of Odour Extraction Ductworks	39d	29-Jul-16	12-Sep-16	39d	03-Dec-16	20-Jan-17	0%	-3d	-106d							
847	EM110400	Installation of Intermediate Digestate Tank	12d	24-Aug-16	06-Sep-16	12d	01-Feb-17	14-Feb-17	0%	-5d	-129d							
848	EM110405	Installation of Racks and Supports (AD Area - Pipe Rack 1,3,4)	0d			85d	21-Dec-16	06-Apr-17	0%	-39d								
849	EM110408	Installation of Monorail (Suspension Buffer Pump Room)	0d			30d	01-Feb-17	07-Mar-17	0%	-8d								
850	EM110410	Anaerobic Digestion Treatment System Pipework	0d			90d	22-Dec-16	13-Apr-17	0%	-43d								
851	EM110420	Cable Tray Laying Work	92d	06-Apr-16	26-Jul-16	55d	08-Feb-17	13-Apr-17	0%	-43d	-214d							
852	Installation of Control Panels			39d	29-Mar-16	16-May-16	23d	03-Jan-17	01-Feb-17		21d	-213d						



#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016		2017	
												Nov	Dec	Jan	Feb
853			39d	29-Mar-16	16-May-16	23d	03-Jan-17	01-Feb-17		21d	-213d				
854	EM110490	Installation of MCC Panels at AD MCC Room	0d			18d	03-Jan-17	23-Jan-17	0%						Installation of MCC Panels at AD MCC Room
855	EM110500	Installation of Control and Package Panels at AD MCC Room	39d	29-Mar-16	16-May-16	23d	03-Jan-17	01-Feb-17	0%	21d	-213d				Installation of Control and
856	<b>Heat Recovery and Power Generation System</b>		126d	04-Jul-16	30-Nov-16	113d	14-Sep-16 A	06-Apr-17		14d	-102d				
857			126d	04-Jul-16	30-Nov-16	113d	14-Sep-16 A	06-Apr-17		14d	-102d				
858			126d	04-Jul-16	30-Nov-16	113d	14-Sep-16 A	06-Apr-17		14d	-102d				
859	EM120100	Installation of Combine Heat Power System no 1 (Summary)	39d	04-Jul-16	17-Aug-16	35d	14-Sep-16 A	30-Dec-16	53.33%	5d	-111d				Installation of Combine Heat Power System no 1 (Summary)
860	EM120150	Installation of Combine Heat Power System no 2 (Summary)	40d	18-Aug-16	05-Oct-16	35d	14-Sep-16 A	30-Dec-16	53.33%	5d	-71d				Installation of Combine Heat Power System no 2 (Summary)
861	EM120200	Installation of Combine Heat Power System no 3 (Summary)	40d	06-Oct-16	22-Nov-16	35d	14-Sep-16 A	30-Dec-16	53.33%	5d	-31d				Installation of Combine Heat Power System no 3 (Summary)
862	EM120220	Installation of Combine Heat Power System Accessories no. 1 to 3	0d			26d	29-Nov-16*	30-Dec-16	0%	5d					Installation of Combine Heat Power System Accessories no. 1 to 3
863	EM120260	Installation of CHP Stack	0d			26d	12-Jan-17	14-Feb-17	0%	-4d					Installation of CHP Stack
864	EM120320	Heat Recovery and Power Generation System Pipework	0d			78d	31-Dec-16	06-Apr-17	0%	14d					Heat Recovery and Power Generation System Pipework
865	EM120350	Installation of Continuous Emissions Monitoring System (CEMS)	26d	01-Nov-16	30-Nov-16	26d	18-Jan-17	20-Feb-17	0%	31d	-64d				Installation of Continuous Emissions Monitoring System (CEMS)
866	EM120400	Cable Tray Laying Works	26d	01-Nov-16	30-Nov-16	14d	12-Dec-16*	29-Dec-16	0%	31d	-23d				Cable Tray Laying Works
867	EM120410	Local Control Panel / Switch	0d			15d	30-Dec-16	17-Jan-17	0%	31d					Local Control Panel / Switch
868	EM120450	Cabling Works	39d	17-Oct-16	30-Nov-16	20d	18-Jan-17	13-Feb-17	0%	31d	-58d				Cabling Works
869	<b>Installation of Control Panels</b>		0d			23d	18-Jan-17	16-Feb-17		16d					
870			0d			23d	18-Jan-17	16-Feb-17		16d					
871	EM19011H	Installation of MCC Panels at Heat Recovery & CHP MCC Rooms	0d			18d	18-Jan-17	10-Feb-17	0%	-33d					Installation of MCC Panels at Heat Recovery & CHP MCC Rooms
872	EM19021H	Installation of Control and Package Panels at Heat Recovery & CHP MCC Rooms	0d			23d	18-Jan-17	16-Feb-17	0%	16d					Installation of Control and Package Panels at Heat Recovery & CHP MCC Rooms
873	<b>Biogas Cleaning and Storage System</b>		95d	02-Jul-16	24-Oct-16	119d	22-Sep-16 A	13-Apr-17		-7d	-140d				
874			95d	02-Jul-16	24-Oct-16	119d	22-Sep-16 A	13-Apr-17		-7d	-140d				
875			95d	02-Jul-16	24-Oct-16	119d	22-Sep-16 A	13-Apr-17		-7d	-140d				
876	EM130100	Installation of Bio Gas Cleaning System no.1 (Desulphurisation)	26d	02-Jul-16	01-Aug-16	31d	22-Sep-16 A	23-Dec-16	70%	34d	-121d				Installation of Bio Gas Cleaning System no.1 (Desulphurisation)
877	EM130150	Installation of Bio Gas Cleaning System no.2 (Desulphurisation)	26d	02-Aug-16	31-Aug-16	31d	22-Sep-16 A	23-Dec-16	70%	23d	-95d				Installation of Bio Gas Cleaning System no.2 (Desulphurisation)
878	EM130200	Installation of Bio Gas Storage Tank	26d	01-Sep-16	03-Oct-16	27d	03-Jan-17	06-Feb-17	0%	-13d	-101d				Installation of Bio Gas Storage Tank
879	EM130350	Biogas Cleaning and Storage System Pipework	31d	15-Sep-16	24-Oct-16	66d	23-Jan-17	13-Apr-17	0%	-19d	-140d				Biogas Cleaning and Storage System Pipework
880	EM130400	Cable Tray Laying Works	39d	01-Sep-16	19-Oct-16	60d	31-Dec-16	16-Mar-17	0%	17d	-120d				Cable Tray Laying Works
881	EM130410	Local Control Panel / Switch	0d			25d	10-Feb-17	10-Mar-17	0%	17d					Local Control Panel / Switch
882	<b>Biogas Distribution System</b>		57d	02-Jul-16	06-Sep-16	112d	21-Sep-16 A	04-Apr-17		-3d	-171d				
883			57d	02-Jul-16	06-Sep-16	112d	21-Sep-16 A	04-Apr-17		-3d	-171d				
884			57d	02-Jul-16	06-Sep-16	112d	21-Sep-16 A	04-Apr-17		-3d	-171d				
885	EM130250	Installation of Standby Flaring Gas Unit	18d	02-Jul-16	22-Jul-16	10d	21-Sep-16 A	29-Nov-16	90%	-10d	-108d				Installation of Standby Flaring Gas Unit
886	EM130260	Installation of Biogas Blowers	18d	02-Jul-16	22-Jul-16	10d	26-Sep-16 A	29-Nov-16	90%	68d	-108d				Installation of Biogas Blowers
887	EM130270	Installation of Biogas Cooling and Condensate Removal System	18d	02-Jul-16	22-Jul-16	30d	05-Jan-17	11-Feb-17	0%	30d	-166d				Installation of Biogas Cooling and Condensate Removal System
888	EM130272	Installation of Racks and Supports (Biogas Area - Pipe Rack 2)	0d			72d	30-Dec-16	28-Mar-17	0%	-15d					Installation of Racks and Supports (Biogas Area - Pipe Rack 2)
889	EM130275	Biogas Distribution System Pipework	0d			50d	06-Feb-17	04-Apr-17	0%	-12d					Biogas Distribution System Pipework
890	EM130278	Carbon Filters	0d			28d	23-Sep-16 A	20-Dec-16	80%	81d					Carbon Filters
891	EM130280	Cable Tray Laying Works	39d	23-Jul-16	06-Sep-16	30d	06-Feb-17	11-Mar-17	0%	6d	-151d				Cable Tray Laying Works
892	<b>Installation of Control Panels</b>		0d			23d	01-Feb-17	27-Feb-17		11d					
893			0d			23d	01-Feb-17	27-Feb-17		11d					
894	EM19011G	Installation of MCC Panels at Biogas MCC Rooms	0d			18d	01-Feb-17	21-Feb-17	0%	-42d					Installation of MCC Panels at Biogas MCC Rooms
895	EM19021G	Installation of Control and Package Panels at Biogas MCC Rooms	0d			23d	01-Feb-17	27-Feb-17	0%	11d					Installation of Control and Package Panels at Biogas MCC Rooms
896	<b>Wastewater Treatment System</b>		104d	04-Feb-16	15-Jun-16	130d	23-Sep-16 A	29-Apr-17		-27d	-259d				
897			88d	26-Feb-16	15-Jun-16	130d	23-Sep-16 A	29-Apr-17		-27d	-259d				
898			88d	26-Feb-16	15-Jun-16	130d	23-Sep-16 A	29-Apr-17		-27d	-259d				
899	EM140100	Installation of Pumping System and associated pipework	40d	26-Feb-16	16-Apr-16	40d	19-Jan-17	09-Mar-17	0%	-31d	-267d				Installation of Pumping System and associated pipework
900	EM140300	Installation of Ammonia Stripping Plant	51d	14-Apr-16	15-Jun-16	52d	23-Sep-16 A	20-Jan-17	7.86%	-26d	-181d				Installation of Ammonia Stripping Plant
901	EM140330	Wastewater Treatment System Pipework	0d			74d	26-Jan-17	29-Apr-17	0%	-30d					Wastewater Treatment System Pipework
902	EM140340	Primary Sedimentation Tank (Conical Tank)	0d			20d	01-Feb-17*	23-Feb-17	0%	25d					Primary Sedimentation Tank (Conical Tank)
903	EM140345	Installation of ASP Stack	0d			26d	21-Jan-17	23-Feb-17	0%	-12d					Installation of ASP Stack
904	EM140348	Diesel Tank Installation (ASP)	0d			23d	21-Jan-17	20-Feb-17	0%	-20d					Diesel Tank Installation (ASP)
905	EM140350	Cable Tray Laying Works	21d	18-Apr-16	12-May-16	60d	06-Feb-17	20-Apr-17	0%	-31d	-278d				Cable Tray Laying Works
906	<b>Installation of Control Panels</b>		41d	04-Feb-16	29-Mar-16	24d	19-Jan-17	18-Feb-17		-8d	-266d				
907			41d	04-Feb-16	29-Mar-16	24d	19-Jan-17	18-Feb-17		-8d	-266d				
908	EM170240	Installation of MCC Panels at WWTP MCC Room	0d			18d	19-Jan-17	11-Feb-17	0%	-40d					Installation of MCC Panels at WWTP MCC Room
909	EM170250	Installation of Control and Package Panels at WWTP MCC Room	41d	04-Feb-16	29-Mar-16	24d	19-Jan-17	18-Feb-17	0%	-8d	-266d				Installation of Control and Package Panels at WWTP MCC Room
910	<b>Composting System</b>		144d	24-May-16	12-Nov-16	104d	23-Sep-16 A	25-Mar-17		227d	-108d				
911	Installation of Tunnel Composting 1 to 6		51d	22-Aug-16	22-Oct-16	71d	23-Sep-16 A	15-Feb-17		51d	-93d				Installation of Tunnel Composting 1 to 6

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017			
												Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
912	EM160120	Installation of Tiles	51d	22-Aug-16	22-Oct-16	71d	23-Sep-16 A	15-Feb-17	65%	51d	-93d								
913	EM160150	Installation of Water Spraying System / Pipework	51d	22-Aug-16	22-Oct-16	42d	22-Dec-16*	15-Feb-17	0%	51d	-93d								
914	EM160160	Installation of Composting Pipework Instrumentation and Control	0d			22d	18-Jan-17	15-Feb-17	0%	51d									
915	EM160201	Installation of Tunnel Doors	0d			24d	16-Jan-17*	15-Feb-17	0%	51d									
916	EM160203	Installation of Heat Exchanger, High Pressure Fans, Hot Water Pumps	0d			26d	08-Dec-16	10-Jan-17	0%	79d									
917	EM160203	Installation of Heat Exchanger, High Pressure Fans, Hot Water Pumps	0d			26d	08-Dec-16	10-Jan-17	0%	79d									
918	Installation of Leachate Treatment System			18d	24-Oct-16	12-Nov-16	60d	29-Dec-16	13-Mar-17	29d	-97d								
919	EM160200	Installation of Leachate Treatment System / Pipework	18d	24-Oct-16	12-Nov-16	60d	29-Dec-16	13-Mar-17	0%	29d	-97d								
920	EM160210	Leachate Pump Chamber, Pump Installation	0d			45d	05-Jan-17	01-Mar-17	0%	39d									
921	EM160210	Leachate Pump Chamber, Pump Installation	0d			45d	05-Jan-17	01-Mar-17	0%	39d									
922	Installation of Maturation Area			102d	24-May-16	22-Sep-16	96d	28-Sep-16 A	16-Mar-17	235d	-142d								
923	EM160250	Installation of Air Extraction System / Ductwork (Maturation Area)	18d	22-Aug-16	10-Sep-16	66d	12-Dec-16	04-Mar-17	0%	245d	-141d								
924	EM160300	Installation of Star Screen Unit	9d	12-Sep-16	22-Sep-16	7d	14-Nov-16 A	25-Nov-16	63.16%	157d	-53d								
925	EM160400	Installation of Mixing Unit	2d	24-May-16	25-May-16	25d	16-Feb-17*	16-Mar-17	0%	86d	-242d								
926	EM160450	Cable Tray Laying Works	9d	26-May-16	04-Jun-16	59d	28-Sep-16 A	01-Feb-17	1.67%	63d	-196d								
927	EM160460	Local Control Panel / Switch	0d			20d	06-Jan-17	01-Feb-17	0%	63d									
928	EM160500	Cabling Works	12d	06-Jun-16	20-Jun-16	45d	05-Dec-16	01-Feb-17	0%	63d	-184d								
929	EM160500	Cabling Works	12d	06-Jun-16	20-Jun-16	45d	05-Dec-16	01-Feb-17	0%	63d	-184d								
930	Installation of Structurant Storage Area			38d	24-May-16	08-Jul-16	66d	28-Dec-16	18-Mar-17	18d	-208d								
931	EM160550	Installation of Air Extraction System / Ductwork (Structurant Storage Area)	26d	24-May-16	23-Jun-16	66d	28-Dec-16*	18-Mar-17	0%	18d	-220d								
932	EM160650	Cable Tray Laying Works	12d	24-Jun-16	08-Jul-16	36d	26-Jan-17	13-Mar-17	0%	18d	-202d								
933	EM160650	Cable Tray Laying Works	12d	24-Jun-16	08-Jul-16	36d	26-Jan-17	13-Mar-17	0%	18d	-202d								
934	Installation of Digestate Dewatering System			60d	16-Jul-16	24-Sep-16	104d	28-Sep-16 A	25-Mar-17	18d	-148d								
935	EM160620	Installation of Monorail (Dewatering)	0d			10d	28-Dec-16	09-Jan-17	0%	37d									
936	EM160750	Installation of Centrifuges	9d	16-Jul-16	26-Jul-16	10d	30-Dec-16*	11-Jan-17	0%	11d	-139d								
937	EM160754	Installation of Platform (Dewatering Area)	0d			25d	19-Jan-17	20-Feb-17	0%	-1d									
938	EM160760	Installation of Polymer Storage Tank	0d			18d	31-Dec-16	21-Jan-17	0%	20d									
939	EM160764	Installation of Polymer Feed Pumps	0d			18d	23-Jan-17	15-Feb-17	0%	2d									
940	EM160900	Installation of Centrate Tank	4d	17-Aug-16	20-Aug-16	18d	28-Dec-16	18-Jan-17	0%	-1d	-123d								
941	EM160970	Digestate Dewatering System Pipework (with Supports)	0d			45d	26-Jan-17	22-Mar-17	0%	-1d									
942	EM161000	Cable Tray Laying Work	43d	22-Jul-16	09-Sep-16	59d	28-Sep-16 A	01-Feb-17	1.67%	63d	-115d								
943	EM161010	Local Control Panel / Switch	0d			20d	06-Jan-17	01-Feb-17	0%	63d									
944	EM161050	Cabling Works	43d	05-Aug-16	24-Sep-16	45d	02-Feb-17	25-Mar-17	0%	18d	-148d								
945	EM161050	Cabling Works	43d	05-Aug-16	24-Sep-16	45d	02-Feb-17	25-Mar-17	0%	18d	-148d								
946	Installation of Control Panels			39d	24-May-16	09-Jul-16	24d	21-Dec-16	20-Jan-17	70d	-161d								
947	EM161140	Installation of MCC Panels at Composting MCC Rooms	0d			18d	21-Dec-16	13-Jan-17	0%	58d									
948	EM161150	Installation of Control and Package Panels at Composting MCC Rooms	39d	24-May-16	09-Jul-16	24d	21-Dec-16	20-Jan-17	0%	70d	-161d								
949	EM161155	Installation of MCC Panels at Dewatering MCC Rooms	0d			18d	21-Dec-16	13-Jan-17	0%	40d									
950	EM161160	Installation of Control and Package Panels at Dewatering MCC Rooms	0d			24d	21-Dec-16	20-Jan-17	0%	70d									
951	EM161160	Installation of Control and Package Panels at Dewatering MCC Rooms	0d			24d	21-Dec-16	20-Jan-17	0%	70d									
952	Centralized Air Pollution Control System			108d	18-Apr-16	25-Aug-16	123d	21-Jul-16 A	21-Apr-17	-39d	-192d								
953	EM150100	Installation of Chemical Scrubber in Building 1	26d	18-Apr-16	19-May-16	26d	20-Dec-16	21-Jan-17	0%	-17d	-204d								
954	EM150150	Installation of Dosing Pumps and associated pipeworks in Building 1	26d	28-Apr-16	30-May-16	20d	08-Feb-17	02-Mar-17	0%	-48d	-226d								
955	EM150200	Installation of Activated Carbon Filter in Building 1	26d	31-May-16	30-Jun-16	26d	20-Dec-16	21-Jan-17	0%	31d	-169d								
956	EM150250	Installation of Odour Extraction Duct Work, Associated Accessories and Stack Unit in Building 1	77d	26-May-16	25-Aug-16	62d	04-Feb-17	21-Apr-17	0%	-39d	-192d								
957	EM150305	Air Extraction Fans in Building 1	0d			35d	20-Dec-16	04-Feb-17	0%	22d									
958	EM150310	Wet Scrubber, Venturi Scrubber, Air Extraction Fans in Building 2	0d			25d	21-Jul-16 A	16-Dec-16	72.22%	1d									
959	EM150315	Installation of Odour Extraction Duct Work & Associated Accessories in Building 2	0d			66d	12-Dec-16*	04-Mar-17	0%	-2d									
960	EM150317	Installation of CAPCS Instrumentation and Control in Building 2	0d			22d	08-Feb-17	04-Mar-17	0%	-2d									
961	EM150320	Installation of Odour Extraction Duct Work & Associated Accessories in AD Tank Area	0d			40d	17-Feb-17	04-Apr-17	0%	-28d									
962	EM150350	Cable Tray Laying Works	34d	20-May-16	29-Jun-16	35d	23-Dec-16	08-Feb-17	0%	7d	-182d								
963	EM150360	Local Control Panel / Switch	0d			25d	07-Jan-17	08-Feb-17	0%	13d									
964	EM150400	Cabling Works	26d	30-Jun-16	30-Jul-16	35d	10-Jan-17	22-Feb-17	0%	7d	-168d								
965	EM150400	Cabling Works	26d	30-Jun-16	30-Jul-16	35d	10-Jan-17	22-Feb-17	0%	7d	-168d								
966	EM150400	Cabling Works	26d	30-Jun-16	30-Jul-16	35d	10-Jan-17	22-Feb-17	0%	7d	-168d								
967	Process Utilities (Compressed Air, Process Water, Process Clean Water)			0d			72d	31-Dec-16	29-Mar-17	4d									

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017	
												Nov	Dec	Jan	Feb		
968			0d			72d	31-Dec-16	29-Mar-17		4d							
969			0d			72d	31-Dec-16	29-Mar-17		4d							
970	EM210150	Installation of Compressed Air System	0d			54d	31-Dec-16	08-Mar-17	0%	-10d							
971	EM210160	Air Compressor Installation in Building 1	0d			22d	24-Jan-17	21-Feb-17	0%	-29d							
972	EM210170	Compressed Air Pipework (All Buildings)	0d			45d	24-Jan-17	20-Mar-17	0%	-19d							
973	EM210200	Installation of Process Water System	0d			16d	17-Jan-17	07-Feb-17	0%	-51d							
974	EM210210	Process Water Pump Installation in Building 1 Pre-treatment Plant	0d			20d	05-Jan-17	27-Jan-17	0%	-45d							
975	EM210220	Process Water Pipework Installation (All Buildings)	0d			35d	05-Jan-17	17-Feb-17	0%	-44d							
976	EM210230	Process Water Instrumentation and Control Installation (All Buildings)	0d			15d	01-Feb-17	17-Feb-17	0%	-44d							
977	EM210260	Process Clean Water Pump Installation in Building 1	0d			24d	15-Feb-17	14-Mar-17	0%	-47d							
978	EM210270	Process Clean Water Pipework Installation (All Buildings)	0d			45d	18-Jan-17	14-Mar-17	0%	-47d							
979	EM210300	Cable Tray Laying Works	0d			50d	20-Jan-17	22-Mar-17	0%	4d							
980	EM210350	Cabling Works	0d			40d	11-Feb-17	29-Mar-17	0%	4d							
981	<b>Hot Water System</b>			39d	29-Aug-16	15-Oct-16	74d	21-Dec-16	23-Mar-17		-29d	-130d					
982			39d	29-Aug-16	15-Oct-16	74d	21-Dec-16	23-Mar-17		-29d	-130d						
983			39d	29-Aug-16	15-Oct-16	74d	21-Dec-16	23-Mar-17		-29d	-130d						
984	EM120300	Installation of Electric Boiler / Heater	39d	29-Aug-16	15-Oct-16	15d	28-Dec-16*	14-Jan-17	0%	14d	-75d						
985	EM210100	Installation of Hot Water Pumps	0d			22d	10-Jan-17	07-Feb-17	0%	-41d							
986	EM210105	Installation of Hot Water Piping	0d			48d	24-Jan-17	23-Mar-17	0%	-41d							
987	EM210115	Installation of Break Tank	0d			40d	10-Jan-17	28-Feb-17	0%	-21d							
988	EM210120	Installation of Magnetic Filter	0d			28d	24-Jan-17	28-Feb-17	0%	-29d							
989	EM210130	Installation of Soft Water System	0d			48d	21-Dec-16*	21-Feb-17	0%	-3d							
990	<b>Building Services Installation</b>			90d	18-Apr-16	04-Aug-16	142d	24-Jun-16 A	16-May-17		-13d	-229d					
991	Building #1 (Waste Receiving, Pre-treatment & Admin. Building)			0d			110d	28-Dec-16	16-May-17		-40d						
992			0d			110d	28-Dec-16	16-May-17		-40d							
993	EMBS1100	Building #1 MVAC System	0d			67d	28-Dec-16	20-Mar-17	0%	-22d							
994	EMBS1150	Building #1 Fire Services System	0d			80d	28-Dec-16	04-Apr-17	0%	-35d							
995	EMBS1200	Building #1 Plumbing & Drainage System / Solar Hot Water System	0d			45d	28-Dec-16	22-Feb-17	0%	-17d							
996	EMBS1250	Building #1 BS Installation of Central Control Room at M/F Grid 11-13/M-N	0d			60d	31-Dec-16	15-Mar-17	0%	-37d							
997	EMBS1300	Building #1 Lighting and Electrical Installation	0d			90d	21-Jan-17	16-May-17	0%	-40d							
998	Building #1 (Administration Offices & Visitor Areas)			90d	18-Apr-16	04-Aug-16	94d	26-Oct-16 A	06-Apr-17		-36d	-200d					
999			90d	18-Apr-16	04-Aug-16	94d	26-Oct-16 A	06-Apr-17		-36d	-200d						
1000	EM17010B	Building Service Installation of Administration Offices	37d	18-Apr-16	01-Jun-16	53d	26-Oct-16 A	10-Mar-17	0%	-34d	-231d						
1001	EM17012B	Lift Installation of Administration Offices	60d	25-May-16	04-Aug-16	80d	10-Dec-16	20-Mar-17	0%	-45d	-186d						
1002	EM17013B	Lifting Platform Installation	0d			55d	01-Feb-17	06-Apr-17	0%	-36d							
1003	Building #2 (Composting & Maturation Building)			0d			112d	24-Jun-16 A	04-Apr-17		-41d						
1004			0d			112d	24-Jun-16 A	04-Apr-17		-41d							
1005	EMBS2000	Building #2 MVAC System	0d			46d	08-Aug-16 A	09-Feb-17	16.94%	-9d							
1006	EMBS2050	Building #2 Fire Services System	0d			44d	24-Jun-16 A	22-Feb-17	50.58%	-43d							
1007	EMBS2100	Building #2 Plumbing & Drainage System	0d			60d	26-Jul-16 A	02-Feb-17	20.45%	-3d							
1008	EMBS2150	Building #2 Lighting and Electrical Installation	0d			60d	21-Jan-17	04-Apr-17	0%	-41d							
1009	Building #3 (Energy Centre)			0d			70d	20-Sep-16 A	28-Feb-17		15d						
1010			0d			70d	20-Sep-16 A	28-Feb-17		15d							
1011	EMBS3000	Building #3 MVAC System	0d			23d	21-Sep-16 A	14-Feb-17	1.47%	-20d							
1012	EMBS3050	Building #3 Fire Services System	0d			60d	20-Sep-16 A	22-Feb-17	0.79%	-43d							
1013	EMBS3100	Building #3 Plumbing & Drainage System	0d			60d	13-Dec-16	27-Feb-17	0%	-15d							
1014	EMBS3150	Building #3 Lighting and Electrical Installation	0d			70d	02-Dec-16	28-Feb-17	0%	15d							
1015	Anaerobic Digesters Area			0d			68d	30-Dec-16	23-Mar-17		-25d						
1016			0d			68d	30-Dec-16	23-Mar-17		-25d							
1017	EMBS4000	Anaerobic Digesters Area MVAC System	0d			45d	16-Jan-17	11-Mar-17	0%	-31d							
1018	EMBS4050	Anaerobic Digesters Area Fire Services System	0d			45d	04-Jan-17	28-Feb-17	0%	-5d							
1019	EMBS4100	Anaerobic Digesters Area Plumbing & Drainage System	0d			50d	30-Dec-16	02-Mar-17	0%	-24d							
1020	EMBS6060	Anaerobic Digesters Area Lighting & Electrical System	0d			50d	21-Jan-17	23-Mar-17	0%	-36d							
1021	Biogas Cleaning & Storage Tank, Desulphurization/Biogas Plant Rm., Desulphurization Tank			0d			57d	21-Jan-17	31-Mar-17		20d						
1022			0d			57d	21-Jan-17	31-Mar-17		20d							
1023	EMBS5000	Biogas Area MVAC System	0d			30d	02-Feb-17	08-Mar-17	0%	-12d							
1024	EMBS5050	Biogas Area Fire Services System	0d			21d	21-Jan-17	17-Feb-17	0%	-48d							

#	Activity ID	Activity Name	BL Project Duration	BL Project Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float	Variance - BL Project Finish Date	2016				2017	
												Nov	Dec	Jan	Feb	Jan	Feb
1025	EMBS5100	Biogas Area Plumbing & Drainage System	0d			21d	21-Jan-17	17-Feb-17	0%	-48d							
1026	EMBS6070	Biogas Area Lighting & Electrical System	0d			50d	02-Feb-17	31-Mar-17	0%	20d							
1027	<b>General</b>		212d	15-Dec-15	02-Sep-16	119d	31-Aug-15 A	13-Apr-17		10d	-181d						
1028	Transformer Room (by OSCAR)		0d			44d	24-Nov-16	17-Jan-17		-51d							
1029	EM190600	Building services installation in Transformer Room	0d			44d	24-Nov-16	17-Jan-17		-51d							
1030	EM190620	Install 11kV / 380V Transformers and cables	0d			37d	24-Nov-16	09-Jan-17	0%	-51d							
1031	EM190640	11kV Switchgear and cables Installation	0d			44d	24-Nov-16	17-Jan-17	0%	-51d							
1032	Electrical, Instrumentation & Control		212d	15-Dec-15	02-Sep-16	119d	31-Aug-15 A	13-Apr-17		10d	-181d						
1033	EM190150	Instrumentation, Control & Monitoring System (SCADA/PLC)	103d	18-Apr-16	19-Aug-16	70d	18-Jan-17	13-Apr-17	0%	-52d	-193d						
1034	EM19021B	Installation of Main LV Switch Board	100d	18-Apr-16	16-Aug-16	32d	21-Dec-16	02-Feb-17	0%	-52d	-137d						
1035	EM190220	Cabling works (from Main LVSB to MCC)	0d			45d	19-Jan-17	15-Mar-17	0%	-52d							
1036	EM19022B	Cables and Accessories, Cable Containment System Installation	115d	18-Apr-16	02-Sep-16	96d	13-Dec-16	11-Apr-17	0%	-52d	-179d						
1037	EM19023B	Earthing and Lightning System Installation	210d	15-Dec-15	31-Aug-16	90d	31-Aug-15 A	09-Mar-17	73%	8d	-154d						
1038	EM19024D	Diesel Tank Installation (Genset)	0d			20d	01-Feb-17	23-Feb-17	0%	-31d							
1039	EM19030B	ELV System Installation	60d	22-Jun-16	31-Aug-16	60d	01-Feb-17	12-Apr-17	0%	11d	-182d						
1040	General		0d			108d	30-Nov-16	12-Apr-17		-33d							
1041	EM19065B	Pipe Bridge (AD Link to Building 1 & 2 - Pipe Crossing 1 & 2)	0d			47d	16-Feb-17	12-Apr-17	0%	-47d							
1042	EM200060	Lifting Appliances, Monorail	0d			45d	01-Feb-17	24-Mar-17	0%	-18d							
1043	EM200070	Roller Shutters (Local)	0d			45d	30-Nov-16	24-Jan-17	0%	30d							
1044	EM200080	Roller Shutters (UK)	0d			45d	11-Jan-17	07-Mar-17	0%	-3d							
1045	Energisation of Switchboards		1d	28-Jul-16	28-Jul-16	35d	03-Feb-17	15-Mar-17		27d	-188d						
1046	EN100050	Energisation of Switchboard (Transformer Room)	0d			1d	03-Feb-17	03-Feb-17	0%	-52d							
1047	EN100100	Energisation of Switchboard (Main LV Switchroom)	1d	28-Jul-16	28-Jul-16	1d	08-Feb-17	08-Feb-17	0%	-42d	-158d						
1048	EN100150	Energisation of MCC (For Anaerobic Digestion System)	1d	28-Jul-16	28-Jul-16	12d	08-Feb-17	21-Feb-17	0%	-20d	-169d						
1049	EN100250	Energisation of MCC (For Composting System)	1d	28-Jul-16	28-Jul-16	24d	16-Feb-17	15-Mar-17	0%	27d	-188d						
1050	EN100280	Energisation of MCC (For Dewatering System)	0d			24d	16-Feb-17	15-Mar-17	0%	9d							
1051	EN100400	Energisation of MCC (For Heat Recovery and Power Generation System)	0d			12d	08-Feb-17	21-Feb-17	0%	-36d							
1052	EN100450	Energisation of MCC (For Biogas Storage and Cleaning System)	0d			12d	15-Feb-17	28-Feb-17	0%	-42d							
1053	<b>TESTING AND COMMISSIONING</b>		0d			16d	08-Feb-17	25-Feb-17		-51d							
1054	Site Acceptance Test (SAT) - incl. hydraulic testing & pipe pressure testing (with ER)		0d			16d	08-Feb-17	25-Feb-17		-51d							
1055	TC100320	SAT of Process Water + Recycling	0d			16d	08-Feb-17	25-Feb-17	0%	-51d							