

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Waste Treatment Facilities
Phase 1:
*Fifth Quarterly EM&A Summary
Report*

1 June 2016 - 31 August 2016

Environmental Resources Management

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Meinhardt Infrastructure and Environment Limited

**Organic Waste Treatment Facilities,
Phase I**

5th Quarterly EM&A Summary Report
(1 June 2016 – 31 August 2016)

(September 2016)

Verified by: _____ Helen Cochrane



Position: Independent Environmental Checker

Date: _____ 30 Sep. 16

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Reference 0279222

| | |
|---|--|
| For and on behalf of ERM-Hong Kong, Limited | |
| Approved by: | Frank Wan |
| Signed: |  |
| Position: | Partner |
| Certified by: |  |
| | (Environmental Team Leader - Mandy To) |
| Certified by: |  |
| | (Registered Landscape Architect No. R-150 - Albert Chung) |
| Date: | 28 September 2016 |

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ERM-Hong Kong, Limited (ERM) was appointed by OSCAR Bioenergy Joint Venture (the Contractor) as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) programme for the *Contract No. EP/SP/61/10 of Organic Waste Treatment Facilities Phase I (the Project)*.

1.1 **PURPOSE OF THE REPORT**

This is the fifth quarterly EM&A summary report, which summarizes the impact monitoring results and audit findings for the EM&A programme during the reporting period from **1 June 2016 to 31 August 2016**.

1.2 **STRUCTURE OF THE REPORT**

The structure of the report is as follows:

Section 1 : **Introduction**

It details the scope and structure of the report.

Section 2 : **Project Information**

It summarises background and scope of the Project, site description, project organization, construction programme, the construction works undertaken and the status of Environmental Permits (EP)/licences over the construction phase of the Project.

Section 3 : **Environmental Monitoring Requirements**

It summarises the environmental monitoring including monitoring parameters, monitoring programmes, monitoring frequency, monitoring locations, Action and Limit Levels, Event/ Action Plans, environmental mitigation measures as recommended in the approved EIA report, EP and relevant environmental requirements stated in the Contract Specification.

Section 4 : **Implementation Status on Environmental Mitigation Measures**

It summarises the implementation of environmental protection measures during the reporting period.

Section 5 : **Waste Management**

It summarises the quantity of public fill and construction waste generated in the reporting period

Section 6 : **Environmental Site Inspection**

It summarises the audit findings of the weekly site inspections undertaken within the reporting period.

Section 7 : **Environmental Non-conformance**

It summarises any exceedance of environmental performance standard, and environmental complaints and environmental summons received within the reporting period.

Section 8 : **Conclusions**

2.1**BACKGROUND**

The Organic Waste Treatment Facilities (OWTF) Phase I development (hereinafter referred to as “the Project”) is to design, construct and operate a biological treatment facility with a capacity of about 200 tonnes per day and convert source-separated organic waste from commercial and industrial sectors (mostly food waste) into compost and biogas through proven biological treatment technologies.

The environmental acceptability of the construction and operation of the Project had been confirmed by findings of the associated Environmental Impact Assessment (EIA) Study completed in 2009. The Director of Environmental Protection approved this EIA Report under the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) in February 2010 (Register No.: AEIAR-149/2010) (hereafter referred to as the approved EIA Report). Subsequent Report on Re-assessment on Environmental Implications and Report on Re-assessment on Hazard to Life Implications were completed in 2013, respectively.

An Environmental Permit (EP) (No. EP-395/2010) was issued by the Environmental Protection Department (EPD) to the EPD, the Permit Holder, on 21 June 2010 and varied on 18 March 2013 (No. EP-395/2010/A) and 21 May 2013 (No. EP-395/2010/B), respectively. The Design Build and Operate Contract for the OWTF (Contract No. EP/SP/61/10 Organic Waste Treatment Facilities Phase I (the Contract)) was awarded to SITA Waste Services Limited, ATAL Engineering Limited and Ros-Roca, Sociedad Anonima jointly trading as the OSCAR Bioenergy Joint Venture (OSCAR or the Contractor). A Further EP (No. FEP-01/395/2010/B) was issued by the EPD to the OSCAR on 16 February 2015. Variation to both EPs No. EP-395/2010/B and No. FEP-01/395/2010/B were made in December 2015. The latest EPs, No. EP-395/2010/C and No. FEP-01/395/2010/C, were issued by the EPD on 21 December 2015.

Under the requirements of Condition 5 of the EP (No. FEP-01/395/2010/C), an Environmental Monitoring and Audit (EM&A) programme as set out in the Agreement No. CE7/2008 (EP) EM&A Manual (hereinafter referred to as EM&A Manual) is required to be implemented. ERM-Hong Kong, Ltd (ERM) has been appointed by OSCAR as the Environmental Team (ET) to undertake the EM&A programme for the Contract.

The construction works commenced on 21 May 2015 and are scheduled for completion by April 2017.

2.2 GENERAL SITE DESCRIPTION

The Project Site is located at Siu Ho Wan in North Lantau with an area of about 2 hectares. The layout of the upgrading works is illustrated in *Annex A*.

2.3 CONSTRUCTION ACTIVITIES

A summary of the major construction activities undertaken in the reporting period is shown *Table 2.1*. The locations of the construction activities are shown in *Annex B*. The construction programme of the Project is presented in *Annex C*.

Table 2.1 *Summary of Construction Activities Undertaken in the Reporting Period*

| Construction Activities Undertaken |
|---|
| <ul style="list-style-type: none">• Superstructure, Construction, Raft Foundation and E&M cast-in items installation Works for Building 1;• Concrete Defects rectification works, waterproofing works, fire services installation, ABWF and finishing works, installation of pump at roof, E&M installation Works for Building 2;• Construction of Substructure and Superstructure Works, E&M cast-in items installation and installation of ABWF and BS inside CLP HV Switch Room for Building 3;• Manholes and Cable Draw Pits Construction;• Construction of concrete plinths, ASP fabrication works Works for Biogas Holder and Biogas Plant;• Suspension Buffer Tank, water filling and scaffolding erection for cladding work for AD tank1 and 2;• Erection works for AD tank 3;• Erection of SBT tank;• Plinth modification and structural steel erection works for Ammonia Stripping Plant;• Construction Works for Boundary Wall and Boundary Fence Wall, relocation of project signboard, construction of underground utilities manholes, cable draw pits and pipeline laying works;• Erection of CHP 1,2,3 for CHP area;• Underground drainage and drawpit works for site-wide.• Temporary traffic management, underground drainage works and roadworks for Portion 2; and• Material handling and storage, steel bending & cutting works. |

2.4 PROJECT ORGANISATION AND MANAGEMENT STRUCTURE

The project organisation chart and contact details are shown in *Annex D*.

2.5 STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS

A summary of the valid permits, licences, and/or notifications on environmental protection for this Project is presented in *Table 2.2*.

Table 2.2 *Summary of Environmental Licensing, Notification and Permit Status*

| Permit/ Licenses/ Notification | Reference | Validity Period | Remarks |
|---|----------------------------------|---|---------------------------------------|
| Environmental Permit | FEP- 01/395/2010/C | Throughout the Contract | Permit granted on 21 December 2015 |
| Notification of Construction Works under the Air Pollution Control (Construction Dust) Regulation | Ref No. 386715 | Throughout the Contract | - |
| Effluent Discharge License | WT00021482- 2015 | 21 May 2015 - 31 May 2020 | Approved on 21 May 2015 |
| Construction Noise Permit | GW-RW0001-16 GW-RW0146-16 | 15 January 2016 - 14 July 2016 28 March 2016 - 27 September 2016 | - - |
| Chemical Waste Producer Registration | WPN 5213-961- O2231-01 | Throughout the Contract | Approved on 29 April 2015 |
| Waste Disposal Billing Account | Account number: 702310 | Throughout the Contract | - |

ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTAL MITIGATION MEASURES

All the relevant environmental mitigation measures listed in the EIA Report and EM&A Manual are summarised in *Annex E*.

According to the EM&A Manual and EP requirement, no air quality, noise and water quality monitoring is required.

Bi-weekly landscape and visual audit is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the EIA Report are fully achieved.

IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS

The Contractor has implemented environmental mitigation measures and requirements as stated in the approved EIA Report and EM&A Manual. The implementation status of the measures during the reporting period is summarised in *Annex E*.

Wastes generated from this Project include inert construction and demolition (C&D) materials (public fill) and non-inert C&D materials (construction waste). Construction waste comprises general refuse, metals and paper/cardboard packaging materials. Metals generated from the Project are also grouped into construction waste as the materials were not disposed of with others at public fill. Reference has been made to the Monthly Summary Waste Flow Table prepared by the Contractor (see *Annex F*). With reference to the relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting month are summarised in in *Table 5.1*.

Table 5.1 *Quantities of Waste Generated from the Project*

| Month / Year | Quantity | | | |
|--------------|--|--|--|----------------|
| | Total Inert C&D Materials Generated ^(a) | Non-inert C&D Materials ^(b) | | |
| | | C&D Materials Recycled ^(c) | C&D Waste Disposed of at Landfill ^(d) | Chemical Waste |
| June 2016 | 1,144.73 tonnes | 14,460.00 kg | 58.34 tonnes | 0 L |
| July 2016 | 662.76 tonnes | 13,370.00 kg | 40.48 tonnes | 0 L |
| August 2016 | 391.88 tonnes | 18,744.00 kg | 61.91 tonnes | 0 L |

Notes:

- (a) Inert C&D materials (public fill) include bricks, concrete, building debris, rubble and excavated spoil. In total, 2,199.37 tonnes of inert C&D material were generated from the Project, of which 30.43 tonnes were reused in this Contract and the remaining 2,168.94 tonnes were disposed as public fill to Fill Banks at Tuen Mun Area 38 and Tseung Kwan O Area 137. The detailed waste flow is presented in *Annex F*.
- (b) Non-inert C&D materials (construction wastes) include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. Metals generated from the Project were grouped into construction wastes as the materials were not disposed of with others at the public fill.
- (c) 46.49 kg of metals, 0.204 kg of papers/ cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) Construction wastes other than metals, paper/cardboard packaging, plastics and chemicals were disposed of at NENT Landfill by subcontractors.

6.1 WEEKLY SITE AUDITS

Thirteen site inspections were conducted during the reporting period. There was no non-compliance recorded during the site inspections. Follow-up actions were undertaken as reported by the Contractor and observed in the subsequent weekly site inspections conducted in the reporting period.

June 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 6, 15, 20 and 27 June 2016. The IEC was also present at the joint inspection on 15 June 2016.

July 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 4, 11, 20 and 25 July 2016. The IEC was also present at the joint inspection on 20 July 2016.

August 2016

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 1, 8, 17, 22 and 29 August 2016. The IEC was also present at the joint inspection on 17 August 2016.

6.2 LANDSCAPE AND VISUAL AUDIT

Six landscape and visual monitoring site inspections were conducted during the reporting period. Follow-up actions needed to be implemented were recommended to the Contractor and the status of the follow-up actions was reviewed during the subsequent weekly site inspections. It was confirmed that most of the necessary landscape and visual mitigation measures as summarised in *Annex E* were implemented by the Contractor.

In accordance with the EM&A Manual, bi-weekly landscape and visual inspection is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the EIA Report are fully achieved. The onsite inspection of the landscape and visual mitigation measures has commenced since June 2015 during weekly site inspections.

June 2016

Bi-weekly site inspections were conducted on 15 and 27 June 2016.

July 2016

Bi-weekly site inspections were conducted on 11 and 25 July 2016.

August 2016

Bi-weekly site inspections were conducted on 8 and 22 August 2016.

Key landscape and visual mitigation measures implemented in the reporting period included:

- Provide insect prevention measures to the exposed root of retained tree to prevent potential damage due to the exposure.
- 13 labelled trees T3, T4, T5, T6, T7, T8, T9, T26, T17, T28, T29, T30 and T34 were felled due to the major defects or health problems caused by the Typhoon Nida on 2 August 2016.

6.3

EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING

The mitigation measures recommended in the EIA report and required by the EP are considered effective in minimizing environmental impacts.

The EM&A for the Project was conducted as scheduled during the reporting period. No non-compliance events were observed during site inspections and no exceedances were recorded during this reporting period. The EM&A programme is considered effective.

7 ENVIRONMENTAL NON-CONFORMANCE

7.1 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

One non-compliance event was recorded during the reporting period, which was on 25 August 2016 9:45 in the morning. During cleaning of the waste water treatment tanks, a worker inadvertently allowed the cleaning water to flow out to the DSD Nullah without passing through the waste water treatment facilities. Remedial works and follow-up actions will be completed by the contractor shortly, and the Investigation Report is shown in *Annex H*.

7.2 SUMMARY OF ENVIRONMENTAL COMPLAINT

No complaint was received during the reporting period. The cumulative environmental complaint log is shown in *Annex G*.

7.3 SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION

No summon/prosecution was received during the reporting period. The cumulative summons/prosecution log is shown in *Annex G*.

This EM&A Report presents the EM&A works undertaken during the reporting period from 1 June 2016 to 31 August 2016 in accordance with EM&A Manual and requirements of EP (FEP-01/395/2010/C).

No air quality, noise and water quality monitoring is required.

Bi-weekly landscape and visual monitoring was conducted in this quarterly period. Most of the necessary landscape and visual mitigation measures recommended in the EIA Report were implemented by the Contractor. Follow-up actions would be implemented by the Contractor to improve protection measures on the retained or to-be transplanted trees.

One non-compliance event was recorded during the reporting period.

No complaint and summons/prosecution was received during the reporting period.

The ET will keep track on the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures in the coming periods.

Annex A

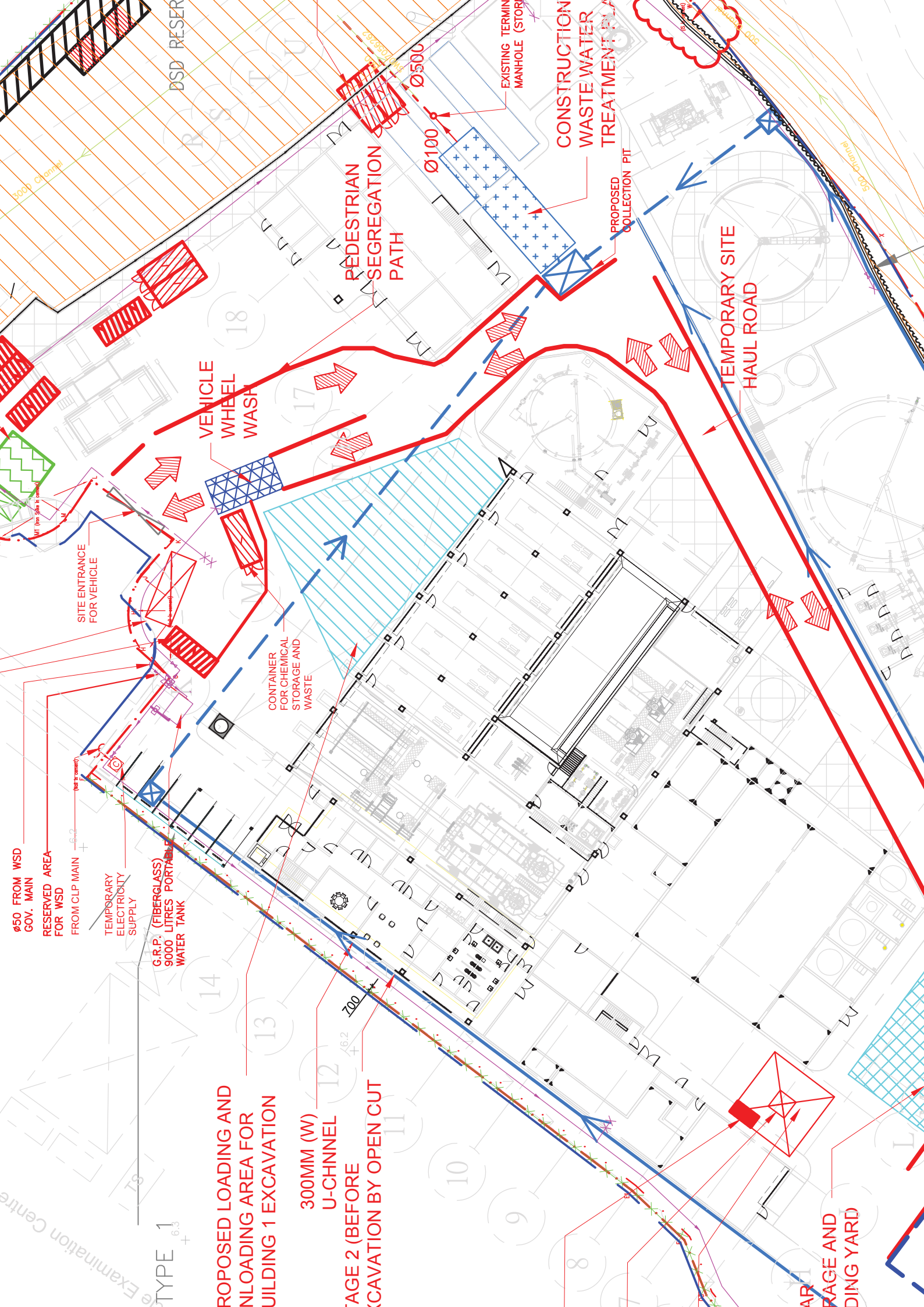
Project Layout



6.3

Annex B

Works Location



Ø50 FROM WSD GOV. MAIN
RESERVED AREA FOR WSD FROM CLP MAIN
TEMPORARY ELECTRICITY SUPPLY

G.R.P. (FIBERGLASS) 9000 LITRES PORTABLE WATER TANK

VEHICLE WHEEL WASH

CONTAINER FOR CHEMICAL STORAGE AND WASTE

PEDESTRIAN SEGREGATION PATH

EXISTING TERMINAL MANHOLE (STOR)

CONSTRUCTION WASTE WATER TREATMENT PLANT

PROPOSED COLLECTION PIT

TEMPORARY SITE HAUL ROAD

TYPE 1

PROPOSED LOADING AND UNLOADING AREA FOR BUILDING 1 EXCAVATION

300MM (W) U-CHANNEL

STAGE 2 (BEFORE EXCAVATION BY OPEN CUT

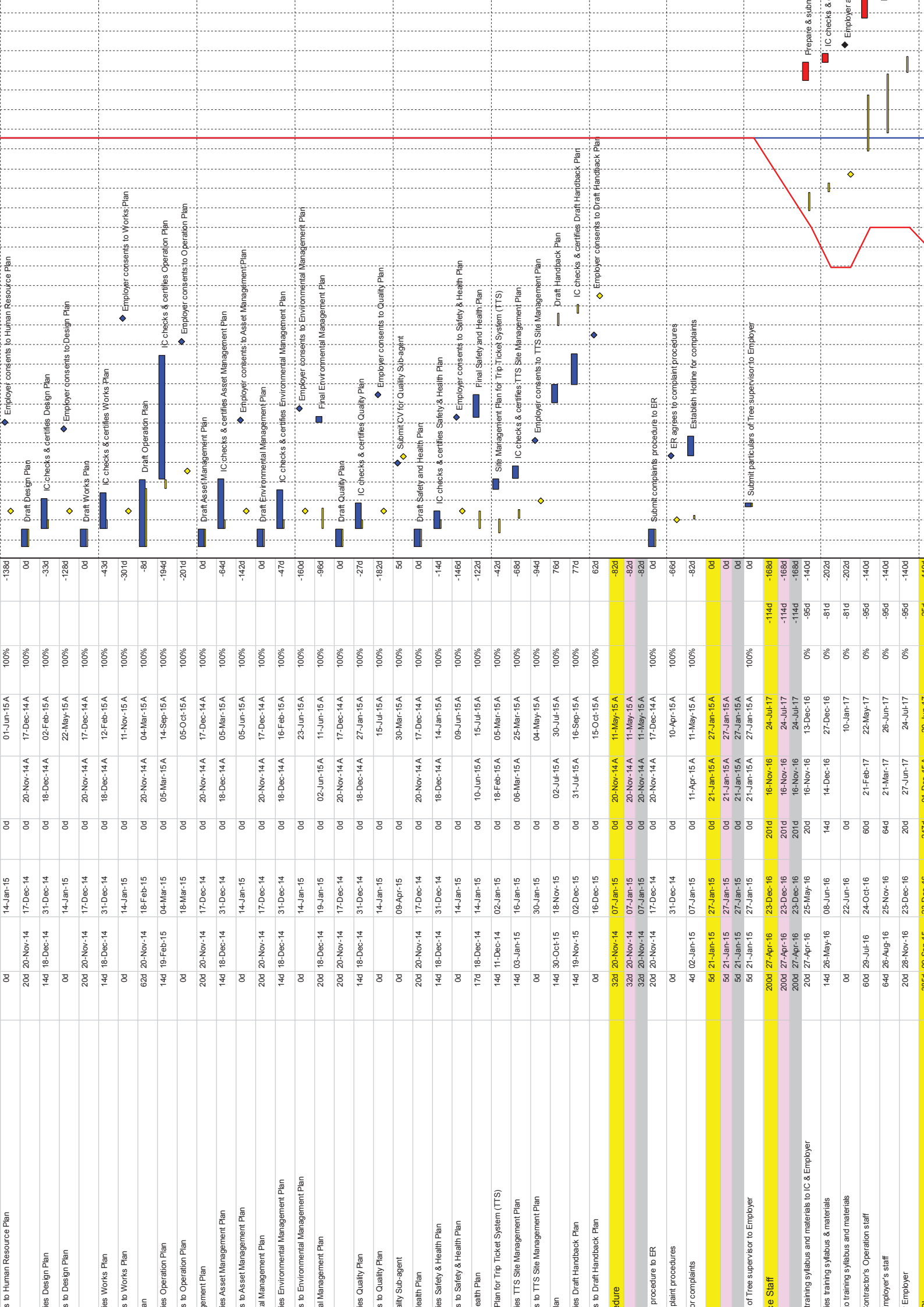
STORAGE AND STAGING YARD

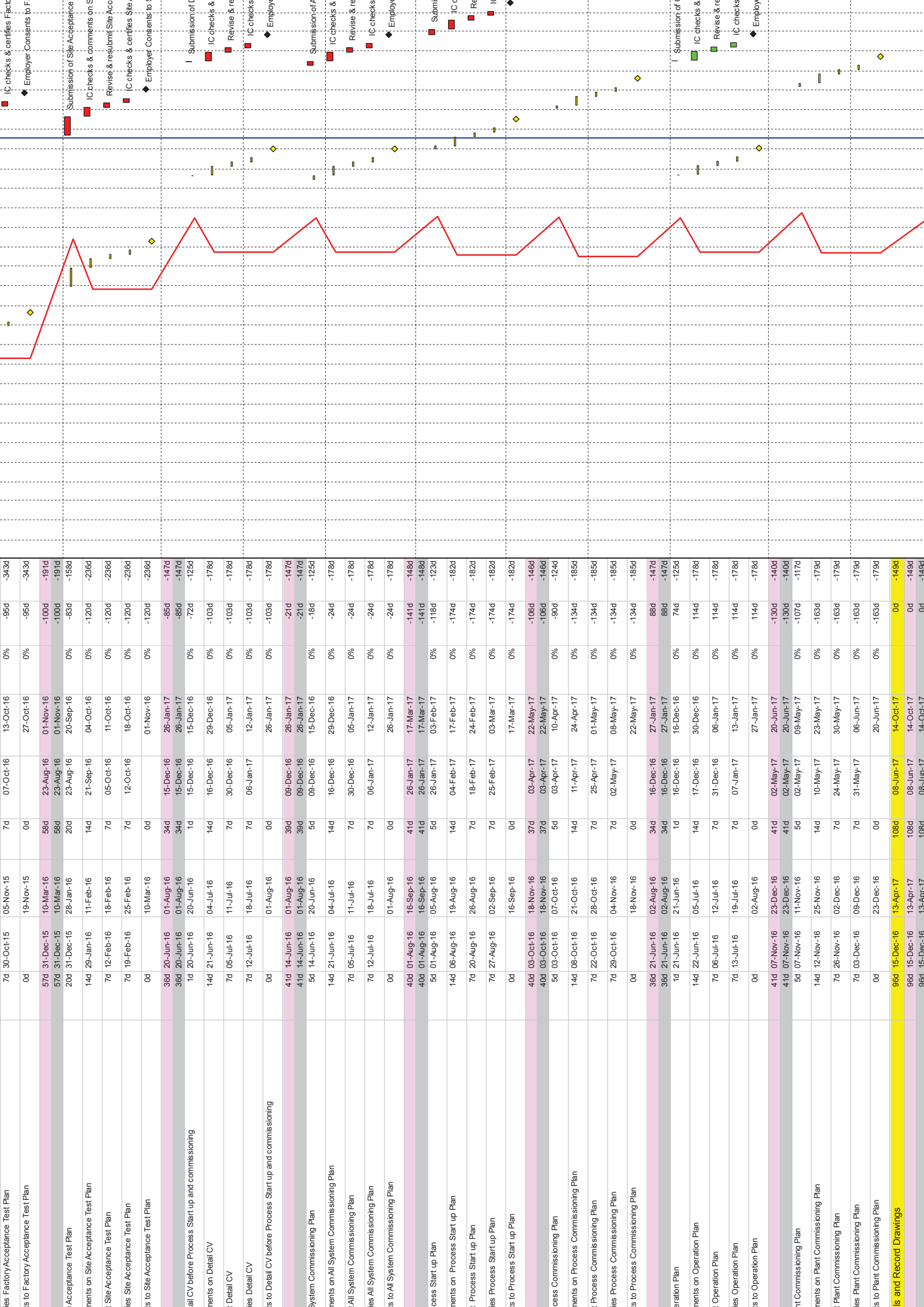
Annex C

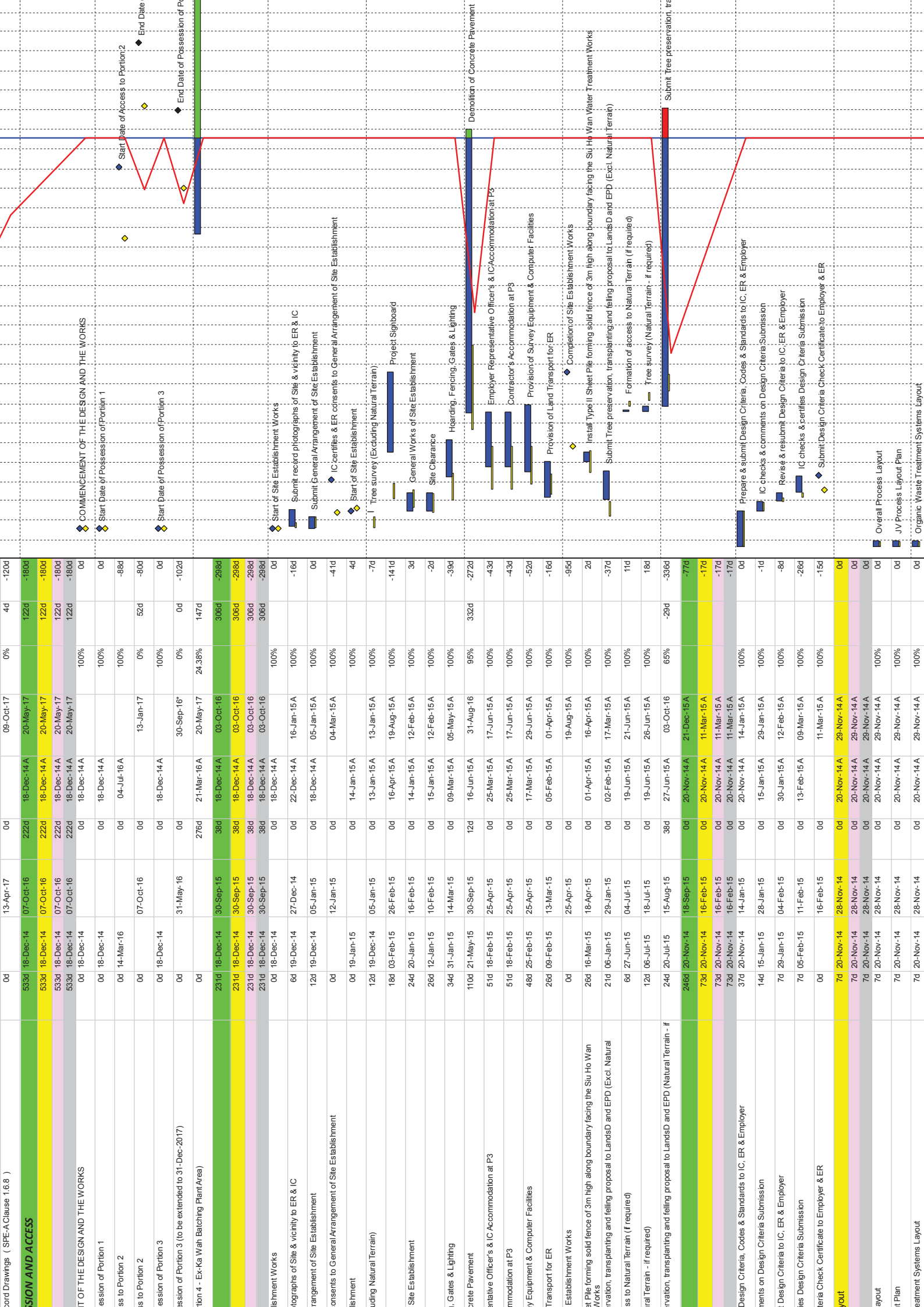
Construction Programme of the Project

| Activity | Start Date | End Date | Duration (Days) | Progress (%) | Days Remaining | Notes |
|---|-------------|-------------|-----------------|--------------|--|--|
| Phase 1: Initial Setup and General Requirements | 19-Nov-14 | 19-Nov-14 | 0d | 100% | 0d | LETTER OF ACCEPTANCE |
| | 16-Mar-17 | 16-Sep-17 | 21d | 100% | -150d | MC1.1 - Substantial Completion of ER & IC Accommodation |
| | 16-Dec-15 | 11-Nov-15 A | 30d | 100% | -30d | MC1.2 - Joint signing of IC Agreement |
| | 16-Dec-15 | 11-Nov-15 A | 30d | 100% | -30d | MC1.3 - Employer's consent granted on draft Contractor's Plans |
| | 25-Apr-15 | 17-Jun-15 A | -43d | 100% | -43d | MC2.1.1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & Feeding System |
| | 17-Dec-14 | 16-Jan-15 A | -19d | 100% | -19d | MC2.1.2 - Employer's consent granted in respect of Detailed Design of Anaerobic Digestion System |
| | 16-Dec-15 | 17-Nov-16 | -268d | 100% | -268d | MC2.1.3 - Employer's consent granted in respect of Detailed Design of CHP System |
| | 23-Feb-16 | 17-Nov-16 | -268d | 100% | -268d | MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System |
| | 20-Jul-15 | 18-Jan-16 A | -181d | 100% | -181d | MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS |
| | 20-Oct-15 | 21-Dec-15 A | -62d | 100% | -62d | MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation works |
| 05-Aug-15 | 01-Mar-16 A | -209d | 100% | -209d | MC2.1.7 - Employer's consent granted in respect of Detailed Design of civil, structural & electrical works | |
| 26-Oct-15 | 25-Nov-15 A | -30d | 100% | -30d | MC2.1.8 - Employer's consent granted in respect of Detailed Design of architectural & landscape works | |
| 23-Sep-15 | 28-Oct-15 A | -35d | 100% | -35d | MC2.1.9 - Employer's consent granted in respect of Detail Design of control & instrumentation works | |
| 20-Oct-15 | 17-Nov-16 | -87d | 0% | -87d | MC2.2 - Completion | |
| 04-Nov-15 | 27-Oct-16 | -104d | 0% | -104d | MC3.1.1 - Completion of site formation | |
| 23-Feb-16 | 21-Sep-16 | 5d | 0% | -211d | MC3.1.2 - Completion of 50% of piling works | |
| 03-Dec-15 | 17-Aug-16 A | -258d | 100% | -258d | MC3.1.3 - Completion of 100% of piling works | |
| 23-Feb-16 | 17-Nov-16 | -52d | 100% | -52d | MC3.1.4 - Completion of 50% of superstructure works | |
| 23-Feb-16 | 17-Nov-16 | -52d | 100% | -52d | MC3.1.5 - Completion of 80% of superstructure works | |
| 23-Feb-16 | 17-Nov-16 | -52d | 100% | -52d | MC3.1.6 - Completion of 100% of drainage, road and geotechnical works | |
| 16-Mar-17 | 16-Sep-17 | 21d | 100% | -150d | MC3.2.1 - Completion of Delivery of Combined Heat and Power Units | |
| 08-Dec-16 | 13-Jun-17 | -67d | 100% | -147d | MC3.2.2 - Completion of Delivery of Combined Heat and Power Units | |
| 08-Dec-16 | 13-Jun-17 | -67d | 100% | -147d | MC3.2.3 - Completion of Delivery of Combined Heat and Power Units | |
| 03-Dec-15 | 17-May-16 A | -130d | 100% | -130d | MC3.2.4 - Completion of Delivery of Combined Heat and Power Units | |
| 06-Jul-15 | 22-Jul-15 A | -14d | 100% | -14d | MC3.2.5 - Completion of Delivery of Combined Heat and Power Units | |
| 22-Sep-15 | 22-Sep-15 A | 0d | 100% | 0d | MC3.2.6 - Completion of Delivery of Combined Heat and Power Units | |
| 08-Jan-16 | 17-Mar-16 A | -56d | 100% | -56d | MC3.2.7 - Completion of Delivery of Combined Heat and Power Units | |
| 13-Feb-16 | 17-Aug-16 A | -151d | 100% | -151d | MC3.2.8 - Completion of Delivery of Combined Heat and Power Units | |
| 11-Apr-16 | 30-Dec-16 | -67d | 0% | -217d | MC3.2.9 - Completion of Delivery of Combined Heat and Power Units | |
| 08-Dec-16 | 13-Jun-17 | -67d | 0% | -147d | MC3.2.10 - Completion of Delivery of Combined Heat and Power Units | |
| 02-Jul-16 | 30-Dec-16 | 232d | 100% | -150d | MC3.2.11 - Completion of Delivery of Combined Heat and Power Units | |
| 02-Jul-16 | 30-Dec-16 | 232d | 100% | -150d | MC3.2.12 - Completion of Delivery of Combined Heat and Power Units | |
| 26-Jan-16 | 30-Dec-16 | 194d | 0% | -230d | MC3.2.13 - Completion of Delivery of Combined Heat and Power Units | |
| 25-Feb-16 | 21-Sep-16 | -46d | 0% | -142d | MC3.2.14 - Completion of Delivery of Combined Heat and Power Units | |
| 02-Jul-16 | 08-Jul-16 A | -6d | 100% | -6d | MC3.2.15 - Completion of Delivery of Combined Heat and Power Units | |
| 25-May-16 | 05-Dec-16 | 211d | 0% | -134d | MC3.2.16 - Completion of Delivery of Combined Heat and Power Units | |
| 26-Jan-16 | 22-Nov-16 | -70d | 0% | -204d | MC3.2.17 - Completion of Delivery of Combined Heat and Power Units | |
| 13-Apr-16 | 22-Nov-16 | -55d | 0% | -154d | MC3.2.18 - Completion of Delivery of Combined Heat and Power Units | |
| 30-Nov-16 | 11-May-17 | -93d | 0% | -127d | MC3.2.19 - Completion of Delivery of Combined Heat and Power Units | |
| 30-Nov-16 | 11-May-17 | -93d | 0% | -127d | MC3.2.20 - Completion of Delivery of Combined Heat and Power Units | |
| 15-Aug-16 | 17-Mar-17 | -98d | 0% | -175d | MC3.2.21 - Completion of Delivery of Combined Heat and Power Units | |
| 12-Sep-16 | 27-Jan-17 | -98d | 0% | -112d | MC3.2.22 - Completion of Delivery of Combined Heat and Power Units | |
| 08-Nov-16 | 26-Jan-17 | -12d | 0% | -65d | MC3.2.23 - Completion of Delivery of Combined Heat and Power Units | |
| 30-Nov-16 | 15-Mar-17 | -53d | 0% | -84d | MC3.2.24 - Completion of Delivery of Combined Heat and Power Units | |
| 12-Nov-16 | 18-Mar-17 | -56d | 0% | -102d | MC3.2.25 - Completion of Delivery of Combined Heat and Power Units | |
| 25-Aug-16 | 18-Feb-17 | -75d | 0% | -143d | MC3.2.26 - Completion of Delivery of Combined Heat and Power Units | |
| 22-Jun-16 | 20-Jan-17 | -80d | 0% | -175d | MC3.2.27 - Completion of Delivery of Combined Heat and Power Units | |
| 19-Aug-16 | 20-Jan-17 | -99d | 0% | -126d | MC3.2.28 - Completion of Delivery of Combined Heat and Power Units | |
| 29-Sep-16 | 11-May-17 | -103d | 0% | -178d | MC3.2.29 - Completion of Delivery of Combined Heat and Power Units | |

| Task | Start | End | Duration | Progress | Completion % | Dependencies | Notes |
|---|-------|-----------|----------|----------|--------------|--------------|--|
| Contractor's consent granted on all System Commissioning Reports | 0d | 19-Jan-17 | 0d | 0% | -38d | | |
| Contractor's consent granted on the Process Start Up & Process Commissioning Report | 0d | 27-Feb-17 | 0d | 0% | -52d | | |
| Contractor's consent granted on the Plant Commissioning Report | 0d | 16-Mar-17 | 0d | 0% | -182d | | |
| Substantial Completion by the Employer | 0d | 16-Mar-17 | 0d | 0% | -182d | | |
| Final Certificate of Substantial Completion by the Employer | 0d | 16-Mar-17 | 0d | 0% | -182d | | |
| REQUIREMENT WORKS | 710d | 20-Nov-14 | 344d | | 0d | | |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | | -1d | | |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | | -1d | | |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | | -1d | | |
| Contractor's Superintendents, Designers, IC and ER | 5d | 20-Nov-14 | 0d | 100% | -15d | | |
| Contractor's Superintendents, Designers, IC and ER | 10d | 27-Nov-14 | 0d | 100% | -5d | | Notify the Employer of the proposed Project Manager |
| Contractor's Superintendents, Designers, IC and ER | 0d | 10-Dec-14 | 0d | 100% | 0d | | Submit Contractor's Management Team to Employer |
| Contractor's Superintendents, Designers, IC and ER | 5d | 11-Dec-14 | 0d | 100% | 5d | | Employer approves proposed Project Manager |
| Contractor's Superintendents, Designers, IC and ER | 10d | 20-Nov-14 | 0d | 100% | 0d | | Appoint Project Manager |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 0d | | Jointly Appoint the Independent Consultant with the Employer |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 0d | | IC to submit names of representatives to Employer & Contractor |
| Contractor's Superintendents, Designers, IC and ER | 0d | 17-Dec-14 | 0d | 100% | -1d | | Employer notifies Contractor of Employer's Representative |
| Contractor's Superintendents, Designers, IC and ER | 39d | 20-Nov-14 | 0d | | -110d | | |
| Contractor's Superintendents, Designers, IC and ER | 39d | 20-Nov-14 | 0d | | -110d | | |
| Contractor's Superintendents, Designers, IC and ER | 5d | 20-Nov-14 | 0d | 100% | 1d | | Submit application for Further Environmental Permit |
| Contractor's Superintendents, Designers, IC and ER | 12d | 20-Nov-14 | 0d | 100% | -8d | | Prepare & submit Emergency Procedures Plan by ET to IEC & ER |
| Contractor's Superintendents, Designers, IC and ER | 10d | 08-Dec-14 | 0d | 100% | -15d | | IEC checks & verifies Emergency Procedures Plan |
| Contractor's Superintendents, Designers, IC and ER | 0d | 05-Jan-15 | 0d | 100% | -119d | | ER approves Emergency Procedures Plan |
| Contractor's Superintendents, Designers, IC and ER | 4d | 06-Jan-15 | 0d | 100% | -104d | | Submit approved Emergency Procedures Plan to Dir of EP |
| Contractor's Superintendents, Designers, IC and ER | 0d | 16-Jan-15 | 0d | 100% | -21d | | Obtain Further Environmental Permit from Dir of EP |
| Contractor's Superintendents, Designers, IC and ER | 40d | 20-Nov-14 | 0d | | -12d | | |
| Contractor's Superintendents, Designers, IC and ER | 40d | 20-Nov-14 | 0d | | -12d | | |
| Contractor's Superintendents, Designers, IC and ER | 40d | 20-Nov-14 | 0d | | -12d | | |
| Contractor's Superintendents, Designers, IC and ER | 10d | 20-Nov-14 | 0d | 100% | -10d | | Provision of Guarantee to Employer |
| Contractor's Superintendents, Designers, IC and ER | 10d | 20-Nov-14 | 0d | 100% | -10d | | Provision of Undertaking to Employer |
| Contractor's Superintendents, Designers, IC and ER | 10d | 20-Nov-14 | 0d | 100% | -10d | | Provision of Undertakings from related companies to Employer |
| Contractor's Superintendents, Designers, IC and ER | 15d | 20-Nov-14 | 0d | 100% | -5d | | Provision of the Bond to Employer |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 5d | | Provision of Contractor's All Risks Insurance |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 5d | | Provision of Professional Indemnity Insurance |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 5d | | Provision of Employee Compensation Insurance |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 5d | | Provision of Motor Vehicle Insurance |
| Contractor's Superintendents, Designers, IC and ER | 40d | 20-Nov-14 | 0d | 100% | -12d | | Submit Undertakings & Certificates of PI Insurance |
| Contractor's Superintendents, Designers, IC and ER | 45d | 20-Nov-14 | 0d | | -216d | | |
| Contractor's Superintendents, Designers, IC and ER | 45d | 20-Nov-14 | 0d | | -216d | | |
| Contractor's Superintendents, Designers, IC and ER | 10d | 20-Nov-14 | 0d | 100% | 0d | | Prepare & Submit Programme to IC & Employer |
| Contractor's Superintendents, Designers, IC and ER | 14d | 18-Dec-14 | 0d | 100% | -2d | | IC checks & certifies Programme |
| Contractor's Superintendents, Designers, IC and ER | 0d | 14-Jan-15 | 0d | 100% | -267d | | Employer Consents to Contract Programme |
| Contractor's Superintendents, Designers, IC and ER | 10d | 04-Dec-14 | 0d | 100% | 0d | | Prepare & submit 3 months programme to Employer, ER & IC |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 0d | | Prepare & submit Critical Path Network to Employer, ER & IC |
| Contractor's Superintendents, Designers, IC and ER | 14d | 18-Dec-14 | 0d | 100% | -8d | | IC checks & certifies Critical Path Network |
| Contractor's Superintendents, Designers, IC and ER | 0d | 14-Jan-15 | 0d | 100% | -267d | | Employer Consents to Critical Path Network |
| Contractor's Superintendents, Designers, IC and ER | 319d | 20-Nov-14 | 0d | | 30d | | |
| Contractor's Superintendents, Designers, IC and ER | 319d | 20-Nov-14 | 0d | | 30d | | |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 0d | | Sub-contractor Management Plan |
| Contractor's Superintendents, Designers, IC and ER | 20d | 20-Nov-14 | 0d | 100% | 9d | | Draft Project Management Plan |







| Task ID | Task Name | Start Date | End Date | Progress (%) | Dependencies | Notes |
|----------------|---|------------|-------------|--------------|--------------|--|
| 9d 01-Dec-14 | Administration Building #1 | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Waste Reception Area Layout |
| 9d 01-Dec-14 | Area Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Pre-treatment System Layout |
| 9d 01-Dec-14 | Item Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Wastewater Treatment System Layout |
| 9d 01-Dec-14 | ment System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Administration Building Layout |
| 9d 01-Dec-14 | ding Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Centralized Air Pollution Control System Layout |
| 9d 01-Dec-14 | tion Control System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Completion of Pre-Treatment Building Layout |
| 9d 01-Dec-14 | reatment Building Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Compositing Tunnel Layout |
| 9d 01-Dec-14 | #2 | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Maturation Area & Facilities Layout |
| 9d 01-Dec-14 | al Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Digestate Dewatering System Layout |
| 9d 01-Dec-14 | Facilities Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Completion of Compositing Building Layout |
| 9d 01-Dec-14 | ing System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Anaerobic Digestion Treatment System Layout |
| 9d 01-Dec-14 | osing Building Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Bogas Cleaning and Storage System Layout |
| 46d 01-Dec-14 | out #3 | 05-Feb-15 | 30-Nov-14 A | 100% | 28-Feb-15 A | Heat Recovery and Power Generation System Layout |
| 46d 01-Dec-14 | | 05-Feb-15 | 30-Nov-14 A | 100% | 28-Feb-15 A | Weightbridge System Layout |
| 46d 01-Dec-14 | | 05-Feb-15 | 30-Nov-14 A | 100% | 28-Feb-15 A | Switchgear Room & Facilities Layout |
| 9d 01-Dec-14 | on Treatment System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Continuous Emission Monitoring System Layout |
| 9d 01-Dec-14 | nd Storage System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Completion of Auxiliary Buildings Layout |
| 9d 01-Dec-14 | d Power Generation System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Piled Foundation |
| 9d 01-Dec-14 | an Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Topographic Survey |
| 9d 01-Dec-14 | & Facilities Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Completion of Design Layout |
| 9d 01-Dec-14 | on Monitoring System Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Completion of Design Preparation |
| 9d 01-Dec-14 | iliary Buildings Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Frozen E&M Equipment Loading and General Layout |
| 10d 23-Jan-15 | | 05-Feb-15 | 11-Feb-15 A | 100% | 28-Feb-15 A | Finalized E&M Equipment Detail |
| 56d 01-Dec-14 | | 23-Feb-15 | 30-Nov-14 A | 100% | 01-Sep-15 A | Prepare & submit GI Plan to IG & ER |
| 56d 01-Dec-14 | | 23-Feb-15 | 30-Nov-14 A | 100% | 01-Sep-15 A | IC certifies GI Plan |
| 56d 01-Dec-14 | | 23-Feb-15 | 30-Nov-14 A | 100% | 01-Sep-15 A | ER Consents to GI Plan |
| 14d 06-Jan-15 | ay | 23-Jan-15 | 07-Jan-15 A | 100% | 10-Jan-15 A | Mobilization and Appointment of GI Sub-Contractor |
| 0d | ign Layout | 11-Dec-14 | 30-Nov-14 A | 100% | 11-Dec-14 A | Fieldwork (including Pre-drilling and works at Natural Terrain Unit 4) |
| 0d | ign Preparation | 23-Feb-15 | 30-May-15 A | 100% | 30-May-15 A | Preliminary Fieldwork Report for AD Tanks Piling Design |
| 5d 01-Dec-14 | ment Loading and General Layout | 05-Dec-14 | 30-Nov-14 A | 100% | 06-Dec-14 A | Final Fieldwork Report and Geotechnical Interpretative Report |
| 42d 19-Dec-14 | ipment Detail | 23-Feb-15 | 18-Dec-14 A | 100% | 01-Sep-15 A | Excavation for Plate Load Test |
| 225d 20-Nov-14 | ural Terrain Hazards) | 25-Aug-15 | 20-Nov-14 A | 100% | 30-Sep-15 A | Setup Loading platform and equipment for Plate Load Test |
| 225d 20-Nov-14 | | 25-Aug-15 | 20-Nov-14 A | 100% | 30-Sep-15 A | Carry-out Plate Load Test (PLT6-8 (Bldg # 2)) |
| 225d 20-Nov-14 | | 25-Aug-15 | 20-Nov-14 A | 100% | 30-Sep-15 A | Carry-out Plate Load Test (PLT9-11 (Bldg # 1)) |
| 10d 04-Dec-14 | GI Plan to IG & ER | 03-Dec-14 | 20-Nov-14 A | 100% | 04-Dec-14 A | Carry-out Plate Load Test (PLT2, 3, & 5 (Bldg #3)) |
| 0d | il Plan | 17-Dec-14 | 05-Dec-14 A | 100% | 02-Jan-15 A | |
| 0d | Appointment of GI Sub-Contractor | 05-Jan-15 | 16-Jan-15 A | 100% | 16-Jan-15 A | |
| 21d 20-Nov-14 | g Pre-drilling and works at Natural Terrain Unit 4) | 13-Dec-14 | 20-Nov-14 A | 100% | 15-Dec-14 A | |
| 35d 06-Jan-15 | ork Report for AD Tanks Piling Design | 14-Feb-15 | 14-Jan-15 A | 100% | 14-Feb-15 A | |
| 3d 20-Jan-15 | port and Geotechnical Interpretative Report | 22-Jan-15 | 14-Feb-15 A | 100% | 27-Mar-15 A | |
| 8d 16-Feb-15 | Terrain - if required) | 27-Feb-15 | 09-Mar-15 A | 100% | 27-Mar-15 A | |
| 8d 17-Aug-15 | | 25-Aug-15 | 16-Sep-15 A | 100% | 30-Sep-15 A | |
| 38d 06-Jan-15 | le Load Test | 23-Feb-15 | 17-Jan-15 A | 100% | 04-Mar-15 A | |
| 38d 06-Jan-15 | orm and equipment for Plate Load Test | 23-Feb-15 | 17-Jan-15 A | 100% | 04-Mar-15 A | |
| 31d 06-Jan-15 | ad Test (PLT6-8 (Bldg # 2)) | 10-Feb-15 | 17-Jan-15 A | 100% | 06-Feb-15 A | |
| 6d 09-Jan-15 | ad Test (PLT9-11 (Bldg # 1)) | 15-Jan-15 | 17-Jan-15 A | 100% | 18-Jan-15 A | |
| 6d 16-Jan-15 | ad Test (PLT2, 3, & 5 (Bldg #3)) | 22-Jan-15 | 19-Jan-15 A | 100% | 30-Jan-15 A | |
| 6d 23-Jan-15 | | 29-Jan-15 | 26-Jan-15 A | 100% | 12-Feb-15 A | |
| 6d 30-Jan-15 | | 05-Feb-15 | 02-Feb-15 A | 100% | 12-Feb-15 A | |

| Task | Start | End | Duration | Progress | Dependencies | Notes |
|---|-------|-----------|------------|----------|--------------|-------|
| Prepare Preliminary Report for PLT1&4 (Bldg #3) | 2d | 13-Feb-15 | 11d | 100% | 04-Mar-15A | -12d |
| Issue Formal Report for Plate Load Test | 4d | 16-Feb-15 | 12d | 100% | 04-Mar-15A | -8d |
| Forecast of 2031 traffic data | 111d | 14-Apr-15 | 18-Sep-15 | 100% | 21-Dec-15A | -63d |
| Air dispersion modelling | 85d | 14-Apr-15 | 13-Aug-15 | 100% | 13-Nov-15A | -63d |
| Update photomontages | 45d | 14-Apr-15 | 17-Jun-15 | 100% | 31-Jul-15A | -31d |
| Prepare & submit ERR to EPD for informal review | 30d | 14-Apr-15 | 14-Apr-15 | 100% | 08-May-15A | 12d |
| EPD to issue administrative comments on ERR | 45d | 14-Apr-15 | 17-Jun-15 | 100% | 31-Jul-15A | -31d |
| Prepare & submit ERR to EPD for formal review | 45d | 14-Apr-15 | 17-Jun-15 | 100% | 13-Nov-15A | -103d |
| EPD to issue administrative comments on ERR | 45d | 14-Apr-15 | 17-Jun-15 | 100% | 13-Nov-15A | -103d |
| Revise ERR and submit VEP to Director of EPD | 40d | 18-Jun-15 | 13-Aug-15 | 100% | 31-Aug-15A | -12d |
| EPD issue VEP | 20d | 18-Jun-15 | 16-Jul-15 | 100% | 06-Aug-15A | -15d |
| Prepare & submit General Building Plans to Stat Authorities/ Government, IC, ER & Employer | 0d | 13-Aug-15 | 01-Sep-15A | 100% | 21-Dec-15A | -63d |
| General Building Plans to Stat Authorities/ Government | 26d | 14-Aug-15 | 18-Sep-15 | 100% | 21-Dec-15A | -63d |
| General Building Plans to IC, ER & Employer | 26d | 14-Aug-15 | 18-Sep-15 | 100% | 21-Dec-15A | -63d |
| General Building Plans to Stat Authorities/ Government | 5d | 14-Aug-15 | 20-Aug-15 | 100% | 30-Nov-15A | -68d |
| General Building Plans to IC, ER & Employer | 0d | 18-Sep-15 | 18-Sep-15 | 100% | 21-Dec-15A | -63d |
| (DDS) - GENERAL, CIVIL, ABWF AND LANDSCAPE | 347d | 19-Dec-14 | 23-Feb-16 | 100% | 21-Nov-16 | -222d |
| Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government, IC, ER & Employer | 347d | 19-Dec-14 | 23-Feb-16 | 100% | 21-Nov-16 | -222d |
| General Building Plans to Stat Authorities/ Government, IC, ER & Employer | 178d | 19-Dec-14 | 30-Jul-15 | 100% | 14-Oct-16 | -359d |
| General Building Plans to Stat Authorities/ Government, IC, ER & Employer | 178d | 19-Dec-14 | 30-Jul-15 | 100% | 14-Oct-16 | -359d |
| General Building Plans to Stat Authorities/ Government, IC, ER & Employer | 105d | 19-Dec-14 | 28-May-15 | 100% | 12-Jan-15A | 91d |
| General Building Plans to Stat Authorities/ Government, IC, ER & Employer | 0d | 17-Jun-15 | 17-Jun-15 | 100% | 27-Jul-16A | -275d |
| General Building Plans to IC, ER & Employer | 0d | 18-Jun-15 | 18-Jun-15 | 0% | 02-Sep-16* | -38d |
| General Building Plans to IC, ER & Employer | 14d | 19-Jun-15 | 02-Jul-15 | 0% | 16-Sep-16 | -442d |
| General Building Plans to IC, ER & Employer | 7d | 03-Jul-15 | 09-Jul-15 | 0% | 23-Sep-16 | -442d |
| General Building Plans to IC, ER & Employer | 7d | 10-Jul-15 | 16-Jul-15 | 0% | 30-Sep-16 | -442d |
| General Building Plans to IC, ER & Employer | 0d | 30-Jul-15 | 30-Jul-15 | 0% | 14-Oct-16 | -442d |
| Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government, IC, ER & Employer | 188d | 19-Dec-14 | 11-Aug-15 | 100% | 14-Oct-16 | -349d |
| Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government, IC, ER & Employer | 188d | 19-Dec-14 | 11-Aug-15 | 100% | 14-Oct-16 | -349d |
| Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government, IC, ER & Employer | 14d | 19-Dec-14 | 12-Jan-15 | 100% | 12-Jan-15A | 0d |
| Fire Safety Strategy Report Approved by FSD | 0d | 30-Mar-15 | 30-Mar-15 | 100% | 30-Mar-15A | 0d |
| Fire Safety Strategy Report to IC, ER & Employer | 40d | 31-Mar-15 | 01-Jun-15 | 100% | 08-Jun-15A | -5d |
| Fire Safety Strategy Report to IC, ER & Employer | 60d | 31-Mar-15 | 29-Jun-15 | 100% | 03-Jul-15A | -3d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 0d | 29-Jun-15 | 29-Jun-15 | 100% | 27-Jul-16A | -267d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 0d | 30-Jun-15 | 30-Jun-15 | 100% | 17-Mar-15A | 70d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 14d | 01-Jul-15 | 14-Jul-15 | 100% | 27-Mar-15A | 109d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 7d | 15-Jul-15 | 21-Jul-15 | 60% | 02-Sep-16 | -409d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 7d | 22-Jul-15 | 28-Jul-15 | 0% | 09-Sep-16 | -409d |
| Detailed Design of Fire Safety Strategy Report to IC, ER & Employer | 0d | 11-Aug-15 | 11-Aug-15 | 0% | 14-Oct-16 | -430d |
| Site Wide Layout Drawings for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 06-Jul-16A | -270d |
| Site Wide Layout Drawings for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 06-Jul-16A | -270d |
| Architectural Layout Drawings of Building #2 for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 20-Jul-15A | -32d |
| Architectural Layout Drawings of Building #1 for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 20-Jul-15A | -32d |
| Architectural Layout Drawings of Building #3 for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 20-Jul-15A | -32d |
| Stage 2 Architectural Layout Drawings for ArchSD Comment | 48d | 23-Mar-15 | 03-Jun-15 | 100% | 20-Jul-15A | -32d |
| Urban Hazard Mitigation works | 303d | 12-Feb-15 | 23-Feb-16 | 100% | 21-Nov-16 | -222d |
| Geotechnical Interpretative Report to GEO | 30d | 12-Feb-15 | 08-Jun-15 | 100% | 27-Mar-15A | -112d |
| Geotechnical Interpretative Report to IC, ER & Employer | 0d | 24-Apr-15 | 24-Apr-15 | 100% | 20-Apr-15A | 4d |
| Geotechnical Interpretative Report to IC, ER & Employer | 0d | 27-Apr-15 | 27-Apr-15 | 100% | 27-Mar-15A | 18d |
| Geotechnical Interpretative Report to IC, ER & Employer | 14d | 28-Apr-15 | 11-May-15 | 100% | 08-Apr-15A | 33d |
| Geotechnical Interpretative Report to IC, ER & Employer | 7d | 12-May-15 | 18-May-15 | 100% | 15-Jul-15A | -58d |
| Geotechnical Interpretative Report to IC, ER & Employer | 7d | 19-May-15 | 25-May-15 | 100% | 30-Sep-15A | -128d |

| Task ID | Task Name | Start Date | End Date | Duration (Days) | Progress (%) | Completion Date | Remaining Days | Notes |
|---------|-----------|------------|------------|-----------------|--------------|-----------------|----------------|---|
| 20d | 04-Dec-15 | 04-Jan-16 | 03-Oct-16 | 31-Oct-16 | 0% | -30d | -204d | Prepare & submit NTH Mitigation Method of Construction |
| 14d | 05-Jan-16 | 18-Jan-16 | 01-Nov-16 | 14-Nov-16 | 0% | -43d | -301d | Finalize Method of Construction of NTH Mitigation Design |
| 0d | 04-Jan-16 | 04-Jan-16 | 30-Sep-16 | 30-Sep-16 | 0% | -66d | -184d | NTH Mitigation Design |
| 0d | 05-Jan-16 | 05-Jan-16 | 03-Oct-16 | 03-Oct-16 | 0% | -66d | -184d | Method Design to IC, ER & Employer |
| 14d | 06-Jan-16 | 19-Jan-16 | 04-Oct-16 | 17-Oct-16 | 0% | -50d | -272d | Comments on NTH Mitigation Design |
| 7d | 20-Jan-16 | 26-Jan-16 | 18-Oct-16 | 24-Oct-16 | 0% | -50d | -272d | Finalize NTH Mitigation Design to IC, Employer & ER |
| 14d | 27-Jan-16 | 09-Feb-16 | 25-Oct-16 | 07-Nov-16 | 0% | -50d | -272d | Finalize NTH Mitigation Design |
| 0d | 23-Feb-16 | 23-Feb-16 | 21-Nov-16 | 21-Nov-16 | 0% | -50d | -272d | Finalize NTH Mitigation Design |
| 181d | 21-Apr-15 | 25-Nov-15 | 13-Apr-15A | 06-Oct-16 | 100% | -27d | -255d | Administration Building #1 |
| 70d | 21-Apr-15 | 15-Jul-15 | 13-Apr-15A | 02-Mar-16A | 100% | -189d | -189d | Detailed Substructure Design of Bldg #1 to IC, ER & Employer |
| 70d | 21-Apr-15 | 15-Jul-15 | 13-Apr-15A | 02-Mar-16A | 100% | -189d | -189d | Detailed Substructure Design of Bldg #1 to IC, ER & Employer |
| 30d | 21-Apr-15 | 03-Jun-15 | 13-Apr-15A | 20-Jul-15A | 100% | -32d | -32d | Method of Construction for Substructure of Bldg #1 |
| 30d | 21-Apr-15 | 03-Jun-15 | 23-Nov-15A | 02-Feb-16A | 100% | -168d | -168d | Finalize Method of Construction of Detailed Substructure Design of Bldg #1 |
| 14d | 04-Jun-15 | 17-Jun-15 | 03-Feb-16A | 02-Mar-16A | 100% | -259d | -259d | Comments on Detailed Substructure Design of Bldg #1 |
| 14d | 04-Jun-15 | 17-Jun-15 | 21-Jul-15A | 11-Aug-15A | 100% | -55d | -55d | Finalize Detailed Substructure Design of Bldg #1 |
| 7d | 18-Jun-15 | 24-Jun-15 | 12-Aug-15A | 28-Aug-15A | 100% | -65d | -65d | Comments on Detailed Substructure Design of Bldg #1 |
| 7d | 25-Jun-15 | 01-Jul-15 | 29-Aug-15A | 31-Dec-15A | 100% | -183d | -183d | Finalize Detailed Substructure Design of Bldg #1 |
| 0d | 15-Jul-15 | 15-Jul-15 | 27-Jan-16A | 27-Jan-16A | 100% | -196d | -196d | Employer consents to Detailed Substructure Design of Bldg #1 |
| 74d | 04-Jun-15 | 31-Aug-15 | 04-Jun-15A | 21-Apr-16A | 100% | -188d | -188d | Detailed Superstructure Design of Bldg #1 to IC, ER & Employer |
| 74d | 04-Jun-15 | 31-Aug-15 | 04-Jun-15A | 21-Apr-16A | 100% | -188d | -188d | Detailed Superstructure Design of Bldg #1 to IC, ER & Employer |
| 32d | 04-Jun-15 | 20-Jul-15 | 04-Jun-15A | 26-Nov-15A | 100% | -90d | -90d | Method of Construction for Superstructure of Bldg #1 |
| 32d | 04-Jun-15 | 20-Jul-15 | 01-Feb-16A | 31-Mar-16A | 100% | -173d | -173d | Finalize Method of Construction of Detailed Superstructure Design of Bldg #1 |
| 14d | 21-Jul-15 | 03-Aug-15 | 01-Apr-16A | 21-Apr-16A | 100% | -262d | -262d | Comments on Detailed Superstructure Design of Bldg #1 |
| 14d | 21-Jul-15 | 03-Aug-15 | 27-Nov-15A | 10-Dec-15A | 100% | -129d | -129d | Finalize Detailed Superstructure Design of Bldg #1 |
| 7d | 04-Aug-15 | 10-Aug-15 | 11-Dec-15A | 05-Feb-16A | 100% | -179d | -179d | Employer consents to Detailed Superstructure Design of Bldg #1 to IC, Employer & ER |
| 7d | 11-Aug-15 | 17-Aug-15 | 06-Feb-16A | 09-Mar-16A | 100% | -205d | -205d | Finalize Detailed Superstructure Design of Bldg #1 |
| 0d | 31-Aug-15 | 31-Aug-15 | 30-Mar-16A | 30-Mar-16A | 100% | -212d | -212d | Employer consents to Detailed Superstructure Design of Bldg #1 |
| 107d | 21-Jul-15 | 25-Nov-15 | 01-Mar-16A | 06-Oct-16 | 100% | -27d | -255d | Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, ER & Employer |
| 79d | 21-Jul-15 | 23-Oct-15 | 01-Mar-16A | 06-Oct-16 | 100% | -87d | -283d | Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, ER & Employer |
| 39d | 21-Jul-15 | 11-Sep-15 | 01-Mar-16A | 04-Jun-16A | 100% | -178d | -178d | Method of Construction for Bldg #1 Roof - Structural Steelwork |
| 25d | 10-Aug-15 | 11-Sep-15 | 18-Aug-16 | 22-Sep-16 | 0% | -73d | -254d | Finalize Method of Construction of Bldg #1 Roof - Structural Steelwork |
| 14d | 12-Sep-15 | 25-Sep-15 | 23-Sep-16 | 06-Oct-16 | 0% | -105d | -377d | Comments on Detailed Design of Bldg #1 Roof - Structural Steelwork |
| 14d | 12-Sep-15 | 25-Sep-15 | 06-Jun-16A | 20-Jun-16A | 100% | -269d | -269d | Finalize Detailed Design of Bldg #1 Roof - Structural Steelwork |
| 7d | 26-Sep-15 | 02-Oct-15 | 21-Jun-16A | 28-Jun-16A | 100% | -270d | -270d | Method of Construction of Bldg #1 Roof - Structural Steelwork to IC, Employer & ER |
| 7d | 03-Oct-15 | 09-Oct-15 | 29-Jun-16A | 07-Jul-16A | 100% | -272d | -272d | Finalize Detailed Design of Bldg #1 Roof - Structural Steelwork |
| 0d | 23-Oct-15 | 23-Oct-15 | 27-Jul-16A | 27-Jul-16A | 100% | -278d | -278d | Employer consents to Detailed Design of Bldg #1 Roof - Structural Steelwork |
| 60d | 14-Sep-15 | 25-Nov-15 | 01-Mar-16A | 29-Sep-16 | 100% | -22d | -250d | Detailed CAPC Stack - Steel Support Design to IC, ER & Employer |
| 21d | 14-Sep-15 | 14-Oct-15 | 01-Mar-16A | 26-May-16A | 100% | -151d | -151d | Method of Construction for CAPC Stack - Steel Support |
| 21d | 14-Sep-15 | 14-Oct-15 | 18-Aug-16 | 15-Sep-16 | 0% | -19d | -226d | Finalize Method of Construction of CAPC Stack - Steel Support |
| 14d | 15-Oct-15 | 28-Oct-15 | 16-Sep-16 | 29-Sep-16 | 0% | -27d | -337d | Comments on Detailed CAPC Stack - Steel Support Design |
| 14d | 15-Oct-15 | 28-Oct-15 | 27-May-16A | 10-Jun-16A | 100% | -226d | -226d | Finalize Detailed CAPC Stack - Steel Support Design |
| 7d | 29-Oct-15 | 04-Nov-15 | 11-Jun-16A | 18-Jun-16A | 100% | -227d | -227d | Employer consents to Detailed CAPC Stack - Steel Support Design |
| 7d | 05-Nov-15 | 11-Nov-15 | 19-Jun-16A | 24-Jun-16A | 100% | -226d | -226d | Finalize Detailed CAPC Stack - Steel Support Design |
| 0d | 25-Nov-15 | 25-Nov-15 | 08-Jul-16A | 08-Jul-16A | 100% | -226d | -226d | Employer consents to Detailed CAPC Stack - Steel Support Design |
| 189d | 12-Mar-15 | 30-Oct-15 | 12-Mar-15A | 03-Oct-16 | 100% | -73d | -274d | #2 |
| 57d | 12-Mar-15 | 22-May-15 | 12-Mar-15A | 15-Oct-15A | 100% | -120d | -120d | Detailed Substructure Design of Bldg #2 to IC, ER & Employer |
| 57d | 12-Mar-15 | 22-May-15 | 12-Mar-15A | 15-Oct-15A | 100% | -120d | -120d | Detailed Substructure Design of Bldg #2 to IC, ER & Employer |
| 19d | 12-Mar-15 | 10-Apr-15 | 12-Mar-15A | 28-Apr-15A | 100% | -12d | -12d | Method of Construction for Substructure of Bldg #2 |
| 19d | 12-Mar-15 | 10-Apr-15 | 12-Mar-15A | 23-Jun-15A | 100% | -50d | -50d | Finalize Method of Construction of Substructure Design of Bldg #2 |
| 14d | 11-Apr-15 | 24-Apr-15 | 24-Jun-15A | 15-Oct-15A | 100% | -174d | -174d | Comments on Detailed Substructure Design of Bldg #2 |
| 14d | 11-Apr-15 | 24-Apr-15 | 28-Apr-15A | 12-May-15A | 100% | -18d | -18d | Finalize Detailed Substructure Design of Bldg #2 |

| Task ID | Task Description | Start Date | End Date | Progress (%) | Completion Date | Days to Complete | Days Over Budget |
|---------|---|------------|-----------|--------------|-----------------|------------------|------------------|
| 329 | Employer consents to Detailed Substructure Design of Weighbridge | 0d | 0d | 100% | 08-Aug-16A | | |
| 330 | Prepare & submit Detailed Substructure Design of Biogas Storage Tank to IC, ER & Employer | 39d | 03-Jun-15 | 0d | 25-May-15A | 23-Mar-16A | -203d |
| 331 | Prepare & submit Detailed Substructure Design of Biogas Plant to IC, ER & Employer | 33d | 03-Jun-15 | 0d | 15-Aug-15A | 21-Dec-15A | -107d |
| 332 | Prepare & submit Detailed Substructure Design of Desulfurization Tank to IC, ER & Employer (As AD pile ca | 33d | 03-Jun-15 | 0d | 15-Aug-15A | 21-Dec-15A | -107d |
| 333 | Prepare & submit Detailed Substructure Design of Biogas Tanks & Plant Room | 33d | 03-Jun-15 | 0d | 25-May-15A | 26-Jun-15A | 15d |
| 334 | Method of Construction for Substructure of Biogas Tanks & Plant Room | 0d | 0d | 100% | 22-Dec-15A | 23-Feb-16A | |
| 335 | IC checks & certifies Method of Construction for Substructure of Biogas Tanks & Plant Room | 0d | 0d | 100% | 24-Feb-16A | 23-Mar-16A | |
| 336 | IC checks & comments on Detailed Substructure Design of Biogas Tanks & Plant Room | 0d | 0d | 100% | 22-Dec-15A | 08-Jan-16A | |
| 337 | Revise & resubmit Detailed Substructure Design of Biogas Tanks & Plant Room | 0d | 0d | 100% | 09-Jan-16A | 18-Jan-16A | |
| 338 | IC checks & certifies Detailed Substructure Design of Biogas Tanks & Plant Room | 0d | 0d | 100% | 19-Jan-16A | 03-Feb-16A | |
| 339 | Employer consents to Detailed Substructure Design of Biogas Tanks | 0d | 0d | 100% | 26-Feb-16A | | |
| 340 | Prepare & submit Detailed Substructure Design of Energy Centre to IC, ER & Employer | 38d | 03-Jun-15 | 0d | 20-Jul-15A | 05-Apr-16A | -210d |
| 341 | Prepare & submit Detailed Substructure Design of Energy Centre to IC, ER & Employer | 33d | 03-Jun-15 | 0d | 20-Jul-15A | 20-Jan-16A | -127d |
| 342 | Method of Construction for Substructure of Energy Centre | 0d | 0d | 100% | 05-Feb-16A | 01-Apr-16A | |
| 343 | IC checks & certifies Method of Construction for Substructure of Energy Centre | 0d | 0d | 100% | 02-Apr-16A | 05-Apr-16A | |
| 344 | IC checks & comments on Detailed Substructure Design of Energy Centre | 0d | 0d | 100% | 21-Jan-16A | 04-Feb-16A | |
| 345 | Revise & resubmit Detailed Substructure Design of Energy Centre | 0d | 0d | 100% | 05-Feb-16A | 19-Feb-16A | |
| 346 | IC checks & certifies Detailed Substructure Design of Energy Centre | 0d | 0d | 100% | 20-Feb-16A | 02-Mar-16A | |
| 347 | Employer consents to Detailed Substructure Design of Energy Centre | 0d | 0d | 100% | 29-Mar-16A | | |
| 348 | Prepare & submit Detailed Substructure Design of AD Tanks & Bund Wall to IC, ER & Employer | 58d | 20-Aug-15 | 36d | 20-May-15A | 29-Sep-16 | 308d |
| 349 | Prepare & submit Detailed Substructure Design of AD Tanks & Bund Wall to IC, ER & Employer | 58d | 20-Aug-15 | 0d | 20-May-15A | 23-Sep-15A | 28d |
| 350 | Method of Construction for Superstructure of AD Tanks & Bund Wall | 21d | 20-Aug-15 | 0d | 20-May-15A | 26-Jun-15A | 58d |
| 351 | IC checks & certifies Method of Construction for Superstructure of AD Tanks & Bund Wall | 21d | 20-Aug-15 | 0d | 24-Jun-15A | 10-Aug-15A | 28d |
| 352 | IC checks & comments on Detailed Superstructure Design of AD Tanks & Bund Wall | 14d | 18-Sep-15 | 0d | 11-Aug-15A | 23-Sep-15A | 8d |
| 353 | Revise & resubmit Detailed Superstructure Design of AD Tanks & Bund Wall | 14d | 18-Sep-15 | 0d | 27-Jun-15A | 13-Jul-15A | 80d |
| 354 | IC checks & certifies Method of Construction of Superstructure Design of AD Tanks & Bund Wall | 7d | 02-Oct-15 | 0d | 14-Jul-15A | 04-Aug-15A | 65d |
| 355 | IC checks & comments on Detailed Superstructure Design of AD Tanks & Bund Wall | 7d | 09-Oct-15 | 0d | 05-Aug-15A | 06-Aug-15A | 70d |
| 356 | Employer consents to Detailed Superstructure Design of AD Tanks & Bund Wall | 0d | 29-Oct-15 | 0d | 01-Sep-15A | | 58d |
| 357 | Prepare & submit Detailed Superstructure Design of AD Tanks & Bund Wall | 25d | 20-Aug-15 | 36d | 17-Jun-15A | 29-Sep-16 | -306d |
| 358 | Prepare & submit Detailed Superstructure Design of AD Tanks & Bund Wall | 21d | 20-Aug-15 | 0d | 17-Jun-15A | 03-Jun-16A | -174d |
| 359 | Method of Construction for Superstructure of Weighbridge | 0d | 21d | 0% | 18-Aug-16 | 15-Sep-16 | -92d |
| 360 | IC checks & certifies Method of Construction for Superstructure of Weighbridge | 0d | 14d | 0% | 16-Sep-16 | 29-Sep-16 | -130d |
| 361 | IC checks & comments on Detailed Superstructure Design of Weighbridge | 0d | 0d | 100% | 04-Jun-16A | 20-Jun-16A | |
| 362 | Revise & resubmit Detailed Superstructure Design of Weighbridge | 0d | 0d | 100% | 21-Jun-16A | 06-Jul-16A | |
| 363 | IC checks & certifies Detailed Superstructure Design of Weighbridge | 0d | 0d | 100% | 07-Jul-16A | 20-Jul-16A | |
| 364 | Employer consents to Detailed Superstructure Design of Weighbridge | 0d | 0d | 100% | 08-Aug-16A | | |
| 365 | Prepare & submit Detailed Superstructure Design of Energy Centre to IC, ER & Employer | 25d | 20-Aug-15 | 17d | 15-Aug-15A | 06-Sep-16 | 327d |
| 366 | Prepare & submit Detailed Superstructure Design of Energy Centre to IC, ER & Employer | 21d | 20-Aug-15 | 0d | 15-Aug-15A | 02-Feb-16A | -93d |
| 367 | Method of Construction for Superstructure of Energy Centre | 0d | 4d | 92% | 15-Feb-16A | 23-Aug-16 | 275d |
| 368 | IC checks & certifies Method of Construction for Superstructure of Energy Centre | 0d | 14d | 0% | 24-Aug-16 | 06-Sep-16 | 403d |
| 369 | IC checks & comments on Detailed Superstructure Design of Energy Centre | 0d | 0d | 100% | 03-Feb-16A | 12-Feb-16A | |
| 370 | Revise & resubmit Detailed Superstructure Design of Energy Centre | 0d | 0d | 100% | 13-Feb-16A | 02-Mar-16A | |
| 371 | IC checks & certifies Detailed Superstructure Design of Energy Centre | 0d | 0d | 100% | 03-Mar-16A | 10-Mar-16A | |
| 372 | Employer consents to Detailed Superstructure Design of Energy Centre | 0d | 0d | 100% | 30-Mar-16A | | |
| 373 | Prepare & submit Detailed Superstructure Design of Gate House to IC, ER & Employer | 25d | 20-Aug-15 | 36d | 01-Mar-16A | 29-Sep-16 | -85d |
| 374 | Prepare & submit Detailed Superstructure Design of Gate House to IC, ER & Employer | 21d | 20-Aug-15 | 0d | 01-Mar-16A | 03-Jun-16A | -174d |
| 375 | Method of Construction for Superstructure of Gate House | 0d | 21d | 0% | 18-Aug-16 | 15-Sep-16 | -71d |
| 376 | IC checks & certifies Method of Construction for Superstructure of Gate House | 0d | 14d | 0% | 16-Sep-16 | 29-Sep-16 | -101d |
| 377 | Revise & resubmit Detailed Superstructure Design of Gate House | 0d | 0d | 100% | 04-Jun-16A | 20-Jun-16A | |
| 378 | IC checks & comments on Detailed Superstructure Design of Gate House | 0d | 0d | 100% | 21-Jun-16A | 06-Jul-16A | |
| 379 | Revise & resubmit Detailed Superstructure Design of Gate House to IC, Employer & ER | 0d | 0d | 100% | | | |

| Task ID | Task Description | Start Date | End Date | Duration (Days) | Progress (%) | Current Status | Next Milestone |
|---------|--|------------|-----------|-----------------|--------------|----------------|---|
| 38d | Detailed Civil Design of external works (Section 1 & 2) to EPD & DSD | 27-Apr-15 | 19-Jul-15 | 84d | 100% | Completed | Prepare & submit Detailed Civil Design of external works (Section 1 & 2) |
| 25d | Method of Construction for External Works (Section 1 & 2) | 16-Jun-15 | 21-Jul-15 | 36d | 100% | Completed | Prepare & submit Method of Construction for External Works (Section 1 & 2) |
| 14d | Method of Construction for External Works (Section 1 & 2) | 22-Jul-15 | 04-Aug-15 | 14d | 100% | Completed | IC checks & certifies Method of Construction of External Works (Section 1 & 2) |
| 0d | Design of External Works (Section 1 & 2) to IC, Employer & ER | 21-Jul-15 | 21-Jul-15 | 0d | 100% | Completed | Submit Detailed Design of External Works (Section 1 & 2) to IC, Employer & ER |
| 14d | Design of External Works (Section 1 & 2) | 22-Jul-15 | 04-Aug-15 | 14d | 100% | Completed | IC checks & comments on Detailed Design of External Works (Section 1 & 2) |
| 7d | Detailed Design of External Works (Section 1 & 2) to IC, Employer & ER | 05-Aug-15 | 11-Aug-15 | 7d | 100% | Completed | Revise & resubmit Detailed Design of External Works (Section 1 & 2) to IC, Employer & ER |
| 7d | Detailed Civil Design of External Works (Section 1 & 2) | 12-Aug-15 | 18-Aug-15 | 7d | 100% | Completed | IC checks & certifies Detailed Civil Design of External Works (Section 1 & 2) |
| 0d | Design of External Works (Section 1 & 2) | 01-Sep-15 | 01-Sep-15 | 0d | 100% | Completed | Employer consents to Detailed Design of External Works (Section 1 & 2) |
| 84d | Water Supply | 27-Apr-15 | 06-Aug-15 | 104d | -115d | Delayed | Prepare & submit Detailed Design of External Works (Section 3 & 4) to WSD |
| 84d | Detailed Civil Design of external works (Section 3 & 4) to WSD | 27-Apr-15 | 06-Aug-15 | 104d | -115d | Delayed | Prepare & submit Detailed Design of External Works (Section 3 & 4) to WSD |
| 21d | Method of Construction for External Works (Section 3 & 4) | 27-Apr-15 | 27-May-15 | 30d | 100% | Completed | Prepare & submit Method of Construction for External Works (Section 3 & 4) |
| 21d | Method of Construction for External Works (Section 3 & 4) | 28-May-15 | 25-Jun-15 | 28d | 0% | Not Started | Prepare & submit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER |
| 14d | Design of External Works (Section 3 & 4) | 26-Jun-15 | 09-Jul-15 | 14d | 0% | Not Started | Prepare & submit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER |
| 0d | Design of External Works (Section 3 & 4) | 25-Jun-15 | 25-Jun-15 | 0d | 100% | Completed | IC checks & certifies Method of Construction of External Works (Section 3 & 4) |
| 14d | Design of External Works (Section 3 & 4) | 26-Jun-15 | 09-Jul-15 | 14d | 100% | Completed | IC checks & comments on Detailed Design of External Works (Section 3 & 4) |
| 7d | Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER | 10-Jul-15 | 16-Jul-15 | 7d | 100% | Completed | Revise & resubmit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER |
| 7d | Detailed Civil Design of External Works (Section 3 & 4) | 17-Jul-15 | 23-Jul-15 | 7d | 100% | Completed | IC checks & certifies Detailed Civil Design of External Works (Section 3 & 4) |
| 0d | Design of External Works (Section 3 & 4) | 06-Aug-15 | 06-Aug-15 | 0d | 100% | Completed | Employer consents to Detailed Design of External Works (Section 3 & 4) |
| 0d | Design of External Works (Section 3 & 4) | 41d | 14-Sep-15 | 06-Oct-16 | -73d | Delayed | Prepare & submit Detailed Design of External Works (Section 3 & 4) to IC, Employer & ER |
| 0d | Detailed Civil Design of external works (Section 5) to Hyd & TD | 14-Sep-15 | 06-Oct-16 | 23d | -73d | Delayed | Prepare & submit Detailed Design of External Works (Section 5) to Hyd & TD |
| 0d | Method of Construction for External Works (Section 5) | 14-Sep-15 | 12-Apr-16 | 244d | 100% | Completed | Prepare & submit Method of Construction for External Works (Section 5) |
| 0d | Method of Construction for External Works (Section 5) | 18-Aug-16 | 22-Sep-16 | 25d | 0% | Not Started | Prepare & submit Detailed Design of External Works (Section 5) |
| 0d | Design of External Works (Section 5) to IC, Employer & ER | 23-Sep-16 | 06-Oct-16 | 14d | 0% | Not Started | Prepare & submit Method of Construction for External Works (Section 5) |
| 0d | Design of External Works (Section 5) | 20-Jan-16 | 20-Jan-16 | 0d | 100% | Completed | Submit Detailed Design of External Works (Section 5) to IC, Employer & ER |
| 0d | Detailed Design of External Works (Section 5) to IC, Employer & ER | 21-Jan-16 | 03-Feb-16 | 13d | 100% | Completed | Revise & resubmit Detailed Design of External Works (Section 5) to IC, Employer & ER |
| 0d | Detailed Civil Design of External Works (Section 5) | 04-Feb-16 | 14-Mar-16 | 40d | 100% | Completed | IC checks & certifies Detailed Civil Design of External Works (Section 5) |
| 0d | Design of External Works (Section 5) | 15-Mar-16 | 19-Apr-16 | 35d | 100% | Completed | Employer consents to Detailed Civil Design of External Works (Section 5) |
| 0d | Design of External Works (Section 5) | 11-May-16 | 11-May-16 | 0d | 100% | Completed | Prepare & submit Detailed Design of External Works (Section 5) |
| 109d | Method of Construction for External Works (Section 6) | 28-Jul-15 | 04-Dec-15 | 100d | 298d | Delayed | Prepare & submit Detailed Design of External Works (Section 6) |
| 109d | Detailed Civil Design of external works (Section 6) to Hyd & TD | 28-Jul-15 | 04-Dec-15 | 100d | 298d | Delayed | Prepare & submit Detailed Design of External Works (Section 6) to Hyd & TD |
| 43d | Method of Construction for External Works (Section 6) | 28-Jul-15 | 24-Sep-15 | 57d | 72.09% | Progressing | Prepare & submit Method of Construction for External Works (Section 6) |
| 25d | Method of Construction for External Works (Section 6) | 16-Sep-15 | 23-Oct-15 | 38d | 0% | Not Started | Prepare & submit Detailed Design of External Works (Section 6) |
| 14d | Design of External Works (Section 6) | 24-Oct-15 | 06-Nov-15 | 14d | 0% | Not Started | Prepare & submit Method of Construction for External Works (Section 6) |
| 0d | Design of External Works (Section 6) to IC, Employer & ER | 23-Oct-15 | 23-Oct-15 | 0d | 100% | Completed | IC checks & certifies Method of Construction of External Works (Section 6) |
| 14d | Design of External Works (Section 6) | 24-Oct-15 | 06-Nov-15 | 14d | 100% | Completed | IC checks & comments on Detailed Design of External Works (Section 6) |
| 7d | Detailed Design of External Works (Section 6) to IC, Employer & ER | 07-Nov-15 | 13-Nov-15 | 7d | 0% | Not Started | Revise & resubmit Detailed Design of External Works (Section 6) to IC, Employer & ER |
| 7d | Detailed Civil Design of External Works (Section 6) | 14-Nov-15 | 20-Nov-15 | 7d | 0% | Not Started | IC checks & certifies Detailed Civil Design of External Works (Section 6) |
| 0d | Design of External Works (Section 6) | 04-Dec-15 | 04-Dec-15 | 0d | 0% | Not Started | Employer consents to Detailed Design of External Works (Section 6) |
| 0d | Design of external works (Section 7) | 14-Sep-15 | 03-Jun-16 | 214d | -144d | Delayed | Prepare Detailed Civil Design of External Works (Section 7) |
| 0d | Method of Construction for External Works (Section 7) | 14-Sep-15 | 03-Jun-16 | 214d | -144d | Delayed | Prepare & submit Method of Construction for External Works (Section 7) |
| 0d | Method of Construction for External Works (Section 7) | 14-Sep-15 | 05-Feb-16 | 174d | 100% | Completed | Prepare & submit Method of Construction for External Works (Section 7) |
| 0d | Method of Construction for External Works (Section 7) | 05-Apr-16 | 26-Apr-16 | 21d | 100% | Completed | IC checks & certifies Method of Construction of External Works (Section 7) |
| 0d | Design of External Works (Section 7) to IC, Employer & ER | 27-Apr-16 | 03-Jun-16 | 70d | 100% | Completed | IC checks & certifies Detailed Design of External Works (Section 7) |
| 0d | Design of External Works (Section 7) | 05-Feb-16 | 05-Feb-16 | 0d | 100% | Completed | Employer consents to Detailed Design of External Works (Section 7) |
| 0d | Design of External Works (Section 7) | 06-Feb-16 | 12-Feb-16 | 7d | 100% | Completed | Submit Detailed Design of External Works (Section 7) to IC, Employer & ER |
| 0d | Detailed Design of External Works (Section 7) to IC, Employer & ER | 13-Feb-16 | 09-Mar-16 | 26d | 100% | Completed | Revise & resubmit Detailed Design of External Works (Section 7) to IC, Employer & ER |
| 0d | Detailed Civil Design of External Works (Section 7) | 10-Mar-16 | 17-Mar-16 | 7d | 100% | Completed | IC checks & certifies Detailed Civil Design of External Works (Section 7) |
| 0d | Design of External Works (Section 7) | 05-Apr-16 | 05-Apr-16 | 0d | 100% | Completed | Employer consents to Detailed Design of External Works (Section 7) |
| 87d | Method of Construction for External Works (Sub & Superstructure - Boundary Wall) | 12-Aug-15 | 24-Nov-15 | 104d | -97d | Delayed | Prepare & submit Detailed Design of External Works (Sub & Superstructure - Boundary Wall) |
| 87d | Detailed Civil Design of external works (Sub & Superstructure - Boundary Wall) | 12-Aug-15 | 24-Nov-15 | 104d | -97d | Delayed | Prepare & submit Detailed Design of External Works (Sub & Superstructure - Boundary Wall) |
| 43d | Method of Construction for External Works (Sub & Superstructure - Boundary Wall) | 12-Aug-15 | 13-Oct-15 | 62d | -48d | Delayed | Prepare & submit Method of Construction for External Works (Sub & Superstructure - Boundary Wall) |

| Task ID | Task Name | Start Date | End Date | Duration (Days) | Progress (%) | Dependencies | Notes |
|---------|--------------------------------------|------------|------------|-----------------|--------------|--------------|-----------|
| 1 | Site Preparation & Foundation Work | 2023-01-15 | 2023-03-15 | 60 | 100% | None | Completed |
| 2 | Structural Framework Construction | 2023-03-15 | 2023-06-15 | 90 | 100% | 1 | Completed |
| 3 | Roofing & Exterior Cladding | 2023-06-15 | 2023-08-15 | 60 | 100% | 2 | Completed |
| 4 | Interior Wall & Ceiling Installation | 2023-08-15 | 2023-10-15 | 60 | 100% | 3 | Completed |
| 5 | Electrical & Plumbing Rough-in | 2023-08-15 | 2023-10-15 | 60 | 100% | 3 | Completed |
| 6 | Final Interior Finishes | 2023-10-15 | 2023-12-15 | 60 | 100% | 4, 5 | Completed |
| 7 | Site Cleanup & Final Inspection | 2023-12-15 | 2024-01-15 | 30 | 100% | 6 | Completed |
| 8 | Handover to Client | 2024-01-15 | 2024-01-15 | 1 | 100% | 7 | Completed |
| 9 | Project Summary & Reporting | 2024-01-15 | 2024-02-15 | 30 | 100% | 8 | Completed |
| 10 | Client Meeting & Feedback | 2024-02-15 | 2024-02-15 | 1 | 100% | 9 | Completed |
| 11 | Final Project Review | 2024-02-15 | 2024-03-15 | 30 | 100% | 10 | Completed |
| 12 | Project Archiving | 2024-03-15 | 2024-03-15 | 1 | 100% | 11 | Completed |
| 13 | Client Satisfaction Survey | 2024-03-15 | 2024-04-15 | 30 | 100% | 12 | Completed |
| 14 | Project Closeout | 2024-04-15 | 2024-04-15 | 1 | 100% | 13 | Completed |
| 15 | Post-Project Support | 2024-04-15 | 2024-05-15 | 30 | 100% | 14 | Completed |
| 16 | Client Appreciation Letter | 2024-05-15 | 2024-05-15 | 1 | 100% | 15 | Completed |
| 17 | Project Retrospective | 2024-05-15 | 2024-06-15 | 30 | 100% | 16 | Completed |
| 18 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 17 | Completed |
| 19 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 18 | Completed |
| 20 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 19 | Completed |
| 21 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 20 | Completed |
| 22 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 21 | Completed |
| 23 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 22 | Completed |
| 24 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 23 | Completed |
| 25 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 24 | Completed |
| 26 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 25 | Completed |
| 27 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 26 | Completed |
| 28 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 27 | Completed |
| 29 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 28 | Completed |
| 30 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 29 | Completed |
| 31 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 30 | Completed |
| 32 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 31 | Completed |
| 33 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 32 | Completed |
| 34 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 33 | Completed |
| 35 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 34 | Completed |
| 36 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 35 | Completed |
| 37 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 36 | Completed |
| 38 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 37 | Completed |
| 39 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 38 | Completed |
| 40 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 39 | Completed |
| 41 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 40 | Completed |
| 42 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 41 | Completed |
| 43 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 42 | Completed |
| 44 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 43 | Completed |
| 45 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 44 | Completed |
| 46 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 45 | Completed |
| 47 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 46 | Completed |
| 48 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 47 | Completed |
| 49 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 48 | Completed |
| 50 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 49 | Completed |
| 51 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 50 | Completed |
| 52 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 51 | Completed |
| 53 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 52 | Completed |
| 54 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 53 | Completed |
| 55 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 54 | Completed |
| 56 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 55 | Completed |
| 57 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 56 | Completed |
| 58 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 57 | Completed |
| 59 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 58 | Completed |
| 60 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 59 | Completed |
| 61 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 60 | Completed |
| 62 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 61 | Completed |
| 63 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 62 | Completed |
| 64 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 63 | Completed |
| 65 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 64 | Completed |
| 66 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 65 | Completed |
| 67 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 66 | Completed |
| 68 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 67 | Completed |
| 69 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 68 | Completed |
| 70 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 69 | Completed |
| 71 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 70 | Completed |
| 72 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 71 | Completed |
| 73 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 72 | Completed |
| 74 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 73 | Completed |
| 75 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 74 | Completed |
| 76 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 75 | Completed |
| 77 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 76 | Completed |
| 78 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 77 | Completed |
| 79 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 78 | Completed |
| 80 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 79 | Completed |
| 81 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 80 | Completed |
| 82 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 81 | Completed |
| 83 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 82 | Completed |
| 84 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 83 | Completed |
| 85 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 84 | Completed |
| 86 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 85 | Completed |
| 87 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 86 | Completed |
| 88 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 87 | Completed |
| 89 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 88 | Completed |
| 90 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 89 | Completed |
| 91 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 90 | Completed |
| 92 | Project Archiving | 2024-06-15 | 2024-06-15 | 1 | 100% | 91 | Completed |
| 93 | Client Satisfaction Survey | 2024-06-15 | 2024-06-15 | 1 | 100% | 92 | Completed |
| 94 | Project Closeout | 2024-06-15 | 2024-06-15 | 1 | 100% | 93 | Completed |
| 95 | Post-Project Support | 2024-06-15 | 2024-06-15 | 1 | 100% | 94 | Completed |
| 96 | Client Appreciation Letter | 2024-06-15 | 2024-06-15 | 1 | 100% | 95 | Completed |
| 97 | Project Retrospective | 2024-06-15 | 2024-06-15 | 1 | 100% | 96 | Completed |
| 98 | Final Project Report | 2024-06-15 | 2024-06-15 | 1 | 100% | 97 | Completed |
| 99 | Project Handover to Client | 2024-06-15 | 2024-06-15 | 1 | 100% | 98 | Completed |
| 100 | Client Meeting & Feedback | 2024-06-15 | 2024-06-15 | 1 | 100% | 99 | Completed |
| 101 | Final Project Review | 2024-06-15 | 2024-06-15 | 1 | 100% | 100 | Completed |

| Task ID | Task Name | Start Date | End Date | Progress (%) | Completion Status | Notes |
|---------|--|------------|------------|--------------|-------------------|---|
| 153d | Waste Receiving Equipment & Performance Submission to IC, ER & Employer | 28-Dec-14 | 04-Jan-15A | 100% | 0d | Prepare & make Waste Receiving Equipment & Performance Submission to IC, ER & Employer |
| 14d | Waste Receiving, Storage & Feeding Equipment | 24-Jan-15A | 16-Feb-15A | 100% | 0d | IC checks & comments on Waste Receiving, Storage & Feeding Equipment |
| 7d | Waste Receiving, Storage & Feeding Equipment to IC, Employer & ER | 16-Feb-15A | 18-Feb-15A | 100% | 0d | Revise & resubmit Waste Receiving, Storage & Feeding Equipment to IC, Employer & ER |
| 7d | Waste Receiving, Storage and Feeding Equipment | 17-Feb-15A | 26-Feb-15A | 100% | 0d | IC checks & certifies Waste Receiving, Storage and Feeding Equipment |
| 0d | Waste Receiving, Storage and Feeding Equipment | 19-Feb-15A | 19-Jun-15A | 100% | 0d | Employer consents to Waste Receiving, Storage and Feeding Equipment |
| 33d | Detailed Design of Waste Receiving, Storage & Feeding System to IC, ER & | 07-May-15 | 07-Oct-15A | 100% | 0d | Prepare & submit Detailed Design of Waste Receiving, Storage & Feeding Equipment |
| 14d | Detailed Design of Waste Receiving, Storage & Feeding System | 10-Jun-15 | 06-Nov-15A | 100% | 0d | IC checks & comments on Detailed Design of Waste Receiving, Storage & Feeding System |
| 7d | Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer | 17-Jun-15 | 18-Nov-15A | 100% | 0d | Revise & resubmit Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer & ER |
| 7d | Waste Receiving, Storage and Feeding System | 24-Jun-15 | 24-Nov-15A | 100% | 0d | IC checks & certifies Waste Receiving, Storage and Feeding System |
| 0d | Waste Receiving, Storage and Feeding System | 08-Jul-15 | 07-Dec-15A | 100% | 0d | Employer consents to Waste Receiving, Storage and Feeding System |
| 155d | Pre-treatment Equipment & Performance Submission to IC, ER & Employer | 08-Jan-15 | 18-Jan-16A | 100% | 0d | Prepare & make Pre-treatment Equipment & Performance Submission to IC, ER & Employer |
| 155d | Pre-treatment Equipment (IC, Employer & ER) | 20-Jul-15 | 18-Jan-16A | 100% | 0d | IC checks & comments on Pre-treatment Equipment |
| 155d | Pre-treatment Equipment | 20-Jul-15 | 18-Jan-16A | 100% | 0d | Revise & resubmit Pre-treatment Equipment (IC, Employer & ER) |
| 20d | Pre-treatment Equipment | 04-Feb-15 | 03-Feb-15A | 100% | 0d | IC checks & certifies Pre-treatment Equipment |
| 14d | Pre-treatment Equipment | 18-Feb-15 | 27-Feb-15A | 100% | 0d | Employer consents to Pre-treatment Equipment |
| 7d | Pre-treatment Equipment | 19-Feb-15 | 04-Mar-15A | 100% | 0d | Prepare & submit Detailed Design of Pre-treatment System to IC, ER & Employer |
| 7d | Pre-treatment Equipment | 26-Feb-15 | 09-Mar-15A | 100% | 0d | IC checks & comments on Detailed Design of Pre-treatment System |
| 0d | Pre-treatment Equipment | 18-Mar-15 | 25-Jun-15A | 100% | 0d | Revise & resubmit Detailed Design of Pre-treatment System to IC, Employer & ER |
| 33d | Detailed Design of Pre-treatment System to IC, ER & Employer | 21-Apr-15 | 11-Aug-15A | 100% | 0d | Prepare & submit Detailed Design of Pre-treatment System to IC, ER & Employer |
| 14d | Detailed Design of Pre-treatment System | 09-Jun-15 | 20-Aug-15A | 100% | 0d | IC checks & comments on Detailed Design of Pre-treatment System |
| 7d | Detailed Design of Pre-treatment System to IC, Employer & ER | 23-Jun-15 | 15-Sep-15A | 100% | 0d | Revise & resubmit Detailed Design of Pre-treatment System to IC, Employer & ER |
| 7d | Detailed Design of Pre-treatment System | 30-Jun-15 | 25-Sep-15A | 100% | 0d | IC checks & certifies Detailed Design of Pre-treatment System |
| 0d | Detailed Design of Pre-treatment System | 20-Jul-15 | 18-Jan-16A | 100% | 0d | Employer consents to Detailed Design of Pre-treatment System |
| 205d | AD Equipment & Performance Submission to IC, ER & Employer | 09-Feb-15 | 20-Oct-15 | 100% | 0d | Prepare & make AD Equipment & Performance Submission to IC, ER & Employer |
| 205d | AD Equipment | 09-Feb-15 | 20-Oct-15 | 100% | 0d | IC checks & comments on AD Equipment |
| 205d | AD Equipment | 09-Feb-15 | 20-Oct-15 | 100% | 0d | Revise & resubmit AD Equipment to IC, Employer & ER |
| 18d | AD Equipment | 09-Feb-15 | 06-Mar-15 | 100% | 0d | IC checks & certifies AD Equipment |
| 14d | AD Equipment | 07-Mar-15 | 09-Mar-15A | 100% | 0d | Employer consents to AD Equipment |
| 7d | AD Equipment to IC, Employer & ER | 21-Mar-15 | 13-Mar-15A | 100% | 0d | Prepare & submit Detailed Design of AD Treatment System to IC, ER & Employer |
| 7d | AD Equipment | 28-Mar-15 | 09-Mar-15A | 100% | 0d | IC checks & comments on Detailed Design of AD Treatment System |
| 0d | AD Equipment | 17-Apr-15 | 12-Oct-15A | 100% | 0d | Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER |
| 39d | Detailed Design of AD Treatment System to IC, ER & Employer | 16-Jul-15 | 24-Jul-15A | 100% | 0d | Prepare & submit Detailed Design of AD Treatment System to IC, ER & Employer |
| 14d | Detailed Design of AD Treatment System | 09-Sep-15 | 06-Aug-15A | 100% | 0d | IC checks & comments on Detailed Design of AD Treatment System |
| 7d | Detailed Design of AD Treatment System to IC, Employer & ER | 23-Sep-15 | 24-Aug-15A | 100% | 0d | Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER |
| 7d | AD Treatment System | 30-Sep-15 | 04-Sep-15A | 100% | 0d | IC checks & certifies AD Treatment System |
| 0d | AD Treatment System | 20-Oct-15 | 21-Dec-15A | 100% | 0d | Employer consents to Detailed Design of AD Treatment System |
| 152d | Bogas Equipment & Performance Submission to IC, ER & Employer | 28-Jan-15 | 01-Mar-16A | 100% | 0d | Prepare & make Bogas Equipment & Performance Submission to IC, ER & Employer |
| 152d | Bogas Equipment | 28-Jan-15 | 01-Mar-16A | 100% | 0d | IC checks & comments on Bogas Cleaning & Storage Equipment |
| 152d | Bogas Equipment | 28-Jan-15 | 01-Mar-16A | 100% | 0d | Revise & resubmit Bogas Cleaning & Storage Equipment to IC, Employer & ER |
| 18d | Bogas Equipment | 28-Jan-15 | 23-Feb-15A | 100% | 0d | IC checks & certifies Bogas Cleaning & Storage Equipment |
| 14d | Bogas Equipment | 25-Feb-15 | 06-Mar-15A | 100% | 0d | Employer consents to Bogas Cleaning & Storage Equipment |
| 7d | Bogas Cleaning & Storage Equipment to IC, Employer & ER | 11-Mar-15 | 13-Mar-15A | 100% | 0d | Prepare & submit Detailed Design of Bogas System to IC, ER & Employer |
| 7d | Bogas Cleaning & Storage Equipment | 18-Mar-15 | 16-Mar-15A | 100% | 0d | IC checks & comments on Detailed Design of Bogas System |
| 0d | Bogas Cleaning & Storage Equipment | 07-Apr-15 | 01-Mar-16A | 100% | 0d | Revise & resubmit Detailed Design of Bogas System to IC, Employer & ER |
| 37d | Detailed Design of Bogas System to IC, ER & Employer | 04-May-15 | 23-Oct-15A | 100% | 0d | Prepare & submit Detailed Design of Bogas System to IC, ER & Employer |
| 14d | Detailed Design of Bogas System | 25-Jun-15 | 09-Nov-15A | 100% | 0d | IC checks & comments on Detailed Design of Bogas System |
| 7d | Detailed Design of Bogas System to IC, Employer & ER | 09-Jul-15 | 10-Dec-15A | 100% | 0d | Revise & resubmit Detailed Design of Bogas System to IC, Employer & ER |
| 7d | Bogas Cleaning & Storage System | 16-Jul-15 | 15-Dec-15A | 100% | 0d | IC checks & certifies Bogas Cleaning & Storage System |
| 0d | Bogas Cleaning & Storage System | 05-Aug-15 | 07-Jan-16A | 100% | 0d | Employer consents to Bogas Cleaning & Storage System |
| 135d | (CHP) Generation System | 15-Jan-15 | 07-Dec-15A | 100% | 0d | Prepare & make (CHP) Generation System & Performance Submission to IC, ER & Employer |

| Task ID | Task Name | Start Date | End Date | Progress (%) | Current Status | Dependencies | Notes |
|---------|--|------------|------------|--------------|----------------|--------------|--|
| 1 | Finalize CHP Equipment Specifications | 2024-01-15 | 2024-02-15 | 100% | Completed | None | IC checks & certifies CHP Equipment |
| 2 | Obtain permits for CHP Equipment | 2024-03-15 | 2024-06-15 | 100% | Completed | 1 | Employer consents to CHP Equipment |
| 3 | Detailed Design of CHP Generation System to IC, ER & Employer | 2024-03-15 | 2024-05-15 | 100% | Completed | 2 | Prepare & submit Detailed Design of CHP Generation System to IC, ER & Employer |
| 4 | IC checks & comments on Detailed Design of CHP Generation System | 2024-05-15 | 2024-07-15 | 100% | Completed | 3 | IC checks & comments on Detailed Design of CHP Generation System |
| 5 | Detailed Design of CHP Generation System to IC, Employer & ER | 2024-06-15 | 2024-08-15 | 100% | Completed | 4 | Revise & resubmit Detailed Design of CHP Generation System to IC, Employer & ER |
| 6 | Finalize CHP Generation System | 2024-06-15 | 2024-09-15 | 100% | Completed | 5 | IC checks & certifies CHP Generation System |
| 7 | Obtain permits for CHP Generation System | 2024-07-15 | 2024-10-15 | 100% | Completed | 6 | Employer consents to CHP Generation System |
| 8 | Procure CHP Generation System (CEMS) | 2024-07-15 | 2024-10-15 | 100% | Completed | 7 | Prepare & make CEMS Equipment & Performance Submission to IC, ER & Employer |
| 9 | IC checks & comments on CEMS Equipment | 2024-08-15 | 2024-10-15 | 100% | Completed | 8 | IC checks & comments on CEMS Equipment |
| 10 | Revise & resubmit CEMS Equipment to IC, Employer & ER | 2024-09-15 | 2024-11-15 | 100% | Completed | 9 | Revise & resubmit CEMS Equipment to IC, Employer & ER |
| 11 | Finalize CEMS Equipment | 2024-10-15 | 2024-11-15 | 100% | Completed | 10 | IC checks & certifies CEMS Equipment |
| 12 | Obtain permits for CEMS Equipment | 2024-11-15 | 2024-12-15 | 100% | Completed | 11 | Employer consents to CEMS Equipment |
| 13 | Detailed Design of CEMS to IC, ER & Employer | 2024-12-15 | 2025-01-15 | 100% | Completed | 12 | Prepare & submit Detailed Design of CEMS to IC, ER & Employer |
| 14 | IC checks & comments on Detailed Design of CEMS | 2025-01-15 | 2025-02-15 | 100% | Completed | 13 | IC Checks & comments on Detailed Design of CEMS |
| 15 | Detailed Design of CEMS to IC, Employer & ER | 2025-02-15 | 2025-03-15 | 100% | Completed | 14 | Revise & resubmit Detailed Design of CEMS to IC, Employer & ER |
| 16 | Finalize CEMS | 2025-03-15 | 2025-04-15 | 100% | Completed | 15 | IC checks & certifies CEMS |
| 17 | Obtain permits for CEMS | 2025-04-15 | 2025-05-15 | 100% | Completed | 16 | Employer consents to CEMS |
| 18 | Procure CEMS Equipment | 2025-05-15 | 2025-08-15 | 100% | Completed | 17 | Prepare & make Digestate Dewatering Equipment & Performance Submission to IC, ER & Employer |
| 19 | IC checks & comments on Digestate Dewatering Equipment | 2025-08-15 | 2025-10-15 | 100% | Completed | 18 | IC checks & comments on Digestate Dewatering Equipment |
| 20 | Revise & resubmit Digestate Dewatering Equipment to IC, Employer & ER | 2025-10-15 | 2025-11-15 | 100% | Completed | 19 | Revise & resubmit Digestate Dewatering Equipment to IC, Employer & ER |
| 21 | Finalize Digestate Dewatering Equipment | 2025-11-15 | 2025-12-15 | 100% | Completed | 20 | IC checks & certifies Digestate Dewatering Equipment |
| 22 | Obtain permits for Digestate Dewatering Equipment | 2025-12-15 | 2026-01-15 | 100% | Completed | 21 | Employer consents to Digestate Dewatering Equipment |
| 23 | Detailed Design of Digestate Dewatering System to IC, ER & Employer | 2026-01-15 | 2026-02-15 | 100% | Completed | 22 | Prepare & submit Detailed Design of Digestate Dewatering System to IC, ER & Employer |
| 24 | IC checks & comments on Detailed Design of Digestate Dewatering System | 2026-02-15 | 2026-03-15 | 100% | Completed | 23 | IC checks & comments on Detailed Design of Digestate Dewatering System |
| 25 | Detailed Design of Digestate Dewatering System to IC, Employer & ER | 2026-03-15 | 2026-04-15 | 100% | Completed | 24 | Revise & resubmit Detailed Design of Digestate Dewatering System to IC, Employer & ER |
| 26 | Finalize Digestate Dewatering System | 2026-04-15 | 2026-05-15 | 100% | Completed | 25 | IC checks & certifies Digestate Dewatering System |
| 27 | Obtain permits for Digestate Dewatering System | 2026-05-15 | 2026-06-15 | 100% | Completed | 26 | Employer consents to Digestate Dewatering System |
| 28 | Procure Digestate Dewatering System | 2026-06-15 | 2026-09-15 | 100% | Completed | 27 | Prepare & submit Detailed Design of Digestate Dewatering System to IC, Employer & ER |
| 29 | IC checks & comments on Digestate Dewatering System | 2026-09-15 | 2026-11-15 | 100% | Completed | 28 | IC checks & certifies Digestate Dewatering System |
| 30 | Obtain permits for Digestate Dewatering System | 2026-11-15 | 2026-12-15 | 100% | Completed | 29 | Employer consents to Digestate Dewatering System |
| 31 | Detailed Design of Composting & Maturation Equipment | 2026-12-15 | 2027-01-15 | 100% | Completed | 30 | Prepare & make Composting & Maturation Equipment & Performance Submission to IC, ER & Employer |
| 32 | IC checks & comments on Composting & Maturation Equipment | 2027-01-15 | 2027-02-15 | 100% | Completed | 31 | IC checks & comments on Composting & Maturation Equipment |
| 33 | Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER | 2027-02-15 | 2027-03-15 | 100% | Completed | 32 | Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER |
| 34 | Finalize Composting & Maturation Equipment | 2027-03-15 | 2027-04-15 | 100% | Completed | 33 | IC checks & certifies Composting & Maturation Equipment |
| 35 | Obtain permits for Composting & Maturation Equipment | 2027-04-15 | 2027-05-15 | 100% | Completed | 34 | Employer consents to Composting & Maturation Equipment |
| 36 | Detailed Design of Composting System to IC, ER & Employer | 2027-05-15 | 2027-06-15 | 100% | Completed | 35 | Prepare & submit Detailed Design of Composting System to IC, ER & Employer |
| 37 | IC checks & comments on Detailed Design of Composting System | 2027-06-15 | 2027-07-15 | 100% | Completed | 36 | IC checks & comments on Detailed Design of Composting System |
| 38 | Detailed Design of Composting System to IC, Employer & ER | 2027-07-15 | 2027-08-15 | 100% | Completed | 37 | Revise & resubmit Detailed Design of Composting System to IC, Employer & ER |
| 39 | Finalize Composting System | 2027-08-15 | 2027-09-15 | 100% | Completed | 38 | IC checks & certifies Composting System |
| 40 | Obtain permits for Composting System | 2027-09-15 | 2027-10-15 | 100% | Completed | 39 | Employer consents to Composting System |
| 41 | Procure Composting System (WTS) | 2027-10-15 | 2027-11-15 | 100% | Completed | 40 | Prepare & make WWTS Equipment & Performance Submission to IC, ER & Employer |
| 42 | IC checks & comments on WWTS Equipment | 2027-11-15 | 2027-12-15 | 100% | Completed | 41 | IC checks & comments on WWTS Equipment |
| 43 | Obtain permits for WWTS Equipment | 2027-12-15 | 2028-01-15 | 100% | Completed | 42 | Employer consents to WWTS Equipment |
| 44 | Detailed Design of WWTS System to IC, Employer & ER | 2028-01-15 | 2028-02-15 | 100% | Completed | 43 | Prepare & submit Detailed Design of WWTS System to IC, Employer & ER |

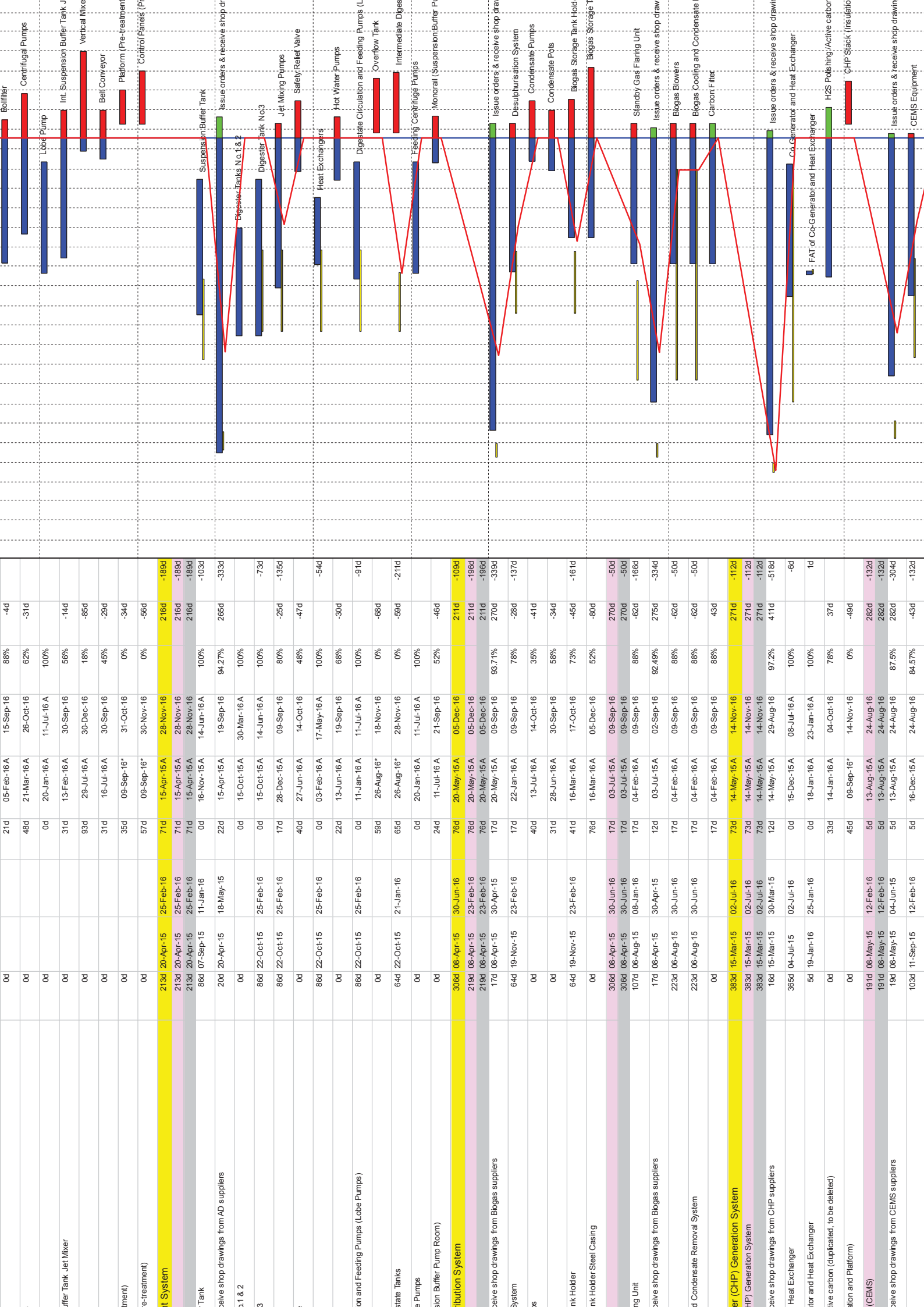
| Task ID | | Task Name | | Start Date | | End Date | | Duration (Days) | | Status | | Dependencies | |
|---------|---|----------------|------------|-----------------|----------------|--|------------|-----------------|-----------------|----------------|--|--------------|--|
| Task ID | Task Name | Start Date | End Date | Duration (Days) | Status | Dependencies | Start Date | End Date | Duration (Days) | Status | Dependencies | | |
| 1 | Detailed Design of WWTSS to IC, Employer & ER | 15-Aug-15A | 01-Sep-15A | 100% | 1d | Prepare & resubmit Detailed Design of WWTSS to IC, Employer & ER | 15-Aug-15A | 01-Sep-15A | 100% | 1d | Prepare & resubmit Detailed Design of WWTSS to IC, Employer & ER | | |
| 2 | Wastewater Treatment System | 26-Aug-15A | 11-Sep-15A | 100% | -2d | IC checks & certifies Wastewater Treatment System | 26-Aug-15A | 11-Sep-15A | 100% | -2d | IC checks & certifies Wastewater Treatment System | | |
| 3 | Wastewater Treatment System | 23-Sep-15 | 28-Oct-15A | 100% | -35d | Employer consents to Wastewater Treatment System | 23-Sep-15 | 28-Oct-15A | 100% | -35d | Employer consents to Wastewater Treatment System | | |
| 4 | APC) System | 203d 18-Dec-14 | 27-Aug-15 | 37d | 203d 18-Dec-14 | 27-Aug-15 | 27-Aug-15 | 12-Oct-15A | 37d | 203d 18-Dec-14 | 27-Aug-15 | | |
| 5 | APC) System | 203d 18-Dec-14 | 27-Aug-15 | 37d | 203d 18-Dec-14 | 27-Aug-15 | 27-Aug-15 | 12-Oct-15A | 37d | 203d 18-Dec-14 | 27-Aug-15 | | |
| 6 | APC) System | 203d 18-Dec-14 | 27-Aug-15 | 37d | 203d 18-Dec-14 | 27-Aug-15 | 27-Aug-15 | 12-Oct-15A | 37d | 203d 18-Dec-14 | 27-Aug-15 | | |
| 7 | APC) System | 17d 18-Dec-14 | 14-Jan-15 | 0d | 100% | 0d | 18-Dec-14A | 14-Jan-15 | 100% | 0d | 18-Dec-14A | | |
| 8 | APC) System | 14d 15-Jan-15 | 28-Jan-15 | 1d | 100% | 0d | 15-Jan-15A | 27-Jan-15A | 100% | 1d | 15-Jan-15A | | |
| 9 | APC) System | 7d 29-Jan-15 | 04-Feb-15 | 1d | 100% | 0d | 28-Jan-15A | 03-Feb-15A | 100% | 1d | 28-Jan-15A | | |
| 10 | APC) System | 7d 05-Feb-15 | 11-Feb-15 | -14d | 100% | 0d | 04-Feb-15A | 25-Feb-15A | 100% | -14d | 04-Feb-15A | | |
| 11 | APC) System | 0d | 25-Feb-15 | -75d | 100% | 0d | 11-May-15A | 11-May-15A | 100% | -75d | 11-May-15A | | |
| 12 | APC) System | 34d 29-May-15 | 16-Jul-15 | 28d | 100% | 0d | 12-May-15A | 05-Jun-15A | 100% | 28d | 12-May-15A | | |
| 13 | APC) System | 14d 17-Jul-15 | 30-Jun-15 | 37d | 100% | 0d | 06-Jun-15A | 23-Jun-15A | 100% | 37d | 06-Jun-15A | | |
| 14 | APC) System | 7d 31-Jul-15 | 06-Aug-15 | 35d | 100% | 0d | 24-Jun-15A | 02-Jul-15A | 100% | 35d | 24-Jun-15A | | |
| 15 | APC) System | 7d 07-Aug-15 | 13-Aug-15 | 13d | 100% | 0d | 03-Jul-15A | 31-Jul-15A | 100% | 13d | 03-Jul-15A | | |
| 16 | APC) System | 0d | 27-Aug-15 | -46d | 100% | 0d | 12-Oct-15A | 12-Oct-15A | 100% | -46d | 12-Oct-15A | | |
| 17 | APC) System | 181d 09-Mar-15 | 16-Oct-15 | 286d | 181d 09-Mar-15 | 16-Oct-15 | 09-Mar-15A | 27-Oct-16 | 286d | 181d 09-Mar-15 | 16-Oct-15 | | |
| 18 | APC) System | 0d | 02-Jan-16A | -85d | 100% | 37d | 02-Jan-16A | 30-Sep-16 | 100% | -85d | 02-Jan-16A | | |
| 19 | APC) System | 0d | 02-Jan-16 | -85d | 100% | 0d | 02-Jan-16A | 27-Feb-16A | 100% | -85d | 02-Jan-16A | | |
| 20 | APC) System | 0d | 29-Feb-16A | 100% | 0d | 29-Feb-16A | 23-Mar-16A | 100% | 0d | 29-Feb-16A | | | |
| 21 | APC) System | 0d | 24-Mar-16A | 100% | 0d | 24-Mar-16A | 03-May-16A | 100% | 0d | 24-Mar-16A | | | |
| 22 | APC) System | 0d | 04-May-16A | 100% | 0d | 04-May-16A | 24-Jun-16A | 100% | 0d | 04-May-16A | | | |
| 23 | APC) System | 0d | 06-Jul-16A | 100% | 0d | 06-Jul-16A | 06-Jul-16A | 100% | 0d | 06-Jul-16A | | | |
| 24 | APC) System | 0d | 18-May-16A | 100% | 0d | 18-May-16A | 19-Jul-16A | 100% | 0d | 18-May-16A | | | |
| 25 | APC) System | 0d | 20-Jul-16A | 100% | 0d | 20-Jul-16A | 15-Aug-16A | 100% | 0d | 20-Jul-16A | | | |
| 26 | APC) System | 0d | 16-Aug-16A | 0% | -83d | 5d | 16-Aug-16A | 22-Aug-16 | 0% | -83d | 16-Aug-16A | | |
| 27 | APC) System | 0d | 23-Aug-16 | 0% | -83d | 7d | 23-Aug-16 | 29-Aug-16 | 0% | -83d | 23-Aug-16 | | |
| 28 | APC) System | 0d | 30-Sep-16 | 0% | -101d | 0d | 30-Sep-16 | 30-Sep-16 | 0% | -101d | 30-Sep-16 | | |
| 29 | APC) System | 181d 09-Mar-15 | 16-Oct-15 | 286d | 181d 09-Mar-15 | 16-Oct-15 | 09-Mar-15A | 27-Oct-16 | 286d | 181d 09-Mar-15 | 16-Oct-15 | | |
| 30 | APC) System | 181d 09-Mar-15 | 16-Oct-15 | 286d | 181d 09-Mar-15 | 16-Oct-15 | 09-Mar-15A | 27-Oct-16 | 286d | 181d 09-Mar-15 | 16-Oct-15 | | |
| 31 | APC) System | 19d 09-Mar-15 | 02-Apr-15 | 0d | 100% | 0d | 09-Mar-15A | 11-Aug-16A | 100% | 0d | 09-Mar-15A | | |
| 32 | APC) System | 14d 03-Apr-15 | 16-Apr-15 | 418d | 75% | 5d | 01-Apr-15A | 22-Aug-16 | 75% | 418d | 01-Apr-15A | | |
| 33 | APC) System | 7d 17-Apr-15 | 23-Apr-15 | 411d | 80% | 12d | 16-Apr-15A | 29-Aug-16 | 80% | 411d | 16-Apr-15A | | |
| 34 | APC) System | 7d 24-Apr-15 | 30-Apr-15 | 390d | 78% | 19d | 22-Apr-15A | 05-Sep-16 | 78% | 390d | 22-Apr-15A | | |
| 35 | APC) System | 0d | 14-May-15 | 0% | 390d | 0d | 19-Sep-16 | 19-Sep-16 | 0% | 390d | 19-Sep-16 | | |
| 36 | APC) System | 37d 02-Jul-15 | 21-Aug-15 | -32d | 82% | 21d | 02-May-15A | 15-Sep-16 | 82% | -32d | 02-May-15A | | |
| 37 | APC) System | 14d 22-Aug-15 | 04-Sep-15 | 380d | 78% | 43d | 13-May-15A | 29-Sep-16 | 78% | 380d | 13-May-15A | | |
| 38 | APC) System | 7d 05-Sep-15 | 11-Sep-15 | 373d | 73% | 50d | 10-Jul-15A | 06-Oct-16 | 73% | 373d | 10-Jul-15A | | |
| 39 | APC) System | 7d 12-Sep-15 | 18-Sep-15 | -391d | 70% | 57d | 15-Jul-15A | 13-Oct-16 | 70% | -391d | 15-Jul-15A | | |
| 40 | APC) System | 0d | 16-Oct-15 | 0% | -377d | 0d | 27-Oct-16 | 27-Oct-16 | 0% | -377d | 27-Oct-16 | | |
| 41 | APC) System | 38d 11-Aug-15 | 23-Sep-15 | -74d | 295d | 30d | 14-Aug-15A | 22-Sep-16 | 295d | -74d | 14-Aug-15A | | |
| 42 | APC) System | 38d 11-Aug-15 | 23-Sep-15 | -74d | 295d | 30d | 14-Aug-15A | 22-Sep-16 | 295d | -74d | 14-Aug-15A | | |
| 43 | APC) System | 32d 11-Aug-15 | 23-Sep-15 | -152d | 100% | 0d | 14-Aug-15A | 10-May-16A | 100% | -152d | 14-Aug-15A | | |
| 44 | APC) System | 0d | 11-May-16A | 100% | 0d | 0d | 11-May-16A | 04-Jul-16A | 100% | 0d | 11-May-16A | | |
| 45 | APC) System | 0d | 05-Jul-16A | 55% | -88d | 15d | 05-Jul-16A | 01-Sep-16 | 55% | -88d | 05-Jul-16A | | |
| 46 | APC) System | 0d | 02-Sep-16 | 0% | -88d | 7d | 02-Sep-16 | 08-Sep-16 | 0% | -88d | 02-Sep-16 | | |
| 47 | APC) System | 0d | 22-Sep-16 | 0% | -88d | 0d | 22-Sep-16 | 22-Sep-16 | 0% | -88d | 22-Sep-16 | | |
| 48 | APC) System | 166d 30-Mar-15 | 20-Oct-15 | -72d | 320d | 66d | 20-Mar-15A | 17-Nov-16 | 320d | -72d | 20-Mar-15A | | |
| 49 | APC) System | 166d 30-Mar-15 | 20-Oct-15 | -72d | 320d | 66d | 20-Mar-15A | 17-Nov-16 | 320d | -72d | 20-Mar-15A | | |
| 50 | APC) System | 17d 30-Mar-15 | 24-Apr-15 | 2d | 100% | 0d | 20-Mar-15A | 22-Apr-15A | 100% | 2d | 20-Mar-15A | | |

| Activity | Start Date | End Date | Duration | Progress | Notes | | |
|---|----------------|-----------|----------|------------|------------|------|-------|
| Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 1) (1st) | 39d 16-Jul-15 | 08-Sep-15 | 0d | 15-Jul-15A | 05-Oct-15A | 100% | -17d |
| Comments on Detailed Design of SCADA/PLC System (Batch 1) (1st) | 14d 09-Sep-15 | 22-Sep-15 | 0d | 06-Oct-15A | 29-Oct-15A | 100% | -37d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 1) (2nd) | 7d 23-Sep-15 | 29-Sep-15 | 0d | 30-Oct-15A | 05-Nov-15A | 100% | -37d |
| Comments on Detailed Design of SCADA/PLC System (Batch 1) (2nd) | 0d | | 0d | 06-Nov-15A | 24-Nov-15A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 1) (3rd) | 0d | | 0d | 25-Nov-15A | 23-Dec-15A | 100% | |
| Issues SCADA/PLC System (Batch 1) (3rd) | 7d 30-Sep-15 | 06-Oct-15 | 9d | 24-Dec-15A | 26-Aug-16 | 80% | -18d |
| Comments on Detailed Design of SCADA/PLC System (Batch 1) | 0d | 20-Oct-15 | 0d | 09-Sep-16 | | 0% | -18d |
| Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 2) (1st) | 0d | | 0d | 15-Jul-15A | 02-Dec-15A | 100% | |
| Comments on Detailed Design of SCADA/PLC System (Batch 2) (1st) | 0d | | 0d | 03-Dec-15A | 13-Jan-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (2nd) | 0d | | 0d | 14-Jan-16A | 25-Jan-16A | 100% | |
| Comments on Detailed Design of SCADA/PLC System (Batch 2) (2nd) | 0d | | 15d | 26-Jan-16A | 01-Sep-16 | 75% | -62d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (3rd) | 0d | | 29d | 02-Sep-16 | 30-Sep-16 | 0% | -62d |
| Issues SCADA/PLC System (Batch 2) (3rd) | 0d | | 7d | 01-Oct-16 | 07-Oct-16 | 0% | -62d |
| Comments on Detailed Design of SCADA/PLC System (Batch 2) | 0d | | 0d | | 21-Oct-16 | 0% | -62d |
| Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 3) (1st) | 0d | | 21d | 01-Dec-15A | 15-Sep-16 | 60% | -62d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (1st) | 0d | | 14d | 16-Sep-16 | 29-Sep-16 | 0% | -87d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (2nd) | 0d | | 7d | 30-Sep-16 | 06-Oct-16 | 0% | -87d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (2nd) | 0d | | 14d | 07-Oct-16 | 20-Oct-16 | 0% | -87d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (3rd) | 0d | | 7d | 21-Oct-16 | 27-Oct-16 | 0% | -87d |
| Issues SCADA/PLC System (Batch 3) (3rd) | 0d | | 7d | 28-Oct-16 | 03-Nov-16 | 0% | -87d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) | 0d | | 0d | | 17-Nov-16 | 0% | -87d |
| (DDS) - BUILDING SERVICES | 190d 16-Mar-15 | 04-Nov-15 | 49d | 02-Apr-15A | 17-Oct-16 | | -281d |
| Detailed Design of SCADA/PLC System to IC, ER & Employer (Batch 2) (1st) | 103d 18-Jun-15 | 21-Oct-15 | 35d | 18-Jun-15A | 17-Oct-16 | | -293d |
| Comments on Detailed Design of SCADA/PLC System (Batch 2) (1st) | 103d 18-Jun-15 | 21-Oct-15 | 35d | 18-Jun-15A | 17-Oct-16 | | -293d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (2nd) | 103d 18-Jun-15 | 21-Oct-15 | 35d | 18-Jun-15A | 17-Oct-16 | | -293d |
| Comments on Detailed Design of SCADA/PLC System (Batch 2) (2nd) | 32d 18-Jun-15 | 03-Aug-15 | 0d | 18-Jun-15A | 17-Jul-15A | 100% | 11d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (3rd) | 0d | | 0d | | 02-Sep-16* | 0% | -64d |
| Issues SCADA/PLC System (Batch 3) | 14d 10-Sep-15 | 23-Sep-15 | 14d | 06-Sep-16 | 19-Sep-16 | 0% | -94d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (1st) | 7d 24-Sep-15 | 30-Sep-15 | 7d | 20-Sep-16 | 26-Sep-16 | 0% | -94d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (2nd) | 7d 01-Oct-15 | 07-Oct-15 | 7d | 27-Sep-16 | 03-Oct-16 | 0% | -94d |
| Issues SCADA/PLC System (Batch 3) (2nd) | 0d | | 0d | | 17-Oct-16 | 0% | -94d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (3rd) | 0d | | 29d | 01-Dec-15A | 21-Sep-16 | | -47d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (3rd) | 0d | | 29d | 01-Dec-15A | 21-Sep-16 | | -47d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (4th) | 0d | | 24d | 01-Dec-15A | 21-Sep-16 | 70% | -39d |
| Issues SCADA/PLC System (Batch 3) (4th) | 0d | | 0d | | 23-Mar-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (5th) | 0d | | 0d | 24-Mar-16A | 15-Apr-16A | 100% | |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (5th) | 0d | | 0d | 16-Apr-16A | 10-Jun-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (6th) | 0d | | 0d | 11-Jun-16A | 23-Jun-16A | 100% | |
| Issues SCADA/PLC System (Batch 3) (6th) | 0d | | 0d | | 08-Jul-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (7th) | 0d | | 0d | 15-Jul-16A | 27-Aug-16 | | -70d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (7th) | 0d | | 0d | 15-Jul-16A | 27-Aug-16 | | -70d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (8th) | 0d | | 0d | 15-Jul-16A | 15-Jul-16A | 100% | |
| Issues SCADA/PLC System (Batch 3) (8th) | 0d | | 0d | 16-Jul-16A | 28-Jul-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (9th) | 0d | | 0d | 29-Jul-16A | 04-Aug-16A | 100% | |
| Issues SCADA/PLC System (Batch 3) (9th) | 0d | | 0d | 05-Aug-16A | 08-Aug-16A | 100% | |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (10th) | 0d | | 0d | | 27-Aug-16* | 0% | -83d |
| Administration Bldg #1 | 73d 18-May-15 | 13-Aug-15 | 36d | 04-May-15A | 29-Sep-16 | | -336d |
| Comments on Detailed Design of SCADA/PLC System (Batch 3) (10th) | 37d 18-May-15 | 02-Jul-15 | 36d | 04-May-15A | 29-Sep-16 | | -372d |
| Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (11th) | 32d 18-May-15 | 02-Jul-15 | 0d | 04-May-15A | 29-Sep-16 | | -372d |
| Issues SCADA/PLC System (Batch 3) (11th) | 0d | | 0d | 04-May-15A | 02-Jul-15A | 100% | 0d |

| Task | Start | End | Progress | Notes |
|---|---------------|-----------|----------|--|
| Bldg #1 BS Detailed Design - FS System to IC, ER & Employer | 37d 18-May-15 | 02-Jul-15 | 0d | Prepare & make Bldg #1 BS Detailed Design - FS System to IC, ER & Employer |
| | 37d 18-May-15 | 02-Jul-15 | 0d | IC checks & comments on Bldg #1 BS FS System DDS |
| | 32d 18-May-15 | 02-Jul-15 | 0d | Revise & resubmit Bldg #1 BS FS System DDS to IC, Employer & ER |
| | 0d | 03-Jul-15 | 0d | IC checks & certifies Bldg #1 BS FS System DDS |
| | 0d | 14-Jul-15 | 0d | Employer consents to Bldg #1 BS FS System DDS |
| | 0d | 28-Jul-15 | 0d | Prepare & make Bldg #1 BS Detailed Design - P/D System to IC, ER & Employer |
| | 0d | 04-May-15 | 0d | IC checks & comments on Bldg #1 BS P/D System DDS |
| | 0d | 14-Jul-15 | 0d | Revise & resubmit Bldg #1 BS P/D System DDS to IC, Employer & ER |
| | 0d | 28-Jul-15 | 0d | IC checks & certifies Bldg #1 BS P/D System DDS |
| | 0d | 15-Mar-16 | 0d | Employer consents to Bldg #1 BS P/D System DDS |
| Bldg #1 BS Detailed Design - MWAC System to IC, ER & Employer | 73d 18-May-15 | 13-Aug-15 | 0d | Prepare & make Bldg #1 BS Detailed Design - MWAC System to IC, ER & Employer |
| | 73d 18-May-15 | 13-Aug-15 | 0d | IC checks & comments on Bldg #1 BS MWAC System DDS |
| | 32d 18-May-15 | 02-Jul-15 | 0d | Revise & resubmit Bldg #1 BS MWAC System DDS to IC, Employer & ER |
| | 0d | 03-Jul-15 | 0d | IC checks & certifies Bldg #1 BS MWAC System DDS |
| | 0d | 14-Jul-15 | 0d | Employer consents to Bldg #1 BS MWAC System DDS |
| | 0d | 30-Sep-15 | 0d | Prepare & make Bldg #2 BS Detailed Design - Electrical System to IC, ER & Employer |
| | 0d | 02-Apr-15 | 0d | IC checks & comments on Bldg #2 BS Electrical System DDS |
| | 0d | 15-Jul-15 | 0d | Revise & resubmit Bldg #2 BS Electrical System DDS to IC, Employer & ER |
| | 0d | 15-Jul-15 | 0d | IC checks & certifies Bldg #2 BS Electrical System DDS |
| | 0d | 29-Sep-16 | 0d | Employer consents to Bldg #2 BS Electrical System DDS |
| Bldg #2 BS Detailed Design - FS System to IC, ER & Employer | 33d 16-Mar-15 | 27-Apr-15 | 0d | Prepare & make Bldg #2 BS Detailed Design - FS System to IC, ER & Employer |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & comments on Bldg #2 BS FS System DDS |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | Revise & resubmit Bldg #2 BS FS System DDS to IC, Employer & ER |
| | 28d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & certifies Bldg #2 BS FS System DDS |
| | 0d | 06-Jul-15 | 0d | Employer consents to Bldg #2 BS FS System DDS |
| | 0d | 14-Jul-15 | 0d | Prepare & make Bldg #2 BS Detailed Design - P/D System to IC, ER & Employer |
| | 0d | 02-Apr-15 | 0d | IC checks & comments on Bldg #2 BS P/D System DDS |
| | 0d | 07-Jul-15 | 0d | Revise & resubmit Bldg #2 BS P/D System DDS to IC, Employer & ER |
| | 0d | 15-May-16 | 0d | IC checks & certifies Bldg #2 BS P/D System DDS |
| | 0d | 30-May-16 | 0d | Employer consents to Bldg #2 BS P/D System DDS |
| Bldg #2 BS Detailed Design - MWAC System to IC, ER & Employer | 33d 16-Mar-15 | 27-Apr-15 | 0d | Prepare & make Bldg #2 BS Detailed Design - MWAC System to IC, ER & Employer |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & comments on Bldg #2 BS MWAC System DDS |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | Revise & resubmit Bldg #2 BS MWAC System DDS to IC, Employer & ER |
| | 28d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & certifies Bldg #2 BS MWAC System DDS |
| | 0d | 06-Jul-15 | 0d | Employer consents to Bldg #2 BS MWAC System DDS |
| | 0d | 14-Jul-15 | 0d | Prepare & make Bldg #2 BS Detailed Design - Electrical System to IC, ER & Employer |
| | 0d | 02-Apr-15 | 0d | IC checks & comments on Bldg #2 BS Electrical System DDS |
| | 0d | 15-Jul-15 | 0d | Revise & resubmit Bldg #2 BS Electrical System DDS to IC, Employer & ER |
| | 0d | 15-Jul-15 | 0d | IC checks & certifies Bldg #2 BS Electrical System DDS |
| | 0d | 29-Sep-16 | 0d | Employer consents to Bldg #2 BS Electrical System DDS |
| Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & Employer | 33d 16-Mar-15 | 27-Apr-15 | 0d | Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & Employer |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & comments on Bldg #3 & Aux. Facilities BS Electrical System DDS |
| | 33d 16-Mar-15 | 27-Apr-15 | 0d | Revise & resubmit Bldg #3 & Aux. Facilities BS Electrical System DDS to IC, Employer & ER |
| | 28d 16-Mar-15 | 27-Apr-15 | 0d | IC checks & certifies Bldg #3 & Aux. Facilities BS Electrical System DDS |
| | 0d | 06-Jul-15 | 0d | Employer consents to Bldg #3 & Aux. Facilities BS Electrical System DDS |
| | 0d | 14-Jul-15 | 0d | Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - P/D System to IC, ER & Employer |
| | 0d | 02-Apr-15 | 0d | IC checks & comments on Bldg #3 & Aux. Facilities BS P/D System DDS |
| | 0d | 07-Jul-15 | 0d | Revise & resubmit Bldg #3 & Aux. Facilities BS P/D System DDS to IC, Employer & ER |
| | 0d | 15-May-16 | 0d | IC checks & certifies Bldg #3 & Aux. Facilities BS P/D System DDS |
| | 0d | 30-May-16 | 0d | Employer consents to Bldg #3 & Aux. Facilities BS P/D System DDS |

| Task ID | Task Name | Start Date | End Date | Progress (%) | Duration (Days) | Notes |
|---------|-----------|------------|----------|--------------|-----------------|-------|
| 38d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 24-May-16A | -194d |
| 38d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 24-May-16A | -194d |
| 32d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 01-Mar-16A | -106d |
| 0d | | | 0d | 02-Mar-16A | 23-Mar-16A | |
| 0d | | | 0d | 24-Mar-16A | 25-Apr-16A | |
| 0d | | | 0d | 26-Apr-16A | 11-May-16A | |
| 0d | | | 0d | 24-May-16A | 24-May-16A | |
| 38d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 16-May-16A | -187d |
| 38d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 16-May-16A | -187d |
| 32d | 11-Aug-15 | 23-Sep-15 | 0d | 01-Dec-15A | 01-Mar-16A | -106d |
| 0d | | | 0d | 02-Mar-16A | 23-Mar-16A | |
| 0d | | | 0d | 24-Mar-16A | 24-Apr-16A | |
| 0d | | | 0d | 25-Apr-16A | 06-May-16A | |
| 0d | | | 0d | 16-May-16A | 16-May-16A | |
| 71d | 11-Aug-15 | 04-Nov-15 | 24d | 18-Jan-16A | 14-Sep-16 | -256d |
| 71d | 11-Aug-15 | 04-Nov-15 | 24d | 18-Jan-16A | 14-Sep-16 | -256d |
| 32d | 11-Aug-15 | 23-Sep-15 | 0d | 18-Jan-16A | 17-Mar-16A | -118d |
| 14d | 24-Sep-15 | 07-Oct-15 | 0d | 18-Mar-16A | 28-Apr-16A | -204d |
| 7d | 08-Oct-15 | 14-Oct-15 | 0d | 29-Apr-16A | 11-Jul-16A | -271d |
| 7d | 15-Oct-15 | 21-Oct-15 | 14d | 12-Jul-16A | 31-Aug-16 | -61d |
| 0d | | | 0d | 14-Sep-16 | 14-Sep-16 | |
| 411d | 30-Jan-15 | 15-Mar-16 | 177d | 12-Feb-15A | 12-Dec-16 | 306d |
| 411d | 30-Jan-15 | 15-Mar-16 | 177d | 12-Feb-15A | 12-Dec-16 | 306d |
| 411d | 30-Jan-15 | 15-Mar-16 | 177d | 12-Feb-15A | 12-Dec-16 | 306d |
| 411d | 30-Jan-15 | 15-Mar-16 | 177d | 12-Feb-15A | 12-Dec-16 | 306d |
| 28d | 19-Sep-15 | 16-Oct-15 | 28d | 18-Aug-16 | 14-Sep-16 | 121d |
| 28d | 04-Jun-15 | 01-Jul-15 | 0d | 21-Jun-15A | 02-Sep-15A | -63d |
| 0d | | | 37d | 07-Jul-16A | 23-Sep-16 | -70d |
| 28d | 28-Mar-15 | 24-Apr-15 | 0d | 28-Mar-15A | 20-Apr-15A | 4d |
| 28d | 08-Oct-15 | 05-Nov-15 | 0d | 20-Jun-15A | 22-Feb-16A | -109d |
| 28d | 08-Dec-15 | 04-Jan-16 | 12d | 04-Jun-16A | 30-Sep-16 | -270d |
| 28d | 20-Jun-15 | 17-Jul-15 | 0d | 15-Apr-16A | 03-Jun-16A | -322d |
| 28d | 06-Mar-15 | 02-Apr-15 | 0d | 12-Feb-15A | 31-Dec-15A | -273d |
| 28d | 22-Aug-15 | 18-Sep-15 | 0d | 16-Sep-15A | 08-Dec-15A | -81d |
| 0d | | | 0d | 25-Jul-16A | 25-Jul-16A | |
| 0d | | | 44d | 26-Jul-16A | 30-Sep-16 | -112d |
| 28d | 19-Sep-15 | 16-Oct-15 | 44d | 30-Nov-15A | 30-Sep-16 | -350d |
| 28d | 20-Jun-15 | 17-Jul-15 | 44d | 02-Dec-15A | 30-Sep-16 | -441d |
| 28d | 28-May-15 | 24-Jun-15 | 17d | 26-Feb-16A | 03-Sep-16 | -437d |
| 28d | 12-Aug-15 | 08-Sep-15 | 0d | 22-May-15A | 27-May-16A | -262d |
| 0d | | | 0d | 12-Jan-16A | 24-Jun-16A | |
| 28d | 04-Aug-15 | 31-Aug-15 | 28d | 22-Sep-16* | 19-Oct-16 | -56d |
| 28d | 25-Sep-15 | 22-Oct-15 | 0d | 18-Mar-16A | 10-Jun-16A | -232d |
| 90d | 17-Dec-15 | 15-Mar-16 | 0d | 05-May-16A | 04-Jul-16A | -111d |
| 70d | 30-Jan-15 | 09-Apr-15 | 0d | 18-Mar-15A | 07-Oct-15A | -181d |
| 70d | 16-Aug-15 | 24-Oct-15 | 70d | 04-Oct-16 | 12-Dec-16 | -415d |
| 0d | | | 61d | 02-Nov-15A | 31-Oct-16 | 283d |
| 0d | | | 61d | 02-Nov-15A | 31-Oct-16 | 283d |
| 0d | | | 61d | 02-Nov-15A | 31-Oct-16 | -78d |
| 0d | | | 0d | 02-Nov-15A | 15-Jul-16A | -78d |
| 0d | | | 0d | 14-Dec-15A | 22-Jul-16A | |

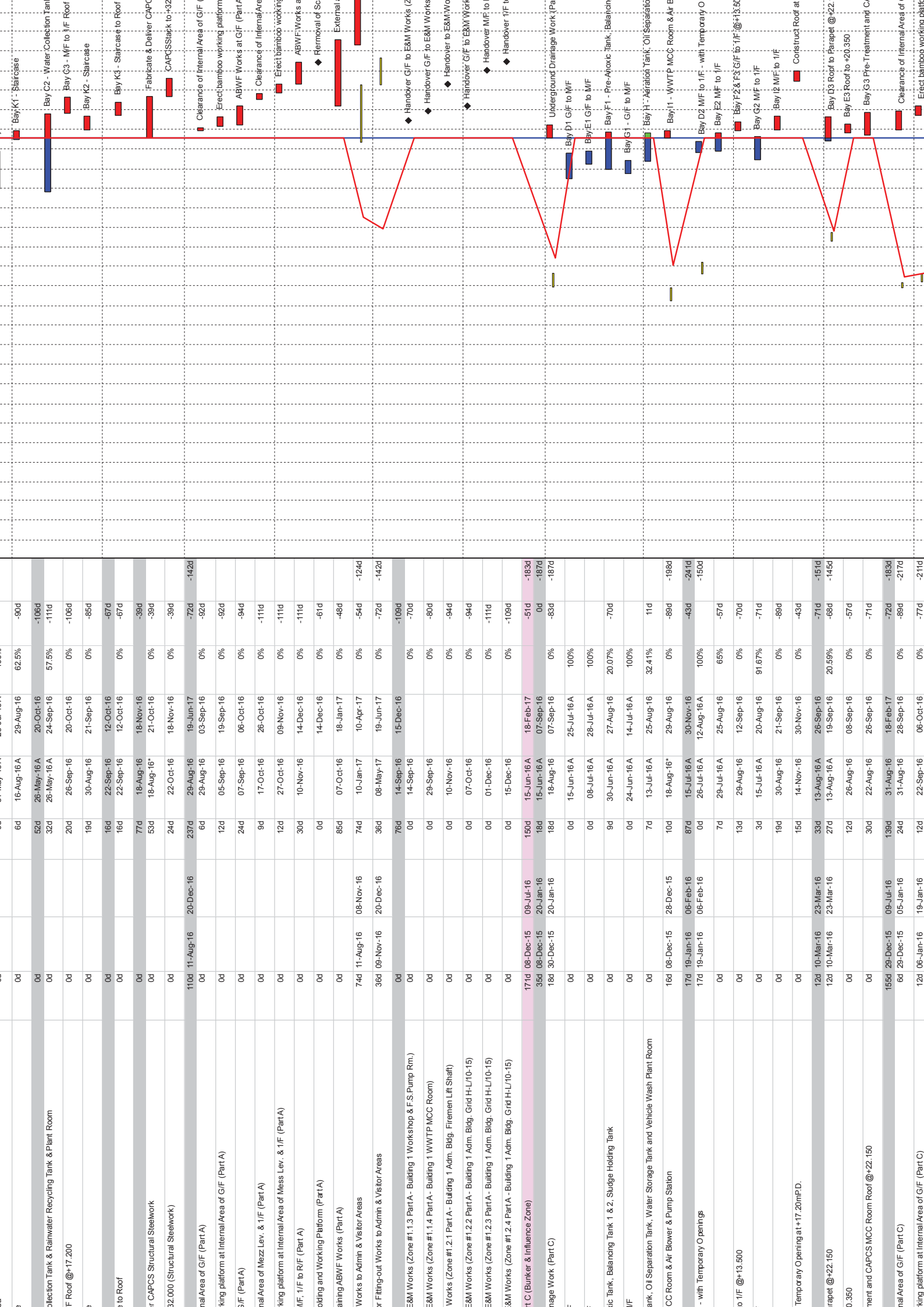
| Task ID | Task Name | Start Date | End Date | Progress (%) | Status | Dependencies |
|---------|---|------------|------------|--------------|-------------|--------------|
| 1001 | DE Support and Drawing | 2016-11-16 | 2016-10-31 | 82% | Completed | |
| 1002 | 3D Model Build - Building 1 Area | 2016-12-07 | 2016-10-15 | 100% | Completed | 1001 |
| 1003 | 3D Model Build - Building 2 Area | 2016-12-07 | 2016-10-15 | 100% | Completed | 1001 |
| 1004 | 3D Model Build - Building 3 Area | 2016-02-29 | 2016-04-16 | 100% | Completed | 1001 |
| 1005 | Wastewater Treatment Plant (WWTP) | 2016-07-07 | 2016-03-04 | 100% | Completed | 1001 |
| 1006 | Centralized Air Pollution Control (CAPC) System | 2016-08-25 | 2016-10-15 | 0% | Not Started | 1001 |
| 1007 | Building 1 Area | 2016-03-03 | 2016-09-15 | 56.9% | In Progress | 1001 |
| 1008 | Building 2 Area | 2016-05-05 | 2016-10-15 | 286d | Delayed | 1001 |
| 1009 | Building 3 Area | 2016-05-05 | 2016-10-15 | 296d | Delayed | 1001 |
| 1010 | Wastewater Treatment Plant (WWTP) | 2016-02-02 | 2016-04-16 | 100% | Completed | 1001 |
| 1011 | Centralized Air Pollution Control (CAPC) System | 2016-04-14 | 2016-10-15 | 63% | In Progress | 1001 |
| 1012 | Building 1 Area | 2016-03-30 | 2016-05-16 | 100% | Completed | 1001 |
| 1013 | Building 2 Area | 2016-04-14 | 2016-08-16 | 95% | In Progress | 1001 |
| 1014 | Building 3 Area | 2016-05-05 | 2016-03-11 | 100% | Completed | 1001 |
| 1015 | Wastewater Treatment Plant (WWTP) | 2016-04-14 | 2016-09-09 | 88% | In Progress | 1001 |
| 1016 | Centralized Air Pollution Control (CAPC) System | 2016-04-18 | 2016-10-05 | 76% | In Progress | 1001 |
| 1017 | Building 1 Area | 2016-12-12 | 2016-10-15 | -47d | Delayed | 1001 |
| 1018 | Building 2 Area | 2016-12-12 | 2016-10-15 | -47d | Delayed | 1001 |
| 1019 | Building 3 Area | 2016-04-18 | 2016-10-15 | 68% | In Progress | 1001 |
| 1020 | Wastewater Treatment Plant (WWTP) | 2016-06-16 | 2016-05-27 | 100% | Completed | 1001 |
| 1021 | Centralized Air Pollution Control (CAPC) System | 2016-05-28 | 2016-08-16 | 96% | In Progress | 1001 |
| 1022 | Building 1 Area | 2016-03-12 | 2016-03-16 | 100% | Completed | 1001 |
| 1023 | Building 2 Area | 2016-05-28 | 2016-09-16 | 84% | In Progress | 1001 |
| 1024 | Building 3 Area | 2016-04-25 | 2016-10-05 | 68% | In Progress | 1001 |
| 1025 | Wastewater Treatment Plant (WWTP) | 2016-08-25 | 2016-10-15 | 0% | Not Started | 1001 |
| 1026 | Centralized Air Pollution Control (CAPC) System | 2016-03-03 | 2016-09-15 | 78% | In Progress | 1001 |
| 1027 | Building 1 Area | 2016-01-13 | 2016-03-17 | 231d | Delayed | 1001 |
| 1028 | Building 2 Area | 2016-01-20 | 2016-11-14 | 226d | Delayed | 1001 |
| 1029 | Building 3 Area | 2016-01-20 | 2016-11-14 | 226d | Delayed | 1001 |
| 1030 | Wastewater Treatment Plant (WWTP) | 2016-01-20 | 2016-11-14 | 226d | Delayed | 1001 |
| 1031 | Centralized Air Pollution Control (CAPC) System | 2016-08-20 | 2016-09-15 | 95% | In Progress | 1001 |
| 1032 | Building 1 Area | 2016-11-17 | 2016-05-16 | 100% | Completed | 1001 |
| 1033 | Building 2 Area | 2016-08-08 | 2016-06-16 | 122d | Delayed | 1001 |
| 1034 | Building 3 Area | 2016-04-04 | 2016-09-16 | 204d | Delayed | 1001 |
| 1035 | Wastewater Treatment Plant (WWTP) | 2016-04-04 | 2016-09-16 | 174d | Delayed | 1001 |
| 1036 | Centralized Air Pollution Control (CAPC) System | 2016-03-31 | 2016-10-16 | 44d | In Progress | 1001 |
| 1037 | Building 1 Area | 2016-08-08 | 2016-10-16 | 43% | In Progress | 1001 |
| 1038 | Building 2 Area | 2016-08-26 | 2016-10-16 | -79d | Delayed | 1001 |
| 1039 | Building 3 Area | 2016-06-06 | 2016-09-16 | 60% | In Progress | 1001 |
| 1040 | Wastewater Treatment Plant (WWTP) | 2016-09-09 | 2016-11-16 | 0% | Not Started | 1001 |
| 1041 | Centralized Air Pollution Control (CAPC) System | 2016-03-30 | 2016-12-16 | 194d | Delayed | 1001 |
| 1042 | Building 1 Area | 2016-03-30 | 2016-12-16 | 194d | Delayed | 1001 |
| 1043 | Building 2 Area | 2016-03-30 | 2016-12-16 | 238d | Delayed | 1001 |
| 1044 | Building 3 Area | 2016-03-30 | 2016-09-16 | 359d | Delayed | 1001 |
| 1045 | Wastewater Treatment Plant (WWTP) | 2016-07-07 | 2016-05-16 | 94d | Delayed | 1001 |
| 1046 | Centralized Air Pollution Control (CAPC) System | 2016-08-08 | 2016-09-16 | 162d | Delayed | 1001 |
| 1047 | Building 1 Area | 2016-08-08 | 2016-09-16 | 10d | In Progress | 1001 |
| 1048 | Building 2 Area | 2016-07-16 | 2016-09-16 | 24d | In Progress | 1001 |
| 1049 | Building 3 Area | 2016-02-16 | 2016-03-16 | 32d | Delayed | 1001 |
| 1050 | Wastewater Treatment Plant (WWTP) | 2016-02-16 | 2016-03-16 | 32d | Delayed | 1001 |
| 1051 | Centralized Air Pollution Control (CAPC) System | 2016-12-12 | 2016-07-15 | 166d | Delayed | 1001 |

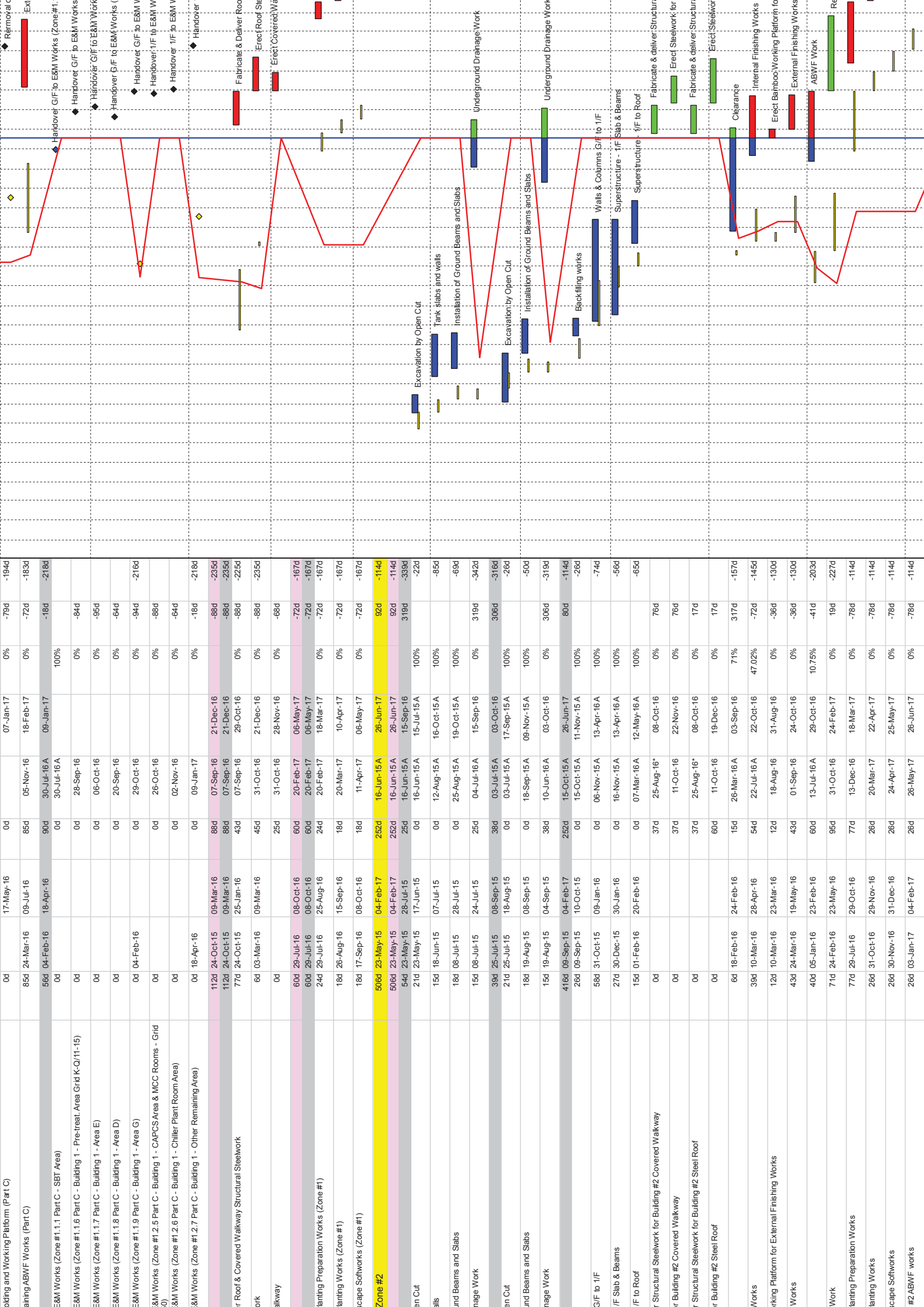


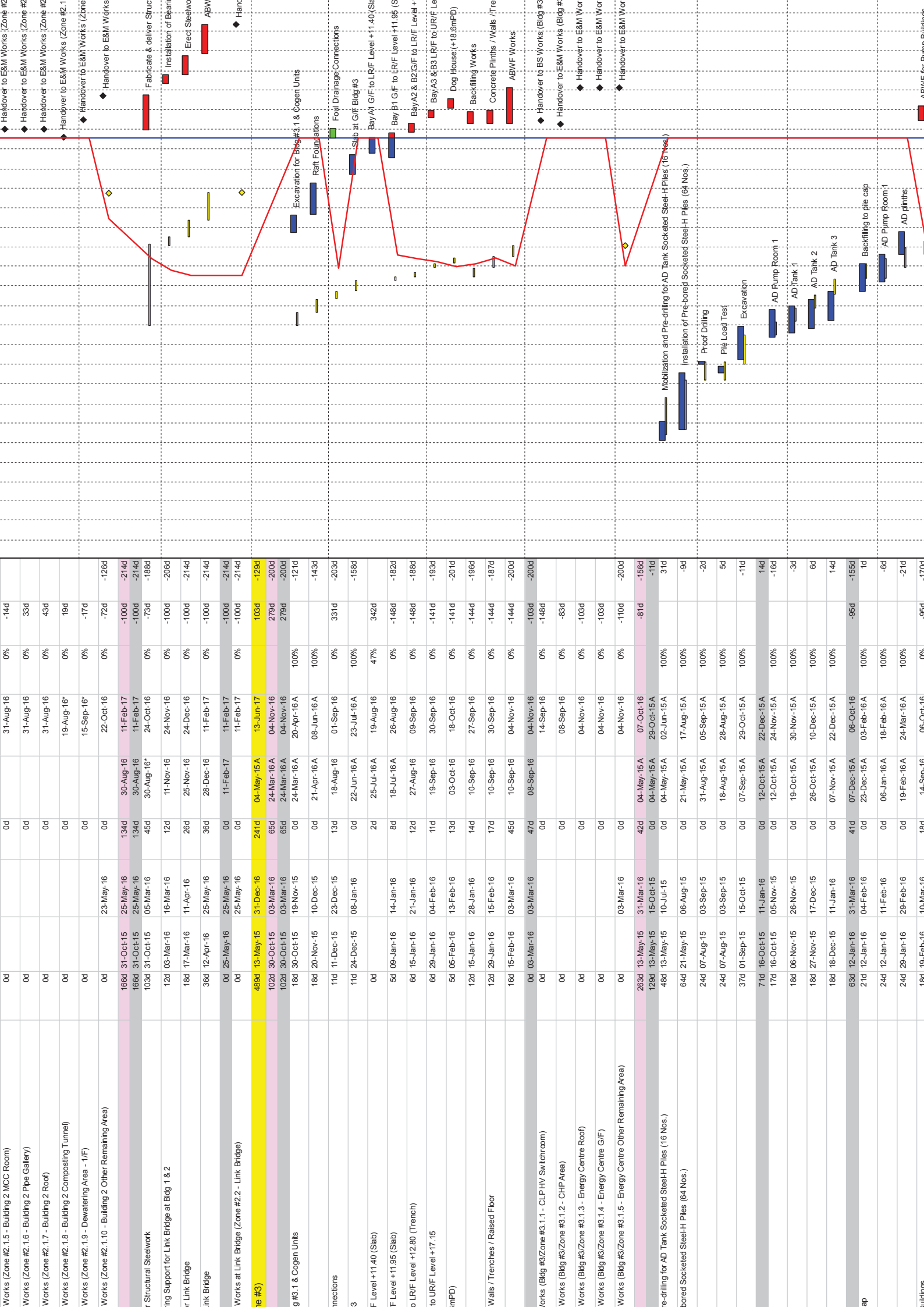
| Project Overview | | Key Milestones & Deliverables | | | | Resource Allocation & Utilization | | | | Financial Performance & Budget | | | |
|---------------------------|------------------------|-------------------------------|-----------|-----------------|-----------|-----------------------------------|----------|-----------|------------|--------------------------------|----------------|--------------------|----------------|
| Phase | Activity | Start Date | End Date | Duration (Days) | Resources | Allocated | Utilized | Remaining | Cost (k\$) | Budget (k\$) | Variance (k\$) | Actual Spend (k\$) | Forecast (k\$) |
| Construction | Site Preparation | 01-Jan-16 | 31-Mar-16 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Foundation Work | 01-Apr-16 | 30-Jun-16 | 90 | 120 | 120 | 120 | 0 | 2000 | 2000 | 0 | 2000 | 2000 |
| | Structural Framework | 01-Jul-16 | 30-Sep-16 | 90 | 150 | 150 | 150 | 0 | 3000 | 3000 | 0 | 3000 | 3000 |
| | Roofing & Cladding | 01-Oct-16 | 31-Dec-16 | 92 | 100 | 100 | 100 | 0 | 1800 | 1800 | 0 | 1800 | 1800 |
| | Final Finishes | 01-Jan-17 | 31-Mar-17 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| Mechanical & Electrical | MEP Installation | 01-Apr-16 | 30-Jun-16 | 90 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Electrical Wiring | 01-Jul-16 | 30-Sep-16 | 90 | 100 | 100 | 100 | 0 | 1800 | 1800 | 0 | 1800 | 1800 |
| | Plumbing & HVAC | 01-Oct-16 | 31-Dec-16 | 92 | 120 | 120 | 120 | 0 | 2000 | 2000 | 0 | 2000 | 2000 |
| | Control Systems | 01-Jan-17 | 31-Mar-17 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Commissioning | 01-Apr-17 | 30-Jun-17 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Testing & Calibration | 01-Jul-17 | 30-Sep-17 | 90 | 120 | 120 | 120 | 0 | 1800 | 1800 | 0 | 1800 | 1800 |
| | Documentation | 01-Oct-17 | 31-Dec-17 | 92 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Final Inspection | 01-Jan-18 | 31-Mar-18 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Handover | 01-Apr-18 | 30-Jun-18 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Closeout | 01-Jul-18 | 30-Sep-18 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| Operational & Maintenance | Plant Start-up | 01-Oct-16 | 31-Dec-16 | 92 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Production Ramp-up | 01-Jan-17 | 31-Mar-17 | 90 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Quality Control | 01-Apr-17 | 30-Jun-17 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Inventory Management | 01-Jul-17 | 30-Sep-17 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Equipment Maintenance | 01-Oct-17 | 31-Dec-17 | 92 | 120 | 120 | 120 | 0 | 2000 | 2000 | 0 | 2000 | 2000 |
| | Process Optimization | 01-Jan-18 | 31-Mar-18 | 90 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Energy Efficiency | 01-Apr-18 | 30-Jun-18 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Waste Management | 01-Jul-18 | 30-Sep-18 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Health & Safety | 01-Oct-18 | 31-Dec-18 | 92 | 120 | 120 | 120 | 0 | 2000 | 2000 | 0 | 2000 | 2000 |
| | Regulatory Compliance | 01-Jan-19 | 31-Mar-19 | 90 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Customer Service | 01-Apr-19 | 30-Jun-19 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |
| | Supply Chain | 01-Jul-19 | 30-Sep-19 | 90 | 80 | 80 | 80 | 0 | 1200 | 1200 | 0 | 1200 | 1200 |
| | Research & Development | 01-Oct-19 | 31-Dec-19 | 92 | 120 | 120 | 120 | 0 | 2000 | 2000 | 0 | 2000 | 2000 |
| | Marketing & Sales | 01-Jan-20 | 31-Mar-20 | 90 | 150 | 150 | 150 | 0 | 2500 | 2500 | 0 | 2500 | 2500 |
| | Human Resources | 01-Apr-20 | 30-Jun-20 | 90 | 100 | 100 | 100 | 0 | 1500 | 1500 | 0 | 1500 | 1500 |

| Equipment Category | | Order Details | | Delivery & Inspection | | Status & Metrics | |
|--------------------|--|---------------|---------------|-----------------------|------------------|------------------|--|
| Item ID | Item Name | Order Date | Delivery Date | Supplier | Lead Time (Days) | Completion % | Notes |
| 001 | SCB1 - SCB System Equipment - Fans at Building 1 | 09-Mar-15 | 18-May-16 | Supplier A | 70 | 100% | Supplier's inspection of SCB System Equipment - Fans at Building 1 |
| 002 | SCB2 - SCB System Equipment - Fans at Building 2 | 09-Mar-15 | 18-May-16 | Supplier B | 70 | 100% | Supplier's inspection of SCB System Equipment - Fans at Building 2 |
| 003 | SCB3 - SCB System Equipment - Fans at Building 3 | 09-Mar-15 | 18-May-16 | Supplier C | 70 | 100% | Supplier's inspection of SCB System Equipment - Fans at Building 3 |
| 004 | MECH1 - Mechanical Equipment - Pipework (SS316) | 09-Mar-15 | 18-May-16 | Supplier D | 70 | 100% | Supplier's inspection of Mechanical Equipment - Pipework (SS316) |
| 005 | MECH2 - Mechanical Equipment - Pipework (DI) | 09-Mar-15 | 18-May-16 | Supplier E | 70 | 100% | Supplier's inspection of Mechanical Equipment - Pipework (DI) |
| 006 | MECH3 - Mechanical Equipment - Penstock | 09-Mar-15 | 18-May-16 | Supplier F | 70 | 100% | Supplier's inspection of Mechanical Equipment - Penstock |
| 007 | MECH4 - Mechanical Equipment - uPVC | 09-Mar-15 | 18-May-16 | Supplier G | 70 | 100% | Supplier's inspection of Mechanical Equipment - uPVC |
| 008 | MECH5 - Mechanical Equipment - Roller Shutter suppliers | 09-Mar-15 | 18-May-16 | Supplier H | 70 | 100% | Supplier's inspection of Mechanical Equipment - Roller Shutter suppliers |
| 009 | MECH6 - Mechanical Equipment - Local | 09-Mar-15 | 18-May-16 | Supplier I | 70 | 100% | Supplier's inspection of Mechanical Equipment - Local |
| 010 | MECH7 - Mechanical Equipment - UK | 09-Mar-15 | 18-May-16 | Supplier J | 70 | 100% | Supplier's inspection of Mechanical Equipment - UK |
| 011 | MECH8 - Mechanical Equipment - Lifting Appliance suppliers | 09-Mar-15 | 18-May-16 | Supplier K | 70 | 100% | Supplier's inspection of Mechanical Equipment - Lifting Appliance suppliers |
| 012 | MECH9 - Mechanical Equipment - Platforms, Handrails & Ladders suppliers | 09-Mar-15 | 18-May-16 | Supplier L | 70 | 100% | Supplier's inspection of Mechanical Equipment - Platforms, Handrails & Ladders suppliers |
| 013 | MECH10 - Mechanical Equipment - Mobile Plants suppliers | 09-Mar-15 | 18-May-16 | Supplier M | 70 | 100% | Supplier's inspection of Mechanical Equipment - Mobile Plants suppliers |
| 014 | MECH11 - Mechanical Equipment - 3-Way Valve | 09-Mar-15 | 18-May-16 | Supplier N | 70 | 100% | Supplier's inspection of Mechanical Equipment - 3-Way Valve |
| 015 | MECH12 - Mechanical Equipment - Ball Float Valve | 09-Mar-15 | 18-May-16 | Supplier O | 70 | 100% | Supplier's inspection of Mechanical Equipment - Ball Float Valve |
| 016 | MECH13 - Mechanical Equipment - Ball Valve | 09-Mar-15 | 18-May-16 | Supplier P | 70 | 100% | Supplier's inspection of Mechanical Equipment - Ball Valve |
| 017 | MECH14 - Mechanical Equipment - Butterfly Valve | 09-Mar-15 | 18-May-16 | Supplier Q | 70 | 100% | Supplier's inspection of Mechanical Equipment - Butterfly Valve |
| 018 | MECH15 - Mechanical Equipment - Knife Gate Valve | 09-Mar-15 | 18-May-16 | Supplier R | 70 | 100% | Supplier's inspection of Mechanical Equipment - Knife Gate Valve |
| 019 | MECH16 - Mechanical Equipment - Non-Return Valve | 09-Mar-15 | 18-May-16 | Supplier S | 70 | 100% | Supplier's inspection of Mechanical Equipment - Non-Return Valve |
| 020 | MECH17 - Mechanical Equipment - Pressure Regulating Valve | 09-Mar-15 | 18-May-16 | Supplier T | 70 | 100% | Supplier's inspection of Mechanical Equipment - Pressure Regulating Valve |
| 021 | MECH18 - Mechanical Equipment - Pressure Relief Valve | 09-Mar-15 | 18-May-16 | Supplier U | 70 | 100% | Supplier's inspection of Mechanical Equipment - Pressure Relief Valve |
| 022 | MECH19 - Mechanical Equipment - Solenoid Valve | 09-Mar-15 | 18-May-16 | Supplier V | 70 | 100% | Supplier's inspection of Mechanical Equipment - Solenoid Valve |
| 023 | MECH20 - Mechanical Equipment - Gate Valve | 09-Mar-15 | 18-May-16 | Supplier W | 70 | 100% | Supplier's inspection of Mechanical Equipment - Gate Valve |
| 024 | MECH21 - Mechanical Equipment - MCC and Electrical Accessories System (Pre-treatment) | 09-Mar-15 | 18-May-16 | Supplier X | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (Pre-treatment) |
| 025 | MECH22 - Mechanical Equipment - MCC and Electrical Accessories System (CAPCS) | 09-Mar-15 | 18-May-16 | Supplier Y | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (CAPCS) |
| 026 | MECH23 - Mechanical Equipment - MCC and Electrical Accessories System (Composting and Dewatering) | 09-Mar-15 | 18-May-16 | Supplier Z | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (Composting and Dewatering) |
| 027 | MECH24 - Mechanical Equipment - MCC and Electrical Accessories System (WWTP) | 09-Mar-15 | 18-May-16 | Supplier AA | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (WWTP) |
| 028 | MECH25 - Mechanical Equipment - MCC and Electrical Accessories System (AD) | 09-Mar-15 | 18-May-16 | Supplier AB | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (AD) |
| 029 | MECH26 - Mechanical Equipment - MCC and Electrical Accessories System (Biogas Cleaning & Storage) | 09-Mar-15 | 18-May-16 | Supplier AC | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (Biogas Cleaning & Storage) |
| 030 | MECH27 - Mechanical Equipment - MCC and Electrical Accessories System (Heat Recovery & Power Generation) | 09-Mar-15 | 18-May-16 | Supplier AD | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories System (Heat Recovery & Power Generation) |
| 031 | MECH28 - Mechanical Equipment - MCC and Electrical Accessories, Cable Containment System | 09-Mar-15 | 18-May-16 | Supplier AE | 70 | 100% | Supplier's inspection of Mechanical Equipment - MCC and Electrical Accessories, Cable Containment System |
| 032 | MECH29 - Mechanical Equipment - Earthing and Lightning | 09-Mar-15 | 18-May-16 | Supplier AF | 70 | 100% | Supplier's inspection of Mechanical Equipment - Earthing and Lightning |
| 033 | MECH30 - Mechanical Equipment - Emergency Generator | 09-Mar-15 | 18-May-16 | Supplier AG | 70 | 100% | Supplier's inspection of Mechanical Equipment - Emergency Generator |
| 034 | MECH31 - Mechanical Equipment - Transformer suppliers | 09-Mar-15 | 18-May-16 | Supplier AH | 70 | 100% | Supplier's inspection of Mechanical Equipment - Transformer suppliers |
| 035 | MECH32 - Mechanical Equipment - 11kV /380V Transformers | 09-Mar-15 | 18-May-16 | Supplier AI | 70 | 100% | Supplier's inspection of Mechanical Equipment - 11kV /380V Transformers |

| Activity | Start Date | End Date | Duration (Days) | Progress (%) | Completion Date | Delay (Days) | Notes | |
|--|------------|------------|-----------------|--------------|-----------------|--------------|-------------------------|-------|
| Permits from WSD before commencement of works | 24-Mar-15 | 08-Nov-16 | 487d | 100% | 08-Nov-16 | -67d | | |
| Crane | 24-Mar-15 | 10-Apr-15A | 10d | 100% | 10-Apr-15A | -10d | | |
| Crane | 01-Aug-15A | 05-Aug-15A | 5d | 100% | 05-Aug-15A | | Erection of Tower Crane | |
| Crane | 27-Oct-16 | 08-Nov-16 | 11d | 0% | 08-Nov-16 | -67d | | |
| Administration Building #1 (Zone #1) | 400d | 19-Aug-15 | 20-Dec-16 | 246d | 08-Aug-15A | 19-Jun-17 | 98d | -142d |
| WWTP | 0d | 0d | 0d | 0d | 30-Nov-15A | 27-Feb-16A | | |
| Open Cut (Grid 6-10 / L-Q - Part B) | 0d | 0d | 0d | 0d | 30-Nov-15A | 27-Feb-16A | | |
| Excavation by Open Cut (Grid 6-10 / L-Q - Part B) | 0d | 0d | 0d | 0d | 30-Nov-15A | 09-Jan-16A | | |
| Installation of Earthing (Grid 6-10 / L-Q - Part B) | 0d | 0d | 0d | 0d | 23-Dec-15A | 11-Jan-16A | | |
| Installation of Ground Beams and Slabs (Grid 6-10 / L-Q - Part B) | 0d | 0d | 0d | 0d | 09-Jan-16A | 27-Feb-16A | | |
| (Adm. Building) | 38d | 19-Aug-15 | 03-Oct-15 | 23d | 02-Sep-15A | 05-Dec-16 | -67d | -348d |
| Excavation by Open Cut (Grid 6-15 / H-K.5 - Part A) | 38d | 19-Aug-15 | 03-Oct-15 | 23d | 02-Sep-15A | 05-Dec-16 | -67d | -348d |
| Excavation by Open Cut (Grid 6-15 / H-K.5 - Part A) | 20d | 19-Aug-15 | 10-Sep-15 | 0d | 02-Sep-15A | 12-Dec-15A | | -77d |
| Installation of Earthing (Grid 6-15 / H-K.5 - Part A) | 0d | 0d | 0d | 0d | 11-Jan-16A | 30-Jan-16A | | |
| Installation of Ground Beams and Slabs (Grid 6-15 / H-K.5 - Part A) | 18d | 11-Sep-15 | 03-Oct-15 | 0d | 01-Feb-16A | 30-Apr-16A | | -168d |
| Installation of Ground Beams and Slabs (Grid 6-15 / H-K.5 - Part A) | 0d | 0d | 0d | 0d | 18-Apr-16A | 30-Apr-16A | | |
| Lower Crane Area | 0d | 0d | 0d | 0d | 09-Nov-16 | 05-Dec-16 | | -67d |
| General Excavation by Open Cut for Deep Bunker | 60d | 11-Sep-15 | 23-Nov-15 | 0d | 14-Dec-15A | 16-Jun-16A | | -164d |
| Excavate and Drive Type III Sheet Pile forming plank wall for ELS (6 Types) | 60d | 11-Sep-15 | 23-Nov-15 | 0d | 14-Dec-15A | 16-Jun-16A | | -164d |
| Further excavate for Deep Bunker | 12d | 11-Sep-15 | 24-Sep-15 | 0d | 14-Dec-15A | 15-Jan-16A | | -91d |
| Construct Deep Bunker Footing | 6d | 25-Sep-15 | 03-Oct-15 | 0d | 16-Jan-16A | 13-Feb-16A | | -107d |
| Construct Deep Bunker r.c. structure | 18d | 05-Oct-15 | 26-Oct-15 | 0d | 15-Feb-16A | 26-Feb-16A | | -100d |
| Complete Mass Fill to Lev. Approx. +6.30m.PD. | 0d | 0d | 0d | 0d | 24-Feb-16A | 15-Mar-16A | | -146d |
| Water Tank - Int. Proc. Buffer Water and Int. Susp. Buffer Water | 6d | 17-Nov-15 | 23-Nov-15 | 0d | 25-Apr-16A | 16-Jun-16A | | -164d |
| Installation of Ground Beams and Slabs Grid (Part C incl. Influence Zone) | 0d | 0d | 0d | 0d | 16-Mar-16A | 18-May-16A | | |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 51d | 25-Sep-15 | 26-Nov-15 | 0d | 14-Dec-15A | 02-Jul-16A | | -174d |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 51d | 25-Sep-15 | 26-Nov-15 | 0d | 14-Dec-15A | 02-Jul-16A | | -174d |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 25d | 25-Sep-15 | 27-Oct-15 | 0d | 14-Dec-15A | 15-Jan-16A | | -68d |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 26d | 28-Oct-15 | 26-Nov-15 | 0d | 05-May-16A | 02-Jul-16A | | -174d |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 26d | 27-Nov-15 | 29-Dec-15 | 0d | 08-Aug-15A | 19-Jan-16A | | -17d |
| Excavation by Open Cut to Grid 10-15/K.5-Q (Part C incl. Influence Zone) | 26d | 27-Nov-15 | 29-Dec-15 | 0d | 08-Aug-15A | 19-Jan-16A | | -17d |
| Installation of Pre-bored Socketed Steel-H Piles (11 Nos. for SBT, Testing with AD Tank Piles) | 0d | 0d | 0d | 0d | 08-Aug-15A | 19-Sep-15A | | |
| Excavation for Suspension Buffer Tank Pile Cap | 0d | 0d | 0d | 0d | 02-Nov-15A | 06-Nov-15A | | |
| Base of Suspension Buffer Tank (Pile Cap) | 26d | 27-Nov-15 | 29-Dec-15 | 0d | 06-Nov-15A | 19-Jan-16A | | -17d |
| (WWTP) | 0d | 0d | 0d | 126d | 19-Apr-16A | 18-Jan-17 | 218d | |
| 1, 2 & 3, 1-Day Water Tank | 0d | 0d | 0d | 25d | 19-Apr-16A | 15-Sep-16 | 319d | |
| Underground Drainage Work (Part B) | 0d | 0d | 0d | 0d | 19-Apr-16A | 22-Jun-16A | | |
| Underground Drainage Work (Part B) | 0d | 0d | 0d | 18d | 18-Aug-16 | 07-Sep-16 | -64d | |
| Bay A2 - Chemical Stores | 0d | 0d | 0d | 12d | 02-Jul-16A | 31-Aug-16 | -82d | |
| Bay A2 - Focculated Tank @+11.21mPD | 0d | 0d | 0d | 12d | 18-Aug-16 | 31-Aug-16 | 332d | |
| Bay A3 - Parapet Wall to +14.90m | 0d | 0d | 0d | 13d | 01-Sep-16 | 15-Sep-16 | -81d | |
| Clearance of Internal Area of G/F (Part B) | 0d | 0d | 0d | 108d | 08-Sep-16 | 18-Jan-17 | -48d | |
| Erect bamboo working platform | 6d | 0d | 0d | 0d | 08-Sep-16 | 14-Sep-16 | -82d | |
| ABWF Works at G.F. (Part B) | 0d | 0d | 0d | 12d | 15-Sep-16 | 29-Sep-16 | -82d | |
| Removal of Scaffolding | 0d | 0d | 0d | 24d | 27-Sep-16 | 26-Oct-16 | -91d | |
| External | 0d | 0d | 0d | 85d | 07-Oct-16 | 18-Jan-17 | -48d | |
| Handover G/F to E&M Works | 0d | 0d | 0d | 24d | 27-Sep-16 | 27-Oct-16 | -49d | |
| Handover G/F to E&M Works | 0d | 0d | 0d | 0d | 27-Sep-16 | | -91d | |
| Administration Building, Workshop & F.S. Pump Rm.) | 362d | 05-Oct-15 | 20-Dec-16 | 246d | 19-Apr-16A | 19-Jun-17 | -72d | -142d |
| Underground Drainage Work (Grid 6-15 / H-K.5 - Part A) | 15d | 05-Oct-15 | 22-Oct-15 | 111d | 19-Apr-16A | 30-Dec-16 | -67d | -354d |
| Underground Drainage Work (Grid 6-15 / H-K.5 - Part A) | 15d | 05-Oct-15 | 22-Oct-15 | 15d | 18-Aug-16 | 03-Sep-16 | -86d | -258d |





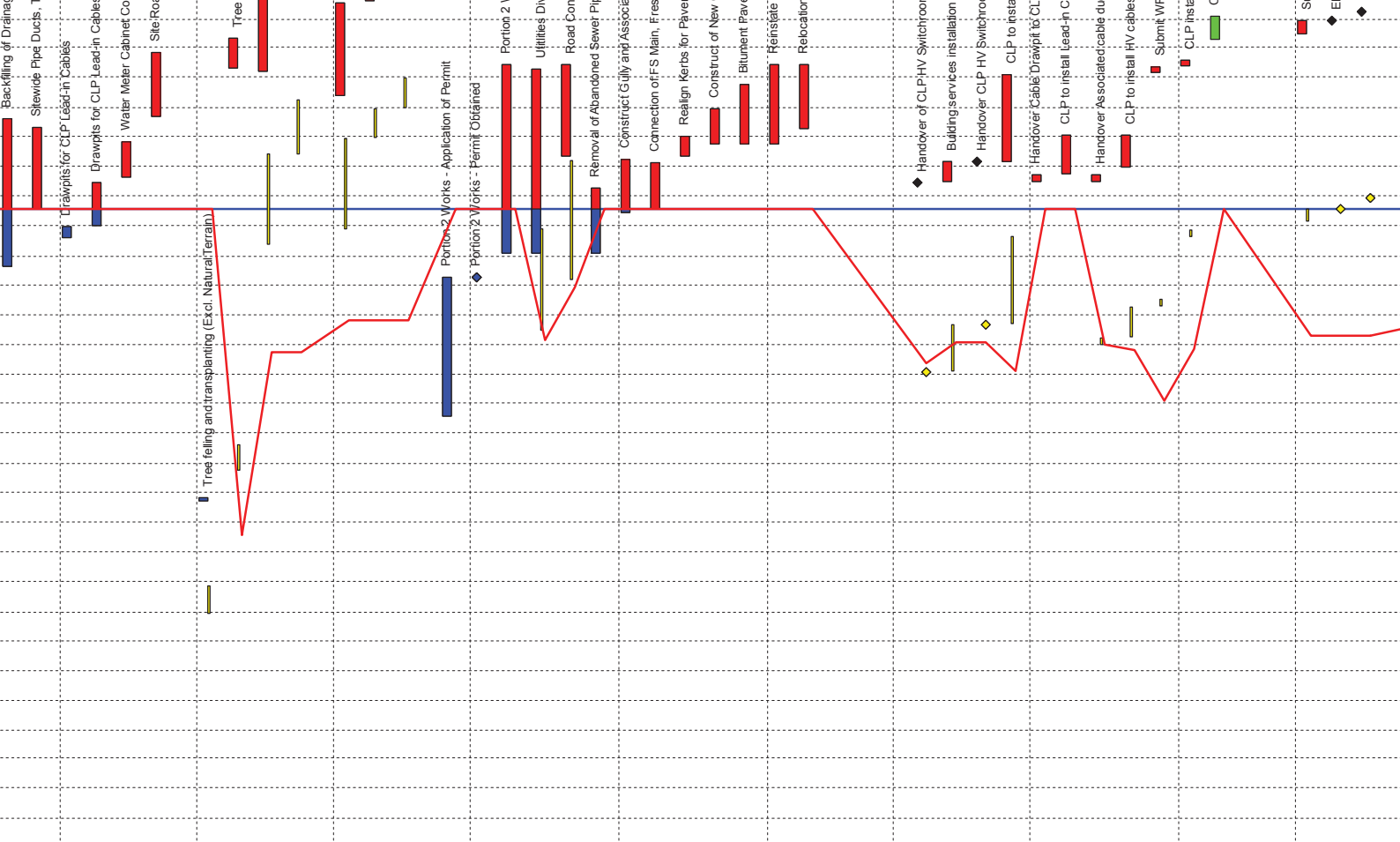


| Project Overview | | Key Milestones & Deliverables | | | | Resource Allocation & Utilization | | | | Risk Management & Compliance | | | |
|---------------------------------|--|-------------------------------|-----------|-----------------|-----------|-----------------------------------|------------|--------------|------------|------------------------------|-------------|-------------|--------|
| Phase | Activity | Start Date | End Date | Duration (Days) | Resources | Allocated | Utilized | Availability | Risk Level | Compliance Status | Review Date | Next Action | |
| Phase 1: Site Preparation | Works (Zone #3.2.1 - AD Tanks 1 & 2) | 15d | 08-Mar-16 | 24-Mar-16 | 0d | 21-Mar-16A | 05-Apr-16A | 100% | -6d | High | Compliant | Review | |
| | | 0d | 24-Mar-16 | 24-Mar-16 | 21d | 05-Apr-16A | 07-Oct-16 | 100% | -81d | Medium | Compliant | Review | |
| | | 0d | 24-Mar-16 | 24-Mar-16 | 0d | 05-Apr-16A | 05-Apr-16A | 100% | -6d | Low | Compliant | Review | |
| Phase 2: Foundation Works | Works (Zone #3.2.2 - AD Tanks 3) | 0d | 0d | 0d | 0d | 23-Jul-16A | 23-Jul-16A | 100% | 0d | High | Compliant | Review | |
| | | 0d | 0d | 0d | 0d | 30-Jul-16A | 30-Jul-16A | 100% | 0d | Medium | Compliant | Review | |
| | | 0d | 0d | 0d | 0d | 12-Sep-16* | 12-Sep-16* | 0% | -95d | Low | Compliant | Review | |
| Phase 3: Structural Works | Works (Zone #3.2.3 - Jet Mixing Pump Rooms) | 0d | 0d | 0d | 0d | 07-Oct-16* | 07-Oct-16* | 0% | -81d | High | Compliant | Review | |
| | | 96d | 11-Jul-15 | 03-Nov-15 | 0d | 05-Jun-15A | 08-Sep-16 | 100% | -103d | Medium | Compliant | Review | |
| | | 96d | 11-Jul-15 | 03-Nov-15 | 0d | 05-Jun-15A | 16-Mar-16A | 100% | -108d | Low | Compliant | Review | |
| Phase 4: Installation & Testing | Works (Zone #3.2.4 - Centrifuge Feed Pump Room) | 15d | 11-Jul-15 | 28-Jul-15 | 0d | 05-Jun-15A | 08-Jun-15A | 100% | 41d | High | Compliant | Review | |
| | | 21d | 07-Aug-15 | 31-Aug-15 | 0d | 14-Aug-15A | 22-Sep-15A | 100% | -19d | Medium | Compliant | Review | |
| | | 7d | 01-Sep-15 | 08-Sep-15 | 0d | 31-Aug-15A | 05-Sep-15A | 100% | 2d | Low | Compliant | Review | |
| Phase 5: Final Assembly | Works (Zone #3.3 - Ammonia Stripper) | 12d | 08-Sep-15 | 22-Sep-15 | 0d | 25-Aug-15A | 29-Oct-15A | 100% | -29d | High | Compliant | Review | |
| | | 6d | 23-Sep-15 | 30-Sep-15 | 0d | 14-Nov-15A | 16-Nov-15A | 100% | -38d | Medium | Compliant | Review | |
| | | 21d | 02-Oct-15 | 27-Oct-15 | 0d | 07-Nov-15A | 12-Mar-16A | 100% | -112d | Low | Compliant | Review | |
| Phase 6: Commissioning | Works (Zone #3.4 - CAPCS Stack) | 6d | 28-Oct-15 | 03-Nov-15 | 0d | 14-Mar-16A | 16-Mar-16A | 100% | -108d | High | Compliant | Review | |
| | | 0d | 03-Nov-15 | 03-Nov-15 | 0d | 08-Sep-16 | 08-Sep-16 | 0% | -103d | Medium | Compliant | Review | |
| | | 0d | 03-Nov-15 | 03-Nov-15 | 0d | 08-Sep-16 | 08-Sep-16* | 0% | -103d | Low | Compliant | Review | |
| Phase 7: Handover & Closeout | Works (Zone #3.5 - Standby Flare & Carbon Filter) | 308d | 10-Sep-15 | 23-Sep-16 | 54d | 02-Sep-15A | 23-Dec-16 | 100% | -76d | High | Compliant | Review | |
| | | 308d | 10-Sep-15 | 23-Sep-16 | 54d | 02-Sep-15A | 23-Dec-16 | 100% | -76d | Medium | Compliant | Review | |
| | | 15d | 10-Sep-15 | 26-Sep-15 | 0d | 02-Sep-15A | 12-Dec-15A | 100% | -63d | Low | Compliant | Review | |
| Phase 8: Final Review | Works (Zone #3.5.1 - Biogas Cleaning & Storage Tank) | 21d | 29-Sep-15 | 24-Oct-15 | 0d | 07-Mar-16A | 30-Apr-16A | 100% | -152d | High | Compliant | Review | |
| | | 18d | 26-Nov-15 | 16-Dec-15 | 30d | 22-Oct-16 | 25-Nov-16 | 0% | -39d | Medium | Compliant | Review | |
| | | 24d | 26-Aug-16 | 23-Sep-16 | 24d | 26-Nov-16 | 23-Dec-16 | 0% | -33d | Low | Compliant | Review | |
| Phase 9: Final Handover | Works (Zone #3.5.2 - Standby Flare & Carbon Filter) | 0d | 16-Dec-15 | 16-Dec-15 | 0d | 29-Nov-16 | 29-Nov-16 | 0% | -33d | High | Compliant | Review | |
| | | 0d | 16-Dec-15 | 16-Dec-15 | 0d | 29-Nov-16 | 29-Nov-16 | 0% | -33d | Medium | Compliant | Review | |
| | | 118d | 01-Sep-15 | 22-Jan-16 | 82d | 07-Sep-15A | 24-Nov-16 | 100% | -249d | Low | Compliant | Review | |
| Phase 10: Final Review | Works (Zone #3.5.3 - Biogas Booster & Biogas Dehumidifier) | 60d | 01-Sep-15 | 12-Nov-15 | 18d | 07-Sep-15A | 26-Sep-16 | 100% | -57d | High | Compliant | Review | |
| | | 12d | 01-Sep-15 | 14-Sep-15 | 0d | 07-Sep-15A | 15-Oct-15A | 100% | -25d | Medium | Compliant | Review | |
| | | 18d | 15-Sep-15 | 07-Oct-15 | 0d | 12-Oct-15A | 24-Nov-15A | 100% | -40d | Low | Compliant | Review | |
| Phase 11: Final Review | Works (Zone #3.5.4 - CAPCS Stack) | 12d | 08-Oct-15 | 22-Oct-15 | 12d | 05-Sep-16* | 19-Sep-16 | 0% | -57d | High | Compliant | Review | |
| | | 18d | 23-Oct-15 | 12-Nov-15 | 18d | 05-Sep-16 | 26-Sep-16 | 0% | -57d | Medium | Compliant | Review | |
| | | 6d | 06-Nov-15 | 12-Nov-15 | 6d | 20-Sep-16 | 26-Sep-16 | 0% | -57d | Low | Compliant | Review | |
| Phase 12: Final Review | Works (Zone #3.5.5 - Biogas Holder / Biogas Plant) | 18d | 16-Oct-15 | 07-Nov-15 | 4d | 26-Oct-15A | 26-Sep-16 | 100% | -57d | High | Compliant | Review | |
| | | 6d | 16-Oct-15 | 23-Oct-15 | 0d | 26-Oct-15A | 04-Nov-15A | 100% | -10d | Medium | Compliant | Review | |
| | | 9d | 24-Oct-15 | 03-Nov-15 | 0d | 07-Nov-15A | 22-Dec-15A | 100% | -42d | Low | Compliant | Review | |
| Phase 13: Final Review | Works (Zone #3.5.1 - Biogas Cleaning & Storage Tank) | 4d | 04-Nov-15 | 07-Nov-15 | 4d | 22-Sep-16 | 26-Sep-16 | 0% | -57d | High | Compliant | Review | |
| | | 81d | 16-Oct-15 | 22-Jan-16 | 82d | 24-Mar-16A | 24-Nov-16 | 60% | -249d | Medium | Compliant | Review | |
| | | 11d | 16-Oct-15 | 29-Oct-15 | 5d | 24-Mar-16A | 23-Aug-16 | 60% | -339d | Low | Compliant | Review | |
| Phase 14: Final Review | Works (Zone #3.5.2 - Standby Flare & Carbon Filter) | 6d | 30-Oct-15 | 05-Nov-15 | 48d | 27-Jun-16A | 15-Oct-16 | 25% | -82d | High | Compliant | Review | |
| | | 6d | 06-Nov-15 | 12-Nov-15 | 6d | 17-Oct-16 | 22-Oct-16 | 0% | -82d | Medium | Compliant | Review | |
| | | 12d | 13-Nov-15 | 26-Nov-15 | 20d | 14-Oct-16 | 05-Nov-16 | 0% | -82d | Low | Compliant | Review | |
| Phase 15: Final Review | Works (Zone #3.5.3 - Biogas Booster & Biogas Dehumidifier) | 4d | 18-Dec-15 | 22-Dec-15 | 4d | 07-Nov-16 | 10-Nov-16 | 0% | -82d | High | Compliant | Review | |
| | | 24d | 23-Dec-15 | 22-Jan-16 | 30d | 21-Oct-16 | 24-Nov-16 | 0% | -82d | Medium | Compliant | Review | |
| | | 0d | 22-Jan-16 | 22-Jan-16 | 46d | 31-Aug-16 | 27-Oct-16 | 0% | -63d | Low | Compliant | Review | |
| Phase 16: Final Review | Works (Zone #3.5.4 - CAPCS Stack) | 0d | 22-Jan-16 | 22-Jan-16 | 0d | 0d | 27-Oct-16 | 0% | -63d | High | Compliant | Review | |
| | | 0d | 22-Jan-16 | 22-Jan-16 | 0d | 0d | 31-Aug-16* | 31-Aug-16* | 0% | -66d | Medium | Compliant | Review |
| | | 0d | 22-Jan-16 | 22-Jan-16 | 0d | 0d | 27-Oct-16 | 27-Oct-16 | 0% | -82d | Low | Compliant | Review |
| Phase 17: Final Review | Works (Zone #3.5.5 - Biogas Holder / Biogas Plant) | 106d | 20-Nov-15 | 01-Apr-16 | 98d | 29-Aug-16 | 23-Dec-16 | 0% | -109d | High | Compliant | Review | |
| | | 106d | 20-Nov-15 | 01-Apr-16 | 98d | 29-Aug-16 | 23-Dec-16 | 0% | -109d | Medium | Compliant | Review | |
| | | 12d | 20-Nov-15 | 03-Dec-15 | 6d | 29-Aug-16 | 03-Sep-16 | 0% | -97d | Low | Compliant | Review | |
| Phase 18: Final Review | Works (Zone #3.5.5 - Biogas Holder / Biogas Plant) | 9d | 04-Dec-15 | 14-Dec-15 | 9d | 05-Sep-16 | 14-Sep-16 | 0% | -97d | High | Compliant | Review | |
| | | 15d | 15-Dec-15 | 04-Jan-16 | 15d | 30-Sep-16 | 19-Oct-16 | 0% | -109d | Medium | Compliant | Review | |
| | | 0d | 0d | 0d | 0d | 0d | 0d | 0d | 0d | Low | Compliant | Review | |

| Activity | Start Date | End Date | Duration (Days) | Progress (%) | Start Time | End Time | Notes |
|---|----------------|--------------|-----------------|--------------|------------|-----------|-------|
| Works (Zone #3.2 - Weighbridge) | 26d 29-Feb-16 | 0d 01-Apr-16 | 0d | 0% | 01-Apr-16 | 01-Apr-16 | |
| Works (Zone #3.6.1 - Weighbridge Control Room) | 0d 01-Apr-16 | 0d 01-Apr-16 | 0d | 0% | 01-Apr-16 | 01-Apr-16 | |
| | 0d 01-Apr-16 | 0d 01-Apr-16 | 0d | 0% | 01-Apr-16 | 01-Apr-16 | |
| | 45td 29-Jun-15 | 31-Dec-16 | 241d | 100% | 27-Sep-15A | 13-Jun-17 | -129d |
| | 10td 08-Mar-16 | 12-Jul-16 | 81d | 263d | 24-Mar-16A | 23-Nov-16 | -112d |
| | 43d 08-Mar-16 | 30-Apr-16 | 21d | 70% | 24-Mar-16A | 10-Sep-16 | 323d |
| | 75d 08-Mar-16 | 10-Jun-16 | 56d | 56.14% | 05-Apr-16A | 24-Oct-16 | -44d |
| | 26d 11-Jun-16 | 12-Jul-16 | 26d | 0% | 25-Oct-16 | 23-Nov-16 | -44d |
| | 268d 02-Sep-15 | 29-Jul-16 | 133d | -19d | 13-Nov-15A | 26-Jan-17 | -149d |
| | 48d 02-Jun-16 | 29-Jul-16 | 81d | 33d | 10-Jun-16A | 23-Nov-16 | -97d |
| | 146d 17-Sep-15 | 15-Mar-16 | 78d | 12% | 13-Nov-15A | 19-Nov-16 | -203d |
| | 149d 02-Sep-15 | 03-Mar-16 | 78d | 15% | 13-Nov-15A | 19-Nov-16 | -213d |
| | 142d 05-Dec-15 | 01-Jun-16 | 70d | 0% | 10-Aug-16A | 10-Nov-16 | -134d |
| | 47d 02-Jun-16 | 28-Jul-16 | 92d | 0% | 07-Oct-16 | 26-Jan-17 | -150d |
| | 0d | | 117d | 27-Sep-15A | 07-Jan-17 | | 23d |
| | 0d | | 41d | 18-Aug-16 | 06-Oct-16 | | 73d |
| | 0d | | 12d | 13-Nov-15A | 31-Aug-16 | | -64d |
| | 0d | | 25d | 05-Dec-15A | 15-Sep-16 | | -71d |
| | 0d | | 30d | 05-Apr-16A | 22-Sep-16 | | -88d |
| | 0d | | 37d | 11-Apr-16A | 30-Sep-16 | | -89d |
| | 0d | | 60d | 17-Sep-16 | 28-Nov-16 | | 23d |
| | 0d | | 12d | 29-Nov-16 | 12-Dec-16 | | 23d |
| | 0d | | 20d | 13-Dec-16 | 07-Jan-17 | | 23d |
| | 0d | | 47d | 10-Aug-16A | 14-Oct-16 | | -93d |
| | 0d | | 35d | 07-Oct-16 | 17-Nov-16 | | -57d |
| | 0d | | 0d | 27-Sep-15A | 04-Nov-15A | | 100% |
| | 0d | | 0d | 05-Nov-15A | 05-Nov-15A | | 100% |
| | 0d | | 0d | 18-Mar-16A | 01-Apr-16A | | 100% |
| | 0d | | 0d | 01-Apr-16A | 01-Apr-16A | | 100% |
| | 0d | | 97d | 20-Apr-16A | 12-Dec-16 | | 247d |
| | 0d | | 48d | 27-Sep-16 | 23-Nov-16 | | 33d |
| | 0d | | 25d | 20-Apr-16A | 15-Sep-16 | | 319d |
| | 0d | | 30d | 25-Apr-16A | 22-Sep-16 | | 314d |
| | 0d | | 36d | 18-Jul-16A | 29-Sep-16 | | -78d |
| | 0d | | 50d | 18-Aug-16 | 18-Oct-16 | | -78d |
| | 0d | | 24d | 30-Sep-16 | 29-Oct-16 | | -82d |
| | 0d | | 47d | 19-Oct-16 | 12-Dec-16 | | -78d |
| | 0d | | 113d | 18-Aug-16 | 03-Jan-17 | | -75d |
| | 0d | | 45d | 18-Aug-16 | 12-Oct-16 | | -91d |
| | 0d | | 45d | 25-Aug-16 | 19-Oct-16 | | -91d |
| | 0d | | 45d | 01-Sep-16 | 26-Oct-16 | | -91d |
| | 0d | | 30d | 27-Sep-16 | 02-Nov-16 | | -91d |
| | 0d | | 30d | 05-Oct-16 | 09-Nov-16 | | -91d |
| | 0d | | 70d | 11-Oct-16 | 03-Jan-17 | | -75d |
| | 43d 16-Mar-16 | 10-May-16 | 133d | 23d | 15-Apr-16A | 26-Jan-17 | -215d |
| | 43d 16-Mar-16 | 10-May-16 | 43d | -108d | 29-Oct-16 | 17-Dec-16 | -184d |
| | 0d | | 0d | 10-May-16 | 17-Dec-16 | | -108d |
| | 0d | | 38d | 10-Jun-16A | 24-Nov-16 | | 74d |
| | 0d | | 34d | 15-Apr-16A | 27-Sep-16 | | -87d |
| | 0d | | 25d | 05-Nov-16A | 20-Sep-16 | | 87d |

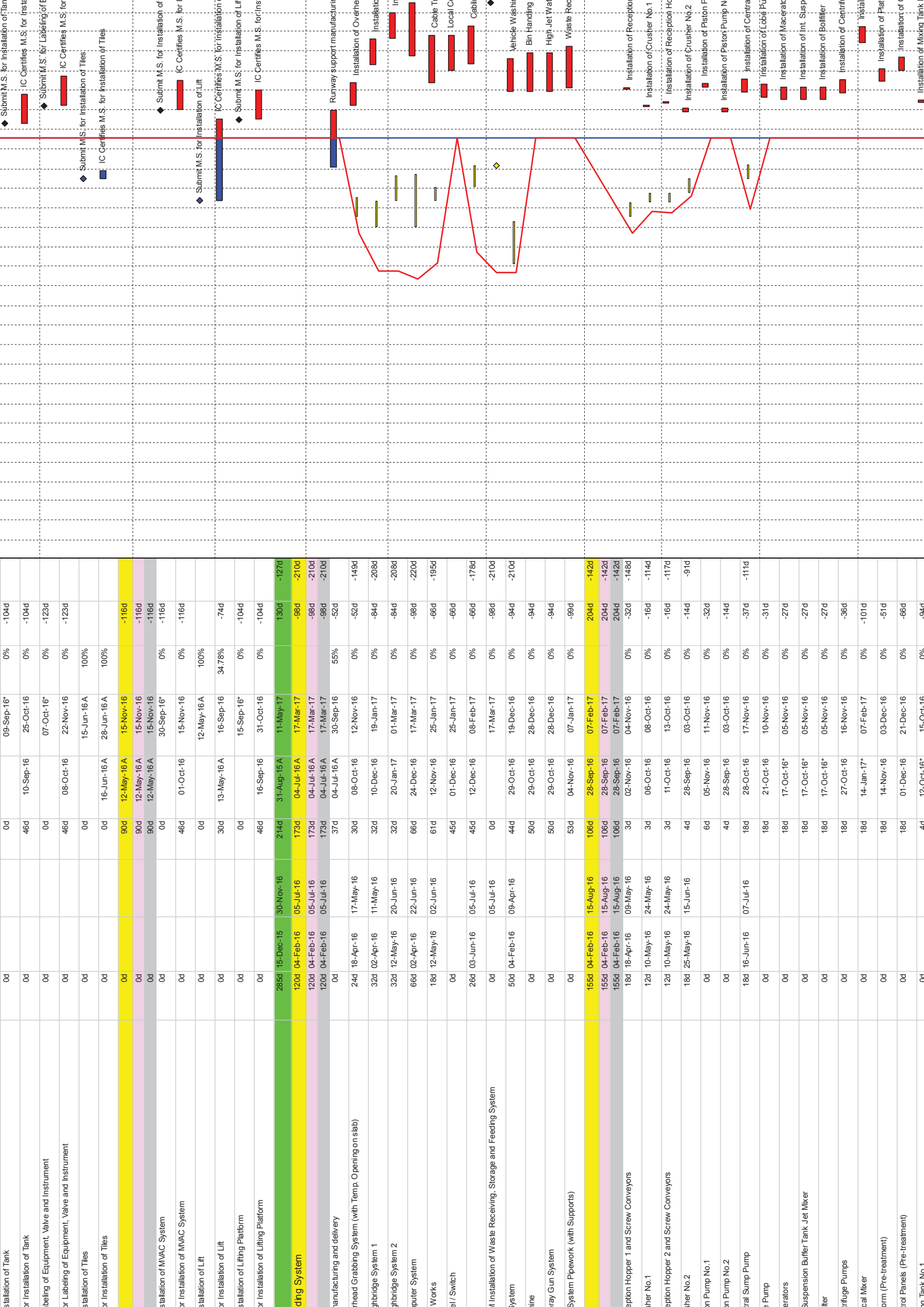


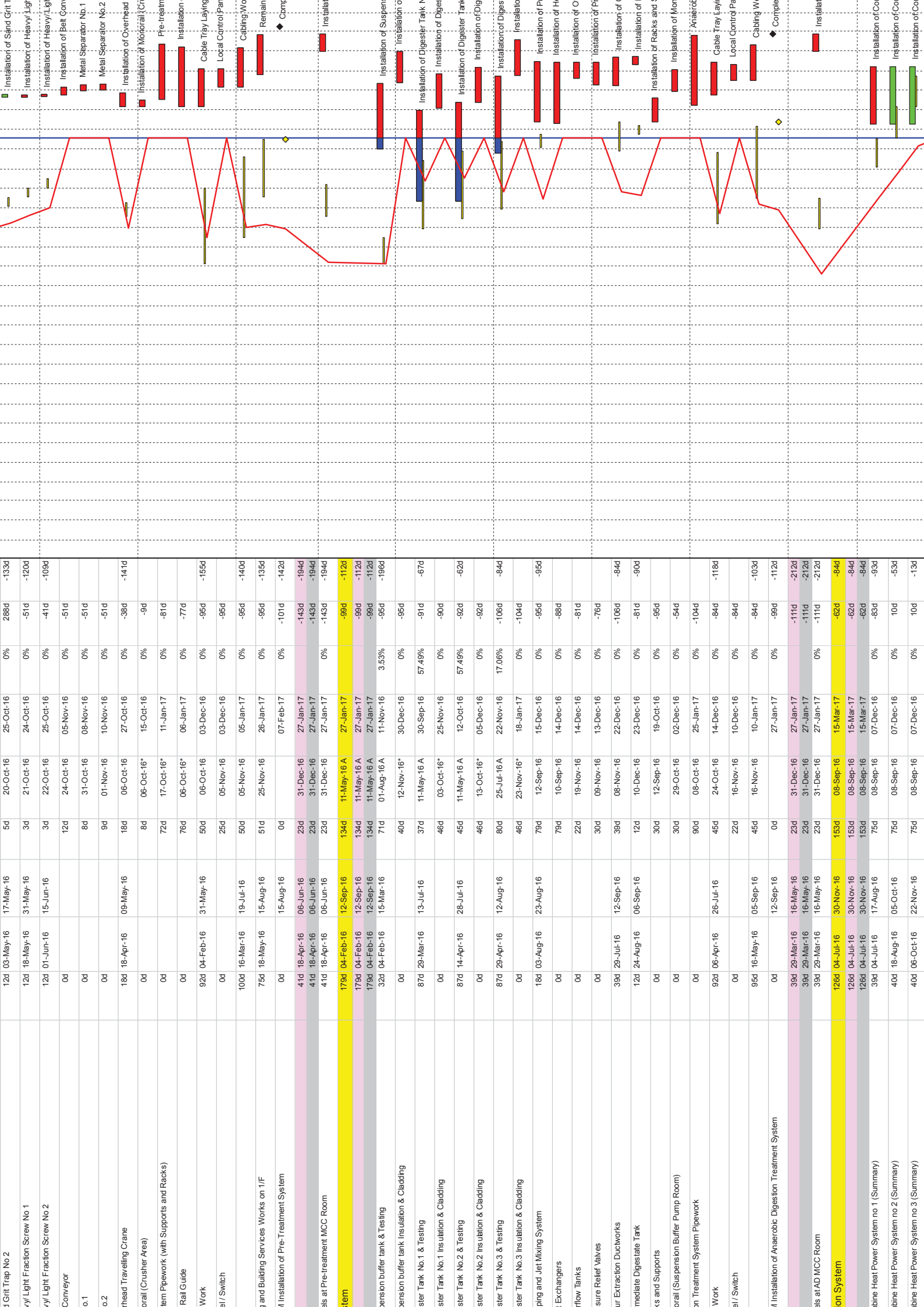
| Task Description | Start Date | End Date | Duration (Days) | Resource Profile | Notes |
|---|------------|------------|-----------------|------------------|-------|
| Age and Sewage (Part 4) | 0d | 78d | 78d | 0% | |
| Backfilling of Drains | 20-Jun-16A | 19-Nov-16 | 152d | 32% | |
| Backfilling of Trenches, Drawpits and Utilities (Part 4) | 0d | 70d | 70d | 0% | |
| Backfilling of Trenches, Drawpits and Utilities (Part 4) | 18-Aug-16 | 10-Nov-16 | 84d | 0% | |
| Lead-in Cables | 0d | 0d | 0d | 100% | |
| Lead-in Cables (Remaining at Part 4) | 0d | 24d | 24d | 42.9% | |
| Lead-in Cables (Remaining at Part 4) | 01-Aug-16A | 14-Sep-16 | 44d | 0% | |
| Net Construction | 0d | 30d | 30d | 0% | |
| Net Construction | 20-Sep-16 | 26-Oct-16 | 36d | 0% | |
| Part 4) | 0d | 55d | 55d | 0% | |
| Part 4) | 21-Nov-16 | 26-Jan-17 | 66d | 0% | |
| Planting (Excl. Natural Terrain) | 433d | 29-Jun-15 | 0d | -147d | |
| Planting (Excl. Natural Terrain) | 23-Oct-15A | 13-Jun-17 | 730d | -79d | |
| Planting (Excl. Natural Terrain) | 27-Jul-15 | 26-Oct-15A | 91d | -75d | |
| Planting (Natural Terrain - If any) | 24d | 23-Nov-15 | 0d | -335d | |
| Planting (Natural Terrain - If any) | 19-Dec-15 | 09-Feb-17 | 439d | -28d | |
| Works | 77d | 13-Jul-16 | 0d | -147d | |
| Works | 13-Oct-16 | 11-Apr-17 | 153d | -79d | |
| Works | 08-Dec-16 | 13-Jun-17 | 181d | -147d | |
| #4 Work & NTH Mitigation Work | 48d | 14-Oct-16 | 0d | -79d | |
| #4 Work & NTH Mitigation Work | 29-Dec-16 | 25-May-17 | 127d | -52d | |
| #4 Work & NTH Mitigation Work | 31-Dec-16 | 18-Mar-17 | 78d | -114d | |
| #4 Work & NTH Mitigation Work | 29-Oct-16 | 18-Mar-17 | 104d | -114d | |
| Compensatory Tree Planting | 26d | 31-Oct-16 | 0d | -52d | |
| Compensatory Tree Planting | 29-Nov-16 | 22-Apr-17 | 155d | -114d | |
| Compensatory Tree Planting | 31-Dec-16 | 25-May-17 | 127d | -52d | |
| Compensatory Tree Planting | 07-Oct-16 | 13-Jan-17 | 98d | -84d | |
| Application of Permit | 0d | 0d | 0d | 100% | |
| Application of Permit | 18-Jan-16A | 08-Jun-16A | 131d | 100% | |
| Permit Obtained | 0d | 0d | 0d | 100% | |
| Permit Obtained | 08-Jun-16A | 08-Jun-16A | 0d | 100% | |
| Temp. Traffic Management (In Stages) - Summary | 0d | 122d | 122d | 24.22% | |
| Temp. Traffic Management (In Stages) - Summary | 04-Jul-16A | 13-Jan-17 | 211d | 84d | |
| Temp. Traffic Management (In Stages) - Summary | 04-Jul-16A | 09-Jan-17 | 161d | 84d | |
| Temp. Traffic Management (In Stages) - Summary | 04-Jul-16A | 09-Jan-17 | 161d | 84d | |
| Temp. Traffic Management (In Stages) - Summary | 11-Oct-16 | 13-Jan-17 | 94d | 84d | |
| Temp. Traffic Management (In Stages) - Summary | 04-Jul-16A | 08-Sep-16 | 74d | 80d | |
| Temp. Traffic Management (In Stages) - Summary | 15-Aug-16A | 08-Oct-16 | 54d | 84d | |
| Main, Fresh Water Main & Flushing Water Main by Authority or Others | 0d | 39d | 39d | 0% | |
| Main, Fresh Water Main & Flushing Water Main by Authority or Others | 18-Aug-16 | 04-Oct-16 | 47d | 80d | |
| Pavement | 0d | 18d | 18d | 0% | |
| Pavement | 11-Oct-16 | 31-Oct-16 | 21d | 84d | |
| Concrete Footpath Pavement and Reinstatement of Verge | 0d | 32d | 32d | 0% | |
| Concrete Footpath Pavement and Reinstatement of Verge | 24-Oct-16 | 29-Nov-16 | 36d | 54d | |
| Foot Reconstruction | 0d | 54d | 54d | 0% | |
| Foot Reconstruction | 24-Oct-16 | 24-Dec-16 | 61d | 70d | |
| Geoged Pipeline | 0d | 68d | 68d | 0% | |
| Geoged Pipeline | 24-Oct-16 | 13-Jan-17 | 81d | 84d | |
| Hydrant and Street Lamp by Authority or Others | 0d | 54d | 54d | 0% | |
| Hydrant and Street Lamp by Authority or Others | 09-Nov-16 | 13-Jan-17 | 65d | 84d | |
| RS | 457d | 23-Mar-15 | 0d | -167d | |
| RS | 19-Mar-15A | 04-May-17 | 730d | 136d | |
| CLP | 117d | 03-Mar-16 | 0d | -180d | |
| CLP | 27-Jul-16 | 04-Mar-17 | 328d | 182d | |
| CLP | 27-Jul-16 | 04-Mar-17 | 328d | 182d | |
| CLP | 27-Jul-16 | 04-Mar-17 | 328d | 182d | |
| CLP | 03-Mar-16 | 14-Sep-16 | 243d | -159d | |
| HV Switchroom to BS | 0d | 38d | 38d | 0% | |
| HV Switchroom to BS | 21-Apr-16 | 05-Oct-16 | 198d | -137d | |
| Installation in CLP HV Switchroom | 0d | 0d | 0d | 0% | |
| Installation in CLP HV Switchroom | 21-Apr-16 | 05-Oct-16 | 198d | -137d | |
| Switchroom to CLP | 0d | 90d | 90d | 0% | |
| Switchroom to CLP | 06-Oct-16 | 03-Jan-17 | 90d | -167d | |
| Switch Boards | 0d | 6d | 6d | 0% | |
| Switch Boards | 15-Sep-16 | 22-Sep-16 | 38d | -96d | |
| Drawpits to CLP (No.45-DH-001 to 007) | 0d | 32d | 32d | 0% | |
| Drawpits to CLP (No.45-DH-001 to 007) | 23-Sep-16 | 01-Nov-16 | 40d | -96d | |
| Drawpits to CLP (No.45-DH-001 to 007) | 6d | 31-Mar-16 | 0d | -90d | |
| Drawpits to CLP (No.45-DH-001 to 007) | 07-Apr-16 | 22-Sep-16 | 178d | -139d | |
| Drawpits to CLP (No.45-DH-001 to 007) | 09-May-16 | 01-Nov-16 | 186d | -145d | |
| CLP Inspection | 6d | 10-May-16 | 0d | -197d | |
| CLP Inspection | 17-May-16 | 11-Jan-17 | 270d | -148d | |
| meter and energize power | 6d | 21-Jul-16 | 0d | -144d | |
| meter and energize power | 27-Jul-16 | 18-Jan-17 | 175d | -148d | |
| Measurement Units (PMU) | 0d | 22d | 22d | 182d | |
| Measurement Units (PMU) | 08-Feb-17 | 04-Mar-17 | 26d | 182d | |
| Measurement Units (PMU) | 17d | 05-Aug-16 | 0d | -130d | |
| Measurement Units (PMU) | 29-Aug-16 | 08-Mar-17 | 161d | -96d | |
| Measurement Units (PMU) | 14-Feb-17 | 08-Mar-17 | 21d | -130d | |
| Measurement Units (PMU) | 29-Aug-16 | 08-Mar-17 | 161d | -96d | |
| Measurement Units (PMU) | 18-Aug-16 | 27-Feb-17 | 132d | -130d | |
| Measurement Units (PMU) | 18-Aug-16 | 27-Feb-17 | 132d | -96d | |
| Measurement Units (PMU) | 18-Aug-16 | 27-Feb-17 | 132d | -130d | |
| Measurement Units (PMU) | 29-Aug-16 | 08-Mar-17 | 161d | -130d | |
| Measurement Units (PMU) | 06-Oct-16 | 04-May-17 | 201d | -105d | |
| Measurement Units (PMU) | 06-Oct-16 | 04-May-17 | 201d | -139d | |



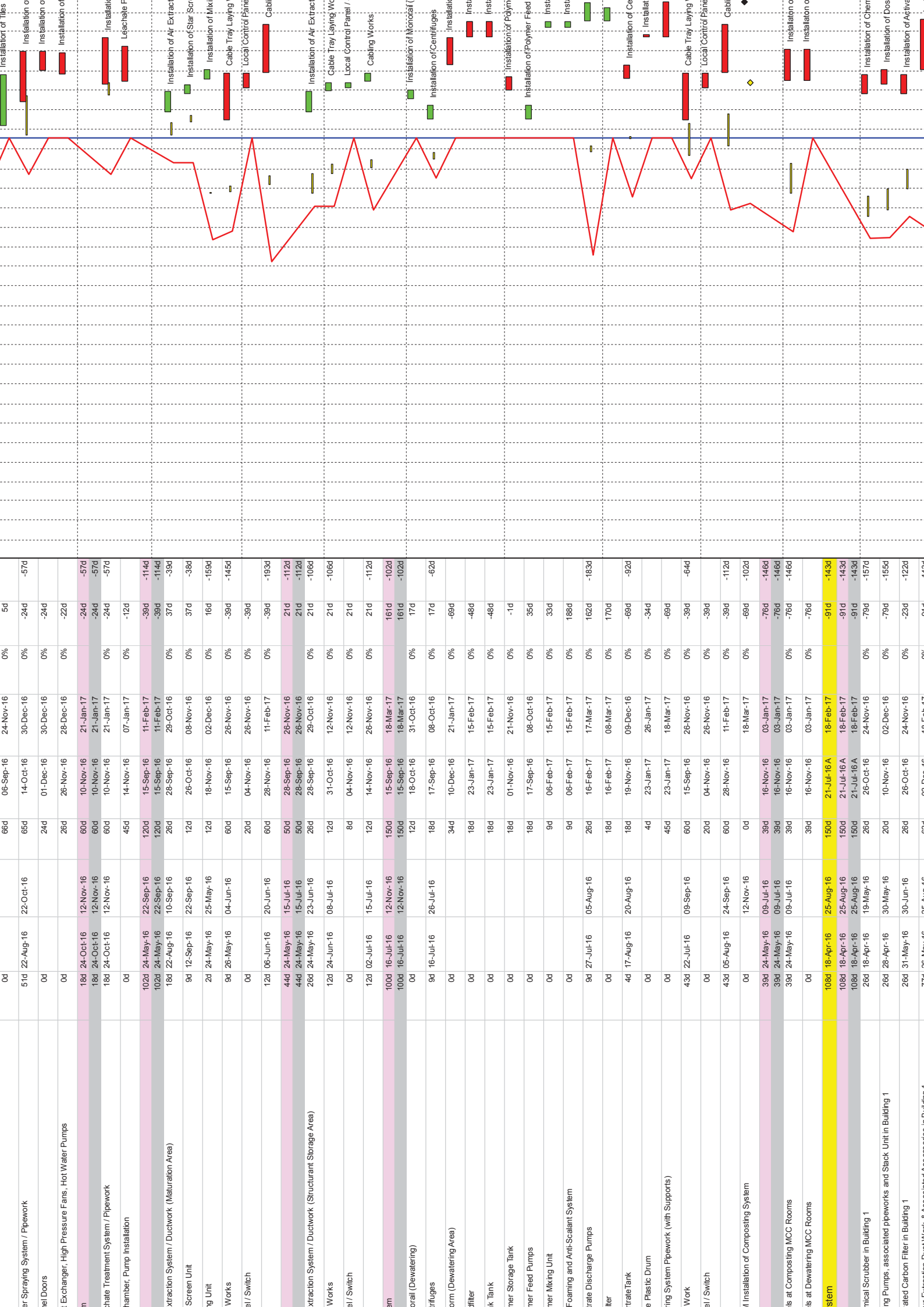


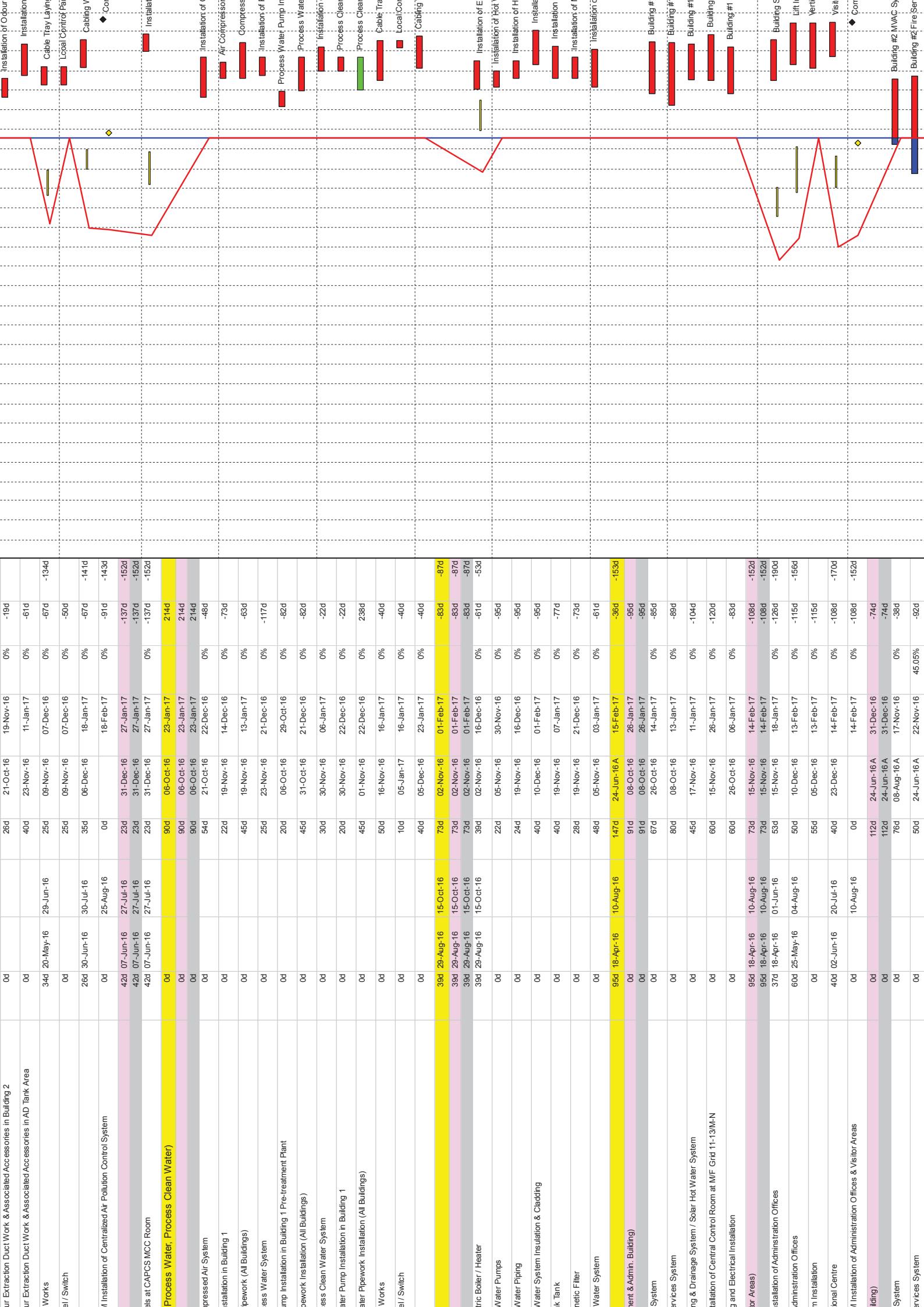
| Activity | Start Date | End Date | Progress (%) | Duration | Notes |
|---|------------|------------|--------------|----------|---|
| Installation of underground Earthing grid | 0d | 10-Aug-15A | 100% | | IC Certifies M.S. for installation of underground Earthing grid |
| Installation of Earthing System | 0d | 09-Sep-16* | 0% | -24d | Submit M.S. for Installation of Earthing System |
| Installation of Earthing System | 46d | 25-Oct-16 | 0% | -24d | IC Certifies M.S. for Installation of Earthing System |
| Installation of Instrument | 0d | 09-Sep-16* | 0% | -120d | Submit M.S. for Installation of Instrument |
| Installation of Instrument | 46d | 25-Oct-16 | 0% | -120d | IC Certifies M.S. for Installation of Instrument |
| Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank | 97d | 22-Nov-16 | -42d | | Submit M.S. for Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank |
| Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank | 97d | 22-Nov-16 | -42d | | IC Certifies M.S. for Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank |
| Installation of Biogas Storage Tank | 0d | 02-Feb-16A | 100% | | Submit M.S. for Installation of Biogas Storage Tank |
| Installation of Biogas Storage Tank | 0d | 23-Mar-16A | 100% | | IC Certifies M.S. for Installation of Biogas Storage Tank |
| Installation of Biogas Storage Tank | 0d | 23-Sep-16* | 0% | -110d | Submit M.S. for Installation of Biogas Storage Tank |
| Installation of Biogas Storage Tank | 46d | 08-Nov-16 | 0% | -110d | IC Certifies M.S. for Installation of Biogas Storage Tank |
| Installation of Grab Crane | 0d | 25-May-16A | 100% | | Submit M.S. for Installation of Grab Crane |
| Installation of Grab Crane | 0d | 30-Jun-16A | 100% | | IC Certifies M.S. for Installation of Grab Crane |
| Installation of Weighbridge | 0d | 16-Sep-16* | 0% | -75d | Submit M.S. for Installation of Weighbridge |
| Installation of Weighbridge | 46d | 01-Nov-16 | 0% | -75d | IC Certifies M.S. for Installation of Weighbridge |
| Installation of Vehicle Washing System | 0d | 06-Sep-16* | 0% | -119d | Submit M.S. for Installation of Vehicle Washing System |
| Installation of Vehicle Washing System | 46d | 22-Oct-16 | 0% | -119d | IC Certifies M.S. for Installation of Vehicle Washing System |
| Installation of De-sulphurisation System (exclude Biogas Storage Tank) | 0d | 09-Aug-16A | 100% | | Submit M.S. for Installation of De-sulphurisation System (exclude Biogas Storage Tank) |
| Installation of De-sulphurisation System (exclude Biogas Storage Tank) | 38d | 24-Sep-16 | 17.33% | -72d | IC Certifies M.S. for Installation of De-sulphurisation System (exclude Biogas Storage Tank) |
| Installation of Pipe Racks and Supports | 0d | 26-Sep-16* | 0% | -114d | Submit M.S. for Installation of Pipe Racks and Supports |
| Installation of Pipe Racks and Supports | 25d | 21-Oct-16 | 0% | -114d | IC Certifies M.S. for Installation of Pipe Racks and Supports |
| Installation of Pipe Bridge | 0d | 26-Sep-16* | 0% | -105d | Submit M.S. for Installation of Pipe Bridge |
| Installation of Pipe Bridge | 46d | 11-Nov-16 | 0% | -105d | IC Certifies M.S. for Installation of Pipe Bridge |
| Installation of Pre-treatment System | 0d | 26-Aug-16* | 0% | -115d | Submit M.S. for Installation of Pre-treatment System |
| Installation of Pre-treatment System | 46d | 11-Oct-16 | 0% | -115d | IC Certifies M.S. for Installation of Pre-treatment System |
| Installation of Dewatering and Composting System | 0d | 04-Jul-16A | 100% | | Submit M.S. for Installation of Dewatering and Composting System |
| Installation of Dewatering and Composting System | 2d | 19-Aug-16 | 95.65% | -14d | IC Certifies M.S. for Installation of Dewatering and Composting System |
| Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers) | 0d | 28-Apr-16A | 100% | | Submit M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers) |
| Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers) | 0d | 08-Jul-16A | 100% | | IC Certifies M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers) |
| Installation of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air) | 0d | 08-Jun-16A | 100% | | Submit M.S. for install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air) |
| Installation of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air) | 14d | 31-Aug-16 | 69.57% | -62d | IC Certifies M.S. for install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters & air) |
| Installation of Pipeline | 0d | 01-Aug-16A | 100% | | Submit M.S. for Installation of Pipeline |
| Installation of Pipeline | 30d | 16-Sep-16 | 34.78% | -92d | IC Certifies M.S. for Installation of Pipeline |
| Installation of Pumpsset and Rotating Equipment | 0d | 24-Jun-16A | 100% | | Submit M.S. for Installation of Pumpsset and Rotating Equipment |
| Installation of Pumpsset and Rotating Equipment | 23d | 09-Sep-16 | 50% | -112d | IC Certifies M.S. for Installation of Pumpsset and Rotating Equipment |
| Installation of Mechanical Support and Structure | 0d | 15-Sep-16* | 0% | -108d | Submit M.S. for Installation of Mechanical Support and Structure |
| Installation of Mechanical Support and Structure | 46d | 31-Oct-16 | 0% | -108d | IC Certifies M.S. for Installation of Mechanical Support and Structure |
| Installation of FRP Ducting | 0d | 15-Jun-16A | 100% | | Submit M.S. for Installation of FRP Ducting |
| Installation of FRP Ducting | 0d | 20-Jul-16A | 100% | | IC Certifies M.S. for Installation of FRP Ducting |
| Installation of CHP Heat Recovery system | 0d | 06-Sep-16* | 0% | -84d | Submit M.S. for Installation of CHP Heat Recovery system |
| Installation of CHP Heat Recovery system | 46d | 22-Oct-16 | 0% | -84d | IC Certifies M.S. for Installation of CHP Heat Recovery system |
| Installation of Electric Heater | 0d | 16-Sep-16* | 0% | -75d | Submit M.S. for Installation of Electric Heater |
| Installation of Electric Heater | 46d | 01-Nov-16 | 0% | -75d | IC Certifies M.S. for Installation of Electric Heater |
| Installation of CEMS | 0d | 28-Jul-16A | 100% | | Submit M.S. for Installation of CEMS |
| Installation of CEMS | 26d | 12-Sep-16 | 43.48% | 29d | IC Certifies M.S. for Installation of CEMS |
| Installation of CHP & ASP Stack | 0d | 30-Sep-16* | 0% | -99d | Submit M.S. for Installation of CHP & ASP Stack |
| Installation of CHP & ASP Stack | 46d | 15-Nov-16 | 0% | -99d | IC Certifies M.S. for Installation of CHP & ASP Stack |





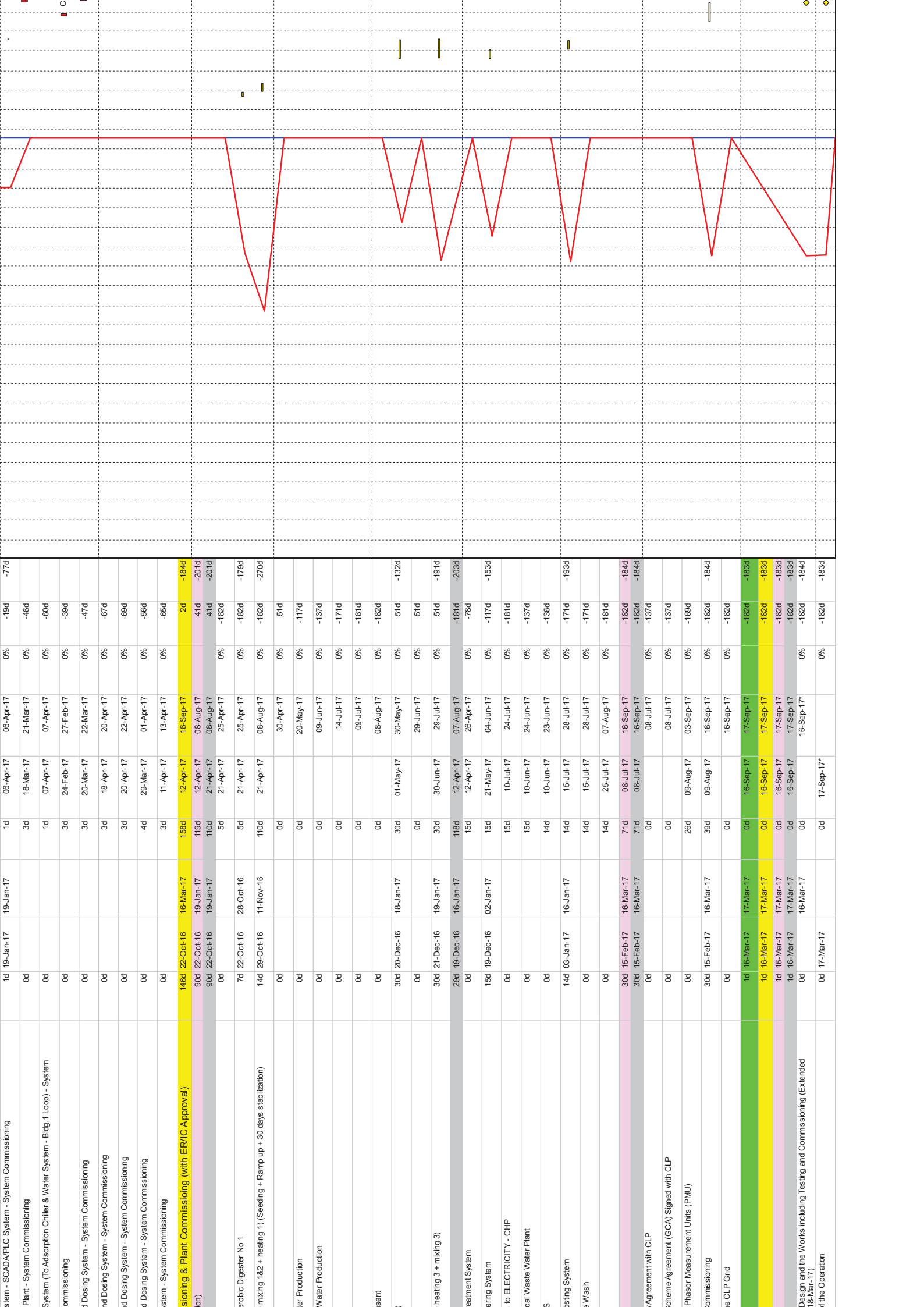
| Project ID | Project Name | Phase | Start Date | End Date | Progress (%) | Duration (Days) | Current Status | Next Milestone | | | | | |
|------------|---|--|------------|-----------|--------------|-----------------|-----------------------------------|--|--|---|--|---|---|
| P001 | Power Generation System Pipework | Continuous Emissions Monitoring System (CEMS) | 0d | 08-Dec-16 | 0% | -62d | Installation of CEMS Sensors | CEMS System Commissioning | | | | | |
| | | | 26d | 08-Dec-16 | 0% | -31d | Installation of CEMS Data Loggers | CEMS System Commissioning | | | | | |
| | | | 26d | 13-Oct-16 | 0% | -12d | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 29-Oct-16 | 0% | -12d | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 38d | 08-Dec-16 | 0% | -31d | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 30-Nov-16 | 0% | -84d | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 31-Dec-16 | -147d | | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 31-Dec-16 | -147d | | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 31-Dec-16 | -147d | | CEMS System Integration | CEMS System Commissioning | | | | | |
| | | | 0d | 31-Dec-16 | -147d | | CEMS System Integration | CEMS System Commissioning | | | | | |
| P002 | Heat Recovery and Power Generation System | Heat Recovery System no.1 (Desulphurisation) | 108d | 02-Jul-16 | 0% | -16d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 108d | 02-Jul-16 | 0% | -58d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 108d | 02-Jul-16 | 0% | -58d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 28d | 02-Jul-16 | 0% | -34d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 28d | 02-Aug-16 | 0% | -26d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 26d | 01-Sep-16 | 0% | -71d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 31d | 15-Sep-16 | 0% | -63d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 39d | 01-Sep-16 | 0% | -52d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 0d | 20-Oct-16 | 0% | -9d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| | | | 17d | 20-Oct-16 | 0% | -16d | Installation of Heat Exchangers | Heat Recovery System Commissioning | | | | | |
| P003 | Biogas Cleaning and Storage System | Biogas Cleaning System no.2 (Desulphurisation) | 0d | 08-Nov-16 | 0% | -16d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | | |
| | | | 74d | 02-Jul-16 | 27-Sep-16 | 43d | -100d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 74d | 02-Jul-16 | 27-Sep-16 | 42d | -98d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 74d | 02-Jul-16 | 27-Sep-16 | 42d | -98d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 18d | 02-Jul-16 | 22-Jul-16 | 0% | -54d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 18d | 02-Jul-16 | 22-Jul-16 | 0% | -74d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 18d | 02-Jul-16 | 22-Jul-16 | 0% | -82d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 0d | 22-Oct-16 | 25-Nov-16 | 0% | -81d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 0d | 26-Nov-16 | 26-Jan-17 | 0% | -42d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| | | | 20d | 10-Sep-16 | 05-Oct-16 | 0% | 51d | Installation of Biogas Cleaners | Biogas Cleaning System Commissioning | | | | |
| P004 | Biogas Distribution System | Biogas Distribution System | 38d | 23-Jul-16 | 0% | -33d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | | |
| | | | 0d | 09-Dec-16 | 28-Dec-16 | 0% | -33d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | |
| | | | 17d | 07-Sep-16 | 27-Sep-16 | 0% | -33d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | |
| | | | 0d | 27-Sep-16 | 26-Jan-17 | 0% | -99d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | |
| | | | 23d | 31-Dec-16 | 27-Jan-17 | -147d | | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | |
| | | | 23d | 31-Dec-16 | 27-Jan-17 | -147d | | Installation of Biogas Piping | Biogas Distribution System Commissioning | | | | |
| | | | 110d | 04-Feb-16 | 22-Jun-16 | 109d | 20-Jan-17 | -100d | -175d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | |
| | | | 94d | 26-Feb-16 | 22-Jun-16 | 109d | 20-Jan-17 | -100d | -175d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | |
| | | | 94d | 26-Feb-16 | 22-Jun-16 | 109d | 20-Jan-17 | -100d | -175d | Installation of Biogas Piping | Biogas Distribution System Commissioning | | |
| | | | 40d | 26-Feb-16 | 16-Apr-16 | 40d | 14-Nov-16 | 0% | -91d | -174d | Installation of Biogas Piping | Biogas Distribution System Commissioning | |
| P005 | Wastewater Treatment System | Wastewater Treatment System | 24d | 18-Apr-16 | 17-May-16 | 24d | 12-Dec-16 | 0% | -88d | -174d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning | |
| | | | 26d | 18-May-16 | 17-Jun-16 | 15d | 28-Dec-16 | 14-Jan-17 | 0% | -99d | -174d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 21d | 28-May-16 | 22-Jun-16 | 21d | 23-Dec-16 | 19-Jan-17 | 0% | -99d | -174d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 51d | 14-Apr-16 | 15-Jun-16 | 82d | 09-Sep-16 | 16-Dec-16 | 0% | -103d | -154d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 0d | 17-Oct-16 | 13-Jan-17 | 74d | 17-Oct-16 | 13-Jan-17 | 0% | -100d | | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 0d | 02-Dec-16 | 20-Jan-17 | 40d | 02-Dec-16 | 20-Jan-17 | 0% | -100d | | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 0d | 16-Nov-16 | 08-Dec-16 | 20d | 16-Nov-16 | 08-Dec-16 | 0% | -66d | | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 0d | 17-Dec-16 | 10-Jan-17 | 18d | 17-Dec-16 | 10-Jan-17 | 0% | -91d | | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 21d | 18-Apr-16 | 12-May-16 | 60d | 13-Oct-16 | 21-Dec-16 | 0% | -88d | -185d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| | | | 0d | 13-May-16 | 14-Jun-16 | 26d | 19-Nov-16 | 21-Dec-16 | 0% | -89d | | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning |
| 0d | 22-Jun-16 | 20-Jan-17 | 0d | 22-Jun-16 | 20-Jan-17 | 0% | -100d | -175d | Installation of Wastewater Treatment | Wastewater Treatment System Commissioning | | | |







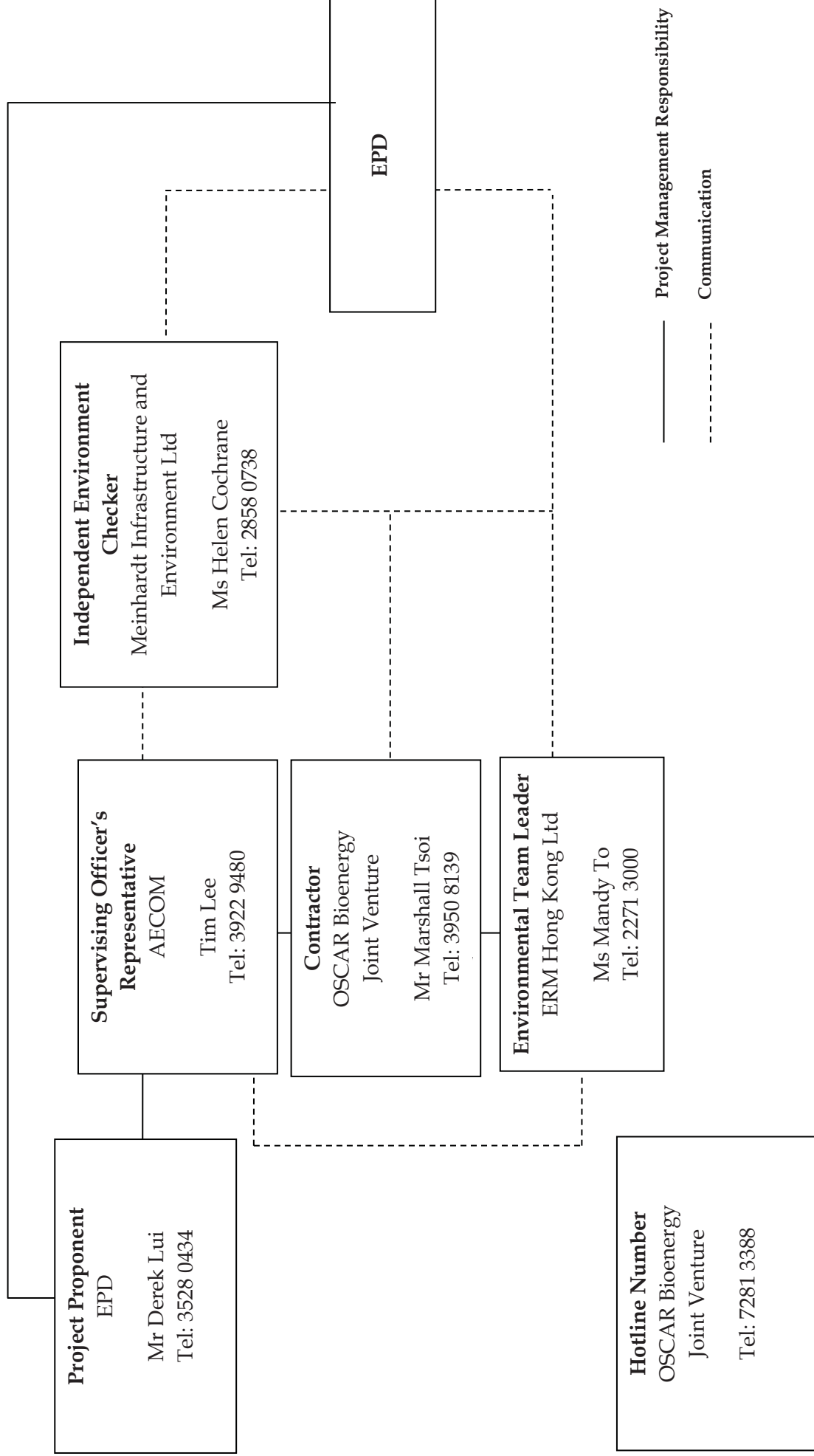
| System / Activity | Start Date | End Date | Duration (Days) | Progress (%) | Start Value | End Value | Change |
|---|--|---------------|-----------------|--------------|-------------|-----------|--------|
| CC (For Waste Receiving and Pre-Treatment System) | 1d 28-Jul-16 | 28-Jul-16 | 18d | 07-Feb-17 | 0% | -148d | -174d |
| | 1d 28-Jul-16 | 28-Jul-16 | 12d | 07-Feb-17 | 20-Feb-17 | 0% | -142d |
| | 0d | | 12d | 07-Feb-17 | 20-Feb-17 | 0% | -142d |
| | 0d | | 12d | 21-Feb-17 | 06-Mar-17 | 0% | -144d |
| hydraulic testing & pipe pressure testing (with ER/IC Approval) | 188d 29-Jul-16 | 16-Mar-17 | 198d | 17-Jan-17 | 16-Sep-17 | 1d | -150d |
| | 134d 29-Jul-16 | 07-Jan-17 | 86d | 17-Jan-17 | 06-May-17 | -81d | -93d |
| | 134d 29-Jul-16 | 07-Jan-17 | 86d | 17-Jan-17 | 06-May-17 | -81d | -93d |
| | 134d 29-Jul-16 | 07-Jan-17 | 86d | 17-Jan-17 | 06-May-17 | -81d | -93d |
| | 27d 19-Sep-16 | 19-Oct-16 | 14d | 24-Feb-17 | 11-Mar-17 | 0% | -139d |
| | 0d | | 13d | 23-Mar-17 | 07-Apr-17 | 0% | -148d |
| | 0d | | 14d | 17-Jan-17 | 04-Feb-17 | 0% | -98d |
| | 30d 13-Sep-16 | 20-Oct-16 | 16d | 21-Feb-17 | 10-Mar-17 | 0% | -116d |
| | 0d | | 10d | 06-Feb-17 | 16-Feb-17 | 0% | -98d |
| | 30d 01-Dec-16 | 07-Jan-17 | 26d | 24-Feb-17 | 25-Mar-17 | 0% | -63d |
| Primary and Power Generation System | 0d | | 3d | 21-Feb-17 | 23-Feb-17 | 0% | -63d |
| | 30d 09-Nov-16 | 13-Dec-16 | 26d | 27-Jan-17 | 01-Mar-17 | 0% | -42d |
| | 51d 29-Jul-16 | 27-Sep-16 | 6d | 07-Feb-17 | 13-Feb-17 | 0% | -44d |
| | 0d | | 4d | 14-Mar-17 | 17-Mar-17 | 0% | -81d |
| | 0d | | 16d | 20-Jan-17 | 10-Feb-17 | 0% | -139d |
| | 0d | | 17d | 18-Mar-17 | 07-Apr-17 | 0% | -81d |
| | 0d | | 2d | 08-Apr-17 | 10-Apr-17 | 0% | -81d |
| | 0d | | 6d | 13-Mar-17 | 18-Mar-17 | 0% | -67d |
| | 0d | | 8d | 20-Mar-17 | 28-Mar-17 | 0% | -67d |
| | 0d | | 3d | 11-Apr-17 | 13-Apr-17 | 0% | -69d |
| Secondary and Dosing System | 0d | | 3d | 13-Apr-17 | 19-Apr-17 | 0% | -69d |
| | 51d 26-Aug-16 | 27-Oct-16 | 11d | 11-Feb-17 | 23-Feb-17 | 0% | -139d |
| | 0d | | 7d | 01-Apr-17 | 10-Apr-17 | 0% | -69d |
| | 0d | | 13d | 01-Apr-17 | 20-Apr-17 | 0% | -70d |
| | 43d 14-Nov-16 | 05-Jan-17 | 24d | 03-Apr-17 | 06-May-17 | 0% | -81d |
| | 0d | | 13d | 24-Feb-17 | 10-Mar-17 | 0% | -79d |
| | 39d 29-Jul-16 | 12-Sep-16 | 2d | 18-Mar-17 | 20-Mar-17 | 0% | -46d |
| | 0d | | 14d | 18-Mar-17 | 03-Apr-17 | 0% | -58d |
| | 0d | | 14d | 21-Mar-17 | 06-Apr-17 | 0% | -60d |
| | Tertiary and Filtration System (To Adsorption Chiller & Water System - Bldg. 1 Loop) | 76d 20-Oct-16 | 19-Jan-17 | 74d | 06-Feb-17 | 09-May-17 | -38d |
| 76d 20-Oct-16 | | 19-Jan-17 | 74d | 06-Feb-17 | 09-May-17 | -38d | -85d |
| 76d 20-Oct-16 | | 19-Jan-17 | 74d | 06-Feb-17 | 09-May-17 | -38d | -85d |
| 0d | | | 2d | 06-Feb-17 | 07-Feb-17 | 0% | -88d |
| 0d | | | 2d | 17-Feb-17 | 18-Feb-17 | 0% | -98d |
| 0d | | | 3d | 11-Feb-17 | 14-Feb-17 | 0% | -16d |
| 0d | | | 3d | 24-Feb-17 | 26-Feb-17 | 0% | -34d |
| 1d 20-Oct-16 | | 20-Oct-16 | 4d | 12-Mar-17 | 15-Mar-17 | 0% | -149d |
| 0d | | | 4d | 08-Apr-17 | 11-Apr-17 | 0% | -182d |
| 1d 21-Oct-16 | | 21-Oct-16 | 1d | 11-Mar-17 | 11-Mar-17 | 0% | -142d |
| Cogen and Process Startup | 1d 14-Dec-16 | 14-Dec-16 | 1d | 02-Mar-17 | 02-Mar-17 | 0% | 16d |
| | 1d 09-Jan-17 | 09-Jan-17 | 1d | 26-Mar-17 | 26-Mar-17 | 0% | -76d |
| | 0d | | 4d | 14-Feb-17 | 17-Feb-17 | 0% | -19d |
| | 1d 11-Jan-17 | 11-Jan-17 | 3d | 08-Apr-17 | 10-Apr-17 | 0% | -77d |
| | 0d | | 3d | 11-Apr-17 | 13-Apr-17 | 0% | -79d |
| | 0d | | 4d | 21-Apr-17 | 24-Apr-17 | 0% | -90d |
| | 1d 12-Jan-17 | 12-Jan-17 | 2d | 07-May-17 | 09-May-17 | 0% | 105d |
| | 1d 12-Jan-17 | 12-Jan-17 | 2d | 07-May-17 | 09-May-17 | 0% | 105d |
| | 1d 12-Jan-17 | 12-Jan-17 | 2d | 07-May-17 | 09-May-17 | 0% | 105d |
| | 1d 12-Jan-17 | 12-Jan-17 | 2d | 07-May-17 | 09-May-17 | 0% | 105d |



Annex D

Project Organization Chart with Contact Details

Project Organization During Construction Phase (with contact details)



Annex E

Implementation Schedule of Mitigation Measures

Annex E Summary of Mitigation Measures Implementation Schedule

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/Timing | Status |
|--|---------------|--|--|--------|
| <i>Summary of Environmental Mitigation Measures in the EIA and EM&A Manual</i> | | | | |
| <i>A. Air Quality</i> | | | | |
| 3.73 | 2.5 | <p><u>Air Pollution Control (Construction Dust) Regulation & Good Site Practices</u></p> <ul style="list-style-type: none"> • Use of regular watering, with complete coverage, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather. • Use of frequent watering for particularly dusty construction areas and areas close to ASRs. • Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines. • Open stockpiles should be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs. • Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. • Establishment and use of vehicle wheel and body washing facilities at the exit points of the site. • Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading points, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. • Imposition of speed controls for vehicles on unpaved site roads. 8 kilometers per hour is the recommended limit. • Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs. • Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. • Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed. • Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system. | Construction Site / During Construction Period | <> |
| <i>B. Hazard to Life</i> | | | | |
| 4.102 | 3.3 | <p><u>Construction Phase</u></p> <ul style="list-style-type: none"> • The number of workers on site during construction stage should be kept at the same level as | Construction Site / During Construction Period | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|-------------------------|--|--|--------|
| | | <p>the assessment.</p> <ul style="list-style-type: none"> • Construction works should be suspended when delivery of chlorine takes place. • 3m high fence should be constructed along the boundary facing the SHWWTW. • Emergency evacuation procedures should be formulated and the Contractor should ensure all workers on site should be familiar with these procedures as well as the route to escape in case of gas release incident. Relevant Departments, such as Fire Services Department (FSD), should be consulted during the development of Emergency procedures. Diagram showing the escape routes to a safe place should be posted in the site notice boards and at the entrance/exit of site. A copy of the latest version emergency procedures should be dispatched to Tung Chung Fire Station for reference once available. • The emergency procedures should specify means of providing a rapid and direct warning (e.g. Siren and Flashing Light) to construction workers in the event of chlorine gas release in the SHWWTW. • The Contractor should establish a communication channel with the SHWWTW operation personnel and FSD during construction stage. In case of any hazardous incidents in the treatment works, operation personnel of SHWWTW should advise the Contractor to inform construction workers to proceed with emergency procedure. The Contractor should appoint a Liaison Officer to communicate with FSD Incident Commander on site in case of emergency. • Introduction training should be provided to any staff before carryout construction works at the Project site. • Periodic drills should be coordinated and conducted to ensure all construction personnel are familiar with the emergency procedures. Upon completion of the drills, a review on every step taken should be conducted to identify area of improvement. Prior notice of periodic drills should be given to Station Commander of Tung Chung Fire Station. Joint operational exercise with FSD and SHWWTW is recommended. | | |
| 5.44 | C. Water Quality 4.5 | <p><u>Construction site run-off and general construction activities:</u> The mitigation measures as outlined in the ProPECC PN 1/94 Construction Site Drainage should be adopted where applicable.</p> | Construction Site / During Construction Period | <> |
| 5.45 | 4.5 | <p><u>Excavation of Soil Materials</u> The construction programme should be properly planned to minimise soil excavation, if any, in rainy seasons. This prevents soil erosion from exposed soil surfaces. Any exposed soil surfaces should also be properly protected to minimise dust emission. In areas where a large amount of exposed soils exist, earth bunds or sand bags should be provided. Exposed stockpiles should be covered with tarpaulin or impervious sheets at all times. The stockpiles of</p> | Construction Site / During Construction Period | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|---------------|---|--|--------|
| | | materials should be placed at locations away from any stream courses so as to avoid releasing materials into the water bodies. Final surfaces of earthworks should be compacted and protected by permanent work. | | |
| 5.46 | 4.5 | <i>Accidental spillage of chemicals:</i> Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes. | Construction Site / During Construction Period | √ |
| 5.47 | 4.5 | Maintenance of vehicles and equipments involving activities with potential for leakage and spillage should only be undertaken within the areas which appropriately equipped to control these discharges. | Construction Site / During Construction Period | √ |
| 5.48 | 4.5 | Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal. | Construction Site / During Construction Period | <> |
| 5.49 | 4.5 | Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: <ul style="list-style-type: none"> • Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport. • Chemical waste containers should be suitably labeled, to notify and warn the personnel who are handling the wastes, to avoid accidents. • Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area. | Construction Site / During Construction Period | <> |
| 5.50 | | Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid entering to the nearby watercourses. Stockpiles of cement and other construction materials should be kept covered when not being used. Rubbish and litter from construction sites should also be collected to prevent spreading of rubbish and litter from the site area. It is recommended to clean the construction sites on a regular basis. | Construction Site / During Construction Period | <> |
| 5.51 | 4.5 | <u>Sewage Effluent</u> | Work site/ During the | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------------------------|---------------|--|------------------------------------|-----------|
| | | The presence of construction workers generates sewage. It is recommended to provide sufficient chemical toilets in the works areas. The toilet facilities should be more than 30m from any watercourse. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis. | construction period | |
| 5.52 | 4.5 | Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site. | Work Site / Construction Period | √ |
| 5.53 | 4.5 | <p><u>Nullah Decking</u></p> <p>To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable:</p> <ul style="list-style-type: none"> • The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low. • The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed. • Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works. • Stockpiling of construction materials and dusty materials should be covered and located away from the nullah any water courses. • Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nullah and nearby water receivers. • Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the nullah, where practicable. • Construction effluent, site run-off and sewage should be properly collected and/or treated. • Any works site inside the nullah should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality. • Proper shoring may need to be erected in order to prevent soil/ mud from slipping into the nullah and nearby watercourse. • Supervisory staff should be assigned to station | Work Site / Construction Period | N/A |
| <i>D. Waste Management</i> | | | | |
| 6.41 | 5.4 | <u>Good Site Practices</u> | Work Site / | During <> |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|---------------|---|--|--------|
| 6.42 | | <p>Recommendations for good site practices during the construction phase would include:</p> <ul style="list-style-type: none"> • Obtain relevant waste disposal permits from appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354) and subsidiary Regulations and the Land (Miscellaneous Provisions) Ordinance (Cap. 28); • Provide staff training for proper waste management and chemical handling procedures; • Provide sufficient waste disposal points and regular waste collection; • Provide appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; • Carry out regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; • Separate chemical wastes for special handling and disposed of to licensed facility for treatment; and • Employ licensed waste collector to collect waste. | Construction Period | |
| 6.44 | 5.5 | <p><u>Waste Reduction Measures</u></p> <p>Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> • Design foundation works that could minimise the amount of excavated material to be generated; • Provide training to workers on the importance of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; • Sort out demolition debris and excavated materials from demolition works to recover reusable/ recyclable portions (i.e. soil, broken concrete, metal etc.); • Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Encourage the collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce; and • Plan and stock construction materials carefully to minimize the amount of waste to be generated and to avoid unnecessary generation of waste. | Work Site/ During Design & Construction Period | √ |
| 6.44 | 5.7 | <p><u>Excavated and C&D Materials</u></p> <p>In order to minimise the impact resulting from collection and transportation of C&D material for off-site disposal, the excavated material arising from site formation and foundation works should be reused on-site as backfilling material and for landscaping works as far as practicable. Other mitigation requirements are listed below:</p> <ul style="list-style-type: none"> • A WMP, which becomes part of the Environmental Management Plan (EMP), should be prepared in accordance with ETWB TCW No.19/2005; | Work Site/ During Design & Construction Period | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|---------------------|---------------------------------------|---|--|--------|
| 6.45 - 6.46 | 5.8 - 5.9 | <ul style="list-style-type: none"> A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites) should be adopted for easy tracking; and In order to monitor the disposal of excavated and C&D material at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to ETWB TCW No. 31/2004). <p>An EMP should be prepared and implemented in accordance with ETWB TCW No. 19/2005 which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from construction activities. The EMP should be submitted to the Supervising Officer (SO) and Supervising Officer's Representative (SOR) for approval. The EMP should be reviewed regularly and updated, preferably on a monthly basis.</p> <p>A system should be devised to work for on-site sorting of excavated and C&D materials and promptly removing all sorted and process materials arising from the construction activities to minimize temporary stockpiling on-site. The system should be included in the EMP identifying the source of generation, estimated quantity, arrangement for on-site sorting, collection, temporary storage areas and frequency of collection by recycling Contractors or frequency of removal off-site.</p> | Work Site/ During Design & Construction Period | √ |
| 6.47 | 5.10 | <p><u>Chemical Waste</u></p> <p>Should chemical wastes be produced at the construction site, the Contractor would be required to register with EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste (such as explosive, flammable, oxidizing, irritant, toxic, harmful, or corrosive). The Contractor should employ a licensed collector to transport and dispose of the chemical wastes, to either the CWTC in Tsing Yi, or any other licensed facilities, in accordance with the Waste Disposal (Chemical Waste) General Regulation.</p> | Work Site / During Construction Period | <> |
| 6.48 | 5.11 | <p><u>General Refuse</u></p> <p>General refuse should be stored in enclosed bins or compaction units separated from C&D material. A licensed waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.</p> | Work Site / During Construction Period | <> |
| E. 7.99 & Table 7.7 | <u>Landscape and Visual Table 6.1</u> | <p><u>Construction Phase</u></p> <ul style="list-style-type: none"> Topsoil, where identified, should be stripped and stored for re-use in the construction of the | Work site/ During Design & Construction Stages | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|-----------------|---------------|---|--|--------|
| | | <p>soft landscape works, where practical</p> <ul style="list-style-type: none"> • Compensatory tree planting should be provided to compensate for felled trees. - Compensation tree species shall be chosen from both indigenous and ornamental species - Compensatory tree planting quantities shall be as per DLO approved requirement. • Control of night-time lighting • Erection of decorative screen hoarding compatible with the surrounding setting | | |
| <i>F. Noise</i> | | | | |
| 8.25 | 7.3 | <p>Good Site Practice:</p> <ul style="list-style-type: none"> • Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program; • Mobile plant, if any, should be sited as far from noise sensitive receivers (NSRs) as possible; • Machines and plant (such as trucks) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; • Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and • Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities. | Work site/ During Design & Construction Stages | √ |

Remark:

- √ Compliance of Mitigation Measures
- <> Compliance of Mitigation but need improvement
- x Non-compliance of Mitigation Measures
- ▲ Non-compliance of Mitigation Measures but rectified by OSCAR Bioenergy JV
- Δ Deficiency of Mitigation Measures but rectified by OSCAR Bioenergy JV
- N/A Not Applicable in Reporting Period

Annex F

Waste Flow Table

**No. EP/SP/61/10 of Organic Waste Treatment Facilities Phase I
Monthly Summary Waste Flow Table**

| Month | Actual Quantities of Inert C&D Materials Generated | | | | | Actual Quantities of Non-inert C&D Materials (Construction Waste) Generated | | | | |
|----------------|--|------------------------|--------------------------|------------------------------------|-------------------------|---|---|-----------------------|----------------|--|
| | Total Quantity Generated | Reused in the Contract | Reused in other Projects | Hard Rocks & Large Broken Concrete | Disposed as Public Fill | Metals (see Note 1) | Paper/ cardboard packaging (see Note 1) | Plastics (see Note 2) | Chemical Waste | Others, e.g. general refuse (see Note 3) |
| | tonne | tonne | tonne | tonne | tonne | kilogram | kilogram | kilogram | Litre | tonne |
| May 2015 | 29.58 | 0.00 | 0.00 | 0.00 | 29.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| June 2015 | 2226.90 | 0.00 | 0.00 | 0.00 | 2226.90 | 0.00 | 0.00 | 0.00 | 0.00 | 9.66 |
| July 2015 | 2832.27 | 0.00 | 0.00 | 0.00 | 2832.27 | 0.00 | 0.00 | 0.00 | 0.00 | 33.68 |
| August 2015 | 6657.25 | 0.00 | 0.00 | 0.00 | 6657.25 | 0.00 | 20.00 | 0.00 | 0.00 | 55.06 |
| September 2015 | 5467.05 | 0.00 | 0.00 | 0.00 | 5467.05 | 3480.00 | 0.00 | 0.00 | 0.00 | 83.81 |
| October 2015 | 5419.04 | 0.00 | 0.00 | 0.00 | 5419.04 | 18710.00 | 0.00 | 0.00 | 0.00 | 20.45 |
| November 2015 | 1375.26 | 0.00 | 0.00 | 0.00 | 1375.26 | 21610.00 | 0.00 | 0.00 | 0.00 | 17.38 |
| December 2015 | 2199.56 | 75.28 | 0.00 | 0.00 | 2124.28 | 0.00 | 41.00 | 0.00 | 0.00 | 21.83 |
| January 2016 | 4601.43 | 0.00 | 0.00 | 0.00 | 4601.43 | 18140.00 | 50.00 | 0.00 | 640.00 | 20.86 |
| February 2016 | 4166.42 | 0.00 | 0.00 | 0.00 | 4166.42 | 510.00 | 79.00 | 0.00 | 0.00 | 16.57 |
| March 2016 | 299.92 | 41.28 | 0.00 | 0.00 | 258.64 | 22320.00 | 75.00 | 0.00 | 0.00 | 22.69 |
| April 2016 | 3186.37 | 98.37 | 0.00 | 0.00 | 3088.00 | 60690.00 | 77.00 | 0.00 | 255.00 | 37.63 |
| May 2016 | 1612.33 | 63.41 | 0.00 | 0.00 | 1548.92 | 13490.00 | 0.00 | 0.00 | 0.00 | 40.76 |
| June 2016 | 1144.73 | 0.00 | 30.43 | 0.00 | 1114.30 | 14.460 | 0.120 | 0.00 | 0.00 | 58.34 |
| July 2016 | 662.76 | 0.00 | 0.00 | 0.00 | 662.76 | 13.370 | 0.000 | 0.00 | 0.00 | 40.48 |
| August 2016 | 391.88 | 0.00 | 0.00 | 0.00 | 391.88 | 18.660 | 0.084 | 0.00 | 0.00 | 61.91 |
| Total | 42272.75 | 278.34 | 30.43 | 0 | 41963.98 | 158996.5 | 342.204 | 0 | 895 | 541.11 |

- Notes: (1) Metal and paper/cardboard packaging were collected by recycler for recycling.
(2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material collected by recycler for recycling.
(3) General refuse was disposed of at NENT by subcontractors.

Annex G

Environmental Complaint,
Environmental Summons
and Persecution Log

Annex G Cumulative Complaint and Summons/Prosecutions Log

| Reporting Month | Number of Complaints in Reporting Month | Number of Summons/Prosecutions in Reporting Month |
|------------------------|--|--|
| May 2015 | 0 | 0 |
| June 2015 | 0 | 0 |
| July 2015 | 0 | 0 |
| August 2015 | 0 | 0 |
| September 2015 | 0 | 0 |
| October 2015 | 0 | 0 |
| November 2015 | 0 | 0 |
| December 2015 | 0 | 0 |
| January 2016 | 0 | 0 |
| February 2016 | 0 | 0 |
| March 2016 | 0 | 0 |
| April 2016 | 0 | 0 |
| May 2016 | 0 | 0 |
| June 2016 | 0 | 0 |
| July 2016 | 0 | 0 |
| August 2016 | 0 | 0 |
| Overall Total | 0 | 0 |

Annex H

Investigation Report of Environmental Non- Compliance

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Waste Treatment Facilities
Phase 1:
Non-Compliance Investigation Report

27 September 2016

Environmental Resources Management

16/F, Berkshire House,
25 Westlands Road,
Quarry Bay, Hong Kong
Telephone: (852) 2271 3000
Facsimile: (852) 2723 5660
E-mail: post.hk@erm.com
<http://www.erm.com>



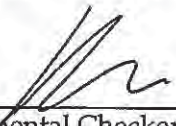
INVESTIGATION REPORT

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Waste Treatment Facilities
Phase 1:
Non-Compliance Investigation Report

27 September 2016

Reference 0279222

| | |
|---|--|
| For and on behalf of ERM-Hong Kong, Limited | |
| Approved by: | Frank Wan |
| Signed: |  |
| Position: | Partner |
| Certified by: |  (Environmental Team Leader - Mandy To) |
| Certified by: |  (Independent Environmental Checker - Helen Cochrane) |
| Date: | 27 September 2016 |

Investigation Report of Environmental Non-Compliance

| | |
|-----------------------------------|---|
| Date | 25 Aug 2016 |
| Time | 09:45 a.m. |
| Monitoring Location | Temporary waste water treatment facilities at P1 of the Site (Detailed location and photos shown on the marked drawing DR-PSC-00-0CN-1005 attached as Appendix A) |
| Weather | Fine |
| Parameter | Water (WPCO Effluent Discharge License attached as Appendix B) |
| Incident Description | <ol style="list-style-type: none"> 1. Po Shing is OSCAR's civil work subcontractor who is responsible to construct, operate and maintain the site waste water treatment facilities. 2. In mid-August 2016, OSCAR requested Po Shing to replace the honeycomb filter of a sedimentation tank in order to ensure the site waste water treatment facilities can maintain its performance. 3. On 25 August 2016, Po Shing assigned a worker to carry out some preparation works for filter replacement by using some water to clean the sedimentation tank (Cleaning procedure attached as Appendix C). 4. During the cleaning process, the labour mistakenly disconnected the piping between the sedimentation tank and the subsequent waste water treatment tank. 5. The washing water flowed out through the overflow pipe to the ground. 6. Some of excess washing water eventually split into the Nullah for about 5 minutes. 7. Sand bag were provided along the edge of Nullah since March 2016 to avoid surface runoff entering the Nullah from P1 (Photos attached as Appendix D). During the incident period, the sand bags were still placed there. |
| Action Taken / Action to be Taken | <ol style="list-style-type: none"> 1. Upon becoming aware of this incident, OSCAR immediately stopped the cleansing process and all operations relating to the waste water treatment tank in the morning of 25 August 2016. 2. Two water samples had been taken under the supervision of EPD's and ER's representatives. The first water sample was taken at the discharge point on 25 August |

| | |
|---|---|
| | <p>2016 and failed to pass the standards stipulated in the WPCO Effluent Discharge License. A second water sample was taken on 9 September 2016 which complied with the standards in the WPCO Effluent Discharge License. (The laboratory testing reports were attached as Appendix E).</p> <ol style="list-style-type: none"> 3. During the period where the wastewater treatment plant was not in operation, effluent was firstly collected in a sump pit for participation and soak away before pumping to the sedimentation tank. 4. Cleaning process will be resumed once training is provided. During cleaning, all works will be carried out under close supervision of the assigned competent persons. 5. Contractor will use concrete to properly cover all the sand bags and stabilize the sands dropped from broken sand bags to avoid the sands washed into the Nullah by surface runoff. |
| <p>Remedial Works and Follow-up Actions</p> | <p>After the event, OSCAR immediately enforce the following actions to prevent the recurrence of the similar incident:</p> <ol style="list-style-type: none"> 1. In-House Rule A set of in-house rules to govern the procedures of operation and maintenance for the waste water treatment system will be prepared and strictly imposed on site, which include the designation of competent person and the correct method of cleaning the tanks. 2. Training Training has been provided to the site personnel for the operation and maintenance of the waste water treatment system, particularly during maintenance and dismantling any part of the waste water treatment system (Training record is attached as Appendix F). 3. Supervision OSCAR will assign site supervisor to monitor future filter replacement works to ensure that all washing water will be retained in the waste water treatment tank and treated before discharge. |

OSCAR Bioenergy Joint Venture
EP/SP/61/10 - Organic Waste Treatment Facilities Phase 1

| | |
|--|--|
| | Operation of the wastewater treatment plant will be resumed upon notification to the Independent Consultant and the Engineer Representative. |
|--|--|

Prepared by: Leah Pak, ET representative

Date 28-September-2016

Appendix A

Project Layout



shows the Waste Water Treatment Facility and DSD Nullah



Appendix B

WPCO Effluent Discharge License

本署檔號
Our Ref.: (11) in EP/RW/0000372289
來函檔號
Your Ref.:
電話
Tel. No.: 2417 6064
電子郵件
E-mail:
圖文傳真
Fax. No.: 2411 3073
網址
Homepage: <http://www.epd.gov.hk/>

Environmental Protection Department
Environmental Compliance Division
Regional Office (West)
8/F, Tsuen Wan Government Offices,
38 Sai Lau Kok Road,
Tsuen Wan, New Territories



環境保護署
環保法規管理科
區域辦事處(西)
新界荃灣西樓角路38號
荃灣政府合署8樓

BY REGISTERED POST

OSCAR Bioenergy Joint Venture
2801 Island Place Tower,
510 King's Road,
North Point, Hong Kong

21 MAY 2015

Dear Sir / Madam,

Water Pollution Control Ordinance (WPCO)
Western Buffer Water Control Zone
Issue of Licence

I refer to your application for a licence made under section 19 of the Ordinance for the discharge/deposit from your premises as stated in the licence. Further to your payment of the licence application fee on 14.05.2015, a licence pursuant to Section 20 is enclosed. Your attention is drawn to the details, terms and conditions subject to which the licence is granted. You should note in particular, the stipulated sampling, treatment and disposal requirements and should also read the notes at the back of the licence.

Please note that the granting of this licence to you does not imply that the discharge from your premises is in compliance with the required standards as stipulated in the licence. It is your responsibility to ensure that the terms and conditions of the licence are complied with.

You are reminded that it is an offence to contravene any of the provisions specified in the licence. The offender is liable to a fine of \$200,000 and to imprisonment for 6 months.

If you are aggrieved by any of the terms and conditions of the licence, you may appeal to the Appeal Board by lodging a notice of appeal under Section 29 in the prescribed manner and form within 21 days after receipt of this licence.

Should you have any enquiry, please feel free to contact Mr. Y.H. LAW at 2417 6086.

Yours faithfully,

(LAM Ka-ho)

for Director of Environmental Protection

Encl.: Discharge Licence

本署檔號
Our Ref.: (11) in EP/RW/0000372289
來函檔號
Your Ref.:
電話
Tel. No.: 2417 6064
電子郵件
E-mail:

圖文傳真
Fax. No.: 2411 3073
網址
Homepage: <http://www.epd.gov.hk/>

Environmental Protection Department
Environmental Compliance Division
Regional Office (West)
8/F, Tsuen Wan Government Offices,
38 Sai Lau Kok Road,
Tsuen Wan, New Territories



環境保護署
環保法規管理科
區域辦事處(西)
新界荃灣西樓角路38號
荃灣政府合署8樓

掛號郵件

OSCAR Bioenergy Joint Venture
香港北角英皇道 510 號
港運大廈 2801 室

先生 / 女士：

水污染管制條例 西部緩衝區水質管制區 發出排污牌照事宜

就閣下根據上稱條例第19條及牌照上所述地址所排放污水或沉積物而向本署遞交的牌照申請，本署於二零一五年五月十四日收到有關的牌照申請費用。現寄上根據本條例第20條而簽發的牌照。敬請留意發牌的細則、條件及規定，尤須注意有關取樣、處理及排放等事宜之規定。另請細讀牌照背頁的附註。

獲簽發此牌照並非表示排出的污水或污染物質已達到牌照中所規定的要求標準。閣下必須採取必要措施以確保能符合牌照中的條款。

請注意，任何人違反本牌照的任何條文，即屬犯罪，可處罰款二十萬元及監禁六個月。

假使閣下對牌照內所載條件及規定有所不滿，可於收到本牌照後21天內，按第29條的規定，以指定的方式及表格，向上訴委員會遞交上訴通知及提出上訴。

如有查詢，請致電 2417 6086 與本署的羅銳雄先生聯絡。

環境保護署署長
(林嘉豪 代行)

附件：排污牌照



Licence No. : WT00021482-2015
牌照編號 :

This Licence is Valid to : 31/05/2020
本牌照有效期至 : 二零二零年五月三十一日

ENVIRONMENTAL PROTECTION DEPARTMENT
環境保護署
WATER POLLUTION CONTROL ORDINANCE (CAP. 358)
水污染管制條例(第358章)
LICENCE PURSUANT TO SECTION 15-20/23A*
按第15-20/23A*條簽發的牌照

The Director of Environmental Protection ("the Authority") grants this licence under the Water Pollution Control Ordinance ("the Ordinance") on the terms and conditions stated below.

環境保護署署長(「監督」)按下列的條款及條件，根據水污染管制條例(「本條例」)批給此牌照。

21 MAY 2015

Date
日期

(LAM Ka-ho)
For the Authority

監督 (林嘉豪 代行)

PART A 甲部 : GENERAL TERMS 一般條款

| | |
|--|---|
| Name of Licensee ("the Licensee") 持牌人名稱(「持牌人」) | SITA Waste Services Limited, ATAL Engineering Limited and Ros-Roca, Sociedad Anonima jointly trading as OSCAR Bioenergy Joint Venture 昇達廢料處理有限公司、安樂工程有限公司及Ros-Roca, Sociedad Anonima 聯合經營的OSCAR Bioenergy Joint Venture |
| Discharge Premises ("the premises") 排放處所(「處所」) | Works Area at Portion 1 and 2 of the Construction Site of Organic Waste Treatment Facilities Phase 1 at Sham Fung Road, Siu Ho Wan, Lantau Island, Hong Kong (Contract No.: EP/SP/61/10) 香港大嶼山小蠔灣深豐路有機資源回收中心第1期的建築地盤工作區的第1和第2部分(合約編號: EP/SP/61/10) |
| Water Control Zone 水質管制區 | North Western 西北部 |
| Discharge Category 排放種類 | Discharge of Industrial /-Commercial / Institutional* Trade Effluent 工業/商業/機構* 污水排放 |
| Nature of Discharge and Wastewater Treatment Facilities 排放性質及廢水處理設施 | Effluent Arising from Construction Site 由建築地盤所產生的廢水 Sedimentation Tank 沉澱池 |
| Discharge Point(s) 排放點 | Communal Storm Drain 公用雨水渠 |
| Sampling Point(s) 取樣點 | Discharge Outlet of Sedimentation Tank 沉澱池的出水口 |

*Delete as appropriate
將不適用者刪去

PART B 乙部 : SPECIFIC CONDITIONS 特別條件

B1. Limitations on Discharge 排放限制

The quantity and composition of any discharge from the premises shall not exceed the limits stated in the table below^(Note a). All figures are upper limits unless otherwise indicated. All units are expressed as concentration in milligramme per litre unless otherwise stated.

任何源自處所之排放的量和成份不得超過下表所列的限度^(附註a)。除另予表明外，所有數字均為上限。除另予說明外，所有單位均以毫克/升的濃度表示。

| Determinand 測量物 | Limit 限度 |
|---|----------|
| Flow Rate (m ³ /day) 流量 (立方米 / 日) | 40 |
| pH (pH units in range) 酸鹼值(pH 單位上下限) | 6-9 |
| Suspended Solids 懸浮固體 | 30 |
| Chemical Oxygen Demand 化學需氧量 | 80 |

B2. Self-monitoring and Reporting 自行監測及報告

- The Licensee shall perform self-monitoring as and when required by the Authority.
持牌人須在監督要求時進行自行監測。
- The Licensee shall sample the discharge at the Sampling Point(s) and, at his own expense carry out analyses in accordance with the sample type and measurement frequency specified for each determinand named below:-
持牌人須在取樣點為排放抽取樣本，並依照下列指定的測量物、取樣形式及頻率，自資予以分析。

| <u>Determinand 測量物</u> | <u>Unit 單位</u> | <u>Sample Type 取樣形式</u> | <u>Frequency 頻率</u> |
|--------------------------|----------------|-------------------------|---------------------|
| Suspended Solids 懸浮固體 | mg/L 毫克/升 | Grab 隨意取集 | Quarterly 每三個月 |

Results of these monitoring shall be summarized in a report on a ~~monthly~~ / ~~bi-monthly~~ / quarterly * basis and shall be submitted to the Authority.

所有監測結果須以摘要形式，每一個月/兩個月/三個月*作出報告，並須呈交監督審閱。

*Delete as appropriate
將不適用者刪去

C 丙部 : STANDARD CONDITIONS 標準條件

1. The Discharge 排放

C1.1 The discharge shall not contain polychlorinated biphenyls (PCB), polyaromatic hydrocarbon (PAH), fumigant, pesticide or toxicant, chlorinated hydrocarbons, flammable or toxic solvents, calcium carbide; any substance likely to damage the sewer or to interfere with any of the treatment processes, or to be harmful to the health and safety of any personnel engaged in the operation or maintenance of a sewerage system; waste liable to form scum or deposits in any part of the drainage or sewerage system, or the waters of Hong Kong; waste liable to form discolouration in any parts of the waters of Hong Kong; sludge, floatable substances or solids larger than 10 mm; and sludge or solid refuse of any kind.

排放不得含有多氯聯苯、聚芳烴、薰蒸劑、殺蟲劑或毒劑、氯化烴、可燃的或有毒的溶劑、碳化鈣；會損毀污水渠結構或干擾任何處理程序的物質，或有損操作及維修排污系統人員健康及安全的任何物質；足以及在排水或排污系統，或香港水域任何範圍內形成浮渣或沉積物的廢物；足以及在香港水域任何範圍內形成變色的廢物；污泥、漂浮物質或體積超越 10 毫米的固體；及任何種類的污泥或固體垃圾。

C1.2 No discharge shall bypass the wastewater treatment facilities, the Sampling Point(s) or the Discharge Point(s) unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternative exists.

除非避免人命傷亡或嚴重財物損失或無其他可行代替辦法，排放不得繞流不經其廢水處理設施，取樣點或排放點。

C1.3 Dilution of the discharge to achieve compliance with the limits contained in this licence is prohibited.

不得將排放稀釋，以求達到本牌照內所訂的限度。

C2. Flow Measurement 量度流量

The Licensee shall determine the flow rate of the discharge by installing, operating and maintaining a continuous flow measuring device with an accuracy certified by its manufacturer to be within plus or minus 3 percent of the actual flow, and calibrating the flow measuring device regularly according to manufacturer's recommendations. If no such device is installed, the Licensee shall determine the flow rate through using calculation methods agreed by the Authority, by making reference to the amount of water used in the premises being served by mains supply and other sources, less process consumption and any other losses.

持牌人必須設置、操作及保養一個連續性流量計作為測定排放的流量率之方法，其準確程度須經製造商證實為不超逾或低於真正流量的 3%，並應根據製造商建議的方法，定期校準流量計。如沒有設置該設備，持牌人須依照監督同意的計算方法，根據處所由自來水及其他水源供應的總用水量減去工序耗水量及其他耗水量來測定流量率。

C3. Treatment 處理

C3.1 The Licensee shall provide necessary wastewater treatment facilities, and shall engage personnel with adequate qualification and experience to properly operate and maintain all wastewater treatment facilities at all times. Standby equipment shall be provided to guard against failure of major treatment equipment.

持牌人須提供必需的廢水處理設施，並須僱用有足夠資格及經驗的人士，時常妥善操作及保養所有廢水處理設施。主要處理設施須配有後備裝置，以應付故障發生。

C3.2 In the event of loss of efficiency of operation, or failure of all or part of the wastewater treatment facility, the Licensee shall take all reasonable steps to the extent necessary to maintain compliance with this licence. Such steps shall remain until operation of the wastewater treatment facility is restored or an alternative method of treatment is provided.

倘若部份或整個廢水處理設施操作失靈或發生故障，持牌人須採取所有必要的合理措施，以求達到符合本牌照的規定。此等措施須維持至廢水處理設施恢復如常操作或有其他代替的處理方法可供採用為止。

C3.3 If the wastewater treatment facilities are not properly operated and maintained to the satisfaction of the Authority, the Licensee shall take immediate and effective remedial actions as required by the Authority.

倘若廢水處理設施的操作及保養未能令監督滿意，持牌人須按監督之規定，採取即時及有效的補救行動。

C4. Disposal 棄置

Sludges, screenings, solids, oil and grease, filter backwash, or other pollutants removed in the course of treatment shall be disposed of in a proper manner^(Note b & c).

處理過程中所產生的污泥、隔濾物、固體、油脂、過濾器回洗或其他污染物，必須妥善地棄置^(附註 b 及 c)。

C5. Monitoring 監測

- C5.1 The Licensee shall provide and maintain suitable facility such as an inspection chamber, manhole sampling valve at each Sampling Point to enable duly authorized officer(s) of the Authority to take samples of the discharge at any time from the premises.
持牌人須在每一個取樣點提供及保養適當的設施，例如檢查槽，沙井或取樣閥，以確保獲監督授權的人員隨時可在處所內抽取排放樣本。
- C5.2 For self-monitoring, “grab samples” shall be taken during the period when the determinand to be analyzed for is likely to be present in its maximum concentration. “Composite samples” shall include samples taken over daily duration of the discharge.
在自行監測中，「隨意取集樣本」須在測量物的濃度很可能是最高的那段時間內抽取。「綜合樣本」須包含在每日排放期間不同時候所抽取的樣本。
- C5.3 For self-monitoring, all samples shall be analyzed in accordance with the most updated analytical methods used by the Government Chemist ^(Note d).
在自行監測中，所有樣本均須按照政府化驗師所採用的最新分析方法予以分析^(附註 d)。

C6. Records and Reporting 紀錄及報告

- C6.1 The Licensee shall keep the following records in the premises for inspection by duly authorized officer(s) of the Authority:
持牌人須在處所內保存下列紀錄，以備獲監督授權的人員隨時查閱：
- (i) records of flow rate, nature and composition of the discharge;
排放流量率、性質及成份的紀錄；
 - (ii) updated records of all monitoring information, including all laboratory analytical results relating to samples taken, all original chart recordings for continuous flow and pH monitoring; and
所有最新監測資料的紀錄，包括所有關於已取樣本的檢驗分析結果、所有連續性流量及酸鹼值監測記錄圖表的正本；及
 - (iii) records of all desludging and degreasing operation, and records of corresponding disposal operation.
所有清除污泥和清理隔油池廢物工序的紀錄，及其棄置工序的紀錄。

Copies of all such records shall be submitted to the Authority upon request.

在監督要求時，須向監督呈交所有該等紀錄的副本。

- C6.2 The Licensee shall notify and explain to the Authority within 24 hours upon the occurrence of an accidental discharge or any emergency bypass or an overflow of untreated effluent or an operation upset which places the discharge in a temporary state of non-compliance with this licence. The Licensee shall within 7 days following the incident, submit to the Authority a detailed report in writing on the cause and duration of the non-compliance and steps taken or to be taken to reduce, eliminate, or prevent recurrence of such non-compliance. Reporting in accordance with this Condition does not relieve the Licensee of any obligations imposed by this licence.

倘若有未經處理的污水意外排放、緊急繞流或溢滿的事件或操作失靈，引至排放出現短暫不符合牌照規定的情況，持牌人須在事發後 24 小時內立即知會監督並予以解釋。持牌人須在事故發生後 7 天內，以書面報告，詳述事件的起因、違反牌照條件的時間及為減少、消除或防止類似事件再次發生所採取或將會採取的措施，送交監督審閱。然而，按照本條件的規定提交報告並不表示持牌人可獲免除承擔本牌照內所載的任何責任。

C7. Operation Manual 操作手冊

The Licensee shall prepare an operation manual which shall include, as a minimum, operating procedures, inspection programme and repair and maintenance programme for the wastewater treatment facilities. The operation manual shall be kept at the aforesaid wastewater treatment facilities and a copy of the manual shall be submitted to the Authority upon request.

持牌人須擬備廢水處理設施的操作手冊。手冊內容須最低限度包括操作程序、檢查、維修及保養工作計劃表。該手冊須保存在上述廢水處理設施內。持牌人須在監督要求時，呈交手冊副本乙份。

C8. Notification of Change 更改通知

The Licensee shall notify the Authority in writing within 14 days of any changes or proposed changes in the processes of manufacture or the nature of the raw materials used or of any other circumstances which may alter the nature and composition of the discharge or may result in the permanent cessation of the discharge.

倘若持牌人更改或擬更改其生產程序、或所用原料的性質、或有其他足以改變其排放的性質及成份或可導致永久性終止排放的事情，必須在 14 日內以書面通知監督。

- (a) For the purposes of determining compliance with the limits stated in Specific Condition B1, samples shall be taken by the duly authorized officer(s) of the Authority at the Sampling Point(s) or any other points from which the samples so taken are regarded by the Authority as being representative of the quality of the discharge. When any single sample analyzed for a determinand is proved not complying with corresponding limit set out in the table, the discharge is deemed to have failed to comply with Specific Condition B1.
為確定排放是否符合特別條件第 B1 項內所列的限度，獲監督授權的人員須在取樣點或在監督認為可以抽取到具代表性的樣本的任何其他位置抽取樣本。只要在任何一個經分析的樣本中，證實任何一個測量物不符合表中所列的相應限度時，排放即被視為不符合特別條件第 B1 項。
- (b) An example of proper disposal method for sludge is sending dewatered sludge to landfill for disposal.
妥善棄置污泥方法中的一個例子是將脫水後的污泥運往堆填區棄置。
- (c) Proper disposal of grease trap waste includes but is not limited to employing any reputable firm or collector who will use the right equipment and dispose of the collected grease trap waste at West Kowloon Transfer Station. The updated list of grease trap waste collectors who are using the disposal service at West Kowloon Transfer Station is maintained in the EPD website and Green Restaurant website.
妥善的隔油池廢物棄置方法包括卻不限於聘用任何信譽良好的公司／收集商使用適當的設備在西九龍廢物轉運站棄置所收集的隔油池廢物。環保署網站及環保食肆網均載有目前使用西九龍廢物轉運站棄置隔油池廢物的收集商最新名單。
- (d) The Licensee may make reference to Annex 1 of the <Technical Memorandum on Effluent Standards> for analytical methods used by the Government Chemist.
持牌人可參照「流出物標準技術備忘錄」附件 1 有關政府化驗師所採用的分析方法。
- (e) The Licensee shall keep this licence in the premises and make it available at all times for inspection by duly authorized officer(s) of the Authority.
持牌人須在處所內保存此牌照，以備獲監督授權的人員隨時查閱。
- (f) (i) The Licensee shall allow duly authorized officer(s) of the Authority to enter the premises for the purposes of inspection, sampling, records examination or any other duties authorized by Section 37 and Section 38 of the Ordinance.
持牌人須准許獲監督授權的人員進入處所內進行檢查、抽取樣本、審查紀錄或執行其他根據本條例第 37 及第 38 條所授權的職務。
(ii) Where the premises has security measures in force which would require proper identification and clearance before entry, the Licensee shall make necessary arrangements such that upon presentation of evidence of identity and of authorization, duly authorized officer(s) will be permitted to enter, without delay, for the purposes of performing duties.
倘若由於處所的保安理由而需先行鑑定來人的身份，持牌人必須作出必要的安排，以便獲授權人員在出示身份證明及授權文件後，即可內進執行其職務而不致受延誤。
- (g) (i) For a licence granted under Section 15 of the Ordinance, the Licensee may, not less than 2 months before expiry of the licence, apply under Section 19 of the Ordinance for a new licence. The Authority may grant the licence or otherwise.
持有根據本條例第 15 條所批給牌照的人士，可於牌照屆滿前不少於 2 個月內，根據本條例第 19 條的規定，申請一面新牌照。監督可批給或拒絕批給牌照。
(ii) For a licence granted under Section 20 or 23A of the Ordinance, the Licensee may, not more than 4 months and not less than 2 months before expiry of the licence, apply under Section 23 or 23A respectively of the Ordinance for renewal of licence. The Authority may renew the licence or otherwise.
持有根據本條例第 20 條或第 23 A 條所批給牌照的人士，可於牌照屆滿前不多於 4 個月及不少於 2 個月內，根據本條例的第 23 或 23 A 條的規定，申請牌照續期。監督可將牌照續期或拒絕將牌照續期。
- (h) Under Section 24 of the Ordinance, the Authority may by notice in writing, impose new or amended terms and conditions on this licence or cancel this licence. Under Section 25, 26 and 27 of the Ordinance, a Licensee whose licence has been so varied or cancelled may be entitled to compensation.
根據本條例第 24 條的規定，監督可以書面通知，向本牌照施加新訂或經修訂的條款及條件，或取消本牌照。根據本條例第 25、26 及 27 條的規定，被更改或取消牌照的持牌人可能會獲得補償。
- (i) Under Section 28 of the Ordinance, the Licensee may apply to the Authority for a variation of this licence.
根據本條例第 28 條的規定，持牌人可向監督申請更改本牌照。
- (j) Under Section 49 of the Ordinance, this licence shall not be construed as a dispensation from the requirements of any other Ordinance except where that other Ordinance so provides.
根據本條例第 49 條的規定，本牌照並不得解釋為豁免符合任何其他條例的規定，除非該其他條例如此訂定。

Appendix C

Cleaning Procedure of Treatment Tank

Cleaning Procedure Treatment Tank 清洗環保缸的程序

update: 18 Jul., 16

| | |
|------|---|
| 1. | <p>The Treatment Tank will be cleaned thoroughly every three months or when the turbidity of the discharge is not satisfactory.</p> <p>該處理設施會定期每三個月，或排水過於污濁時進行清洗。</p> |
| 2. | <p>Close all the inlet and outlet valves of the Treatment Tank.</p> <p>關閉接駁水缸出入水口。</p> |
| 3. | <p>Employ a sewer sucking truck to remove all the residue sludge and water in the tank.</p> <p>吸漿車放吸喉，開動水泵，進行吸漿。</p> |
| 4. | <p>The sewer sucking truck will dispose the contents of the tank to TKO137 Fill Bank in accordance with the waste disposal regulations.</p> <p>完成後，該吸漿車會前往將軍澳 137 公眾填料區傾倒。</p> |
| 5. | <p>After the cleaning of the Tank, the first batch of treated waste water will be directed to the sedimentation tank for more than 10mins. (depends on site conditions)</p> <p>如洗缸後地盤需要排水，排水需經軟喉引流回沉澱缸，排放約 10 分鐘(根據實際情況而定)。</p> |
| 6. | <p>The remaining treated waste water will either be discharged at the discharging point as stated in the “Discharging License”, or return to the sedimentation tank.</p> <p>處理經過的水缸水，可引流回沉澱缸，或排放出地盤。</p> |
| 7. | <p>Record the time taken for discharging operation and estimate the quantity of discharge.</p> <p>紀錄排水量、時間。</p> |
| 8. | <p>Repeat item 1.</p> <p>重覆項目 1。</p> |
| Note | <p>In case of inclement weather whereas the size of catchment, treatment and storage cannot handle the runoff, the overflows will be collected and circulate to the treatment tank with appropriate piping system.</p> <p>如遇大雨/過量存水，過量的水會經軟喉引導回啡缸，循環來回。</p> |

Appendix D

Sand Bag Photo



March 2016



August 2016



September 2016

Appendix E

Water Sample Laboratory Report



CERTIFICATE OF ANALYSIS

| | | | | | |
|--------------|---|--------------|--|-------------------------|---------------|
| Client | : ATKINS CHINA LTD | Laboratory | : ALS Technichem (HK) Pty Ltd | Page | : 1 of 2 |
| Contact | : MS EVA KEUNG | Contact | : Fung Lim Chee, Richard | Work Order | : HK1634365 |
| Address | : 13/F, WHARF T&T CENTRE, HARBOUR CITY, TSIM SHA TSUI, KOWLOON HONG KONG | Address | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| E-mail | : eva.keung@atkinsglobal.com | E-mail | : Richard.Fung@alsglobal.com | | |
| Telephone | : +852 2972 1553 | Telephone | : +852 2610 1044 | | |
| Facsimile | : +852 2890 6343 | Facsimile | : +852 2610 2021 | | |
| Project | : ORGANIC WASTE TREATMENT FACILITIES PHASE 1 | Quote number | : ---- | Date Samples Received | : 25-AUG-2016 |
| Order number | : ---- | | | Issue Date | : 05-SEP-2016 |
| C-O-C number | : ---- | | | No. of samples received | : 1 |
| Site | : ---- | | | No. of samples analysed | : 1 |

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 25-AUG-2016 to 02-SEP-2016.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order: HK1634365

Sample(s) were received in ambient condition.
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from the testing laboratory.

This document has been signed by those names that appear on this report and are the authorised signatories.

| | | |
|------------------------|-----------------|------------------------|
| Signatories | Position | Authorised results for |
| Fung Lim Chee, Richard | General Manager | Inorganics |



Analytical Results

Sub-Matrix: WATER

| Compound | CAS Number | LOR | Client sample ID | |
|---|------------|-----|-----------------------------|------|
| | | | Client sampling date / time | Unit |
| EA/ED: Physical and Aggregate Properties | | | | |
| EA002: pH Value | ---- | 0.1 | pH Unit | 9.0 |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | 37 |
| EP: Aggregate Organics | | | | |
| EP026C: Chemical Oxygen Demand | ---- | 5 | mg/L | 7 |

SAMPLE 1
 [25-AUG-2016]
 HK1634365-001



CERTIFICATE OF ANALYSIS

| | | | | | |
|--------------|---|--------------|--|-------------------------|---------------|
| Client | : ATKINS CHINA LTD | Laboratory | : ALS Technichem (HK) Pty Ltd | Page | : 1 of 2 |
| Contact | : MS EVA KEUNG | Contact | : Fung Lim Chee, Richard | Work Order | : HK1636761 |
| Address | : 13/F, WHARF T&T CENTRE, HARBOUR CITY, TSIM SHA TSUI, KOWLOON HONG KONG | Address | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| E-mail | : eva.keung@atkinsglobal.com | E-mail | : Richard.Fung@alsglobal.com | | |
| Telephone | : +852 2972 1553 | Telephone | : +852 2610 1044 | | |
| Facsimile | : +852 2890 6343 | Facsimile | : +852 2610 2021 | | |
| Project | : ORGANIC WASTE TREATMENT FACILITIES PHASE 1 | Quote number | : ---- | Date Samples Received | : 09-SEP-2016 |
| Order number | : ---- | | | Issue Date | : 20-SEP-2016 |
| C-O-C number | : ---- | | | No. of samples received | : 1 |
| Site | : ---- | | | No. of samples analysed | : 1 |

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is: 09-SEP-2016 to 19-SEP-2016.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order: HK1636761

Sample(s) were received in ambient condition.
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from the testing laboratory.

This document has been signed by those names that appear on this report and are the authorised signatories.

| | | |
|------------------------|-----------------|------------------------|
| Signatories | Position | Authorised results for |
| Fung Lim Chee, Richard | General Manager | Inorganics |



Analytical Results

Sub-Matrix: WATER

| Compound | CAS Number | Client sample ID | | |
|---|------------|------------------|-----------------------------|---------|
| | | LOR | Client sampling date / time | Unit |
| EA/ED: Physical and Aggregate Properties | | | | |
| EA002: pH Value | ---- | 0.1 | | pH Unit |
| EA025: Suspended Solids (SS) | ---- | 2 | | mg/L |
| EP: Aggregate Organics | | | | |
| EP026C: Chemical Oxygen Demand | ---- | 5 | | mg/L |

SAMPLE 1
 [09-SEP-2016]
 HK1636761-001

Appendix F

Training Record

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|--|---|---|-------------------------|-----------------------|------------------|-----------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | 08:45am-09:00am | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Au Chi Ming | 歐志明 | HRMK0110910 | 23/2/2019 | OSCAR | 吊機机手 | * | * |
| 2 | Ma Kin Kong | 馬健剛 | HRJD0103562R | 9/9/2016 | OSCAR | 管工 | * | * |
| 3 | Chan Chi Yan | 陳智仁 | HRJD0191846R | 20/10/2018 | OSCAR | 焊工 | * | * |
| 4 | Fung Yuet Keung | 馮越強 | HRYL0092302R | 22/1/2017 | OSCAR | 焊工 | * | * |
| 5 | Tam Kai Tong | 譚啓棠 | SCW01109083R | 17/2/2017 | OSCAR | 工人 | * | * |
| 6 | Chow Kam-Sui | 周金水 | GC-245994R | 12/12/2016 | OSCAR | 工人 | * | * |
| 7 | Chu Chun Fat | 朱振發 | HRMK0115297 | 18/4/2019 | OSCAR | 工人 | * | * |
| 8 | Cheng Ngai Wang | 鄭毅弘 | GC-355630R | 17/11/2017 | OSCAR | 管工 | * | * |
| 9 | Zhou Qingsheng | 周慶生 | HRJD0194348R | 4/11/2018 | OSCAR | 工人 | * | * |
| 10 | Li Kwok Ning (Vicky) | 李國寧 | HRJD0159520 | 11/3/2018 | OSCAR | 工人 | * | * |

榮興

3

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|--|---|--|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | 08:45am-09:00am | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Wong So Chai | 黃蘇仔 | GC-247005R | 21/7/2017 | OSCAR | 工人 | * | * |
| 2 | Cheung Hoi Lun | 張海輪 | HRYL0140773R | 8/7/2018 | OSCAR | 金棚大王 | * | * |
| 3 | Chow Shu Hei | 周樹喜 | HRJD0131456R | 31/8/2017 | OSCAR | 工人 | * | * |
| 4 | Leung Tsz Lung | 梁子龍 | SCW99155392R | 6/11/2018 | OSCAR | 工人 | * | * |
| 5 | Lee Wah Yi | 李華兒 | HRYL0154977R | 17/12/2018 | OSCAR | 工人 | * | * |
| 6 | Chui Ka Wai | 徐家偉 | HRYL0102934R | 10/5/2017 | OSCAR | 工人 | * | * |
| 7 | So Sam Tai | 蘇三弟 | SCW03176784R | 28/2/2019 | OSCAR | 工人 | * | * |
| 8 | Chow Kau | 周九 | HRYL0112539R | 22/8/2017 | OSCAR | 工人 | * | * |
| 9 | Chow Tai Hei | 周帶喜 | HRJD0117132R | 31/3/2017 | OSCAR | 工人 | * | * |
| 10 | Chow Kam Wah | 周錦華 | HRYL0096515R | 8/6/2017 | OSCAR | 工人 | * | * |

榮興

(4)

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk- / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | | | | | | | |
| Safety Toolbox Talk topic: | ----- Environmental Toolbox Talk Topic: 污水處理 | | | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | SO TAI KAN | 蘇大根 | HRKT0024688R | 27/04/2017 | 宏宗(保成) | 普通工人 | * | * |
| 2 | TSOI WAI NAM | 蔡偉南 | HRYL0039957R | 26/04/2017 | 宏宗(保成) | 電氣裝配工 | * | * |
| 3 | LAM SHEIR MING | 林社明 | HRTW0012214 | 27/08/2016 | 宏宗(保成) | 普通工人 | * | * |
| 4 | YIP HING TIN | 葉慶典 | HRYL0116694R | 10/10/2017 | 宏宗(保成) | 普通工人 | * | * |
| 5 | LI YEN TUN | 李炎敦 | SC130126Y0123 | 25/01/2016 | 宏宗(保成) | 普通工人 | * | * |
| 6 | Lin Yuliu | 林玉流 | HRTW0056965 | 10/4/2017 | 宏宗(保成) | 普通工人 | * | * |
| 7 | HOI-SZE-MING | 蔡思明 | HRYL0138411R | 14/06/2018 | 宏宗(保成) | 普通工人 | * | * |
| 8 | CHAN MUK TUNG | 陳木東 | HRTW0062224R | 12/08/2017 | 宏宗(保成) | 操作工(挖掘機) | * | * |
| 9 | Tsang Kam Fai | 曾錦輝 | HRMK0033273R | 12/08/2018 | 宏宗(保成) | 操作工(挖掘機) | * | * |
| 10 | TSUI SHEUNG KEUNG | 徐常強 | HRJD0051106R | 24/03/2015 | 宏宗(保成) | 普通工人 | * | * |

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|-----------------------|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | | Time (Safety): | | | | | | |
| Safety Toolbox Talk topic: | | Time (Environmental): | | | | | | |
| Training Tutor (Safety): | | Environmental Toolbox Talk Topic: | | | | | | |
| Training Tutor (Environmental): | | Training Tutor Signature (Safety): | | | | | | |
| | | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | XU YANGZHI | 徐楊志 | HRJD0077520R | 11/12/2015 | 宏宗(保成) | 普通工人 | * | * |
| 2 | Chow Chun Tim | 周根添 | HRJD0103445R | 15/01/2017 | 宏宗(保成) | 普通工人 | * | * |
| 3 | Lam Pui-Chung | 劉沛松 | HRJD0131364R | 8/7/2017 | 宏宗(保成) | 普通工人 | * | * |
| 4 | Mak Chun Shu | 麥振樞 | HRJD0132721R | 15/07/2017 | 宏宗(保成) | 普通工人 | * | * |
| 5 | Lam Shui-Po | 林水波 | HRTW0071829R | 26/02/2018 | 宏宗(保成) | 普通工人 | * | * |
| 6 | Wong Ping | 王平 | HRJD0161127R | 12/4/2018 | 宏宗(保成) | 挖掘操作工 | * | * |
| 7 | Chan Wai Kwong | 陳偉光 | HRJD0161128R | 27/04/2018 | 宏宗(保成) | 普通工人 | * | * |
| 8 | KAM KIT CHOI | 甘傑財 | HRJD0054842R | 21/04/2017 | 宏宗(保成) | 普通工人 | * | * |
| 9 | LAW KA LAU | 羅家流 | HRJD0158955R | 27/04/2018 | 宏宗(保成) | 普通工人 | * | * |
| 10 | TSANG KWONG YUEN | 曾廣淵 | HRKT0032087 | 22/08/2015 | 宏宗(保成) | 普通工人 | * | * |

東方

6



OSCAR Bioenergy Joint Venture

Contract No EP/SP/61/10
Organic Waste Treatment Facilities Phase 1

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | 08:45am-09:00am | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Wong Po Cheung | 黃保祥 | HRTW0044737R | 7/7/2016 | 宏宗(保成) | 普通工人 | * | * |
| 2 | QIU CHUNYI | 邱春意 | HRKT0084282 | 05/05/2018 | 宏宗(保成) | 普通工人 | * | * |
| 3 | Liu Meide | 林美得 | HRTW0035934 | 3/8/2016 | 宏宗(保成) | 雜工 | * | * |
| 4 | Yeung Hiu Shing | 楊曉成 | GC-072244R | 5/9/2017 | 宏宗(保成) | 石矢 | * | * |
| 5 | Cheng Yue | 鄭裕 | HRYL0114838R | 17/9/2017 | 宏宗(保成) | 石矢 | * | * |
| 6 | Ng Tam | 吳淡 | HRYL0117490R | 1/11/2017 | 宏宗(保成) | 石矢 | * | * |
| 7 | Lam Leung Tseng | 林良層 | HRKT0082275R | 1/6/2018 | 宏宗(保成) | 石矢 | * | * |
| 8 | Chung Shun | 鍾舜 | HRKT0068796R | 27/9/2017 | 宏宗(保成) | 石矢 | * | * |
| 9 | Weng Daqiang | 翁達強 | HRTW0039897 | 28/3/2016 | 宏宗(保成) | 石矢 | * | * |
| 10 | Wong Hau Kwan | 黃孝坤 | HRJD0108287R | 30/11/2016 | 宏宗(保成) | 石矢 | * | * |

東方

2

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | | | | |
|---------------------------------|----------------------------|---|--------------------------|----------------------|-------------------|-----------------|---------------------------|----------------------------------|--|---------------------------------------|--|
| Date: | | 7/9/2016 | | Time (Safety): | | | | | | Time (Environmental): 08:45am-09:00am | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | | | | |
| Training Tutor (Safety): | | Training Tutor Signature (Safety): | | | | | | | | | |
| Training Tutor (Environmental): | | Training Tutor Signature (Environmental): | | | | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) | | | |
| 1 | Ip Shiu Po | 葉水波 | HRTW0040208R | 30/6/2016 | 宏宗(保成) | 石矢 | * | * | | | |
| 2 | Chan To Lim | 陳道帝 | HRJD01920131R | 9/11/2018 | 宏宗(保成) | 普通工人 | * | * | | | |
| 3 | Cheng David | 鄭旭澤 | HRJD0169754R | 17/5/2018 | 宏宗(保成) | 機手 | * | * | | | |
| 4 | Cheung Sau-Chiu | 張壽照 | HRJD0084144R | 24/3/2016 | 宏宗(保成) | 機手 | * | * | | | |
| 5 | Leung Wah Kam | 梁華錦 | C13238R | 22/5/2017 | 宏宗(保成) | 扎鐵 | * | * | | | |
| 6 | Tse Ping Kwan | 謝炳坤 | HRJD0145523R | 1/12/2017 | 宏宗(保成) | 工人 | * | * | | | |
| 7 | Huang Qingfeng | 黃慶丰 | HRJD0198365R | 5/12/2018 | 宏宗(保成) | 工人 | * | * | | | |
| 8 | Man Ah Nung | 文亞儂 | HRKT0056007R | 14/1/2017 | 宏宗(保成) | 工人 | * | * | | | |
| 9 | Liu Shenglu | 劉盛爐 | CA201302081 | 5/7/2016 | 宏宗(保成) | 工人 | * | * | | | |
| 10 | Wong Chiu Hoi | 黃昭凱 | HRKT0107893 | 28/4/2019 | 宏宗(保成) | 工人 | * | * | | | |

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | | ----- | | | | |
| Safety Toolbox Talk topic: | ----- | Time (Environmental): | | 08:45am-09:00am | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Environmental Toolbox Talk Topic: | | 污水處理 | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Safety): | | ----- | | | | |
| | | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Liu Kerong | 劉克榮 | HRTW0083378R | 13/8/2018 | 宏宗(保成) | 工人 | * | * |
| 2 | Van A Yang | 溫亞養 | HRJD0131932R | 10/7/2017 | 宏宗(保成) | 工人 | * | * |
| 3 | So Shing Fai | 蘇盛輝 | HRJD0146459R | 16/12/2017 | 宏宗(保成) | 扎鐵 | * | * |
| 4 | Liu Fenceng | 劉芬層 | GC-081793R | 25/12/2018 | 宏宗(保成) | 釘板 | * | * |
| 5 | Luo Jihan | 羅繼寒 | HRMK0053921 | 29/8/2016 | 宏宗(保成) | 釘板 | * | * |
| 6 | Cheung Chi Fai | 張志輝 | HRJD0188231R | 22/9/2018 | 宏宗(保成) | 工人 | * | * |
| 7 | Li Weitian | 李偉田 | HRJD0142482R | 13/10/2017 | 宏宗(保成) | 工人 | * | * |
| 8 | Ngai Chuen | 魏泉 | HRKT0109476R | 19/5/2019 | 宏宗(保成) | 工人 | * | * |
| 9 | Ho Yip Fu | 何業富 | HRTW0089110R | 2/11/2018 | 宏宗(保成) | 工人 | * | * |
| 10 | Kwan Yun Po | 關潤波 | HRYL0146015R | 8/10/2017 | 宏宗(保成) | 工人 | * | * |

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|--|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | 08:45am-09:00am | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Kwan Yui Ming | 關銳明 | HRYL0113338R | 31/8/2017 | 宏宗(保成) | 工人 | * | * MA |
| 2 | Lee Chak Hung | 李澤雄 | HRJD0205725R | 17/2/2019 | 宏宗(保成) | 工人 | * | * 李 |
| 3 | Li-Kang | 李慷 | HRTW0082320R | 16/7/2018 | 宏宗(保成) | 工人 | * | * |
| 4 | | | | | 宏宗(保成) | | * | * |
| 5 | | | | | 宏宗(保成) | | * | * |
| 6 | | | | | 宏宗(保成) | | * | * |
| 7 | | | | | 宏宗(保成) | | * | * |
| 8 | | | | | 宏宗(保成) | | * | * |
| 9 | | | | | 宏宗(保成) | | * | * |
| 10 | | | | | 宏宗(保成) | | * | * |

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|-----------------------|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | | 7/9/2016 | | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | |
| Training Tutor (Safety): | | Michael So / Eric Loh / Edward Leung / Samuel Lee | | | | | | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | TSUI SHEUNG KEUNG | 徐常強 | HRJD0051106R | 24/03/2017 | 宏宗(保成) | 木工 | * | * |
| 2 | XU YANGZHI | 徐楊志 | HRJD0077520R | 11/12/2015 | 宏宗(保成) | 木工 | * | * |
| 3 | Chow Chun Tim | 周振添 | HRJD0103445R | 15/04/2017 | 宏宗(保成) | 木工 | * | * |
| 4 | Lam Pui-Ghung | 劉沛松 | HRJD0131364R | 8/7/2017 | 宏宗(保成) | 木工 | * | * |
| 5 | Mak Chun Shu | 麥振樞 | HRJD0132721R | 15/07/2017 | 宏宗(保成) | 木工 | * | * |
| 6 | Lam Shui Po | 林水波 | HRTW0071829R | 26/02/2018 | 宏宗(保成) | 木工 | * | * |
| 7 | Ng Chi Hung | 吳智雄 | HRMK0067762R | 25/04/2017 | 宏宗(保成) | 木工 | * | * |
| 8 | Choy Hung Fai | 蔡雄輝 | HRJD0154078R | 13/02/2018 | 宏宗(保成) | 木工 | * | * |
| 9 | FAN KAM SING | 范錦星 | SCW03129894 | | 宏宗(保成) | 木工 | * | * |
| 10 | | 盧樂 | | | 宏宗(保成) | 木工 | * | * |

東方(木工)

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk/ Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---|-----------------------|--|---------------------|------------------------------------|---------------|-----------------|---------------------------|----------------------------------|
| Date: | | 7/9/2016 | | Time (Safety): | | ----- | | |
| Safety Toolbox Talk topic: | | ----- | | Time (Environmental): | | 08:45am-09:00am | | |
| Training Tutor (Safety): | | Michael So / Eric Loh / Edward Leung / Samuel Lee | | Environmental Toolbox Talk Topic: | | 污水處理 | | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | Training Tutor Signature (Safety): | | ----- | | |
| Training Tutor Signature (Environmental): | | | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | LO HING CHUEN | 盧慶泉 | HRYL0112785R | 09/09/2017 | 宏宗(保成) | 木工 | * | * |
| 2 | Tsoi, Kin Lam | 蔡建林 | SCW03162824 | 18/11/01 | 宏宗(保成) | 木工 | * | * |
| 3 | Fan Kam Sing | 范錦星 | SCW03129894R | 04/05/2018 | 宏宗(保成) | 釘板 | * | * |
| 4 | Wong Tang Sun | 黃騰新 | HRJD0182138R | 22/08/2018 | 宏宗(保成) | 釘板 | * | * |
| 5 | Law Kai Yin | 羅啟賢 | SCW03169376 | 23/07/2018 | 宏宗(保成) | 木工 | * | * |
| 6 | So Yiu | 蘇堯 | HRTW0068671R | 23/11/2017 | 宏宗(保成) | 工人 | * | * |
| 7 | See Yiu Tong | 施耀堂 | HRKT0085834R | 26/5/2018 | 宏宗(保成) | 釘板 | * | * |
| 8 | Yan Hon Kan | 殷漢根 | HRMK0062692R | 6/3/2017 | 宏宗(保成) | 工人 | * | * |
| 9 | Lui Man Muk | 呂文木 | GC-072770R | 27/9/2017 | 宏宗(保成) | 釘板 | * | * |
| 10 | Ng Kong Lun | 吳江舜 | HRJD0167132R | 10/6/2018 | 宏宗(保成) | 釘板 | * | * |

東方(木工)

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | | |
|--|-----------------------|---|---------------------|-------------------|---------------|-----------------------|---------------------------|----------------------------------|--|
| Date: | | 7/9/2016 | | Time (Safety): | | Time (Environmental): | | 08:45am-09:00am | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | | |
| Training Tutor (Safety): | | Training Tutor Signature (Safety): | | | | | | | |
| Training Tutor (Environmental): | | Training Tutor Signature (Environmental): | | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) | |
| 1 | Siu Sit Ming | 蕭變明 | HRJD0178328R | 15/7/2018 | 宏宗(保成) | 釘板 | * | * | |
| 2 | Woo Tsang Wing | 胡崢榮 | HRJD0196294R | 15/12/2018 | 宏宗(保成) | 釘板 | * | * | |
| 3 | Woo Wai Wan | 胡偉環 | HRTW0068960R | 26/11/2017 | 宏宗(保成) | 工人 | * | * | |
| 4 | | | | | | | * | * | |
| 5 | | | | | | | * | * | |
| 6 | | | | | | | * | * | |
| 7 | | | | | | | * | * | |
| 8 | | | | | | | * | * | |
| 9 | | | | | | | * | * | |
| 10 | | | | | | | * | * | |

東方(木工)

3

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | | |
|--|-----------------------|---|---------------------|--|---------------|-----------------|---------------------------|----------------------------------|--|
| Date: | | 7/9/2016 | | Time (Safety): | | ----- | | ----- | |
| Safety Toolbox Talk topic: | | ----- | | Time (Environmental): | | 08:45am-09:00am | | 污水處理 | |
| Training Tutor (Safety): | | Michael So / Eric Loh / Edward Leung / Samuel Lee | | Training Tutor Signature (Safety): | | ----- | | ----- | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | Training Tutor Signature (Environmental): | | ----- | | ----- | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) | |
| 1 | Yeung Hong Fai | 楊康輝 | HRYL0093898R | 16/5/2017 | 宏宗(保成) | 測量 | * | * | |
| 2 | Lai Chi Kwan | 黎志坤 | HRYL0139005R | 27/6/2018 | 宏宗(保成) | 測量 | * | * | |
| 3 | Song Chenning | 宋晨寧 | HRYL0116481R | 31/10/2017 | 宏宗(保成) | 工人 | * | * | |
| 4 | Tang Yan Hong | 唐燕鴻 | SCW03155648 | 12/6/2017 | 宏宗(保成) | 測量 | * | * | |
| 5 | Cheong Ka Wai | 張家瑋 | HRYL0131855 | 23/3/2018 | 宏宗(保成) | 工人 | * | * | |
| 6 | Tsang Man Chit | 曾文捷 | SCW03145774 | 25/8/2016 | 宏宗(保成) | 測量 | * | * | |
| 7 | Chan Yuk Chiu | 陳玉朝 | HRYL0108784R | 25/8/2017 | 宏宗(保成) | 測量 | * | * | |
| 8 | Chung Ming Fai | 鍾明輝 | HRJD02052982 | 14/2/2019 | 宏宗(保成) | 工人 | * | * | |
| 9 | Lam Chun Kit | 林進杰 | HRYL00889548R | 24/11/2016 | 宏宗(保成) | 測量 | * | * | |
| 10 | Leung Ho Pan | 梁浩彬 | SCW03169493 | 29/7/2018 | 宏宗(保成) | 工人 | * | * | |

恆裕

(J)

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|-----------------------|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | | 7/9/2016 | | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | |
| Training Tutor (Safety): | | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | TAM FOR TING | 譚文婷 | GC-064349R | 29/07/2016 | 宏宗(保成) | 普通工人 | * | * |
| 2 | WONG SIU PO | 黃紹波 | HRMK0044268 | 13/03/2016 | 宏宗(保成) | 普通工人 | * | * |
| 3 | Leung Chi Fung | 梁致豐 | HRMK0049343 | 10/06/2016 | 宏宗(保成) | Foreman | * | * |
| 4 | Ngan Hon Chai | 顏漢釵 | HRTW0036149R | 22/02/2016 | 宏宗(保成) | Foreman | * | * |
| 5 | So, Wai Keung Warlian | 蘇偉強 | HRYL0098711 | 29/03/2017 | 宏宗(保成) | 天秤/机手 | * | * |
| 6 | Yip Pak Kay | 葉栢奇 | GC-079887R | 10/11/2016 | 宏宗(保成) | 吊机机手 | * | * |
| 7 | Li Yeung Pan | 李陽彬 | SCW03138954 | 4/2/2016 | 宏宗(保成) | Q.S | * | * |
| 8 | Wong Chun Hey | 黃鎮馭 | HRJH0106970 | 23/10/2016 | 宏宗(保成) | AQS | * | * |
| 9 | Li Chak Him | 李澤謙 | CE21054 | 4/3/2016 | 宏宗(保成) | Grad E | * | * |
| 10 | Wong Kwun Faut | 黃冠發 | CE400132 | 19/5/2017 | 宏宗(保成) | intern | * | * |

保成

2

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|-----------------------|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | | 7/9/2016 | | | | | | |
| Safety Toolbox Talk topic: | | ----- Environmental Toolbox Talk Topic: 污水處理 | | | | | | |
| Training Tutor (Safety): | | Michael So / Eric Loh / Edward Leung / Samuel Lee | | | | | | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Heung Chun Kit | 向俊傑 | CE400045 | 19/5/2017 | 宏宗(保成) | intern | * | * |
| 2 | Wong Siu Leung | 黃兆良 | HRKT0082765 | 13/4/2018 | 宏宗(保成) | 管工 | * | * |
| 3 | Shing Wing Yat | 盛永日 | GC-211362 | 10/1/2018 | 宏宗(保成) | 電工 | * | * |
| 4 | Ting Chun Yu | 丁俊宇 | HRYL0097300R | 14/3/2017 | 宏宗(保成) | 電工 | * | * |
| 5 | Leung Chi Hang | 梁熾恒 | HRJD0110015R | 8/12/2016 | 宏宗(保成) | SO | * | * |
| 6 | Lo, Lit Cheong | 羅烈昌 | SCW03090567R | 17/04/03 | 宏宗(保成) | 雜工 | * | * |
| 7 | Lam Hon-Man | 林漢民 | GC-077608R | 31/07/2018 | 宏宗(保成) | 雜工 | * | * |
| 8 | Yu Fung | 余峰 | GC-361996R | 18/07/10 | 宏宗(保成) | 雜工 | * | * |
| 9 | Chen Shaozhen | 陳少貞 | LTC-001360 | 19/08/2018 | 宏宗(保成) | 雜工 | * | * |
| 10 | Cai Chun Ming | 蔡春明 | HRTW0088092R | 22/11/2018 | 宏宗(保成) | 雜工 | * | * |

保成

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | 08:45am-09:00am | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Training Tutor Signature (Safety): | | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Environmental): | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Lam Kei Hei | 林琪希 | HRMK0074398 | 1/8/2017 | 宏宗(保成) | 雜工 | * | * |
| 2 | Yeung Yee Lan | 楊綺蘭 | SEITSC-002897R | 22/7/2016 | 宏宗(保成) | 清潔工人 | * | * |
| 3 | Cheng Kong Yuen | 鄭江源 | HRKT0098491 | 30/11/2018 | 宏宗(保成) | 雜工 | * | * |
| 4 | Lui Siu Wan | 呂少云 | HRJD0172691R | 28/7/2018 | 宏宗(保成) | 雜工 | * | * |
| 5 | Lin Yu Lin | 林玉流 | HRTW0056965 | 4/10/2017 | 宏宗(保成) | 雜工 | * | * |
| 6 | Cheng Wai Kwan | 鄭偉君 | HRTW0086006R | 29/9/2018 | 宏宗(保成) | 雜工 | * | * |
| 7 | Wang Nan | 王楠 | HRTW0054836 | 15/12/2016 | 宏宗(保成) | 雜工 | * | * |
| 8 | Leung Yuk Long | 梁沃朗 | HRYL0076761 | 10/6/2016 | 宏宗(保成) | Engineer | * | * |
| 9 | Wong Lai Yee | 黃麗儀 | HRTW0093821 | 30/1/2019 | 宏宗(保成) | 清潔 | * | * |
| 10 | Wong Lai Kiu | 黃麗嬌 | HRYL0108840 | 16/7/2017 | 宏宗(保成) | 雜工 | * | * |

保成

2

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | '-----' | | | | | |
| Safety Toolbox Talk topic: | '-----' | Time (Environmental): | 08:45am-09:00am | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Safety): | '-----' | | | | | |
| | | Training Tutor Signature (Environmental): | '-----' | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Li Ngai Kuen | 李毅權 | SGW03081864R | 30/7/2018 | 宏宗(保成) | 管工 | * | * |
| 2 | Chan Suen (Melody) | 陳璿 | HRKT0085743 | 24/5/2018 | 宏宗(保成) | Intern | * | * |
| 3 | Lau Wing Kin | 劉永健 | SCW03172623 | 26/10/2018 | 宏宗(保成) | AQS | * | * |
| 4 | Mai Suni | 麥素妮 | SEITSC-017245 | 2/6/20219 | 宏宗(保成) | 工人 | * | * |
| 5 | Ngo Shu Hoi | 敖樹海 | HRYL0173143R | 29/5/2019 | 宏宗(保成) | AQS | * | * |
| 6 | Tsoi Wan Wah | 蔡云華 | GC-246034R | 4/12/2016 | 宏宗(保成) | 訊號員 | * | * |
| 7 | Zeng Qiongying | 曾琮英 | SCW03167181 | 19/5/2018 | 宏宗(保成) | 工人 | * | * |
| 8 | Li Kwan | 李君 | HRJD0115347R | 14/2/2017 | 宏宗(保成) | 工人 | * | * |
| 9 | Chan Ka Ming (Alex) | 陳家銘 | CWGC/SAF/02773R | 23/10/2017 | 宏宗(保成) | 工人 | * | * |
| 10 | Tam Chi Wah | 譚志華 | SCW03146839R | 21/11/2016 | 宏宗(保成) | 管工 | * | * |

保成

(4)

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk- / Environmental Toolbox talk / Safety-Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|-----------------------|--|---------------------|-------------------|---------------|------------|---------------------------|----------------------------------|
| Date: | | 7/9/2016 | | | | | | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | |
| Training Tutor (Safety): | | Training Tutor Signature (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee | | | | | | |
| Training Tutor (Environmental): | | Training Tutor Signature (Environmental): Grant Hui / Ruby Law | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Leung Chung Yan | 梁松有 | HRJD0130449R | 21/06/2017 | 宏宗(保成) | 札鐵 / 索具工 | * | * |
| 2 | Sin Fook Shing | 冼福成 | HRYL0117486R | 24/10/2017 | 宏宗(保成) | 札鐵 | * | * |
| 3 | Wong Siu Yin | 黃兆然 | HRJD0162074R | 26/03/2018 | 宏宗(保成) | 札鐵 | * | * |
| 4 | So Shing | 蘇勝 | HRYL0095882R | 5/3/2017 | 宏宗(保成) | 札鐵 | * | MS |
| 5 | Au Ping Leung | 區秉良 | HRITW0053388R | 13/02/2017 | 宏宗(保成) | 札鐵 | * | * |
| 6 | TSE Kai Wah | 謝啟華 | SCW03166228 | 21/04/2018 | 宏宗(保成) | 札鐵 | * | 字 |
| 7 | Ho Kan Shing | 何根成 | HRYL0109477R | 22/07/2017 | 宏宗(保成) | 札鐵 / 索具工 | * | 字 |
| 8 | Xie Yan Feng | 謝燕峰 | SCW03143231 | 10/6/2016 | 宏宗(保成) | 札鐵 | * | 字 |
| 9 | Chan Chi Yung | 陳志勇 | HRKT0089834 | 23/07/2018 | 宏宗(保成) | 札鐵 | * | * |
| 10 | Xie Yanbo | 謝燕波 | SCW0343230 | 10/6/2016 | 宏宗(保成) | 札鐵 | * | * |

進展

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk- / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | | | | |
|---------------------------------|-----------------------|--|---------------------|-------------------|---------------|-----------------------|---------------------------|----------------------------------|--|-----------------|--|
| Date: | | 7/9/2016 | | Time (Safety): | | Time (Environmental): | | | | 08:45am-09:00am | |
| Safety Toolbox Talk topic: | | Environmental Toolbox Talk Topic: 污水處理 | | | | | | | | | |
| Training Tutor (Safety): | | Michael So / Eric Loh / Edward Leung / Samuel Lee | | | | | | | | | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | | | | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) | | | |
| 1 | Wong Chi Ming | 黃志明 | HRYL013195R | 30/03/2016 | 宏宗(保成) | 札鐵 | * | * | | | |
| 2 | Cong Man Nhat | 江文日 | HRYL009551R | 4/3/2017 | 宏宗(保成) | 札鐵 | * | * | | | |
| 3 | Kwok Shui Hing | 郭水興 | HRYL0125309 | 20/01/2018 | 宏宗(保成) | 鋼筋屈紮工 | * | * | | | |
| 4 | Sin Kwong Lun | 冼廣倫 | HRYL0114346R | 26/10/2017 | 宏宗(保成) | 札鐵 | * | * | | | |
| 5 | Li Hon Wa | 李漢華 | SGW03156428 | 02/07/2017 | 宏宗(保成) | 札鐵 | * | * | | | |
| 6 | Ngai Chi Wing | 魏志榮 | HRJD0118523R | 10/3/2017 | 宏宗(保成) | 札鐵 | * | * | | | |
| 7 | Lee Chin Wah | 李展華 | HRKI0063814R | 24/7/2017 | 宏宗(保成) | 札鐵 | * | * | | | |
| 8 | Chik Kin Wang | 植健宏 | HRYL0080626 | 29/7/2016 | 宏宗(保成) | 札鐵 | * | * | | | |
| 9 | Hon Wai Keung | 韓偉強 | GC-068752R | 16/12/2016 | 宏宗(保成) | 札鐵 | * | * | | | |
| 10 | Yip Chui-Ching | 葉翠青 | HRYL0104053R | 22/5/2017 | 宏宗(保成) | 札鐵 | * | * | | | |

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2

Record of Attendance of Training

| Training Session: | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | |
|---------------------------------|---|---|---------------------------|----------------------|-------------------|---------------|---------------------------|----------------------------------|
| Date: | 7/9/2016 | Time (Safety): | '-----' | | | | | |
| Safety Toolbox Talk topic: | '-----' | Time (Environmental): | 08:45am-09:00am | | | | | |
| Training Tutor (Safety): | Michael So / Eric Loh / Edward Leung / Samuel Lee | Environmental Toolbox Talk Topic: | 污水處理 | | | | | |
| Training Tutor (Environmental): | Grant Hui / Ruby Law | Training Tutor Signature (Safety): | '-----' | | | | | |
| | | Training Tutor Signature (Environmental): | '-----' | | | | | |
| No. | Name of Trainee (英文名) | 中文名 | Green Card No (平安咭) | Expire Date (到期日) | Company (公司名) | Trade (工種) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) |
| 1 | Chau Chi Luen | 周自聯 | HRYL0099569R | 15/4/2017 | 宏宗(保成) | 扎鐵 | * | * |
| 2 | Lam Koon Tak | 林觀得 | HRTW0053281R | 16/2/2017 | 宏宗(保成) | 工人 | * | * |
| 3 | Chan Po Kin | 陳寶健 | HRYL0116490R | 6/10/2017 | 宏宗(保成) | 扎鐵 | * | * |
| 4 | Liu Chi Wai | 廖志偉 | HRYL0160933 | 27/1/2019 | 宏宗(保成) | 工人 | * | * |
| 5 | Pang Chau Lam | 彭秋林 | HRJD0140895R | 1/11/2017 | 宏宗(保成) | 扎鐵 | * | * |
| 6 | Lee Chin Pang | 李展鵬 | HRKT0089835 | 23/7/2016 | 宏宗(保成) | 扎鐵 | * | * |
| 7 | Tsui Wai Hung | 徐偉洪 | SC160301-17074 | 28/2/2019 | 宏宗(保成) | 工人 | * | * |
| 8 | Chan Siu Por | 陳少波 | HRYL0097500R | 30/4/2017 | 宏宗(保成) | 工人 | * | * |
| 9 | Au Yat Wai | 區日威 | SCW97900934 | 13/4/2017 | 宏宗(保成) | 扎鐵 | * | * |
| 10 | Pang Shing Yau | 彭成有 | HRJD0163300R | 14/5/2018 | 宏宗(保成) | 工人 | * | * |

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2

Record of Attendance of Training

| Training Session : | | Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / Safety Work Cycle / Others: (Day) | | | | | | | | | |
|---|-----------------------|---|----------------------|---|--------------|---------------------|---------------------------|----------------------------------|--|-------------------------|--|
| Date: | | 07 / 09 / 2016 | | Time (Safety): | | | | | | Time (Environmental): | |
| Safety Toolbox Talk Topic | | | | Environmental Toolbox Talk Topic | | | | | | 11:15-11:30 | |
| Training Tutor (Safety): | | Eric Loh / Leung Yu Cheng / Lee Wing Hung | | Training Tutor Signature (Safety):: | | | | | | [Signature] | |
| Training Tutor (Environmental): | | Grant Hui / Ruby Law | | Training Tutor Signature (Environmental):: | | | | | | | |
| No. | Name of Trainee (英文名) | Chinese Name (中文名) | Green Card No. (平安卡) | Expire day (到期日) | Company (公司) | Trades (工种) | Safety Training 安全訓練 (簽名) | Environmental Training 環保訓練 (簽名) | | | |
| 1 | Shi Xiangin | 施香琴 | HRYL0150324 | 29/09/2018 | 保成 | 乙工 | | X | | | |
| 2 | Chow chi lun | 周子倫 | GC-378220 | 1/4/2018 | OSCAR | Engineering manager | | X | | | |
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