ATAL-Degrémont-China State Joint Venture

Contract No. DC/2008/03 Design, Build and Operate Pillar Point Sewage Treatment Works: *Third Monthly EM&A Report*

January 2011

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January 2011

Reference 0119806

For and on behalf of
ERM-Hong Kong, Limited

Approved by: Frank Wan

Signed:

Position: Partner

Certified by:
(Environmental Team Leader – Winnie Ko)

Certified by:
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Date: 15 February 2011

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Attn: Mr. Eddie S.K. LEUNG (T:2159 3413)

14 February 2011

Dear Sir,

Contract No. CV/2008/03
Design, Build and Operate
Pillar Point Sewage Treatment Works

Monthly EM&A Report for January 2011

Reference is made to Environmental Team (ET)'s revised draft of the Monthly EM&A Report for January 2011 provided by email dated 11 February 2011. We have no further comment.

We hereby verify the said Monthly EM&A Report as having complied with the requirement as set out in the EM&A Manual in accordance with the condition 3.6 of Environmental Permit No. EP-321/2008.

Should you have any queries, please feel free to contact the undersigned at 3105 8537.

For and on behalf of
AECOM Asia Co. Ltd.

Y T Tang
Independent Environmental Checker

c.c. AECOM – Mr. Tim Lee (Fax No. 2317 7609)
ERM – Ms. Winnie Ko (Fax No. 2723 5660)
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EXECUTIVE SUMMARY

The construction works of ***DC/2008/03 of Design, Build and Operate Pillar Point Sewage Treatment Works (the Project)*** commenced on 13 November 2010. This is the third monthly Environmental Monitoring and Audit (EM&A) report presenting the EM&A works carried out during the period from 1 to 31 January 2011 in accordance with the EM&A Manual.

Summary of Construction Works undertaken during the Reporting Month

Works undertaken in the reporting month include:

- Site formation in P2;
- Tree transplanting preparation work in P1 and P2;
- Sheet piling in P2;
- Grouting of pipe pile wall in P2;
- Soil nailing in P2; and
- Ground investigation in P2.

Environmental Monitoring and Audit Progress

A summary of the monitoring activities undertaken in this reporting period is listed below:

• 24-hour TSP Monitoring at each monitoring station (AM1 and AM2)	5 sets
• 1-hour TSP Monitoring at each monitoring station (AM1 and AM2)	15 sets
• Joint Environmental Site Inspection	4 times
• Landscape & Visual Monitoring	1 time

Air Quality

Five sets of 24-hour TSP and fifteen sets of 1-hr TSP measurements were carried out at each of the designated monitoring stations during the reporting period. No exceedance was recorded during the reporting period.

Waste Management

Waste generated from this Project includes inert construction and demolition (C&D) materials (public fill) and non-inert C&D materials (construction wastes). A total of 35,395 tonnes of public fill were delivered to the fill bank and 590 kg of metals, paper/cardboard and plastics were sent to recyclers in the reporting period. No general refuse and chemical waste was disposed of in the reporting period.

Environmental Site Inspection

Four weekly joint environmental site inspections were carried out by the representatives of the Contractor, the SOR and the Environmental Team (ET). Details of the audit findings and implementation status of the mitigation measures are presented in *Section 7.1*.

Landscape & Visual

Review on landscape and visual mitigation measures was performed on 14 January 2011. Details of the audit findings and implementation status of the mitigation measures are presented in *Sections 3.2* and *7.2*.

Environmental Exceedance/Non-conformance/Compliant/Summons and Prosecution

No exceedance was recorded during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint and summon/prosecution was received in this reporting period.

Future Key Issues

Works to be undertaken in the next reporting month include:

- Site formation in P2;
- Pipe piling in P2;
- Tree transplant from P1 and P2 to nursery;
- Sheeting piling works in P2;
- Erection of tower crane in P2; and
- Interim operation of PPSTW in P1.

Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff, waste management and landscaping issues.

1 INRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by ATAL – Degrémont – China State Joint Venture (ADC-JV) (the Contractor) as the Environmental Team (ET) to undertake Environmental Monitoring and Audit (EM&A) programme for the Contract No. ***DC/2008/03 of Design, Build and Operate Pillar Point Sewage Treatment Works (the Project)***.

1.1 PURPOSE OF THE REPORT

This is the third EM&A report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period from **1** to **31 January 2011**.

1.2 STRUCTURE OF THE REPORT

The structure of the report is as follows:

Section 1 : **Introduction**
details the scope and structure of the report.

Section 2 : **Project Information**
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**
summarises the environmental monitoring including monitoring parameters, monitoring programmes, monitoring methodologies, 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**
summarises the implementation of environmental protection measures during the reporting period.

Section 5 : **Monitoring Results**
summarises the monitoring results obtained in the reporting period.

Section 6 : **Waste Management**
summarises the quantity of public fill and construction waste generated in the reporting period

Section 7 : **Environmental Site Inspection**
summarises the audit findings of the weekly site inspections undertaken within the reporting period.

Section 8 : **Environmental Non-conformance**
summarises any exceedance of environmental performance standard, and environmental complaints and environmental summons received within the reporting period.

Section 9 : **Further Key Issues**
summarises the impact forecast and monitoring schedule for the next reporting month.

Section 10 : **Review of the EM&A Data and Predictions**
compares the monitoring data and waste quantity against predictions in the approved Project EIA report.

Section 11 : **Conclusions**

2 PROJECT INFORMATION

2.1 BACKGROUND

The existing Pillar Point Sewage Treatment Works (PPSTW) is located to the north of the Tuen Mun River Trade Terminal and is abutting the Lung Mun Road to its north. It is a preliminary treatment works with screening and grit removal processes with treated effluent discharged to the sea (North Western Water Control Zone) via a twin submarine outfall. The *Review of the Tuen Mun and Tsing Yi Sewerage Master Plan* (RTMTYSMP) commissioned in February 1999, recommended to expand the sewage treatment capacity and to upgrade the plant to chemically enhanced primary treatment (CEPT) with disinfection in order to cater for the projected ultimate population and planned developments in the Tuen Mun area, and to improve the effluent quality and hence to reduce the pollution loadings to the receiving waters.

The upgrading of the PPSTW comprises the following works:

- expanding the treatment capacity of the existing PPSTW to cope with the increased peak wet-weather sewage flow in Tuen Mun area;
- upgrading the sewage treatment level of the existing PPSTW to incorporate chemical treatment with disinfection at minimum removal rates of 70%, 55% and 99.9% of suspended solids (SS), biochemical oxygen demand (BOD) and *E.coli*, respectively;
- upgrading existing septic waste reception facilities at PPSTW; and
- providing and upgrading ancillary facilities including the administration building, workshop, laboratory, odour control facilities, sludge handling and dewatering facilities, access roads and minor landscaping works within the STW for the operation and maintenance of the upgraded STW.

The potential environmental impacts of the Project have been studied in the "*Upgrading of Pillar Point Sewage Treatment Works*" (EIAO Register No: AEIAR-145/2008). The EIA was approved on 10 June 2008 under the *Environmental Impact Assessment Ordinance* (EIAO) and an Environmental Permit (EP-321/2008) for the works was granted on 17 November 2008. Under the requirements of Condition 3.1 of EP-322/2008, an EM&A programme as set out in the EM&A Manual is required to be implemented.

The construction works commenced on 13 November 2010 and are scheduled for completion by 2014.

2.2 GENERAL SITE DESCRIPTION

The open area adjacent to the existing PPSTW has been designated for the upgrading works. The layout of the upgrading works is illustrated in *Annex A*.

2.3 CONSTRUCTION ACTIVITIES

A summary of the major construction activities undertaken in this reporting period is shown in *Table 2.1*. The locations of the construction activities are shown in *Annex B*. The construction programme of the Project in the reporting month and the upcoming 3 months is presented in *Annex L*.

Table 2.1 Summary of Construction Activities Undertaken in Reporting Period

Construction Activities Undertaken
• Site formation in P2
• Sheet piling in P2
• Tree transplanting preparation work in P1 & P2
• Grouting of pipe pile wall in P2
• Soil nailing in P2
• Ground investigation in P2

2.4 PROJECT ORGANISATION AND MANAGEMENT STRUCTURE

The project organization chart and contact details are shown in *Annex C*.

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/ Licences/ Notification	Reference	Validity Period	Remarks
Environmental Permit	EP-321/2008	Throughout the Contract	Permit granted on 17 November 2008.
Notification of Construction Works under Air Pollution Control (Construction Dust) Regulation	Ref No. 308136	Throughout the Contract	-
Water Discharge License	WT00008027-2010	Till 31 December 2015	Wastewater discharge licence was issued by EPD on 7 December 2010.
Construction Noise Permit	GW-RW0588-10	1 December 2010 – 30 May 2011	-
	GW-RW0074-11	28 January 2011 – 27 July 2011	-
Chemical Waste Producer Registration	5213-421-A2620-01	Throughout the Contract	Licence approved on 28 October 2010

3.1 AIR QUALITY MONITORING

3.1.1 Monitoring Location

The proposed air quality monitoring stations for the construction phase of the Project, as recommended in the approved EM&A Manual, are given in *Table 3.1* and shown in *Annex D*. The proposed locations (AM1 and AM2) have been agreed with the Drainage Services Department (DSD), Environmental Protection Department (EPD) and the Independent Environmental Checker (IEC).

Table 3.1 ***Construction Phase Air Monitoring Locations***

Monitoring ID	Air Quality Monitoring Station
AM1	Tuen Mun EMSD Servicing Vehicle Station
AM2	River Trade Terminal Office

3.1.2 Monitoring Parameter and Frequency

The construction phase air quality monitoring was conducted at the designated monitoring stations in accordance with the requirements stipulated in the EM&A Manual. 1-hour and 24-hour TSP levels were monitored at the frequency and duration stated in *Table 3.2*. The construction phase TSP monitoring was conducted as per the schedule presented in *Annex E*.

Table 3.2 ***Construction Phase Air Quality Monitoring Parameters and Frequency***

Parameter	Frequency
24-hour TSP	Once every 6 days
1-hour TSP	3 times every 6 days

3.1.3 Action and Limit Levels

The Action and Limit levels have been established and presented in *Table 3.3*.

Table 3.3 Action and Limit Levels for Air Quality

Parameter	Air Monitoring Station	Action Level, μgm^{-3}	Limit Level, μgm^{-3}
24-hour TSP	AM1	183	260
	AM2	192	260
1-hour TSP	AM1	343	500
	AM2	383	500

3.1.4 Monitoring Equipment

Continuous 24-hour and 1-hour TSP monitoring were performed using High Volume Samplers (HVS) with appropriate sampling inlets installed, located at the designated monitoring stations. The performance specification of HVS complied with the standard method "*Determination of Suspended Particulate*

Matter in the Atmosphere (High Volume Method)" as stipulated in *US EPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50 Appendix B)*. *Table 3.4* summarises the equipment that were deployed for the 24-hour and 1-hour TSP monitoring respectively.

Table 3.4 TSP Monitoring Equipment

Monitoring Station	Monitoring Equipment (HVS and Calibrator)
24-hr and 1-hr TSP	
AM1	GMW GS-2310 (S/N 7580), CM-AIR-43 (S/N 9833620)
AM2	GMW GS-2310 (S/N 1247), CM-AIR-43 (S/N 9833620)

3.1.5 Monitoring Methodology

The setup locations of the HVSs at monitoring stations were listed in *Table 3.1*. All HVSs were free-standing with no obstruction.

The following criteria were considered in the installation of the HVSs:

- appropriate support to secure the samplers against gusty wind were provided at AM1 andAM2;
- a minimum of 2m separation from walls, parapets and penthouses was required for rooftop samplers;
- no furnace or incinerator flues were nearby;
- airflow around the sampler was unrestricted; and
- permission was obtained to set up the samplers and to gain access to the monitoring stations.

Preparation of Filter Papers

- glass fibre filters were labelled and sufficient filters that were clean and without pinholes were selected;
- all filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25°C and not variable by more than ± 3°C; the relative humidity (RH) was 40%; and
- SGS Hong Kong Ltd, a HOKLAS accredited laboratory, implements comprehensive quality assurance and quality control programmes.

Field Monitoring

- the power supply was checked to ensure that the HVSs were working properly;
- the filter holder and the area surrounding the filter were cleaned;

- the filter holder was removed by loosening the foul bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully;

- the filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter;

- the swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges;

- then the shelter lid was closed and secured with the aluminium strip;

- the HVSs were warmed-up for about 5 minutes to establish run-temperature conditions;

- a new flowrate record sheet was set into the flow recorder;

- the flow rates of the HVSs were checked and adjusted to between 1.22 - 1.37 m^3min^{-1} which were within the range specified in the EM&A Manual (ie 0.6 – 1.7 m^3min^{-1});

- the programmable timer was set for a sampling period of 24 hours ± 1 hour, and the starting time, weather condition and the filter number were recorded;

- the initial elapsed time was recorded;

- at the end of sampling, the sampled filter was removed carefully and folder in half length so that only surfaces with collected particulate matter were in contact;

- it was then placed in a clean plastic envelope and sealed;

- all monitoring information was recorded on a standard data sheet; and

- filters were sent to SGS Hong Kong Ltd for analysis.

Maintenance and Calibration

- the HVSs and their accessories were maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply; and

- the flow rate of each HVS with mass flow controller were calibrated using an orifice calibrator. Initial calibrations of the dust monitoring equipments were conducted upon installation and prior to commissioning. Five-point calibration was carried out for HVSs using CM-AIR-43 Calibration Kit. HVSs are calibrated on a bi-monthly basis. The calibration records for the HVSs are given in *Annex G*.

Wind Data Monitoring

Average wind data (wind speed and wind direction) during the monitoring period were obtained from the meteorological station at Tuen Mun of the Hong Kong Observatory (HKO) and were presented in *Annex F*.

3.1.6 Event and Action Plan

The Event/Action Plan (EAP) for air quality monitoring is presented in *Annex H*.

3.2 LANDSCAPE AND VISUAL MONITORING

In accordance with the EM&A Manual, monthly landscape and visual monitoring is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the approved EIA Report are fully achieved. The monitoring procedures and criteria as described in the EM&A Manual were adopted.

3.3 ENVIRONMENTAL MITIGATION MEASURES AND ENVIRONMENTAL REQUIREMENTS IN CONTRACT

All relevant environmental mitigation measures listed in the EIA Report and the EM&A Manual as well as the specific environmental requirements stated in Contract Specification are summarised in *Annex I*. A summary of the key environmental mitigation measures implemented as per the Contract Requirements is also presented in *Annex I*.

4 *IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS*

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

5 MONITORING RESULTS

5.1 AIR QUALITY

A total of 5 sets of 24-hour and 15 sets of 1-hour TSP measurements were carried out at each of the monitoring stations (AM1 and AM2) during the reporting period. The monitoring data for 24-hour TSP and 1-hour TSP together with wind data and graphical presentations are presented in *Annex F*. The weather conditions during the monitoring period were sunny to cloudy. The local impacts near the monitoring stations of AM1 and AM2 were mainly associated with vehicular emissions. No exceedance of Action and Limit Level of 1-hr and 24-hr TSP was recorded during the reporting period.

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 of 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 (*Annex J*). With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting month are summarised in *Table 5.1*. The public fill and construction waste generated from the Project were disposed of at the Tuen Mun Area 38 Fill Bank and WENT Landfill, respectively. 250 kg of metals, 280 kg of paper/cardboard packaging and 60kg of plastics were sent to recyclers for recycling during the reporting period.

Table 6.1 ***Quantities of Waste Generated from the Project***

Month / Year	**Quantity**		
	C&D Materials Disposed of at Public Fill (inert) [(a)]	**C&D Materials Disposed of at Landfill (Non-inert) (Construction waste)** [(b) (c)]	**Chemical Waste**
January 2011	35,395 tonnes	0 kg	0 kg

Notes:

(a) Inert C&D materials (public fill) include bricks, concrete, building debris, rubble and excavated soil. No public fill was reused in this Project during the reporting period. The public fill were disposed of at the Tuen Mun Area 38 Fill Bank.

(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 are grouped into construction wastes as the materials were not disposed of with others at the public fill. Construction wastes other than metals and paper/cardboard packaging were disposed of at WENT Landfill. 250 kg of metals, 280 kg of paper/cardboard packaging and 60kg of plastics were recovered and sent to recyclers for recycling during the reporting period.

(c) General refuse was disposed of at WENT by subcontractors. No record of general refuse disposal in the reporting period is available for waste quantity estimation.

7 ENVIRONMENTAL INSPECTIONS

7.1 WEEKLY SITE AUDITS

Joint site inspections were conducted by the representatives of the Contractor, SOR and the ET on 7, 14, 21 and 28 January 2011. The IEC was also present during the joint inspection on 28 January 2011. There was no non-compliance recorded during the site inspections.

Major findings observed during the reporting period were summarised as follows:

7 January 2011

- While transplanting of trees in P1 were observed to be in progress, a few to-be-transplanted trees were still observed to be uprooted. The Contractor was recommended to complete transplantation of up-rooted trees as soon as possible to avoid further deterioration of health of the to-be-transplanted trees.
- Mills barriers were observed to be placed in between the retained trees and the access road along the southern boundary of site. The Contractor was recommended to relocate the barriers to between the retained trees and works area to avoid trespassing by works as well as the stockpiling of construction materials near tree roots in order to maintain health of trees within 3 working days.
- Stagnant water was observed behind sedimentation tanks near gate no.2. Some of the water overflew the sandbag barriers and washed off soil and mud into nearby drainages. The Contractor was recommended to improve the sandbag barriers to avoid further runoff of site water into nearby drains. The Contractor was also recommended to clear soil and mud near the sedimentation tanks to minimize runoff into drains during rainy weather within 3 working days.

14 January 2011

- Some mills barriers were still observed to be placed in between the retained trees and the access road along the southern boundary of site. Some mill barriers were also placed directly above the roots of the retained trees. The Contractor was recommended to relocate the barriers to between the retained trees and works area to avoid trespassing by works as well as the stockpiling of construction materials near tree roots in order to maintain health of trees within 3 working days. The Contractor was also reminded to avoid positioning mills barriers on top of tree roots to avoid compaction of soil above tree roots.
- Turbid water was still observed to be overflowing into the stormwater drainage near the sedimentation tanks. It was observed that water from wheel washing activities accumulated near gate no.2 was not directed to

sedimentation facilities, and subsequently the water overflew into storm drains and nearby landscaping areas. The outlet hose of one sedimentation tank was also observed to be leaking water, adding to the volume of accumulated water behind the sedimentation tanks. The Contractor was recommended to construct a drainage channel near the wheel washing facility so that all cleaning water is directed back to sedimentation tanks for proper treatment prior to discharge as soon as possible, ideally before the next joint site inspection. The Contractor was also recommended to repair all faulty hoses and bunds on site to ensure site runoffs are minimized and contained within works areas.

- Chemical drums were observed to be placed on the ground without drip trays near the north-eastern corner of site. The Contractor was recommended to provide drip trays for the temporary storage of chemicals on site to avoid potential spillages within 3 working days. Waste chemical drums should also be stored in the chemical waste storage on site and disposed of properly via licensed collectors.

21 January 2011

- Turbid water was still observed to be overflowing into the stormwater drainage near the sedimentation tanks. It was observed that water was overflowing from the sedimentation tanks. The outlet hose of one sedimentation tank was also still observed to be leaking water, adding to the volume of accumulated water behind the sedimentation tanks. The Contractor was recommended to review quantity of site water requiring discharge and to arrange more sedimentation tanks for treatment of site discharge. The Contractor was also recommended to repair all faulty hoses and bunds on site to ensure site runoffs are minimized and contained within works areas.
- Chemical drums were observed to be placed on the ground without drip trays adjacent to the temporary office near the chemical waste storage. The Contractor was recommended to provide drip trays for the temporary storage of chemicals on site to avoid potential spillages within 2 working days. Waste chemical drums should also be stored in the chemical waste storage on site and disposed of properly via licensed collectors.

28 January 2011

- Roots of some transplanted trees in the nursery were observed exposed. The Contractor was recommended to fill soil on top of the explored roots within 3 working days so that the root can be totally covered. It was also observed that there were two trees roped together, which one was inside the nursery and the other located on the slope outside. The tree outside the nursery was used as an anchor to support the newly transplanted tree inside the nursery. The Contractor was recommended to untie the rope within 3 working days to avoid further damages to trees outside the nursery. The Contractor was also recommended to erect proper support for the transplanted tree in order to maintain the health of trees in area within 3 working days.

- Rock breaking activities along the western boundary of the excavated area were observed to be generating dust. No dust suppressive measures were implemented. The Contractor was recommended to arrange and to implement dust suppressive measures (ie. Water spraying) for all dusty works on site at all times within 3 working days.

Follow-up actions were undertaken as reported by the Contractor and observed in the next weekly site inspections conducted in the reporting period.

7.2 LANDSCAPE AND VISUAL MONITORING

In accordance with the EM&A Manual, monthly landscape and visual monitoring is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the EIA Report are fully achieved. Review on landscape and visual mitigation measures was performed by RLA. It was confirmed that most of the necessary landscape and visual mitigation measures as summarised in *Annex I* were implemented by the Contractor. The major findings were summarised as follow:

14 January 2011

- Some mills barriers were still observed to be placed in between the retained trees and the access road along the southern boundary of site and with some placed directly above the roots of the retained trees. The Contractor was reminded to relocate the barriers to between the retained trees and works area to avoid trespassing by works as well as the stockpiling of construction materials near tree roots in order to maintain health of trees within 3 working days. The Contractor was also reminded to avoid positioning mills barriers on top of tree roots to avoid compaction of soil above tree roots.

The Contractor was recommended to implement follow-up actions and the status of the follow-up actions will be reviewed in the first weekly site inspections in the next reporting period.

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

- Set up of a temporary tree nursery;
- Control dust and erosion of exposed soil;
- Stockpiling of topsoil for future reuse;
- Maintain existing tree record inventory; and
- Re-use existing top soil for new planting areas.

8 ENVIRONMENTAL NON-CONFORMANCE

8.1.1 Summary of Monitoring Exceedance

No exceedances of Action and Limit Levels of 1-hr and 24-hr TSP were recorded during the reporting period.

8.1.2 Summary of Environmental Non-Compliance

No non-compliance event was recorded during the reporting period.

8.1.3 Summary of Environmental Complaint

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

8.1.4 Summary of Environmental Summon and Successful Prosecution

No summonses were received during the reporting period. The cumulative summons/prosecution log is shown in *Annex K*.

9.1.1 Key Issues for the Coming Month

Works to be undertaken for the coming monitoring period are summarised in *Table 9.1.*

Table 9.1 Construction Works to be Undertaken in the Next Reporting Period

Work to be taken
• Site formation in P2
• Pipe piling in P2
• Tree transplant P1 and P2 to nursery
• Sheet piling works in P2
• Erection of tower crane in P2
• Interim operation of the PPSTW in P1

Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff, waste management and landscaping issues.

9.1.2 Monitoring Schedule for the Next Reporting Period

The tentative schedule of TSP monitoring for the next reporting period was presented in *Annex E*. Environmental monitoring will be conducted at the same monitoring locations in the next reporting period. The monitoring programme has been reviewed and was considered as adequate to cater for the nature of works in progress.

9.1.3 Construction Programme for the Next Three Months

The most updated construction programme for the Project is presented in *Annex L*.

10.1 AIR QUALITY

Since the EIA has included only qualitative assessment of dust impact during construction phase, the comparison was made between the monitoring results from the start of the Project and the Hong Kong Air Quality Objectives (HKAQO) (*Table 10.1*).

Table 10.1 Comparison of the HKAQO and Air Quality Monitoring Results

Monitoring Station	HKAQO, ugm^{-3}	Measured 24-hour TSP Monitoring Results, ugm^{-3} (a) (b)	
	24 hour (1)	Average	Range
AM1	260	79	70 – 100
AM2	260	88	78 – 102

Notes:

(a) Only 24-hour TSP monitoring results were compared as there is no 1 hour TSP criterion in HKAQO.

(b) Average and range of data were calculated between the commencement of construction works and this reporting month.

The monitoring results show that the average and range of 24-hour TSP levels recorded since the commencement of the construction works have been well below the 24-hour TSP criterion in the HKAQO. Recommended mitigation measures in *Section 3.7.1.1* of EIA have been implemented throughout the construction period and were considered effective.

10.2 WASTE MANAGEMENT

The estimated amount of waste generated in this Project and the accumulated quantities of waste generated up to this reporting month are presented in *Table 10.2*. Recommended mitigation measures in *Sections 7.5.1.1* to *7.5.1.9* of the EIA will continue to be implemented during the construction stage.

Table 10.2 *Quantity of Actual Amount of C&D Materials, General Wastes and Chemical Wastes Generated and EIA Estimation*

Type of Material	Estimated Amount of Public Fill and Construction Waste in EIA (inert & non-inert)	Accumulated Actual Amount of Public Fill and Construction Waste Recorded [(a)] [(b)] (inert & non-inert)
Amount of C&D Materials Arising	61,489 m^3	44,301 m^3
Amount of C&D Materials Reused on site	14,926m^3	0 m^3
Amount of C&D Materials Sent to Public Fills	46,563m^3	44,301 m^3
General Refuse	Small	0 kg
Chemical Waste	Small	0 kg

Notes:

(a) The actual amount of C&D Materials was recorded since the commencement of construction works.

(b) Density conversion factor of 1.06 for soil and stones (Ref No. 17 05 04) from Scotland Business Waste Survey 2006 by the Scotland Environmental Protection Agency

10.3 *CONCLUSION OF REVIEW*

The EIA predictions and the monitoring results since the commencement of construction works have been reviewed. The EIA concluded that the Project would not cause adverse impacts to the environment, and the monitoring results have also indicated the same so far. Mitigation measures recommended in the EP, EIA and EM&A Manual will continue to be implemented throughout the construction phase of the Project.

11 CONCLUSIONS

This EM&A Report presents the EM&A works undertaken during the reporting period from 1 to 31 January 2011 in accordance with EM&A Manual and requirements of EP (EP-321/2008).

No exceedance of Action and Limit Levels of 24-hour TSP and 1-hour TSP was recorded at the monitoring stations during the reporting period.

Monthly landscape and visual monitoring was conducted in the reporting 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.

No 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

Location of Project

PROPOSED FACILITIES AND BUILDINGS

SECTION 1 INLET PUMPING STATION AND PRELIMINARY TREATMENT WORKS

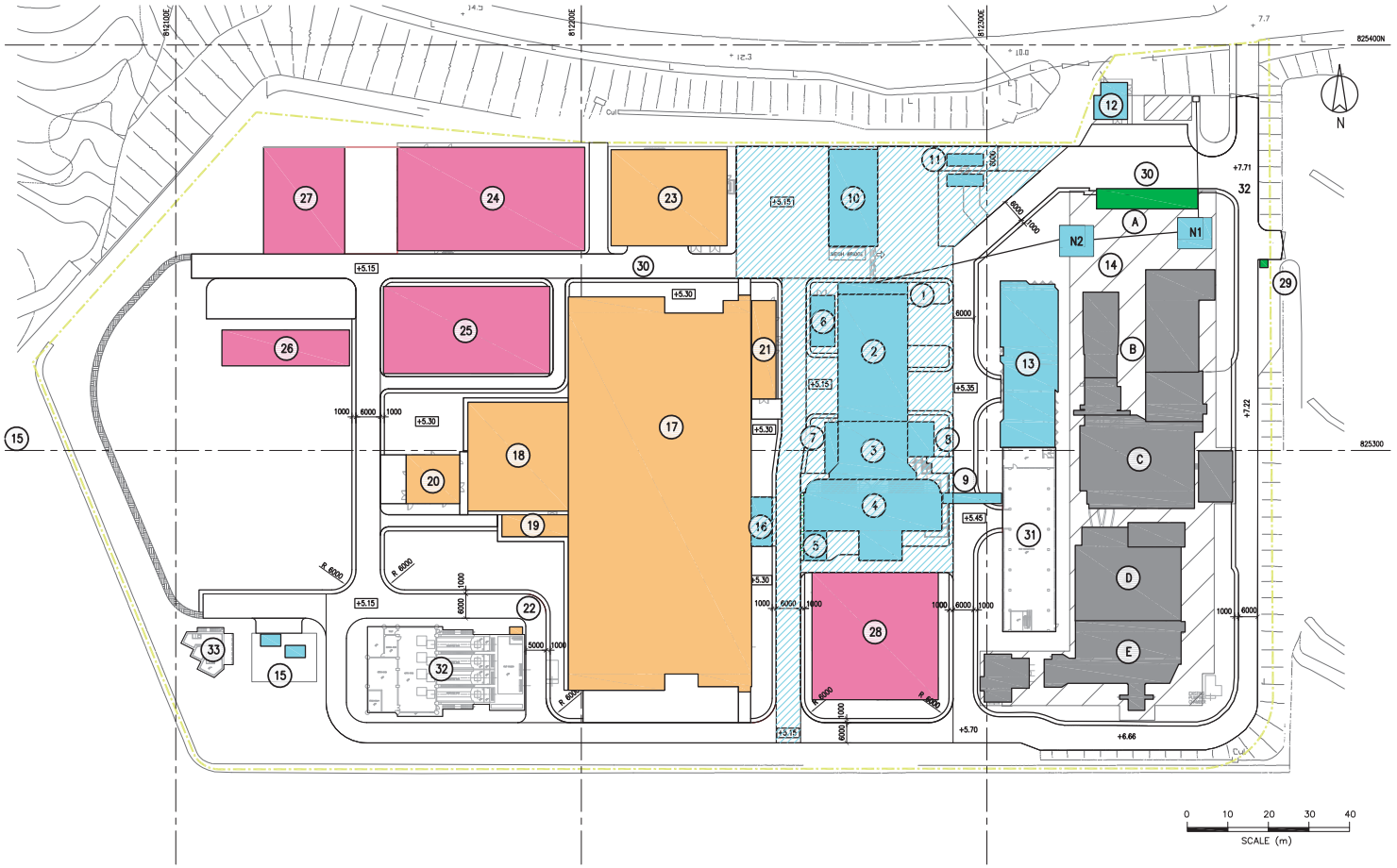
1. INLET CHAMBER
2. COARSE SCREENS AND INLET PUMPING STATION
3. FINE SCREEN CHANNELS
4. GRIT CHAMBERS
5. INLET FLOWMETER CHAMBER
6. PTW MCC ROOM
7. BLOWER ROOM
8. SCREENING SKIP HOUSE
9. ODOR DUCT SUPPORTING BRIDGE
10. SEPTIC WASTE RECEPTION STATION
11. WEIGHBRIDGE
12. ELECTRICAL BUILDING 1
13. ADMINISTRATION BUILDING
14. INLET CHAMBERS
15. PAYMENT FLOWMETER CHAMBER
16. CEPT INLET CHAMBER

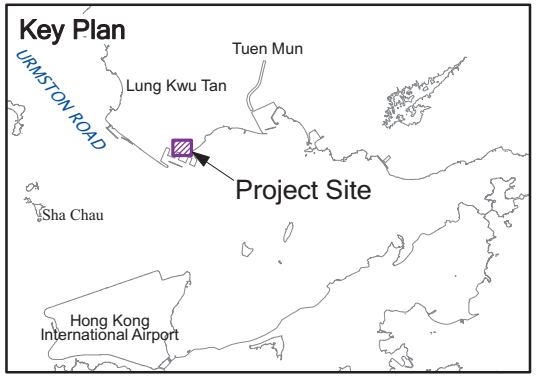
SECTION 2 CEPT TANKS UV DISINFECTION

17. CEPT TANKS
18. UV DISINFECTION CHANNELS
19. REUSE WATER PUMP ROOM
20. ELECTRICAL BUILDING 3
21. ELECTRICAL BUILDING 2
22. OUTFALL PUMPING STATION CONNECTION CHAMBER
23. CHEMICAL BUILDING

SECTION 3 SLUDGE TREATMENT & HANDLING AND ODOUR CONTROL

24. SLUDGE DEWATERING BUILDING
25. DEODORISATION UNITS (B)
26. SLUDGE SKIP STORAGE BUILDING
27. SLUDGE SKIP LOADING AREA
28. DEODORISATION UNITS (A)





SECTION 4 EXISTING BUILDINGS TO BE DEMOLISHED

- A ADMINISTRATION BUILDING
- B INLET SCREW PUMPING STATION AND MOTOR HOUSE
- C COARSE SCREENS
- D BLOWER HOUSE AND GRIT CHANNELS
- E FINE SCREEN CHANNELS AND FLOWMETER CHAMBER

SECTION 5 EXTERNAL WORKS

- 29 GATE HOUSE
- 30 CAR PARK

EXISTING BUILDING TO BE RETAINED

- 31 EXISTING SOLID HANDING BUILDING
- 32 EXISTING OUTFALL PUMPING STATION
- 33 EXISTING TERMINAL MANHOLE

Annex A

Contract No. DC/2008/03 - Design, Build and Operate Pillar Point Sewage Treatment Works
Layout of Project

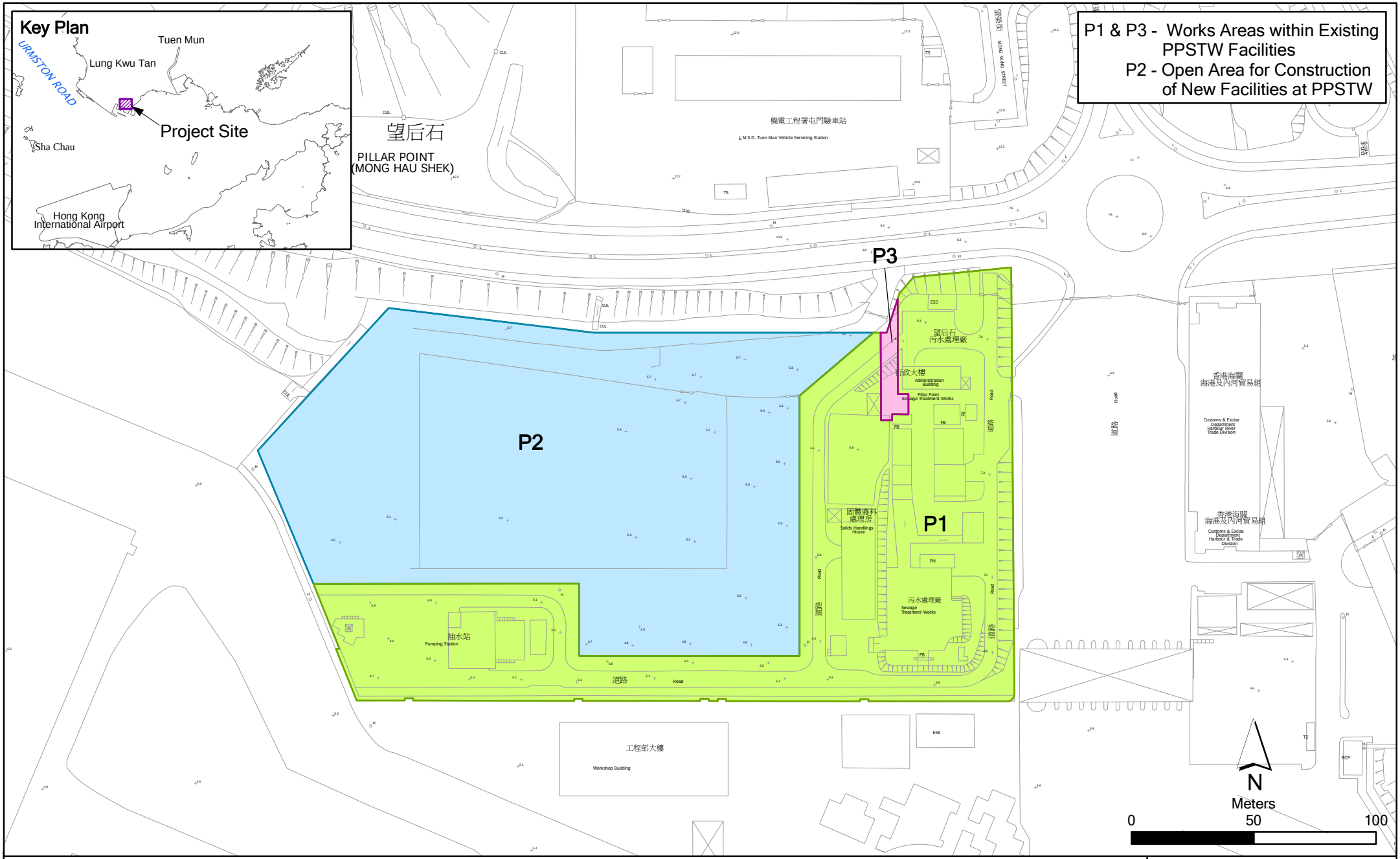
FILE: 0119806c
DATE: 20/12/2010

Environmental Resources Management

ERM

Annex B

Works Location



Annex B

Location of Works Areas

File: 0119806_location of works.mxd
Date: 15/12/2010

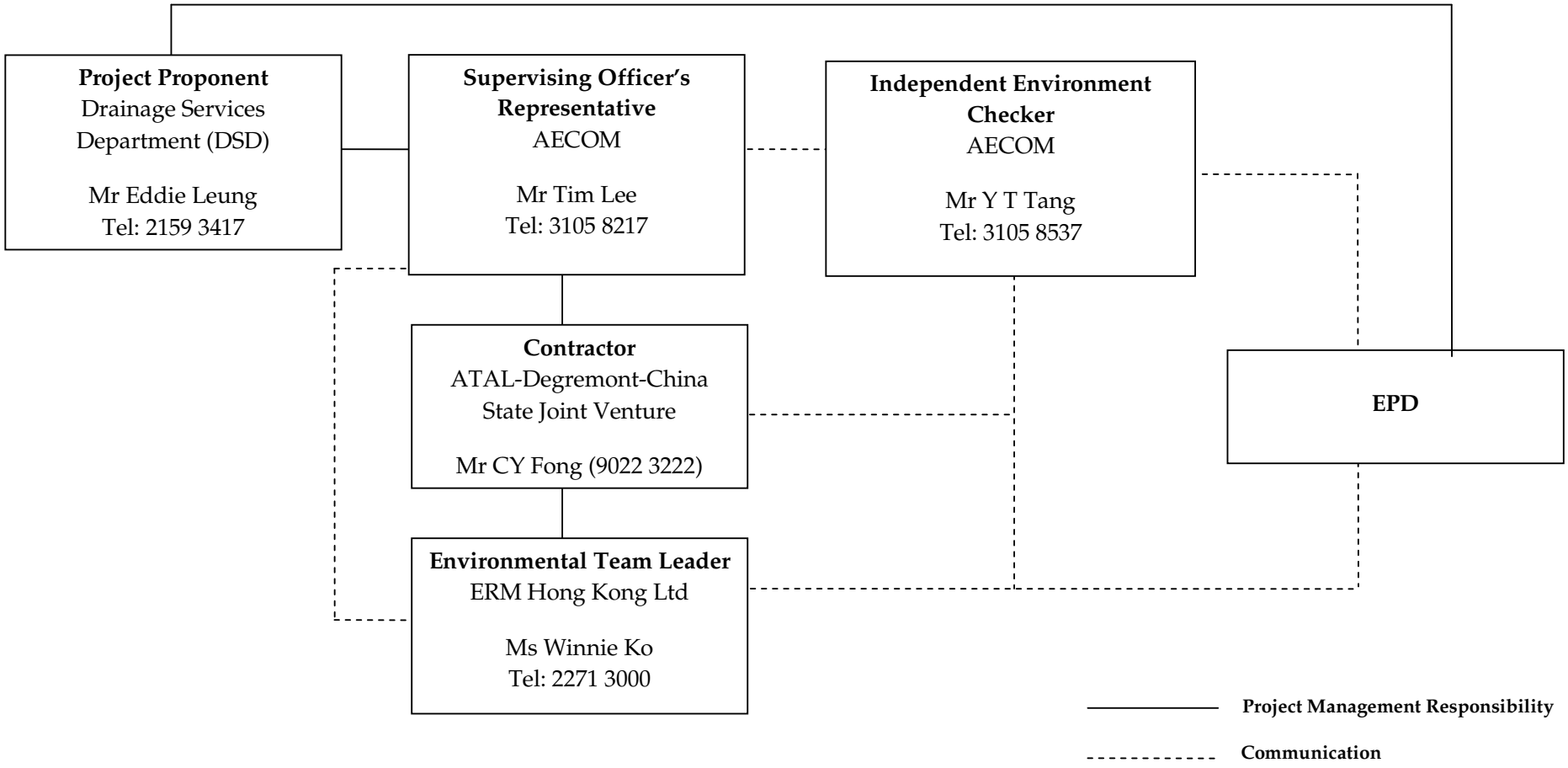
Environmental Resources Management

ERM

Annex C

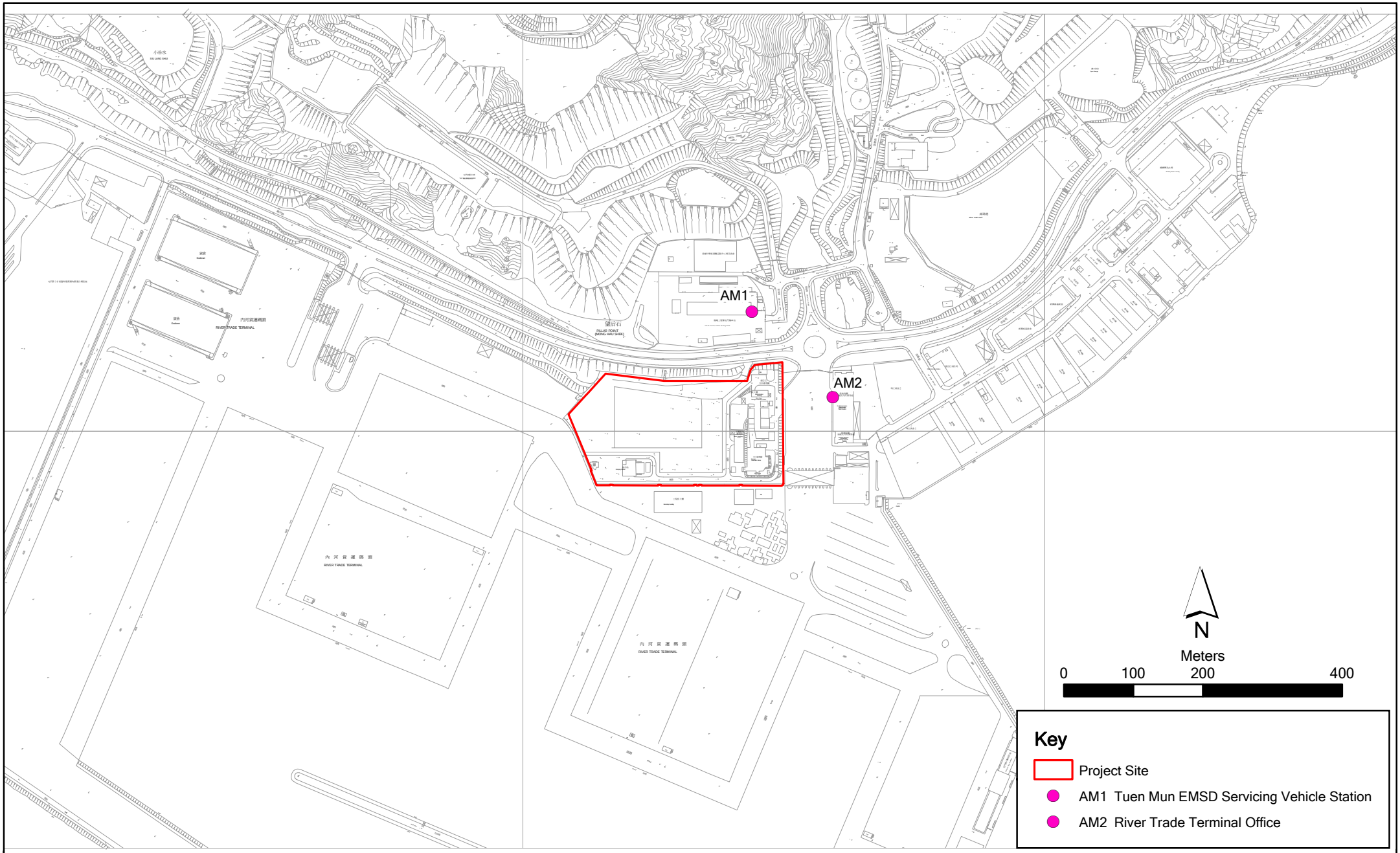
Project Organization Chart with Contact Details

Project Organization During Construction Phase (with contact details)



Annex D

Locations of Air Quality Monitoring Stations



Annex D

Contract No. DC/2008/03 Design, Build and Operate of Pillar Point Sewage Treatment Works

File: 0119806_Site Boundary.mxd
Date: 15/12/2010

Environmental Resources Management

ERM

AM1 – Tuen Mun EMSD Servicing Vehicle Station

AM2 - River Trade Terminal Office

Annex E

Monitoring Schedule of Reporting Month and Next Month

Contract No. DC/2008/03 - Design, Build and Operate Pillar Point Sewage Treatment Works
(Tuen Mun EMSD Servicing Vehicle Station - AM1 & River Trade Terminal Office - AM2)
January 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Jan
						New Year Holiday
2-Jan	3-Jan	4-Jan	5-Jan	6-Jan	7-Jan	8-Jan
			3X1-hr & 1X 24-hr TSP			
9-Jan	10-Jan	11-Jan	12-Jan	13-Jan	14-Jan	15-Jan
		3X1-hr & 1X 24-hr TSP				
16-Jan	17-Jan	18-Jan	19-Jan	20-Jan	21-Jan	22-Jan
	3X1-hr & 1X 24-hr TSP					3X1-hr & 1X 24-hr TSP
23-Jan	24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	29-Jan
					3X1-hr & 1X 24-hr TSP	
30-Jan	31-Jan					

Contract No. DC/2008/03 - Design, Build and Operate Pillar Point Sewage Treatment Works
(Tuen Mun EMSD Servicing Vehicle Station - AM1 & River Trade Terminal Office - AM2)
February 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1-Feb	2-Feb	3-Feb	4-Feb	5-Feb
			3X1-hr & 1X 24-hr TSP	New Year Holiday	New Year Holiday	New Year Holiday
6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb	12-Feb
		3X1-hr & 1X 24-hr TSP				
13-Feb	14-Feb	15-Feb	16-Feb	17-Feb	18-Feb	19-Feb
	3X1-hr & 1X 24-hr TSP					3X1-hr & 1X 24-hr TSP
20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb	26-Feb
					3X1-hr & 1X 24-hr TSP	
27-Feb	28-Feb					

Annex F

24-hour and 1-hour TSP Monitoring Results

Annex F - 24-hour and 1-hour TSP Monitoring Results

1-hour TSP Monitoring Results

Station AM1

Date	Start Time	Finish Time	Weather	TSP Concentration ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)	Site Conditions / Observations / Remarks	Temperature (℃)	Wind Speed * (m/s)	Sampler ID	Filter ID
5-Jan-11	13:10	14:10	Cloudy	209	343	500	Construction work in progress	15	*	7580	7917
	14:10	15:10	Cloudy	164	343	500	Construction work in progress	16	*	7580	7918
	15:10	16:10	Cloudy	144	343	500	Construction work in progress	17	*	7580	7919
11-Jan-11	13:10	14:10	Fine	102	343	500	Construction work in progress	11	*	7580	7934
	14:10	15:10	Fine	146	343	500	Construction work in progress	11	*	7580	7935
	15:10	16:10	Fine	174	343	500	Construction work in progress	12	*	7580	7936
17-Jan-11	13:10	14:10	Sunny	150	343	500	Construction work in progress	12	*	7580	7951
	14:10	15:10	Sunny	159	343	500	Construction work in progress	13	*	7580	7952
	15:10	16:10	Sunny	147	343	500	Construction work in progress	14	*	7580	7953
22-Jan-11	13:10	14:10	Cloudy	146	343	500	Construction work in progress	14	*	7580	8023
	14:10	15:10	Cloudy	146	343	500	Construction work in progress	14	*	7580	8024
	15:10	16:10	Cloudy	158	343	500	Construction work in progress	14	*	7580	8025
28-Jan-11	13:10	14:10	Cloudy	147	343	500	Construction work in progress	16	*	7580	8040
	14:10	15:10	Cloudy	137	343	500	Construction work in progress	16	*	7580	8041
	15:10	16:10	Cloudy	135	343	500	Construction work in progress	16	*	7580	8042
			Min.	**102**							
			Max.	**209**							
			Average	**151**							

* Wind Speed data is presented in the Meteorological Data table

Annex F - 24-hour and 1-hour TSP Monitoring Results

1-hour TSP Monitoring Results

Station AM2

Date	Start Time	Finish Time	Weather	TSP Concentration ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)	Site Conditions / Observations / Remarks	Temperature (℃)	Wind Speed * (m/s)	Sampler ID	Filter ID
5-Jan-11	13:00	14:00	Cloudy	217	383	500	Construction work in progress	15	*	1247	7913
	14:00	15:00	Cloudy	174	383	500	Construction work in progress	16	*	1247	7914
	15:00	16:00	Cloudy	189	383	500	Construction work in progress	17	*	1247	7915
11-Jan-11	13:00	14:00	Fine	193	343	500	Construction work in progress	11	*	1247	7930
	14:00	15:00	Fine	192	343	500	Construction work in progress	11	*	1247	7931
	15:00	16:00	Fine	206	343	500	Construction work in progress	12	*	1247	7932
17-Jan-11	13:00	14:00	Sunny	213	383	500	Construction work in progress	12	*	1247	7947
	14:00	15:00	Sunny	199	383	500	Construction work in progress	13	*	1247	7948
	15:00	16:00	Sunny	227	383	500	Construction work in progress	14	*	1247	7949
22-Jan-11	13:00	14:00	Cloudy	204	383	500	Construction work in progress	14	*	1247	7964
	14:00	15:00	Cloudy	190	383	500	Construction work in progress	14	*	1247	7965
	15:00	16:00	Cloudy	202	383	500	Construction work in progress	14	*	1247	7966
28-Jan-11	13:00	14:00	Cloudy	195	383	500	Construction work in progress	16	*	1247	8036
	14:00	15:00	Cloudy	197	383	500	Construction work in progress	16	*	1247	8037
	15:00	16:00	Cloudy	164	383	500	Construction work in progress	17	*	1247	8038
			Min.	**164**							
			Max.	**227**							
			Average	**197**							

* Wind Speed data is presented in the Meteorological Data table

Annex F - 24-hour and 1-hour TSP Monitoring Results

24-hour TSP Monitoring Results

Station AM1

Start		Finish		Weather	Filter Weight (g)		Elapsed Time Reading		Sampling Time	Flow Rate (m^3/min)			TSP Conc.	Action Level	Limit Level	Observations / Remarks	Sampler ID	Filter ID
Date	Time	Date	Time		Initial	Final	Initial	Final	(hrs)	Initial	Final	Average	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)			
5-Jan-11	16:10	6-Jan-11	16:10	Cloudy	2.8506	3.0021	10466.18	10490.18	24.00	1.19	1.19	1.19	88	183	260	Construction work in progress	7580	7920
11-Jan-11	16:10	12-Jan-11	16:10	Sunny	2.8774	3.0021	10493.18	10517.18	24.00	1.19	1.19	1.19	73	183	260	Construction work in progress	7580	7937
17-Jan-11	16:10	18-Jan-11	16:10	Sunny	2.8801	3.0099	10520.18	10544.18	24.00	1.28	1.28	1.28	70	183	260	Construction work in progress	7580	7954
22-Jan-11	16:10	23-Jan-11	16:10	Fine	2.8717	3.0125	10547.18	10571.18	24.00	1.28	1.28	1.28	76	183	260	Construction work in progress	7580	8026
28-Jan-11	16:10	29-Jan-11	16:10	Cloudy	2.8557	2.9975	10574.18	10598.18	24.00	1.28	1.28	1.28	77	183	260	Construction work in progress	7580	8043
												Min.	**70**					
												Max.	**88**					
												Average	**77**					

24-hour TSP Monitoring Results

Station AM2

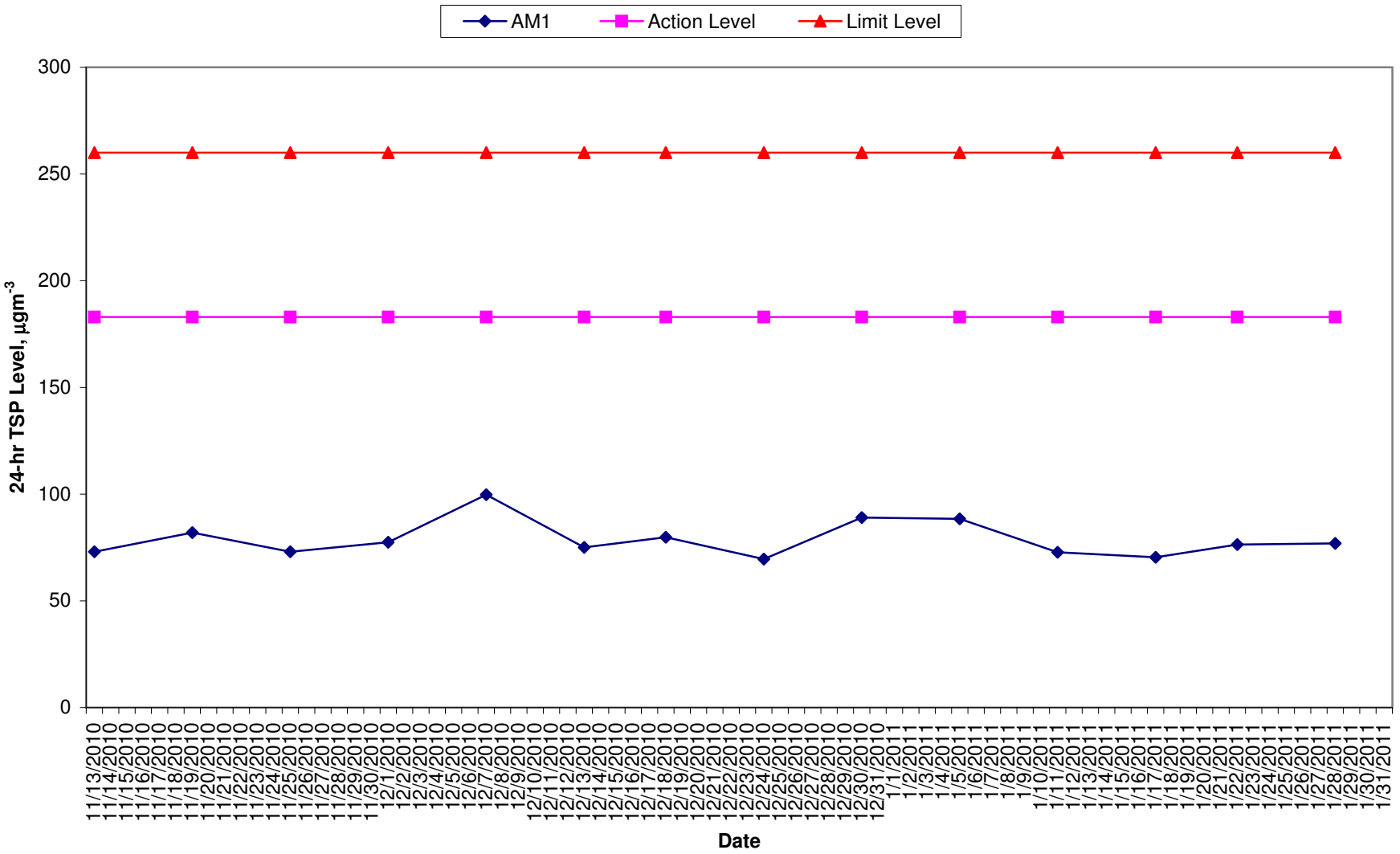
Start		Finish		Weather	Filter Weight (g)		Elapsed Time Reading		Sampling Time	Flow Rate (m^3/min)			TSP Conc.	Action Level	Limit Level	Observations / Remarks	Sampler ID	Filter ID
Date	Time	Date	Time		Initial	Final	Initial	Final	(hrs)	Initial	Final	Average	($\mu g/m^3$)	($\mu g/m^3$)	($\mu g/m^3$)			
5-Jan-11	16:00	6-Jan-11	16:00	Cloudy	2.8374	2.9927	18459.20	18483.20	24.00	1.19	1.19	1.19	91	192	260	Construction work in progress	1247	7916
11-Jan-11	16:00	12-Jan-11	16:00	Sunny	2.8824	3.0227	18486.20	18510.20	24.00	1.19	1.19	1.19	82	192	260	Construction work in progress	1247	7933
17-Jan-11	16:00	18-Jan-11	16:00	Sunny	2.8737	3.0210	18513.20	18537.20	24.00	1.19	1.19	1.19	86	192	260	Construction work in progress	1247	7950
22-Jan-11	16:00	23-Jan-11	16:00	Fine	2.8345	3.0021	18540.20	18564.20	24.00	1.19	1.19	1.19	98	192	260	Construction work in progress	1247	8022
28-Jan-11	16:00	29-Jan-11	16:00	Cloudy	2.8933	3.0359	18567.20	18591.20	24.00	1.19	1.19	1.19	83	192	260	Construction work in progress	1247	8039
												Min.	**82**					
												Max.	**98**					
												Average	**88**					

Meteorological Data Extracted from the Hong Kong Observatory

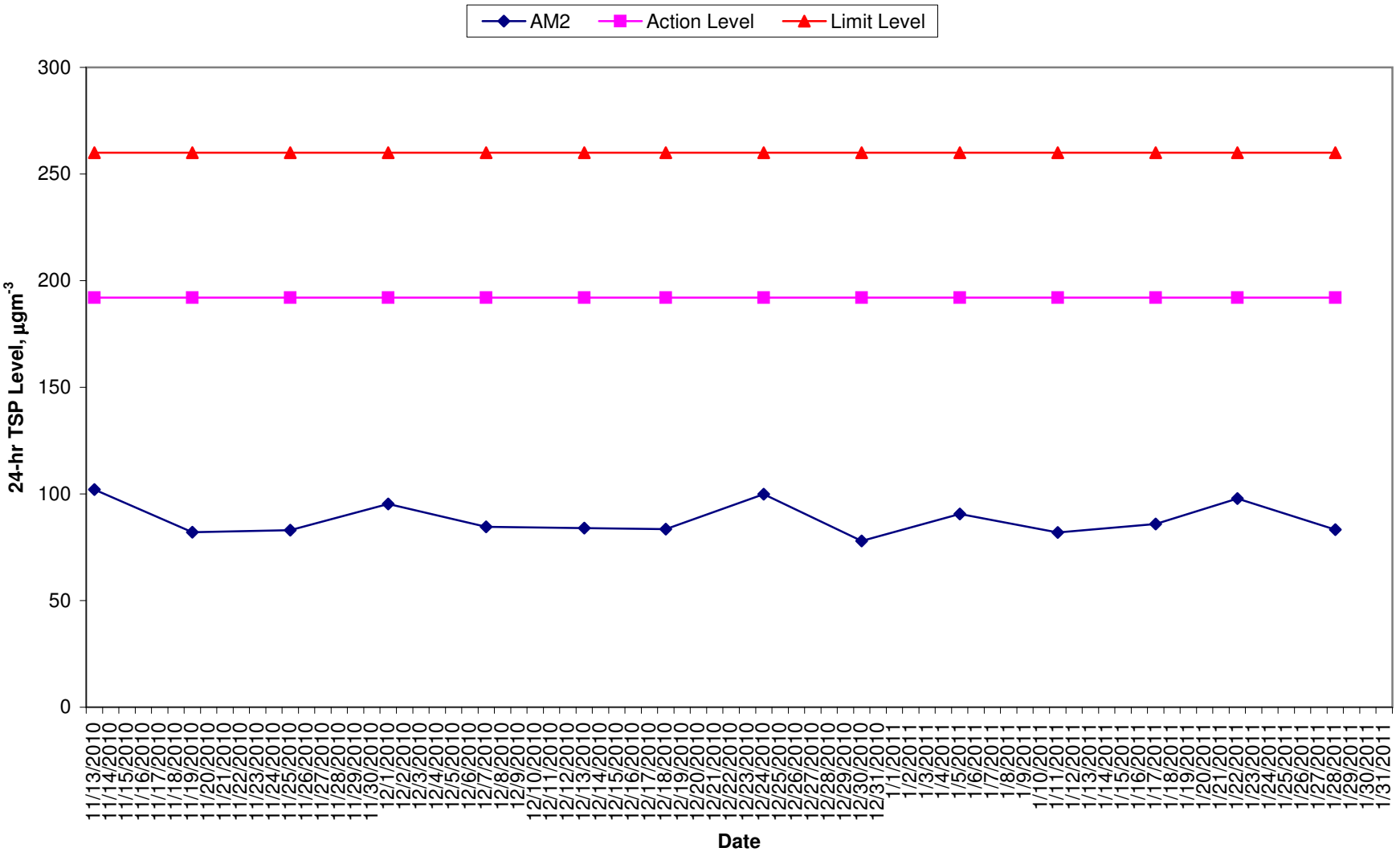
Date	Weather	Tuen Mun Station				
		Average Air Temperature (℃) *	Average Relative Humiditiy (%) *	Total Rainfall (mm) *	Average Wind Speed (km/h)	Wind Direction
1/5/2011	Sunny	15.7	77	Nil	0.6 - 3.6	N
1/6/2011	Sunny	14.2	69	Trace	0.5 - 5.3	N
1/11/2011	Sunny	11.2	61	Trace	1.1 - 5.3	N
1/12/2011	Sunny	8.8	88	4.2	0.7 - 4.7	NE
1/17/2011	Sunny	11.8	63	Nil	0.0 - 4.2	SE
1/18/2011	Sunny	14.3	72	Nil	0.0 - 3.5	NW
1/22/2011	Sunny	13.2	70	Nil	0.0 - 2.2	N
1/23/2011	Sunny	15.0	69	Nil	0.6 - 4.7	N
1/28/2011	Sunny	15.1	68	Nil	1.1 - 6.9	N
1/29/2011	Sunny	12.9	51	Nil	1.4 - 6.9	N

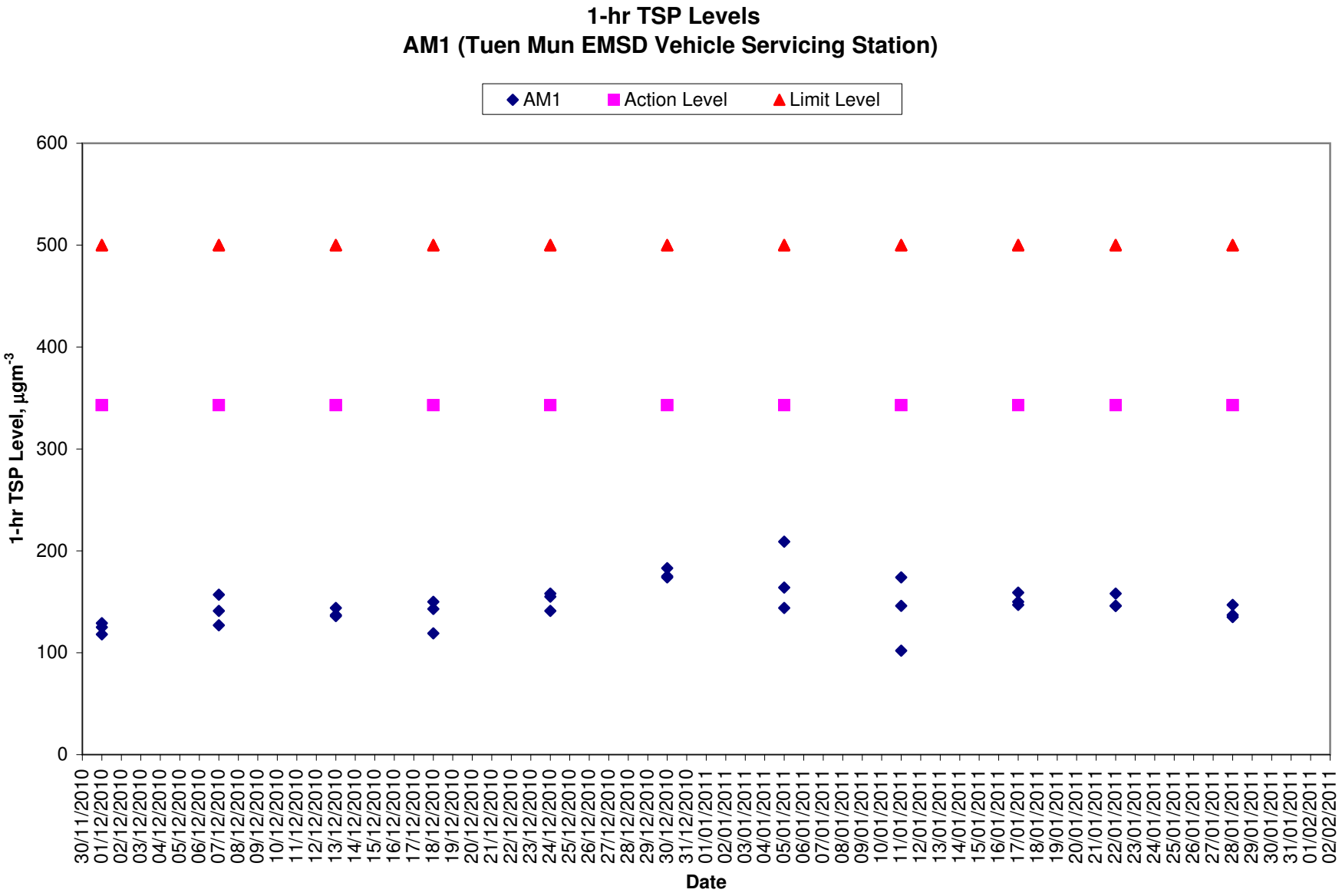
* - Daily data is retrieved from the Hong Kong Observatory as automatic data from Tuen Mun is not available by the due time of this report

24-hr TSP Levels
AM1 (Tuen Mun EMSD Vehicle Servicing Station)



24-hr TSP Levels
AM2 (River Trade Terminal Office)




1-hr TSP Levels
AM1 (Tuen Mun EMSD Vehicle Servicing Station)
AM1
Action Level
Limit Level
1-hr TSP Level, µgm-3
600
500
400
300
200
100
0
30/11/2010
01/12/2010
02/12/2010
03/12/2010
04/12/2010
05/12/2010
06/12/2010
07/12/2010
08/12/2010
09/12/2010
10/12/2010
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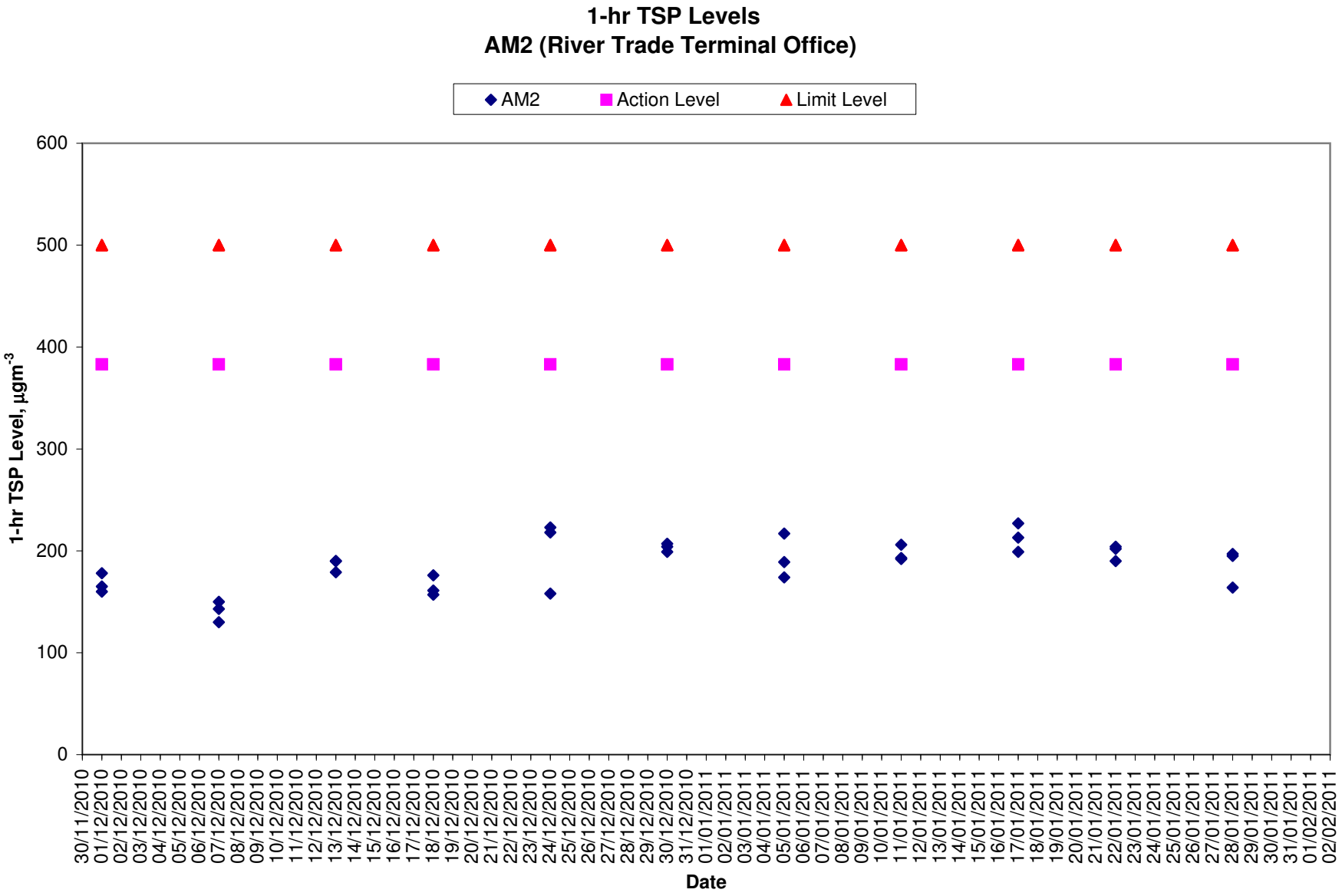
30/01/2011
31/01/2011
01/02/2011
02/02/2011
Date


1-hr TSP Levels
AM2 (River Trade Terminal Office)
AM2
Action Level
Limit Level
1-hr TSP Level, µgm-3
600
500
400
300
200
100
0
30/11/2010
01/12/2010
02/12/2010
03/12/2010
04/12/2010
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28/01/2011
29/01/2011
30/01/2011
31/01/2011
01/02/2011
02/02/2011
Date

Annex G

Calibration Reports for HVSs

TSP Monitoring Equipment

Monitoring Station ID	Location	Monitoring Equipment		Last Calibration Date	Next Calibration Date
24-hr and 1-hr TSP		**HVS**	**Calibrator**		
AM1	Tuen Mun EMSD Vehicle Servicing Station	GMW GS-2310 (S/N 7580)	CM-AIR-43 (S/N 9833620)	14 January 2011	14 March 2011
AM2	River Trade Terminal Office	GMW GS-2310 (S/N 1247)	CM-AIR-43 (S/N 9833620)	14 January 2011	14 March 2011

High-Volume TSP Sampler
5-Point Calibration Record

Location	:	EMSD(24 hr TSP)
Calibrated by	:	P.F.Yeung
Date	:	29/11/2010

Sampler

Model	:	GMWS-2310 ACCU-VOL
Serial Number	:	S/N 7580

Calibration Orfice and Standard Calibration Relationship

Serial Number	:	1785
Service Date	:	10 May 2010
Slope (m)	:	2.01637
Intercept (b)	:	-0.02316
Correlation Coefficient(r)	:	0.99996

Standard Condition

Pstd (hpa)	:	1013
Tstd (K)	:	298.18

Calibration Condition

Pa (hpa)	:	1011
Ta(K)	:	298

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.2	3.355	1.675	63	63.2
2	13 holes	9.8	3.138	1.568	58	58.1
3	10 holes	7.4	2.727	1.364	48	48.1
4	7 holes	5.2	2.286	1.145	38	38.1
5	5 holes	3.5	1.875	0.942	28	28.1

Sampler Calibration Relationship

Slope(m):47.735 Intercept(b): -16.789 Correlation Coefficient(r): 0.9999

Checked by: Magnum Fan Date: 03/12/2010

High-Volume TSP Sampler
5-Point Calibration Record

Location : River Trade
Calibrated by : K.T.Ho
Date : 29/11/2010

Sampler
Model : GMWS-2310 ACCU-VOL
Serial Number : S/N 1247

Calibration Orfice and Standard Calibration Relationship
Serial Number : 1785
Service Date : 10 May 2010
Slope (m) : 2.01637
Intercept (b) : -0.02316
Correlation Coefficient(r) : 0.99996

Standard Condition
Pstd (hpa) : 1013
Tstd (K) : 298.18

Calibration Condition
Pa (hpa) : 1011
Ta(K) : 298

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.4	3.384	1.690	61	61.1
2	13 holes	9.6	3.106	1.552	55	55.1
3	10 holes	7.6	2.764	1.382	48	48.1
4	7 holes	5.0	2.241	1.123	37	37.1
5	5 holes	3.2	1.793	0.901	28	28.1

Sampler Calibration Relationship

Slope(m):41.928 Intercept(b): 9.835 Correlation Coefficient(r): 0.9999

Checked by: Magnum Fan Date: 03/12/2010

High-Volume TSP Sampler
5-Point Calibration Record

Location : EMSD
Calibrated by : P.F.Yeung
Date : 14/01/2011

Sampler
Model : GMWS-2310 ACCU-VOL
Serial Number : S/N 7580

Calibration Orfice and Standard Calibration Relationship
Serial Number : 1785
Service Date : 10 May 2010
Slope (m) : 2.01637
Intercept (b) : -0.02316
Correlation Coefficient(r) : 0.99996

Standard Condition
Pstd (hpa) : 1013
Tstd (K) : 298.18

Calibration Condition
Pa (hpa) : 1020
Ta(K) : 289

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.8	3.349	1.672	52	53.0
2	13 holes	8.6	2.988	1.493	46	46.9
3	10 holes	6.5	2.598	1.300	40	40.8
4	7 holes	4.1	2.063	1.035	31	31.6
5	5 holes	2.5	1.611	0.811	24	24.5

Sampler Calibration Relationship

Slope(m):33.162 Intercept(b): -2.523 Correlation Coefficient(r): 0.9999

Checked by: Magnum Fan Date: 23/01/2011

High-Volume TSP Sampler
5-Point Calibration Record

Location : River Trade
Calibrated by : K.T.Ho
Date : 14/01/2011

Sampler
Model : GMWS-2310 ACCU-VOL
Serial Number : S/N 1247

Calibration Orfice and Standard Calibration Relationship
Serial Number : 1785
Service Date : 10 May 2010
Slope (m) : 2.01637
Intercept (b) : -0.02316
Correlation Coefficient(r) : 0.99996

Standard Condition
Pstd (hpa) : 1013
Tstd (K) : 298.18

Calibration Condition
Pa (hpa) : 1020
Ta(K) : 289

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.4	3.440	1.718	66	67.3
2	13 holes	9.4	3.124	1.561	58	59.1
3	10 holes	7.6	2.809	1.405	50	50.9
4	7 holes	4.7	2.209	1.107	35	35.7
5	5 holes	2.7	1.674	0.842	22	22.4

Sampler Calibration Relationship

Slope(m):51.232 Intercept(b): 20.879 Correlation Coefficient(r): 0.9999

Checked by: Magnum Fan Date: 23/01/2011

Annex H

Event/Action Plan for Air Quality Monitoring

Table H1 Event Action Plan for Air Quality Monitoring

Action Level/Limit Level	Environmental Team Leader (ETL)	Independent Environmental Checker (IEC)	Supervising Officer Representative (SOR)	Contractor
Action Level				
Exceedance for one sample	• Identify source, investigate the causes of complaint and propose remedial measures; • Inform IEC and SOR; • Repeat measurement to confirm findings; • Increase monitoring frequency to daily.	• Check monitoring data submitted by ET; • Check Contractor's working method.	• Notify Contractor and DSD.	• Rectify any unacceptable practice; • Amend working methods if appropriate.
Exceedance for two or more consecutive samples	• Identify source; • Inform IEC and SOR; • Advise the SOR on the effectiveness of the proposed remedial measures; • Repeat measurements to confirm findings; • Increase monitoring frequency to daily; • Discuss with IEC and Contractor on remedial actions required; • If exceedance continues, arrange meeting with IEC and SOR; • If exceedance stops, cease additional monitoring.	• Check monitoring data submitted by ET; • Check Contractor's working method; • Discuss with ET and Contractor on possible remedial measures; • Advise the ET on the effectiveness of the proposed remedial measures; • Supervise Implementation of remedial measures.	• Confirm receipt of notification of exceedance in writing; • Notify Contractor and DSD; • Ensure remedial measures properly implemented.	• Submit proposals for remedial actions to IEC within three working days of notification; • Implement the agreed proposals; • Amend proposal if appropriate.

Action Level/Limit Level	Environmental Team Leader (ETL)	Independent Environmental Checker (IEC)	Supervising Officer Representative (SOR)	Contractor
Limit Level				
Exceedance for one sample	• Identify source, investigate the causes of exceedance and propose remedial measures; • Inform IEC, SOR, DSD and EPD; • Repeat measurement to confirm finding; • Increase monitoring frequency to daily; • Assess effectiveness of Contractor's remedial actions and keep IEC, EPD, DSD and SOR informed of the results.	• Check monitoring data submitted by ET; • Check Contractor's working method; • Discuss with ET and Contractor on possible remedial measures; • Advise the SOR on the effectiveness of the proposed remedial measures; • Supervise implementation of remedial measures.	• Confirm receipt of notification of exceedance in writing; • Notify Contractor; • Ensure remedial measures properly implemented.	• Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within three working days of notification; • Implement the agreed proposals; • Amend proposal if appropriate.
Exceedance for two or more consecutive samples	• Notify IEC, SOR, DSD and EPD; • Identify source; • Repeat measurement to confirm findings; • Increase monitoring frequency to daily; • Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; • Arrange meeting with IEC and SOR to discuss the remedial actions to be taken; • Assess effectiveness of Contractor's remedial actions and keep IEC, EPD, DSD and SOR informed of the results; • If exceedance stops, cease additional monitoring.	• Discuss amongst SOR, ET, and Contractor on the potential remedial actions; • Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the SOR accordingly; • Supervise the implementation of remedial measures.	• Confirm receipt of notification of exceedance in writing; • Notify Contractor; • In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; • Ensure remedial measures properly implemented; • If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	• Take immediate action to avoid further exceedance; • Submit proposals for remedial actions to IEC within three working days of notification; • Implement the agreed proposals; • Resubmit proposals if problem still not under control; • Stop the relevant portion of works as determined by the SOR until the exceedance is abated.

Annex I

Implementation Schedule of Mitigation Measures

Annex I Summary of Mitigation Measures Implementation Schedule

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Summary of Environmental Mitigation Measures in the EIA and EM&A Manual			
Construction Phase			
Air Quality	Dust mitigation measures stipulated in *the Air Pollution Control (Construction Dust) Regulation* shall be incorporated to control Post emission. Notice shall be given to authority prior to commencing of work.	Work sites / during construction period	Δ. Notice of works commencement was submitted to EPD on 3 August 2010.
Water Quality	The practices outlined in ProPECC PN 1/94 Construction Site Drainage should be adopted. It is recommended to install perimeter channels in the works areas to intercept runoff as site boundary prior to the commencement of any earthwork. To prevent storm runoff from washing across exposed soil surfaces, intercepting channels should be provided. Drainage channels are also required to convey site runoff to sand/silt traps and oil interceptors. Provision of regular cleaning and maintenance can ensure the normal operation of these facilities throughout the construction period. Any practical options for the diversion and re-alignment of drainage should comply with both engineering and environmental requirements in order to ensure adequate hydraulic capacity of all drains.	Work site/During the construction period	Δ
Water Quality	There is a need to apply to EPD for a discharge license under the WPCO for discharging effluent from the construction site. The discharge quality is required to meet the requirements specified in the discharge license. All the runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. Reuse and recycling of the treated effluent can minimize water consumption and reduce the effluent discharge volume. The beneficial uses of the treated effluent may include dust suppression, wheel washing and general cleaning. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the WPCO license which is under the ambit of regional office (RO) of EPD.	Work site/During the construction period	Δ. Discharge licence was awarded by EPD on 7 December 2010.
Water Quality	The construction programme should be properly planned to minimize soil excavation, if any, in rainy seasons. This prevents soil erosion from	Work site/During the construction period	Δ

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	exposed soil surfaces. Any exposed soil surfaces should also be properly protected to minimize dust emission. In areas where a large amount of exposed soil exists, earth bunds or sand bags should be provided. Exposed stockpiles should be covered with tarpaulin or impervious sheets at all times. The stockpiles of materials should be placed at locations away from any stream course so as to avoid releasing materials into the water bodies. Final surfaces of earthworks should be compacted and protected by permanent work. It is suggested that haul roads should be paved with concrete and the temporary access roads protected using crashed stone or gravel, wherever practicable. Wheel washing facilities should be provided at all site exists to ensure that earth, mud and debris would not be carried out of the works areas by vehicles.		
Water Quality	Good sites practices should be adopted to clean the rubbish and litter on the construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis.	Work site/During the construction period	√
Water Quality	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 water collector should be deployed to clean the chemical toilets on a regular basis. The construction workers can also make use of the existing toilet facilities within the PPSTW as necessary.	Work site/During the construction period	√
Water Quality	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 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/During the construction period	√
Waste Management	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	Work site/During the construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	should be observed and complied with for control of chemical wastes.		
Waste Management	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and stumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	Work site/During the construction period	√
Waste Management	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 the chemical wastes. General requirements are given as follows: • 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 labelled, 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.	Work site/During the construction period	Δ
Waste Management	*Good Site Practices* Recommendations for good site practices during the construction activities include: • Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site • Training of site personnel in proper waste management and chemical handling procedures • Provision of sufficient waste disposal points and regular collection of waste • Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers	Work site/During the construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	• Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. • Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Facility.		
Waste Management	*Waste Reduction Measures* 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: • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal. • Encourage collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the work force • Proper storage and site practices to minimise the potential for damage or contamination of construction materials. • Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	Work site/During planning & design stage, and construction stage	√
Waste Management	*General Refuse* General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable 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.	Work site / During the construction period	√
Waste Management	*Construction and Demolition Material* In order to minimise the impact resulting from collection and transportation of C&D material for off-site disposal, the excavated material generated from site formation works for the proposed new	Work site / During design stage & construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	facilities and units at the STW should be reused on-site as far as practicable. The surplus excavated material should be disposed of at the designated public fill reception facility, as agreed with the Secretary of the Public Fill Committee, for other beneficial uses.		
Waste Management	Mitigation measures and good site practices should be followed to control potential environmental impact from handling and transportation of C&D material. The mitigation measures include: • Where it is unavoidable to have transient stockpiles of C&D material pending collection for disposal, the transient stockpiles shall be located away from waterfront or storm drains as far as possible. • Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric. • Skip hoist for material transport should be totally enclosed by impervious sheeting. • Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site • The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores. • The load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure dust materials do not leak from the vehicle. • All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet. • The height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading.	Work site / During design stage & construction period	Δ
Waste Management	When disposing C&D material at a public filling facility, it shall be noted that the material shall only consist of earth, building debris and broken rock and concrete. The material shall be free from marine mud, household refuse, plastic, metals, industrial and chemical waste, animal and vegetable matter, and other material considered to be unsuitable by	Work site/During design stage & construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	the Filling Supervisor. In order to monitor the disposal of the surplus C&D material at the designed public fill reception facility and to control fly tipping, a trip-ticket system should be included as one of the contractual requirements and implemented by an Environmental Team undertaking the Environmental Monitoring and Audit work with reference to the ETWB TCW No. 31/2004 "Trip Ticket System for Disposal of Construction and Demolition Materials" as attached in Appendix 7-1. An Independent Environmental Checker should be responsible for auditing the results of the system.		
Waste Management	*Chemical Waste* If chemical wastes are produced at the construction site, the Contractor would be required to register with the 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, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the Chemical Waste Treatment Centre, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	Work site / During the construction period	Δ
Landscape & Visual	<u>Temporary Tree Nurseries</u> Temporary tree nurseries may be set up for the transplanted tree and proposed trees at an early stage to allow small trees to grow during the construction periods. By the time when planting area becomes available, trees mature and increase in trunk & spread size. They will require minimal pruning and suffer much less damage during transplanting when comparing the travel distance from an on-site nursery to an off-site nursery. Besides, these trees may also be positioned as visual mitigation during the construction period.	Work site/During design stage & construction period	√. A tree nursery has been set up off-site near the site office.

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Landscape & Visual	No-intrusion Zone To maximize protection to existing trees and ground vegetation, construction contracts may designate "No-intrusion Zone" to various areas within the site boundary with rigid and durable fencing for each individual no-intrusion zone. The contractor should close monitor and restrict the site working staff not to enter the "no-intrusion zone", even for non-direct construction activities and storage of equipment.	Work site/During design stage & construction period	Δ
Landscape & Visual	Hoarding Hoarding or boundary fencing for construction shall be considered. It should be sensitively designed, subtle, camouflaged and more 'permeable' so that they fit into the existing environment when looking from outside.	Work site/During design stage & construction period	√
Landscape & Visual	Dust and Erosion Control for Exposed Soil Excavation works and demolition of existing building blocks and which will be highly visible form surrounding areas should be well planned and with precautions to suppress dust. Exposed soil shall be covered or 'camouflaged' and watered often. Areas that are expected to be left with bare soil for a long period of time after excavation shall be properly covered with suitable protective fabric. Silt and erosion shall be controlled by ground barriers around the slope cutting area..	Work site/During design stage & construction period	√
Landscape & Visual	Existing Tree Record Inventory All retained trees should be record photographically at the commencement of the Contract, and carefully protected during the construction period. Detailed tree protection specification shall be allowed and included in the Contract Specification, which specifying the tree protection requirement, submission and approval system, and the tree monitoring system.	Work site/During design stage & construction period	√
Landscape &	Construction Light	Work site / During design stage & construction	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Visual	All security floodlights for construction sites shall be equipped with adjustable shield, frosted diffusers and reflective covers, and be carefully controlled to minimize light pollution and night-time glare to nearby residences and GIC users. The Contractor shall consider other security measures which shall minimize the visual impacts.	period	
Landscape & Visual	Tree Transplanting Apart from the 18 numbers of "*Leucaena leucocephala*", which are proposed to be felled in accordance with ETWB TCW No. 3/2006, all the affected trees shall be transplanted. Where practicable, trees shall be directly transplanted to permanent on-site locations. The location of the transplanted tree is shown in **Figure 8.9.1**.	Work site / During design stage & construction period	Δ. Tree transplantation in progress.
Landscape & Visual	Tree Compensation Ratio The total number of compensatory trees planted in the project area shall not be less than 1:1 ratios by new trees. Required numbers and locations of compensatory trees shall be determined and agreed with Government during the tree felling application process under ETWCTC 3/2006. Compensatory trees shall be at least heavy standard size to create "immediate" greening effect. 81 numbers of "*Cassia surattensis*" will be provided as the additional compensatory planting for loss of greenery in the area due to removal of the affected trees. The location of the additional compensatory planting is shown in **Figure 8.9.1**.	Work site / During design stage & construction period	N/A
Landscape & Visual	Re-use of Existing Soil and Advance formation of Planting Area Existing topsoil shall be re-used where possible for new planting areas within the project. Advance formation of planting area and early implementation of the plating works can minimize adverse impact on trees. The construction program shall consider using the soil removed from one phase for backfilling another. Suitable storage ground, gathering ground and mixing ground may be set up on-site as necessary.	Work site / During design stage & construction period	√
Landscape &	Establishment Period	Work site/During operation period	N/A. To be implemented during

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Visual	12 month establishment period for the soft landscape works will be allowed in the main contract. Most construction contracts in Hong Kong require the Contractor to carry out routine horticultural operations, including watering, pruning, weeding, pest control, replacement of dead plants etc. to ensure healthy establishment of new planting during a 12 month establishment period. This period also serves as a kind of warranty / guarantee on the quality of the plants supplied and installed by the Contractor. Monthly monitoring during the first year of establishment period is recommended.		operation phase of Project.
Landscape & Visual	<u>Re-instatement of excavated Area</u> All excavated area and disturbed area for utilities diversion, temporary road diversion, and pipeline woks will be reinstated to former conditions, subject to applicable Government Standards.	Work site / During design stage & operation period	N/A. To be implemented during operation phase of Project.
Landscape & Visual	<u>Appearance and Greening for the proposed structures</u> Compatible design, construction materials and surface finishes of the proposed structure should match with the nearby existing external appearance of PPSTW buildings for achieving visual uniformity. Finishing materials shall have due consideration to form, basic color, color/tone variation, micro-and macro-texture, and reflectivity/light absorbance to avoid glare. Planting, such as turf, low groundcovers and climbers, may also be planted on top of these elements to provide greening and aesthetic effect.	Work site / During design stage & operation period	N/A. To be implemented during operation phase of Project.
Summary of Key Environmental Mitigation Measures in Contract Requirements			
Air Quality	Only Ultra-low-sulphur diesel (ULSD) should be used for all diesel-operated plants and equipments on site	Work sites / during construction period	√
Air Quality and Noise	Plants and equipments of good operation conditions should be used on site.	Work sites / during construction period	√
Noise	No diesel hammers should be used for piling works	Work sites / during construction period	√
Noise	Construction Noise Permits (CNP) should be applied for works conducted outside non-restricted hours.	Work sites / during construction period	√
Noise	Quiet construction equipments and the quietest practicable working methodologies should be adopted for works whenever feasible. Noise	Work sites / during construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	labels should be provided for air compressors. Hoods and cover panels of generators and air compressors should be closed during operation. Noise labels should be provided for air compressors and hand-held percussive breakers.		
Waste Management	Temporary works construction on site should minimize the use of timber to reduce the quantity of C&D waste generated during works period.	Work sites / during construction period	√
Landscape and Visual	Retained or to-be-transplanted trees on site should be properly protected from physical damages and soil compacts with temporary fencing or hessian armouring whenever feasible.	Work sites / during construction period	Δ

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 ATAL-Degrémont-China State JV
Δ Deficiency of Mitigation Measures but rectified by ATAL-Degrémont-China State JV
N/A Not Applicable in Reporting Period

Annex J

Waste Flow Table

Contract No. : DC/2008/03 - Design, Build and Operate Pillar Point Sewage Treatment Works

Monthly Summary Waste Flow Table

Month	Actual Quantities of Inert C&D Materials (Public Fill) Generated					Actual Quantities of Non-inert C&D Materials (Construction Waste) Generated				
	Total Quantity Generated	Rocks & Broken Concrete	Reused in the Contract	Reused in other Projects	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
	tonne	tonne	tonne	tonne	tonne	kilogram	kilogram	kilogram	kilogram	kilogram
Nov 2010	2,248	0	0	0	2,248	60	100	0	0	0
Dec 2010	9,316	0	0	0	9316	100	120	20	0	0
Jan 2011	35,395	0	0	0	35,395	250	280	60	0	0 (see Note 3)
Total	46,959	0	0	0	46,959	410	500	80	0	0

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 WENT by subcontractors. No record of general refuse disposal in the reporting period is available for waste quantity estimation.

Annex K

Environmental Complaint, Environmental Summons and Persecution Log

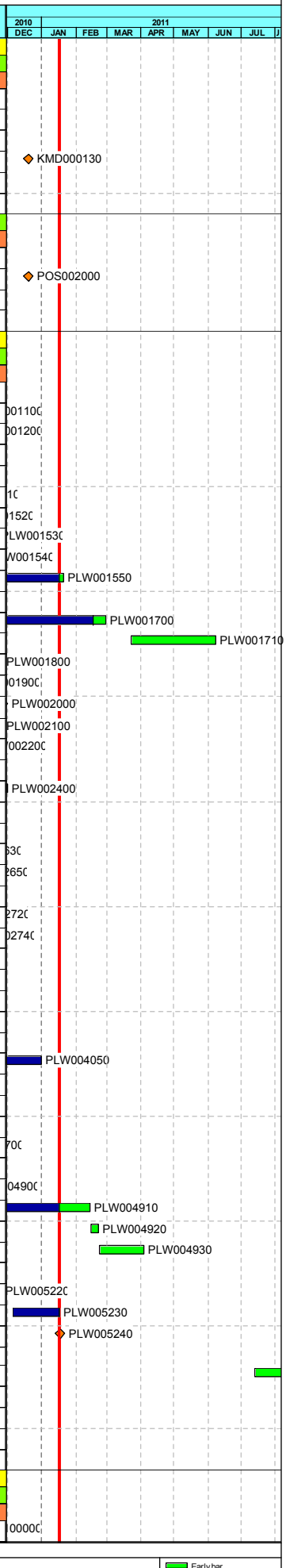
Annex K Cumulative Complaint and Summons/Prosecutions Log

Reporting Month	Number of Complaints in Reporting Month	Number of Summons/Prosecutions in Reporting Month
November 2010	0	0
December 2010	0	0
January 2011	0	0
Overall Total	0	0

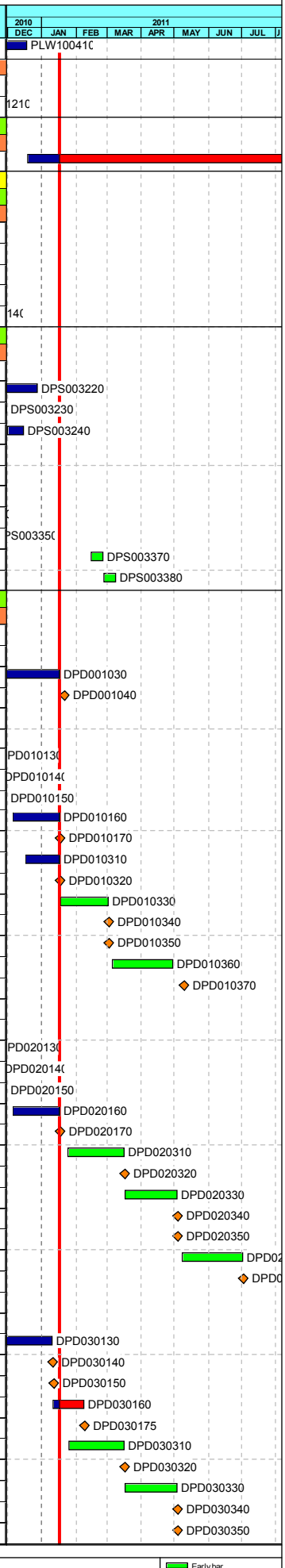
Annex L

Construction Programme of the Project

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
Key Date								
Commencement and Completion of Works								
Contract Dates								
KMD000100	Letter of Acceptance	0	2	14JUL2010 A			14JUL2010 A	
KMD000110	Commencement of the Design & Construction Works	0	2	28JUL2010 A			28JUL2010 A	
KMD000120	Completion of Design and Construction Works	0	2		25NOV2013	0		25NOV2013 *
KMD000130	Commence Interim Operation of Extg Facilities	0	2	20DEC2010 A			20DEC2010 A	
KMD000140	Completion of Interim Operation	0	2		25NOV2013 *	0		25NOV2013
KMD000150	Commencement of Operation of Facilities	0	2	26NOV2013 *		0	26NOV2013	
Possession of Stie								
Contract Dates								
POS001000	Portion T1 and T2 (Latest 30 days)	0	2	28JUL2010 A			28JUL2010 A	
POS002000	Portion P1 (145 days Latest 152 days)	0	2	20DEC2010 A			20DEC2010 A	
POS003000	Portion P2 (Latest 30 days)	0	2	28JUL2010 A			28JUL2010 A	
POS004000	Portion P3 (Latest 455 days)	0	2	26OCT2011		0	26OCT2011 *	
Preliminaries								
General Requirements								
Contract Preliminaries								
PLW001000	Initial Site Survey / Identify Extg Utilities	35	2	28JUL2010 A	31AUG2010 A		28JUL2010 A	31AUG2010 A
PLW001100	Project Sign Board at Portion T1 & T2	30	2	12SEP2010 A	01NOV2010 A		12SEP2010 A	01NOV2010 A
PLW001200	Project Sign Board at Portion P2	30	2	12SEP2010 A	01NOV2010 A		12SEP2010 A	01NOV2010 A
PLW001300	Site Establishment	30	2	13AUG2010 A	11SEP2010 A		13AUG2010 A	11SEP2010 A
PLW001400	Fencing , Gate & Lighting	30	2	27AUG2010 A	25SEP2010 A		27AUG2010 A	25SEP2010 A
PLW001510	Condition Survey Plan - Submission	30	2	02OCT2010 A	11OCT2010 A		02OCT2010 A	11OCT2010 A
PLW001520	Conditional Survey Plan - Approval	40	2	12OCT2010 A	24OCT2010 A		12OCT2010 A	24OCT2010 A
PLW001530	Conditional Survey - Civil and Struct	20	1	25OCT2010 A	21NOV2010 A		25OCT2010 A	21NOV2010 A
PLW001540	Conditional Survey - E&M	20	1	25OCT2010 A	12NOV2010 A		25OCT2010 A	12NOV2010 A
PLW001550	Conditional Survey - Civil	14	2	22NOV2010 A	21JAN2011	88d	22NOV2010 A	19APR2011
PLW001600	Gen Condition & Tree Survey	50	2	28JUL2010 A	15SEP2010 A		28JUL2010 A	15SEP2010 A
PLW001700	Tree Transplant According to Ref Drg	95	2	05NOV2010 A	28FEB2011	46d	05NOV2010 A	15APR2011
PLW001710	Other Tree Transplant (not Included in Ref Drg)	60	1	23MAR2011	08JUN2011	107d	04AUG2011	15OCT2011
PLW001800	Supervising Officer's Site Office	60	2	21AUG2010 A	26NOV2010 A		21AUG2010 A	26NOV2010 A
PLW001900	Contractor's Works Area at T1 & Accommodation	60	2	02AUG2010 A	30OCT2010 A		02AUG2010 A	30OCT2010 A
PLW002000	Provide Survey Equipment & Computer Facilities	0	2		26NOV2010 A			26NOV2010 A
PLW002100	Employee Compensation / Third Party Insurance	30	2	14JUL2010 A	26NOV2010 A		14JUL2010 A	26NOV2010 A
PLW002200	Works Insurance	30	2	14JUL2010 A	05NOV2010 A		14JUL2010 A	05NOV2010 A
PLW002300	Performance Security	30	2	14JUL2010 A	12AUG2010 A		14JUL2010 A	12AUG2010 A
PLW002400	Professional Indemnity Insurance	60	2	14JUL2010 A	01DEC2010 A		14JUL2010 A	01DEC2010 A
PLW002500	List of Staff of Management Team	14	2	14JUL2010 A	27JUL2010 A		14JUL2010 A	27JUL2010 A
PLW002600	Draft Safety Plan	28	2	14JUL2010 A	10AUG2010 A		14JUL2010 A	10AUG2010 A
PLW002630	Draft Safety Plan Approval	40	2	11AUG2010 A	14OCT2010 A		11AUG2010 A	14OCT2010 A
PLW002650	Finalize Safety Plan	35	2	20SEP2010 A	20OCT2010 A		20SEP2010 A	20OCT2010 A
PLW002700	Draft Environmental Management Plan	30	2	14JUL2010 A	12AUG2010 A		14JUL2010 A	12AUG2010 A
PLW002720	Draft Environmental Management Plan Approval	40	2	13AUG2010 A	21OCT2010 A		13AUG2010 A	21OCT2010 A
PLW002740	Finalize Environmental Management Plan	35	2	22SEP2010 A	26OCT2010 A		22SEP2010 A	26OCT2010 A
PLW002760	Establish Environmental Team	30	2	28JUL2010 A	26AUG2010 A		28JUL2010 A	26AUG2010 A
PLW002800	Initial Works Programme	55	2	14JUL2010 A	06SEP2010 A		14JUL2010 A	06SEP2010 A
PLW002840	Detail Programme	14	2	07SEP2010 A	20SEP2010 A		07SEP2010 A	20SEP2010 A
PLW002860	First Three Month Programme	14	2	31JUL2010 A	13AUG2010 A		31JUL2010 A	13AUG2010 A
PLW002900	Subcontractor Management Plan	36	2	14JUL2010 A	18AUG2010 A		14JUL2010 A	18AUG2010 A
PLW004050	Appoint Competent Person for Tree Works	100	2	28JUL2010 A	01JAN2011 A		28JUL2010 A	01JAN2011 A
PLW004400	Submit Proposed Professional Photographer	21	2	30JUL2010 A	19AUG2010 A		30JUL2010 A	19AUG2010 A
PLW004600	Nominate Contractor Labour Officer	7	2	28JUL2010 A	03AUG2010 A		28JUL2010 A	03AUG2010 A
PLW004650	Submission of Works Area Layout at T1	14	2	05AUG2010 A	20AUG2010 A		05AUG2010 A	20AUG2010 A
PLW004700	Submit Method to Measure Incoming Raw Sewage	42	2	15SEP2010 A	15OCT2010 A		15SEP2010 A	15OCT2010 A
PLW004800	Nomination of AP / Registered Struct Engineer	28	2	28JUL2010 A	24AUG2010 A		28JUL2010 A	24AUG2010 A
PLW004900	Baseline monitoring	36	2	21SEP2010 A	29OCT2010 A		21SEP2010 A	29OCT2010 A
PLW004910	XP Application for Temp Access to P2	75	1	29NOV2010 A	14FEB2011	20d	29NOV2010 A	09MAR2011
PLW004920	Apply Roadwork Advice	6	1	15FEB2011	21FEB2011	20d	10MAR2011	16MAR2011
PLW004930	Construct Site Access to P2	36	1	22FEB2011	04APR2011	20d	17MAR2011	03MAY2011
PLW005210	Commissioning Plan - AIP 21 Submission	60	2	01SEP2010 A	29SEP2010 A		01SEP2010 A	29SEP2010 A
PLW005220	Commissioning Plan - AIP 21 DC Check	14	3	30SEP2010 A	25NOV2010 A		30SEP2010 A	25NOV2010 A
PLW005230	Commissioning Plan - AIP 21 - SO Rew & Appr	28	2	06DEC2010 A	17JAN2011	187d	06DEC2010 A	23JUL2011
PLW005240	Commissioning Plan - Approved	0	2		17JAN2011	187d		23JUL2011
PLW005260	Notice of Commissioning Test (14 day advance)	0	2	01FEB2013		0	01FEB2013	
PLW005310	Operation Plan - Submission	66	2	14JUL2011	17SEP2011	136d	27NOV2011	31JAN2012
PLW005320	Operation Plan - Approval	90	2	18SEP2011	16DEC2011	468d	29DEC2012	28MAR2013
PLW005400	Arrange Payment of Wage to Site Personnel Record	14	2	28JUL2010 A	10AUG2010 A		28JUL2010 A	10AUG2010 A
PLW006100	O&M Manual for the Upgrade Works	90	2	23APR2013	21JUL2013	97d	29JUL2013	26OCT2013
PLW006200	As-built Drawing for Upgrade Works	90	2	23MAY2013	20AUG2013	97d	28AUG2013	25NOV2013
Interim Operation								
Submission and Consent								
Contract Preliminaries								
PLW100000	Interim Operation Plan	42	2	27AUG2010 A	31OCT2010 A		27AUG2010 A	31OCT2010 A



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
PLW100410	Approval of Interim Operation Plan	28	2	25SEP2010 A	18DEC2010 A		25SEP2010 A	18DEC2010 A
Temporary Weighbridge								
DPA001200	Propose Using Existing Weighbridge	7	1	12AUG2010 A	19AUG2010 A		12AUG2010 A	19AUG2010 A
DPA001210	Consent Granted for Using Existing Weighbridge	60	1	20AUG2010 A	22OCT2010 A		20AUG2010 A	22OCT2010 A
Interim Operation of Existing Plant								
Interim Operation of Plant								
IP0000060	Interim Operation of Existing Plant	1072	2	19DEC2010 A	25NOV2013	0	19DEC2010 A	25NOV2013
Design and Design Checking of Permanent Works								
Key Milestone								
Submission and Approval								
DPG000100	Appoint Person to Execute the Plan	0	2	28JUL2010 A			28JUL2010 A	
DPG000120	Commencement of Design	0	2	28JUL2010 A			28JUL2010 A	
DPG000125	Appointment of Designer	0	2		05SEP2010 A			05SEP2010 A
DPG000130	Appointment of Design Checker	0	2		05SEP2010 A			05SEP2010 A
DPG000140	Submission of Executed Agreement & Warranty	14	2	04OCT2010 A	17OCT2010 A		04OCT2010 A	17OCT2010 A
Survey								
Submission and Approval								
DPS003210	Site Inspection / Review of Condition Reports	30	2	28JUL2010 A	26AUG2010 A		28JUL2010 A	26AUG2010 A
DPS003220	Appraisal, Proposal and Asset Management Risk	30	2	29NOV2010 A	28DEC2010 A		29NOV2010 A	28DEC2010 A
DPS003230	Asset Management Plan Interim Operation	15	2	12SEP2010 A	30NOV2010 A		12SEP2010 A	30NOV2010 A
DPS003240	Asset Management Plan Final Operation	15	2	01DEC2010 A	15DEC2010 A		01DEC2010 A	15DEC2010 A
DPS003310	Mobilization	10	2	28JUL2010 A	06AUG2010 A		28JUL2010 A	06AUG2010 A
DPS003320	Ground Investigation	24	2	07AUG2010 A	30AUG2010 A		07AUG2010 A	30AUG2010 A
DPS003330	Draft Ground Investigation Report	15	2	31AUG2010 A	14SEP2010 A		31AUG2010 A	14SEP2010 A
DPS003340	Final Ground Investigation Report	30	2	15SEP2010 A	05OCT2010 A		15SEP2010 A	05OCT2010 A
DPS003350	Laboratory Test and Report	50	2	15SEP2010 A	15NOV2010 A		15SEP2010 A	15NOV2010 A
DPS003370	Remaining Ground Investigation	10	1	15FEB2011	25FEB2011	113d	06JUL2011	16JUL2011
DPS003380	Report for Remaining Ground Investigation	10	1	26FEB2011	09MAR2011	113d	18JUL2011	28JUL2011
Submission and Consent								
Submission and Approval								
DPD001010	Design Plan: Preparation	38	2	14JUL2010 A	20AUG2010 A		14JUL2010 A	20AUG2010 A
DPD001020	Design Plan: Submit to SO	0	2		20AUG2010 A			20AUG2010 A
DPD001030	Review and Approval of Design Plan	50	2	21AUG2010 A	17JAN2011	0	21AUG2010 A	17JAN2011
DPD001040	Approval Granted on Design Plan	0	2		21JAN2011	0		21JAN2011
DPD010110	AIP1: Design Memorandum Submission	28	2	28JUL2010 A	31AUG2010 A		28JUL2010 A	31AUG2010 A
DPD010120	AIP1: Design Memorandum - Submit to DC	0	2		31AUG2010 A			31AUG2010 A
DPD010130	AIP1: Design Memorandum - DC Checking	14	3	01SEP2010 A	19NOV2010 A		01SEP2010 A	19NOV2010 A
DPD010140	AIP1: Design Memorandum - DC Cert	0	2		19NOV2010 A			19NOV2010 A
DPD010150	AIP1: Design Memorandum - submit to SO	0	2		25NOV2010 A			25NOV2010 A
DPD010160	AIP1: Design Memorandum - SO review	28	2	06DEC2010 A	17JAN2011	35d	06DEC2010 A	21FEB2011
DPD010170	AIP1: Design Memorandum - SO Approval	0	2		17JAN2011	35d		21FEB2011
DPD010310	DDA1: Design Memorandum- prep. Submission	40	2	17DEC2010 A	17JAN2011	65d	17DEC2010 A	23MAR2011
DPD010320	DDA1: Design Memorandum - Submit to DC	0	2		17JAN2011	65d		23MAR2011
DPD010330	DDA1: Design Memorandum - DC Checking	30	3	18JAN2011	02MAR2011	45d	24MAR2011	11MAY2011
DPD010340	DDA1: Design Memorandum - DC Cert	0	2		02MAR2011	70d		11MAY2011
DPD010350	DDA1: Design Memorandum - submit to SO	0	2	03MAR2011		70d	12MAY2011	
DPD010360	DDA1: Design Memorandum - SO review	56	2	06MAR2011	30APR2011	70d	15MAY2011	09JUL2011
DPD010370	DDA1: Design Memorandum - SO Approval	0	2		09MAY2011	61d		09JUL2011
DPD020110	AIP2: Process Design - Submission	30	2	08AUG2010 A	21SEP2010 A		08AUG2010 A	21SEP2010 A
DPD020120	AIP2: Process Design - Submit to DC	0	2		31AUG2010 A			31AUG2010 A
DPD020130	AIP2: Process Design - DC Checking	14	3	01SEP2010 A	19NOV2010 A		01SEP2010 A	19NOV2010 A
DPD020140	AIP2: Process Design -DC Cert	0	2		19NOV2010 A			19NOV2010 A
DPD020150	AIP2: Process Design - submit to SO	0	2		25NOV2010 A			25NOV2010 A
DPD020160	AIP2: Process Design - SO review	28	2	06DEC2010 A	17JAN2011	20d	06DEC2010 A	06FEB2011
DPD020170	AIP2: Process Design: SO Grant Consent	0	2		17JAN2011	20d		06FEB2011
DPD020310	DDA2: Process Design- prep. Submission	40	2	25JAN2011 A	17MAR2011	6d	25JAN2011 A	23MAR2011
DPD020320	DDA2: Process Design- Submit to DC	0	2		17MAR2011	6d		23MAR2011
DPD020330	DDA2: Process Design- DC Checking	30	3	18MAR2011	04MAY2011	4d	24MAR2011	11MAY2011
DPD020340	DDA2: Process Design- DC Cert	0	2		04MAY2011	7d		11MAY2011
DPD020350	DDA2: Process Design- submit to SO	0	2	05MAY2011		7d	12MAY2011	
DPD020360	DDA2: Process Design- SO review	56	2	08MAY2011	02JUL2011	7d	15MAY2011	09JUL2011
DPD020370	DDA2: Process Design- SO Approval	0	2		02JUL2011	7d		09JUL2011
DPD030110	AIP3: Hydraulic Design Submission	30	2	08AUG2010 A	08SEP2010 A		08AUG2010 A	08SEP2010 A
DPD030120	AIP3: Hydraulic Design - Submit to DC	0	2		09SEP2010 A			09SEP2010 A
DPD030130	AIP3: Hydraulic Design - DC Checking	14	3	09SEP2010 A	10JAN2011 A		09SEP2010 A	10JAN2011 A
DPD030140	AIP3: Hydraulic Design - DC Cert	0	2		10JAN2011 A			10JAN2011 A
DPD030150	AIP3: Hydraulic Design - submit to SO	0	2		11JAN2011 A			11JAN2011 A
DPD030160	AIP3: Hydraulic Design - SO review	28	2	11JAN2011 A	08FEB2011	0	11JAN2011 A	08FEB2011
DPD030175	AIP3: Hydraulic Design- SO Grant Consent	0	2		08FEB2011	0		08FEB2011
DPD030310	DDA3: Hydraulic Design- prep. Submission	60	2	26JAN2011 A	17MAR2011	23d	26JAN2011 A	09APR2011
DPD030320	DDA3: Hydraulic Design- Submit to DC	0	2		17MAR2011	116d		11JUL2011
DPD030330	DDA3: Hydraulic Design- DC Checking	30	3	18MAR2011	04MAY2011	75d	12JUL2011	22AUG2011
DPD030340	DDA3: Hydraulic Design- DC Cert	0	2		04MAY2011	110d		22AUG2011
DPD030350	DDA3: Hydraulic Design- submit to SO	0	2	05MAY2011		110d	23AUG2011	



Start date	14JUL2010
Finish date	25NOV2013
Data date	17JAN2011
Run date	31JAN2011
Page number	2A
Project name	WP02
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Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD030360	DDA3: Hydraulic Design-- SO review	56	2	08MAY2011	02JUL2011	110d	26AUG2011	20OCT2011
DPD030370	DDA3: Hydraulic Design-- SO Approval	0	2		02JUL2011	110d		20OCT2011
DPD040110	AIP4: Plant Layout Draw ing - Submission	30	2	08AUG2010 A	06SEP2010 A		08AUG2010 A	06SEP2010 A
DPD040120	AIP4: Plant Layout Draw ing-Submit to DC	0	2		21SEP2010 A			21SEP2010 A
DPD040130	AIP4: Plant Layout Draw ing- DC Review	30	3	07SEP2010 A	13NOV2010 A		07SEP2010 A	13NOV2010 A
DPD040140	AIP4: Plant Layout Draw ing- DC Review	0	2		15NOV2010 A			15NOV2010 A
DPD040150	AIP4: Plant Layout Draw ing-Submit to SO	0	2		15NOV2010 A			15NOV2010 A
DPD040160	AIP4: Plant Layout Draw ing- SO Review	28	2	15NOV2010 A	26JAN2011	26d	15NOV2010 A	21FEB2011
DPD040170	AIP4: Plant Layout Draw ing- Consent Grant	0	2		26JAN2011	26d		21FEB2011
DPD040310	DDA4: Plant Layout Draw ing- prep. Submission	40	2	14JAN2011 A	20FEB2011	10d	14JAN2011 A	02MAR2011
DPD040320	DDA4: Plant Layout Draw ing- Submit to DC	0	2		20FEB2011	10d		02MAR2011
DPD040330	DDA4: Plant Layout Draw ing- DC Checking	30	3	21FEB2011	01APR2011	8d	03MAR2011	18APR2011
DPD040340	DDA4: Plant Layout Draw ing- DC Cert	0	2		01APR2011	17d		18APR2011
DPD040350	DDA4: Plant Layout Draw ing- submit to SO	0	2	02APR2011		17d	19APR2011	
DPD040360	DDA4: Plant Layout Draw ing- SO review	56	2	05APR2011	30MAY2011	17d	22APR2011	16JUN2011
DPD040370	DDA4: Plant Layout Draw ing- SO Approval	0	2		30MAY2011	17d		16JUN2011
DPD061020	DDA6: HAZOP facilitator proposal	14	2	28JUL2010 A	02AUG2010 A		28JUL2010 A	02AUG2010 A
DPD061050	DDA6: HAZOP facilitator Approval	14	2	03AUG2010 A	10AUG2010 A		03AUG2010 A	10AUG2010 A
DPD061110	DDA6: HAZOP Workshop	2	2	20SEP2010 A	21SEP2010 A		20SEP2010 A	21SEP2010 A
DPD061120	DDA6: HAZOP Report	14	2	24SEP2010 A	13OCT2010 A		24SEP2010 A	13OCT2010 A
DPD061130	DDA6: HAZOP Report- to DC	0	2		15OCT2010 A			15OCT2010 A
DPD061140	DDA6: HAZOP Report- DC check	30	3	29NOV2010 A	08FEB2011	49d	29NOV2010 A	21APR2011
DPD061150	DDA6: HAZOP Report- DC Cert.	0	2		08FEB2011	72d		21APR2011
DPD061160	DDA6: HAZOP Report- submit to SO	0	2	09FEB2011		72d	22APR2011	
DPD061170	DDA6: HAZOP Report- SO Review	56	2	09FEB2011	05APR2011	72d	22APR2011	16JUN2011
DPD061180	DDA6: HAZOP Report- SO Approval	0	2		05APR2011	72d		16JUN2011
DPD070110	AIP7: Control System: Submission	30	2	07SEP2010 A	06OCT2010 A		07SEP2010 A	06OCT2010 A
DPD070120	AIP7: Control System: - Submit to DC	0	2		04OCT2010 A			04OCT2010 A
DPD070130	AIP7: Control System: - DC Checking	14	3	04OCT2010 A	24NOV2010 A		04OCT2010 A	24NOV2010 A
DPD070140	AIP7: Control System: - DC Cert	0	2		25NOV2010 A			25NOV2010 A
DPD070150	AIP7: Control System: - submit to SO	0	2		06DEC2010 A			06DEC2010 A
DPD070160	AIP7: Control System: - SO review	28	2	06DEC2010 A	17JAN2011	94d	06DEC2010 A	21APR2011
DPD070170	AIP7: Control System: - SO Grant Consent	0	2		17JAN2011	94d		21APR2011
DPD071310	DDA7A: P&ID- prep. Submission	40	2	31AUG2010 A	29OCT2010 A		31AUG2010 A	29OCT2010 A
DPD071320	DDA7A: P&ID- Submit to DC	0	2		30OCT2010 A			30OCT2010 A
DPD071330	DDA7A: P&ID- DC Checking	30	3	30OCT2010 A	01MAR2011	48d	30OCT2010 A	13MAY2011
DPD071340	DDA7A: P&ID- DC Cert	0	2		01MAR2011	74d		14MAY2011
DPD071350	DDA7A: P&ID- submit to SO	0	2	02MAR2011		74d	15MAY2011	
DPD071360	DDA7A: P&ID.- SO review	56	2	02MAR2011	26APR2011	74d	15MAY2011	09JUL2011
DPD071370	DDA7A: P&ID Consent Granted by SO	0	2		26APR2011	74d		09JUL2011
DPD072310	DDA7B: Control Philosophy- prep. Submission	60	2	15DEC2010 A	26JAN2011	0	15DEC2010 A	26JAN2011
DPD072320	DDA7B: Control Philosophy- Submit to DC	0	2		26JAN2011	0		26JAN2011
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DPD072340	DDA7B: Control Philosophy- DC Cert	0	2		11MAR2011	61d		11MAY2011
DPD072350	DDA7B: Control Philosophy- submit to SO	0	2	12MAR2011		61d	12MAY2011	
DPD072360	DDA7B: Control Philosophy.- SO review	56	2	15MAR2011	09MAY2011	61d	15MAY2011	09JUL2011
DPD072370	DDA7B: Control Philosophy- Consent Granted by SO	0	2		09MAY2011	61d		09JUL2011
DPD073310	DDA7C-G: SCADA system design- prep. Submission	60	2	21JAN2011	11MAR2011	1d	22JAN2011	12MAR2011
DPD073320	DDA7C-G: SCADA system design- Submit to DC	0	2		11MAR2011	41d		21APR2011
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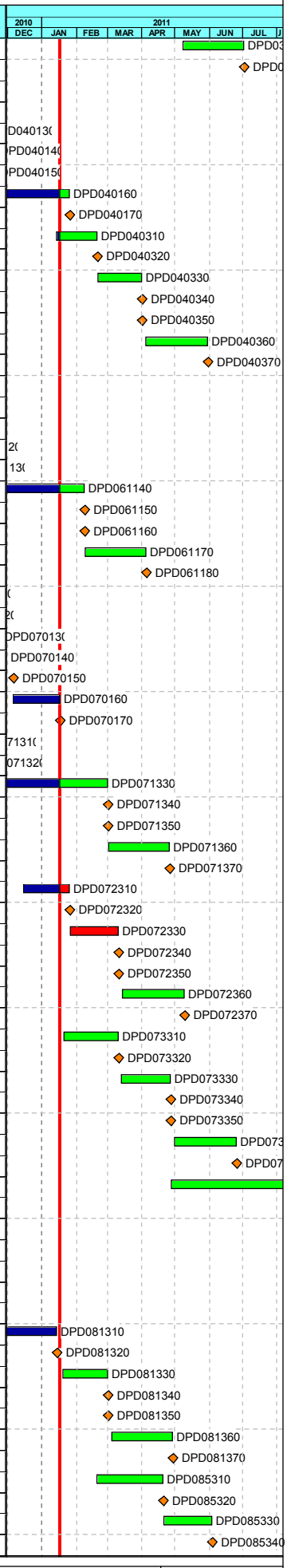
DPD073340	DDA7C-G: SCADA system design- DC Cert	0	2		27APR2011	41d		07JUN2011
DPD073350	DDA7C-G: SCADA system design- submit to SO	0	2	28APR2011		41d	08JUN2011	
DPD073360	DDA7C-G: SCADA system design- SO review	56	2	01MAY2011	25JUN2011	41d	11JUN2011	05AUG2011
DPD073370	DDA7C-G: SCADA system design- SO Approve	0	2		25JUN2011	41d		05AUG2011
DPD076310	DDA7H-N-: SCADA Detail design- prep. Submission	120	2	28APR2011	25AUG2011	59d	26JUN2011	23OCT2011
DPD076320	DDA7H-N-: SCADA Detail design- Submit to DC	0	2		25AUG2011	59d		23OCT2011
DPD076330	DDA7H-N-: SCADA Detail design- DC Checking	30	3	26AUG2011	10OCT2011	39d	24OCT2011	02DEC2011
DPD076340	DDA7H-N-: SCADA Detail design- DC Cert	0	2		10OCT2011	55d		04DEC2011
DPD076350	DDA7H-N-: SCADA Detail design- submit to SO	0	2	11OCT2011		55d	05DEC2011	
DPD076360	DDA7H-N-: SCADA Detail design- SO review	56	2	14OCT2011	08DEC2011	55d	08DEC2011	01FEB2012
DPD076370	DDA7H-N-: SCADA Detail design- SO Approval	0	2		06FEB2012	55d		01APR2012
DPD081310	DDA9A-E: Elect. system design- prep. Submission	60	2	15OCT2010 A	14JAN2011 A		15OCT2010 A	14JAN2011 A
DPD081320	DDA9A-E: Elect. system design- Submit to DC	0	2		14JAN2011 A			14JAN2011 A
DPD081330	DDA9A-E: Elect. system design- DC Checking	30	3	20JAN2011 A	01MAR2011	46d	20JAN2011 A	11MAY2011
DPD081340	DDA9A-E: Elect. system design- DC Cert	0	2		01MAR2011	71d		11MAY2011
DPD081350	DDA9A-E: Elect. system design- submit to SO	0	2	02MAR2011		71d	12MAY2011	
DPD081360	DDA9A-E: Elect. system design- SO review	56	2	05MAR2011	29APR2011	71d	15MAY2011	09JUL2011
DPD081370	DDA9A-E: Elect. sys design- SO Consent Granted	0	2		29APR2011	71d		09JUL2011
DPD085310	DDA9F-I: ELV System- prep. Submission	60	2	20FEB2011	20APR2011	1d	21FEB2011	21APR2011
DPD085320	DDA9F-I: ELV Sys- Submit to DC	0	2		20APR2011	1d		21APR2011
DPD085330	DDA9F-I: ELV System- DC Checking	30	3	21APR2011	03JUN2011	1d	22APR2011	07JUN2011
DPD085340	DDA9F-I: ELV System- DC Cert	0	2		03JUN2011	4d		07JUN2011



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DPD085360	DDA9F-I: ELV System- SO review	56	2	07JUN2011	01AUG2011	4d	11JUN2011	05AUG2011
DPD085370	DDA9F-I: ELV System- SO Consent Granted	0	2		01AUG2011	4d		05AUG2011
DPD087310	DDA9J: Hazardous Zone Report- prep. Submission	60	2	30SEP2010 A	03NOV2010 A		30SEP2010 A	03NOV2010 A
DPD087320	DDA9J: Hazardous Zone Report- Submit to DC	0	2		04NOV2010 A			04NOV2010 A
DPD087330	DDA9J: Hazardous Zone Report- DC Checking	30	3	04NOV2010 A	01MAR2011	46d	04NOV2010 A	11MAY2011
DPD087340	DDA9J: Hazardous Zone Report- DC Cert	0	2		01MAR2011	71d		11MAY2011
DPD087350	DDA9J: Hazardous Zone Report- submit to SO	0	2	02MAR2011		71d	12MAY2011	
DPD087360	DDA9J: Hazardous Zone Report- SO review	56	2	05MAR2011	29APR2011	71d	15MAY2011	09JUL2011
DPD087370	DDA9J: Hazardous Zone Report-SO Consent Granted	0	2		29APR2011	71d		09JUL2011
DPD089310	DDA9K: Renew able Energy Design- prep. Submission	90	2	17JAN2011	17MAR2011	63d	21MAR2011	19MAY2011
DPD089320	DDA9K: Renew able Energy Design- Submit to DC	0	2		17MAR2011	63d		19MAY2011
DPD089330	DDA9K: Renew able Energy Design- DC Checking	30	3	18MAR2011	04MAY2011	40d	20MAY2011	04JUL2011
DPD089340	DDA9K: Renew able Energy Design- DC Cert	0	2		04MAY2011	61d		04JUL2011
DPD089350	DDA9K: Renew able Energy Design- submit to SO	0	2	05MAY2011		61d	05JUL2011	
DPD089360	DDA9K: Renew able Energy Design- SO review	56	2	08MAY2011	02JUL2011	61d	08JUL2011	01SEP2011
DPD089370	DDA9K: Renew . Engy. Design- SO Approval	0	2		02JUL2011	61d		01SEP2011
DPD090310	DDA11: T&C Plan- prep. Submission	60	2	18JAN2011	18MAR2011	187d	24JUL2011	21SEP2011
DPD090320	DDA11: T&C Plan- Submit to DC	0	2		18MAR2011	187d		21SEP2011
DPD090330	DDA11: T&C Plan- DC Checking	30	3	21MAR2011	05MAY2011	125d	22SEP2011	03NOV2011
DPD090340	DDA11: T&C Plan- DC Cert	0	2		05MAY2011	182d		03NOV2011
DPD090350	DDA11: T&C Plan-submit to SO	0	2	06MAY2011		182d	04NOV2011	
DPD090360	DDA11: T&C Plan- SO review	56	2	09MAY2011	03JUL2011	182d	07NOV2011	01JAN2012
DPD090370	DDA11: T&C Plan- SO Approval	0	2		03JUL2011	182d		01JAN2012
DPD100050	PTW: AIP 9B Civil GA Drg Submission	30	3	16AUG2010 A	30SEP2010 A		16AUG2010 A	30SEP2010 A
DPD100060	PTW: AIP 9B Civil Checking and Approval	95	2	30SEP2010 A	28FEB2011	0	30SEP2010 A	28FEB2011
DPD100310	PTW: AIP 9B General Arrangement Plan	15	3	16AUG2010 A	08SEP2010 A		16AUG2010 A	08SEP2010 A
DPD100320	PTW: AIP 9B Structural & Foundation Plan	15	3	09SEP2010 A	30SEP2010 A		09SEP2010 A	30SEP2010 A
DPD100340	PTW: AIP 9B Submission to Checker	0	3		30SEP2010 A			30SEP2010 A
DPD100350	PTW: AIP 9B Checker Review and Approval	5	3	30SEP2010 A	11NOV2010 A		30SEP2010 A	11NOV2010 A
DPD100360	PTW: AIP 9B Submission to SO	0	2		12NOV2010 A			12NOV2010 A
DPD100390	PTW: AIP 9B SO Review and Approval	42	2	13NOV2010 A	26JAN2011	33d	13NOV2010 A	28FEB2011
DPD100400	PTW: AIP 9B Consent Granted	0	2		26JAN2011	33d		28FEB2011
DPD100410	PTW: DDA 13E Foundation Submission	39	3	04OCT2010 A	16DEC2010 A		04OCT2010 A	16DEC2010 A
DPD100420	PTW: DDA 13E Foundation Checking and Approval	56	2	17DEC2010 A	28FEB2011	0	17DEC2010 A	28FEB2011
DPD100430	PTW: DDA 13E General Arrangement Plan	10	3	04OCT2010 A	26OCT2010 A		04OCT2010 A	26OCT2010 A
DPD100440	PTW: DDA 13E Minipile and Base (Part 1)	25	3	12OCT2010 A	16DEC2010 A		12OCT2010 A	16DEC2010 A
DPD100450	PTW: DDA 13E Minipile and Base (1) to Checker	0	2		17DEC2010 A			17DEC2010 A
DPD100460	PTW: DDA 13E Checker Endorse Minipile & Base (1)	22	2	17DEC2010 A	26JAN2011	0	17DEC2010 A	26JAN2011
DPD100470	PTW: DDA 13E Minipile and Base (1) to SO	0	2		15JAN2011 A			15JAN2011 A
DPD100480	PTW: DDA 13E SO Approval on Minipile & Base (1)	28	2	01FEB2011	28FEB2011	0	01FEB2011	28FEB2011
DPD100490	PTW: DDA 13E Minipile & Base (1)Consent Granted	0	2		28FEB2011	0		28FEB2011
DPD101020	PTW: DDA 13F Base (2) and Structural Submission	49	3	07DEC2010 A	16FEB2011	0	07DEC2010 A	16FEB2011
DPD101030	PTW: DDA 13F Base 2 /Structure Check & Approval	70	2	17FEB2011	27APR2011	0	17FEB2011	27APR2011
DPD101040	PTW: DDA 13F Base 2 and Structure Submission	46	3	07DEC2010 A	11FEB2011	0	07DEC2010 A	11FEB2011
DPD101050	PTW: DDA 13F Contractor Review on Struct /Base 2	3	3	14FEB2011	16FEB2011	0	14FEB2011	16FEB2011
DPD101060	PTW: DDA 13F Base 2 and Structure to Checker	0	2		16FEB2011	0		16FEB2011
DPD101070	PTW: DDA 13F Checker Endorse Base 2 / Structure	14	2	17FEB2011	02MAR2011	0	17FEB2011	02MAR2011
DPD101080	PTW: DDA 13F Base 2 and Structure to SO	0	2		02MAR2011	0		02MAR2011
DPD101090	PTW: DDA 13F SO Approval on Base 2 / Structure	56	2	03MAR2011	27APR2011	0	03MAR2011	27APR2011
DPD101100	PTW: DDA 13F Base 2 & Structure Consent Granted	0	2		27APR2011	0		27APR2011
DPD101210	PTW: DDA 13G Mis Civil Submission	23	3	21FEB2011	23MAR2011	8d	03MAR2011	04APR2011
DPD101220	PTW: DDA 13G Mis Civil Checking and Approval	77	2	24MAR2011	08JUN2011	13d	06APR2011	21JUN2011
DPD101230	PTW: DDA 13G Mis Civil Provision Detail	18	3	21FEB2011	16MAR2011	8d	03MAR2011	28MAR2011
DPD101240	PTW: DDA 13G Contractor Review on Mis Civil	5	3	17MAR2011	23MAR2011	8d	29MAR2011	04APR2011
DPD101250	PTW: DDA 13G Mis Civil Provision to Checker	0	2		23MAR2011	13d		05APR2011
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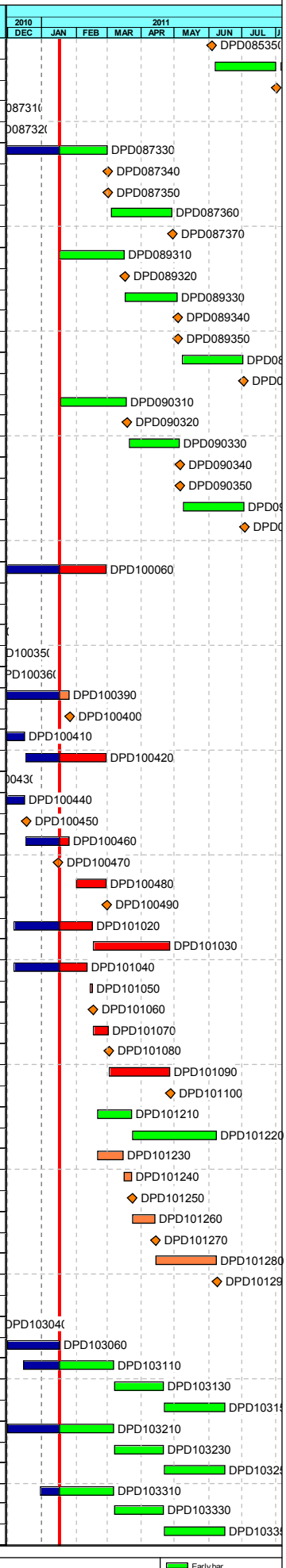
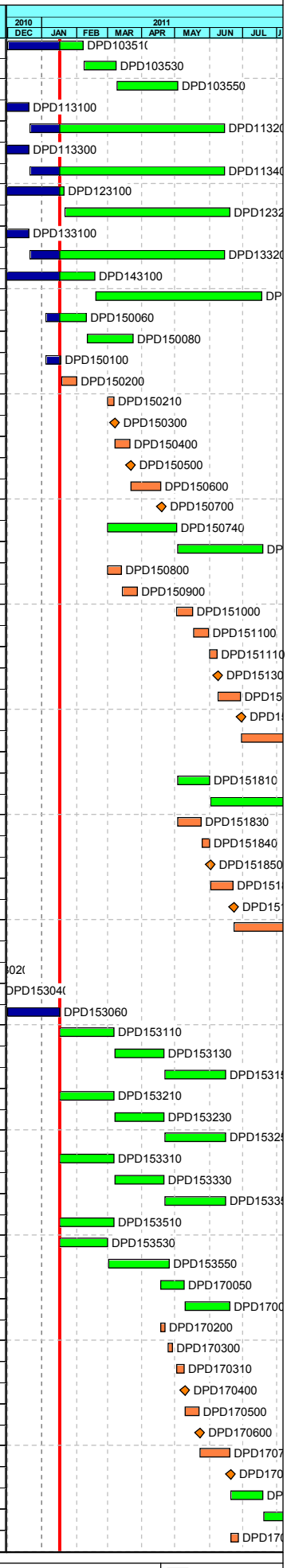
DPD101270	PTW: DDA 13G Mis Civil Provision to SO	0	2		13APR2011	13d		26APR2011
DPD101280	PTW: DDA 13G SO Approval on Mis Civil Provision	56	2	14APR2011	08JUN2011	13d	27APR2011	21JUN2011
DPD101290	PTW: DDA 13G Mis Civil Provision Consent Granted	0	2		08JUN2011	13d		21JUN2011
DPD103020	PTW: AIP 9A E&M GA Dwg Submission	30	2	16AUG2010 A	29SEP2010 A		16AUG2010 A	29SEP2010 A
DPD103040	PTW: AIP 9A E&M GA Dwg - DC Checking	14	3	30SEP2010 A	24NOV2010 A		30SEP2010 A	24NOV2010 A
DPD103060	PTW: AIP 9A E&M GA Dwg - SO review and approval	28	2	01DEC2010 A	17JAN2011	0	01DEC2010 A	17JAN2011
DPD103110	PTW: DDA 13A Elect Dwg - Submission	60	2	15DEC2010 A	07MAR2011	50d	15DEC2010 A	26APR2011
DPD103130	PTW: DDA 13A Elect Dwg - DC Checking	30	3	08MAR2011	21APR2011	33d	27APR2011	10JUN2011
DPD103150	PTW: DDA 13A Elect Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	52d	13JUN2011	07AUG2011
DPD103210	PTW: DDA 13B Mech Dwg - Submission	60	2	01DEC2010 A	07MAR2011	50d	01DEC2010 A	26APR2011
DPD103230	PTW: DDA 13B Mech Dwg - DC Checking	30	3	08MAR2011	21APR2011	33d	27APR2011	10JUN2011
DPD103250	PTW: DDA 13B Mech Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	52d	13JUN2011	07AUG2011
DPD103310	PTW: DDA 13C BS Dwg - Submission	60	2	31DEC2010 A	07MAR2011	50d	31DEC2010 A	26APR2011
DPD103330	PTW: DDA 13C BS Dwg - DC Checking	30	3	08MAR2011	21APR2011	33d	27APR2011	10JUN2011
DPD103350	PTW: DDA 13C BS Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	52d	13JUN2011	07AUG2011



Contract No. DC/2008/03
Design, Build and Operate Pillar Point Sewage Treatment Works

ATAL - Degremont - China State Joint Venture

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD103510	PTW: DDA 13D E&MCR Dwg - Submission	60	2	01DEC2010 A	07FEB2011	2d	01DEC2010 A	09FEB2011
DPD103530	PTW: DDA 13D E&MCR Dwg - DC Checking	30	2	08FEB2011	09MAR2011	2d	10FEB2011	11MAR2011
DPD103550	PTW: DDA 13D E&MCR Dwg - SO rew & Appr	56	2	10MAR2011	04MAY2011	2d	12MAR2011	06MAY2011
DPD113100	PTW: Coarse Screen: E&M Equipment Submission	90	2	01NOV2010 A	20DEC2010 A		01NOV2010 A	20DEC2010 A
DPD113200	PTW: Coarse Screen: E&M Equipment Approval	150	2	21DEC2010 A	15JUN2011	70d	21DEC2010 A	24AUG2011
DPD113300	PTW:Coarse Screen: E&M Shop Drg Submission	65	2	01NOV2010 A	20DEC2010 A		01NOV2010 A	20DEC2010 A
DPD113400	PTW: Coarse Screen: E&M Shop Drg Approval	150	2	21DEC2010 A	15JUN2011	70d	21DEC2010 A	24AUG2011
DPD123100	PTW: Inlet Pump St: E&M Equipment Submission	90	2	01NOV2010 A	21JAN2011	40d	01NOV2010 A	02MAR2011
DPD123200	PTW: Inlet Pump St: E&M Equipment Approval	150	2	22JAN2011	20JUN2011	57d	20MAR2011	16AUG2011
DPD133100	PTW: Fine Screen: E&M Equipment Submission	90	2	01NOV2010 A	20DEC2010 A		01NOV2010 A	20DEC2010 A
DPD133200	PTW: Fine Screen: E&M Equipment Approval	150	2	21DEC2010 A	15JUN2011	43d	21DEC2010 A	28JUL2011
DPD143100	PTW: Grit Chamber: E&M Equipment Submission	90	2	01NOV2010 A	18FEB2011	10d	01NOV2010 A	28FEB2011
DPD143200	PTW: Grit Chamber: E&M Equipment Approval	150	2	19FEB2011	18JUL2011	10d	01MAR2011	28JUL2011
DPD150060	Septic: AIP 10B Civil GA Drg Submission	25	3	05JAN2011 A	10FEB2011	84d	05JAN2011 A	16JUN2011
DPD150080	Septic: AIP 10B Civil Checking and Approval	42	2	11FEB2011	24MAR2011	207d	06SEP2011	17OCT2011
DPD150100	Septic: AIP 10B General Arrangement Plan	10	3	05JAN2011 A	18JAN2011	140d	05JAN2011 A	15AUG2011
DPD150200	Septic: AIP 10B Structural & Foundation Plan	10	3	19JAN2011	01FEB2011	140d	16AUG2011	29AUG2011
DPD150210	Septic: AIP 10B Contractor Review on Struct &Fdn	5	3	01MAR2011	07MAR2011	123d	30AUG2011	05SEP2011
DPD150300	Septic: AIP 10B Submission to Checker	0	2		07MAR2011	182d		05SEP2011
DPD150400	Septic: AIP 10B Checker Endorse Struct/Fdn	14	2	08MAR2011	21MAR2011	182d	06SEP2011	19SEP2011
DPD150500	Septic: AIP 10B Submission to SO	0	2		21MAR2011	182d		19SEP2011
DPD150600	Septic: AIP 10B SO Review and Approval	28	2	22MAR2011	18APR2011	182d	20SEP2011	17OCT2011
DPD150700	Septic: AIP 10B Consent Granted	0	2		18APR2011	182d		17OCT2011
DPD150740	Septic: DDA 14 E&F Fdn / Structural Submission	42	3	01MAR2011	03MAY2011	125d	01SEP2011	01NOV2011
DPD150780	Septic: DDA E&F Fdn / Struct Checking / Approval	77	2	04MAY2011	19JUL2011	289d	17FEB2012	03MAY2012
DPD150800	Septic: DDA 14E&F General Arrangement Plan	10	3	01MAR2011	14MAR2011	202d	21DEC2011	04JAN2012
DPD150900	Septic: DDA 14E&F Foundation Plan	10	3	15MAR2011	28MAR2011	208d	13JAN2012	26JAN2012
DPD151000	Septic: DDA 14E&F Structural Plan	10	3	03MAY2011	17MAY2011	177d	13JAN2012	26JAN2012
DPD151100	Septic: DDA 14E&F Reinforcement Detail	10	3	18MAY2011	31MAY2011	177d	27JAN2012	09FEB2012
DPD151110	Septic: DDA 14E&F Contractor Review Struct &Fdn	5	3	01JUN2011	08JUN2011	177d	10FEB2012	16FEB2012
DPD151300	Septic: DDA 14E&F Submission to Checker	0	2		08JUN2011	253d		16FEB2012
DPD151400	Septic: DDA 14E&F Checker Review and Approval	21	2	09JUN2011	29JUN2011	253d	17FEB2012	08MAR2012
DPD151500	Septic: DDA 14E&F Submission to SO	0	2		29JUN2011	253d		08MAR2012
DPD151600	Septic: DDA 14E&F SO Review and Approval	56	2	30JUN2011	24AUG2011	253d	09MAR2012	03MAY2012
DPD151700	Septic: DDA 14E&F Consent Granted	0	2		24AUG2011	253d		03MAY2012
DPD151810	Septic: DDA 14G Mis Civil Submission	20	3	04MAY2011	01JUN2011	125d	02NOV2011	29NOV2011
DPD151820	Septic: DDA 14G Mis Civil Check / Approval	77	2	02JUN2011	17AUG2011	181d	30NOV2011	14FEB2012
DPD151830	Septic: DDA 14G Mis Civil Detail	15	3	04MAY2011	25MAY2011	125d	02NOV2011	22NOV2011
DPD151840	Septic: DDA 14G Contractor Review on Mis Civil	5	3	26MAY2011	01JUN2011	125d	23NOV2011	29NOV2011
DPD151850	Septic: DDA 14G Mis Civil to Checker	0	2		01JUN2011	181d		29NOV2011
DPD151860	Septic: DDA 14G Checker Review on Mis Civil	21	2	02JUN2011	22JUN2011	181d	30NOV2011	20DEC2011
DPD151870	Septic: DDA 14G Mis Civil Provision to SO	0	2		22JUN2011	181d		20DEC2011
DPD151880	Septic: DDA 14G SO Review on Mis Civil	56	2	23JUN2011	17AUG2011	181d	21DEC2011	14FEB2012
DPD151890	Septic: DDA 14G Mis Civil Consent Granted	0	2		17AUG2011	181d		14FEB2012
DPD153020	Septic: AIP 10A E&M GA Drg - Subm & DC Checking	30	2	01SEP2010 A	20OCT2010 A		01SEP2010 A	20OCT2010 A
DPD153040	Septic: AIP 10A E&M GA Drg - DC Checking	14	3	21OCT2010 A	25NOV2010 A		21OCT2010 A	25NOV2010 A
DPD153060	Septic: AIP 10A E&M GA Drg - SO Rew. & Appr	28	2	01DEC2010 A	17JAN2011	22d	01DEC2010 A	08FEB2011
DPD153110	Septic: DDA14A Elect Dwg - Submission	60	2	17JAN2011	07MAR2011	149d	15JUN2011	03AUG2011
DPD153130	Septic: DDA14A Elect Dwg - DC Checking	30	3	08MAR2011	21APR2011	100d	04AUG2011	15SEP2011
DPD153150	Septic: DDA14A Elect Dwg - SO review and Appr	56	2	22APR2011	16JUN2011	147d	16SEP2011	10NOV2011
DPD153210	Septic: DDA 14B Mech Dwg - Submission	60	2	17JAN2011	07MAR2011	149d	15JUN2011	03AUG2011
DPD153230	Septic: DDA 14B Mech Dwg - DC Checking	30	3	08MAR2011	21APR2011	100d	04AUG2011	15SEP2011
DPD153250	Septic: DDA14B Mech Dwg - SO review and Appr.	56	2	22APR2011	16JUN2011	147d	16SEP2011	10NOV2011
DPD153310	Septic: DDA14C BS Dwg - Submission	60	2	17JAN2011	07MAR2011	149d	15JUN2011	03AUG2011
DPD153330	Septic: DDA14C BS Dwg - DC Checking	30	3	08MAR2011	21APR2011	100d	04AUG2011	15SEP2011
DPD153350	Septic: DDA14C BS Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	147d	16SEP2011	10NOV2011
DPD153510	Septic: DDA14D EMCR Dwg - Submission	60	2	17JAN2011	07MAR2011	182d	18JUL2011	05SEP2011
DPD153530	Septic: DDA14D EMCR Dwg - DC Checking	30	3	17JAN2011	01MAR2011	309d	10APR2012	21MAY2012
DPD153550	Septic: DDA14D EMCR Dwg - SO review and Appr	56	2	02MAR2011	26APR2011	447d	22MAY2012	16JUL2012
DPD170050	Weighbridge : AIP 24B Civil GA Drg Submission	15	3	18APR2011	09MAY2011	41d	17JUN2011	08JUL2011
DPD170060	Weighbridge: AIP 24B Civil Checking and Approval	42	2	10MAY2011	20JUN2011	62d	11JUL2011	21AUG2011
DPD170200	Weighbridge: AIP 24B General Arrangement Plan	5	3	18APR2011	22APR2011	41d	17JUN2011	23JUN2011
DPD170300	Weighbridge: AIP 24B Structural and Fdn Plan	5	3	25APR2011	29APR2011	41d	24JUN2011	30JUN2011
DPD170310	Weighbridge: AIP 24B Contractor Review on St/Fdn	5	3	03MAY2011	09MAY2011	41d	04JUL2011	08JUL2011
DPD170400	Weighbridge: AIP 24B Structure & Fdn to Checker	0	3		09MAY2011	71d		19AUG2011
DPD170500	Weighbridge: AIP 24B Checker Review on St/Fdn	14	2	10MAY2011	23MAY2011	62d	11JUL2011	24JUL2011
DPD170600	Weighbridge: AIP 24B Structure and Fdn to SO	0	2		23MAY2011	62d		24JUL2011
DPD170700	Weighbridge: AIP 24B SO Approval on Struct / Fdn	28	2	24MAY2011	20JUN2011	62d	25JUL2011	21AUG2011
DPD170800	Weighbridge: AIP 24B Struct/Fdn Consent Granted	0	2		20JUN2011	62d		21AUG2011
DPD170840	Weighbridge: DDA 27B Fdn / Structural Submission	20	3	21JUN2011	19JUL2011	43d	22AUG2011	19SEP2011
DPD170880	Weighbridge: DDA 27B Fdn/Struct Check & Approval	77	2	20JUL2011	04OCT2011	62d	20SEP2011	05DEC2011
DPD170900	Weighbridge: DDA 27B General Arrangement Plan	5	3	21JUN2011	27JUN2011	43d	22AUG2011	26AUG2011



Start date	14JUL2010
Finish date	25NOV2013
Data date	17JAN2011
Run date	31JAN2011
Page number	5A
Project name	WP02
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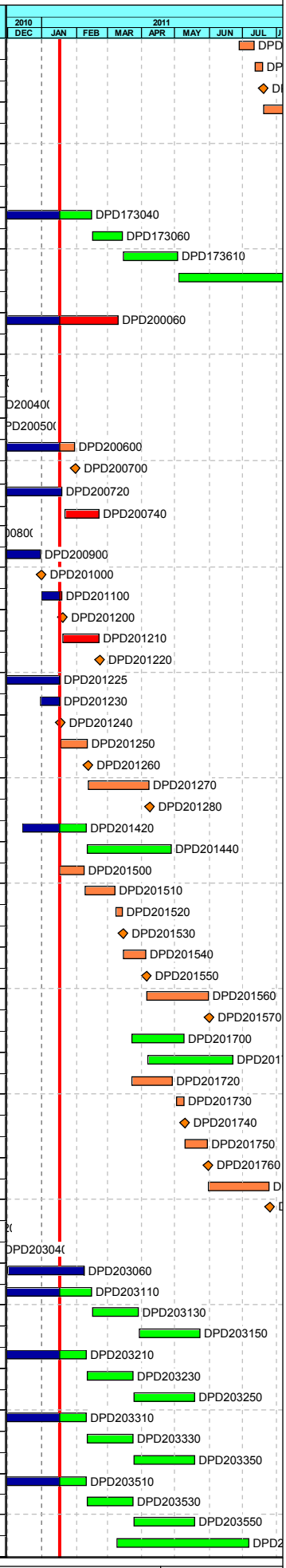
PPSTW Works Programme Rev.02 (Draft 2011.1.17)

Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD171000	Weighbridge: DDA 27B Struct / Foundation Plan	10	3	28JUN2011	12JUL2011	43d	29AUG2011	09SEP2011
DPD171010	Weighbridge: DDA 27B Contractor Review on St/Fdn	5	3	13JUL2011	19JUL2011	43d	12SEP2011	19SEP2011
DPD171100	Weighbridge: DDA 27B Struct / Fdn to Checker	0	2		19JUL2011	62d		19SEP2011
DPD171200	Weighbridge: DDA 27B Checker Review Struct /Fdn	21	2	20JUL2011	09AUG2011	62d	20SEP2011	10OCT2011
DPD171300	Weighbridge: DDA 27B Struct / Fdn to SO	0	2		09AUG2011	62d		10OCT2011
DPD171400	Weighbridge: DDA 27B SO Approval on Struct/Fdn	56	2	10AUG2011	04OCT2011	62d	11OCT2011	05DEC2011
DPD171500	Weighbridge: DDA 27B Struct /Fdn Consent Granted	0	2		04OCT2011	62d		05DEC2011
DPD173020	Weighbridge: AIP 24A E&M GA Drg Submission	30	2	01SEP2010 A	29SEP2010 A		01SEP2010 A	29SEP2010 A
DPD173040	Weighbridge: AIP 24A E&M DC Checking	14	3	30SEP2010 A	15FEB2011	81d	30SEP2010 A	16JUN2011
DPD173060	Weighbridge: AIP 24A E&M SO Rew . & Approval	28	2	16FEB2011	15MAR2011	121d	17JUN2011	14JUL2011
DPD173610	Weighbridge: E&M Equipment Submission	50	2	16MAR2011	04MAY2011	130d	24JUL2011	11SEP2011
DPD173620	Weighbridge: E&M Equipment Checking and Approval	150	2	05MAY2011	01OCT2011	130d	12SEP2011	08FEB2012
DPD200050	CEPT Tank: AIP 11B Civil GA Drg Submission	30	3	16AUG2010 A	30SEP2010 A		16AUG2010 A	30SEP2010 A
DPD200060	CEPT Tank: AIP 11B Civil Checking and Approval	99	2	01OCT2010 A	11MAR2011	0	01OCT2010 A	11MAR2011
DPD200100	CEPT Tank: AIP 11B General Arrangement Plan	15	3	16AUG2010 A	14SEP2010 A		16AUG2010 A	14SEP2010 A
DPD200200	CEPT Tank: AIP 11B Structural & Foundation Plan	15	3	15SEP2010 A	30SEP2010 A		15SEP2010 A	30SEP2010 A
DPD200300	CEPT Tank: AIP 11B Struct / Fdn to Checker	0	3		30SEP2010 A			30SEP2010 A
DPD200400	CEPT Tank: AIP 11B Checker Endorse Struct / Fdn	43	2	30SEP2010 A	11NOV2010 A		30SEP2010 A	11NOV2010 A
DPD200500	CEPT Tank: AIP 11B Structure / Fdn to SO	0	2		12NOV2010 A			12NOV2010 A
DPD200600	CEPT Tank: AIP 11B SO Approval on Structure /Fdn	28	2	13NOV2010 A	30JAN2011	2d	13NOV2010 A	01FEB2011
DPD200700	CEPT Tank: AIP11B Struct / Fdn Consent Granted	0	2		30JAN2011	7d		06FEB2011
DPD200720	CEPT Tank: DDA 15E Foundation Submission	91	3	04OCT2010 A	19JAN2011 A		04OCT2010 A	19JAN2011 A
DPD200740	CEPT Tank: DDA 15E Fdn Checking and Approval	56	2	22JAN2011	21FEB2011	0	22JAN2011	21FEB2011
DPD200800	CEPT Tank: DDA 15E General Arrangement Plan	10	3	04OCT2010 A	26OCT2010 A		04OCT2010 A	26OCT2010 A
DPD200900	CEPT Tank: DDA 15E Minipile Submission	60	3	12OCT2010 A	31DEC2010 A		12OCT2010 A	31DEC2010 A
DPD201000	CEPT Tank: DDA 15E Minipile to Checker	0	2		31DEC2010 A			31DEC2010 A
DPD201100	CEPT Tank: DDA 15E Checker Endorse Minipile	20	2	01JAN2011 A	19JAN2011	0	01JAN2011 A	19JAN2011
DPD201200	CEPT Tank: DDA 15E Minipile to SO	0	2		19JAN2011 A			19JAN2011 A
DPD201210	CEPT Tank: DDA 15E SO Approval on Minipile	36	2	20JAN2011 A	21FEB2011	0	20JAN2011 A	21FEB2011
DPD201220	CEPT Tank: DDA 15E Consent Granted on Minipile	0	2		21FEB2011	0		21FEB2011
DPD201225	CEPT Tank: DDA 15E Base Slab Submission	25	3	12OCT2010 A	17JAN2011	0	12OCT2010 A	17JAN2011
DPD201230	CEPT Tank: DDA 15E Contractor Review Base Slab	5	3	31DEC2010 A	17JAN2011	0	31DEC2010 A	17JAN2011
DPD201240	CEPT Tank: DDA 15E Base Slab to Checker	0	2		17JAN2011	0		17JAN2011
DPD201250	CEPT Tank: DDA 15E Checker Endorse Base Slab	23	2	18JAN2011 A	11FEB2011	17d	18JAN2011 A	28FEB2011
DPD201260	CEPT Tank: DDA 15E Base Slab to SO	0	2		11FEB2011	17d		28FEB2011
DPD201270	CEPT Tank: DDA15E SO Approval on Base Slab	56	2	12FEB2011	08APR2011	17d	01MAR2011	25APR2011
DPD201280	CEPT Tank: DDA 15E Base Slab Consent Granted	0	2		08APR2011	17d		25APR2011
DPD201420	CEPT Tank: DDA 15F Structural Submission	40	3	14DEC2010 A	10FEB2011	2d	14DEC2010 A	14FEB2011
DPD201440	CEPT Tank: DDA 15F Structural Check and Approval	77	2	11FEB2011	28APR2011	41d	24MAR2011	08JUN2011
DPD201500	CEPT Tank: DDA 15F Structural Plan	15	3	17JAN2011	08FEB2011	2d	19JAN2011	10FEB2011
DPD201510	CEPT Tank: DDA 15F Reinforcement Detail	20	3	09FEB2011	08MAR2011	2d	11FEB2011	10MAR2011
DPD201520	CEPT Tank: DDA 15F Contractor Review on Struct	5	3	09MAR2011	15MAR2011	6d	17MAR2011	23MAR2011
DPD201530	CEPT Tank: DDA 15F Structure to Checker	0	2		15MAR2011	8d		23MAR2011
DPD201540	CEPT Tank: DDA 15F Checker Endorse Structure	21	2	16MAR2011	05APR2011	8d	24MAR2011	13APR2011
DPD201550	CEPT Tank: DDA 15F Structure to SO	0	2		05APR2011	8d		13APR2011
DPD201560	CEPT Tank: DDA 15F SO Approval on Structure	56	2	06APR2011	31MAY2011	8d	14APR2011	08JUN2011
DPD201570	CEPT Tank; DDA 15F Structure Consent Granted	0	2		31MAY2011	8d		08JUN2011
DPD201700	CEPT Tank: DDA 15G Mis Civil Submission	30	3	23MAR2011	09MAY2011	2d	25MAR2011	12MAY2011
DPD201710	CEPT Tank: DDA 15G Mis Civil Check and Approval	77	2	07APR2011	22JUN2011	6d	13APR2011	28JUN2011
DPD201720	CEPT Tank: DDA 15G Mis Civil Detail	25	3	23MAR2011	29APR2011	2d	25MAR2011	04MAY2011
DPD201730	CEPT Tank: DDA 15G Contractor Review Mis Civil	5	3	03MAY2011	09MAY2011	2d	05MAY2011	12MAY2011
DPD201740	CEPT Tank: DDA 15G Mis Civil to Checker	0	2		09MAY2011	3d		12MAY2011
DPD201750	CEPT Tank: DDA 15G Checker Endorse Mis Civil	21	2	10MAY2011	30MAY2011	3d	13MAY2011	02JUN2011
DPD201760	CEPT Tank: DDA 15G Mis Civil to SO	0	2		30MAY2011	3d		02JUN2011
DPD201770	CEPT Tank: DDA 15G SO Approval on Mis Civil	56	2	31MAY2011	25JUL2011	3d	03JUN2011	28JUL2011
DPD201780	CEPT Tank: DDA 15G Mis Civil Consent Granted	0	2		25JUL2011	3d		28JUL2011
DPD203020	CEPT: AIP 11A E&M GA Drg - Submission	30	2	07SEP2010 A	08OCT2010 A		07SEP2010 A	08OCT2010 A
DPD203040	CEPT: AIP 11A E&M GA - DC Checking	14	3	11OCT2010 A	24NOV2010 A		11OCT2010 A	24NOV2010 A
DPD203060	CEPT: AIP 11A E&M GA - SO rev. & Appr	28	2	01DEC2010 A	08FEB2011	0	01DEC2010 A	08FEB2011
DPD203110	CEPT: DDA 15A Elect Dwg - Submission	60	2	29NOV2010 A	15FEB2011	71d	29NOV2010 A	27APR2011
DPD203130	CEPT: DDA 15A Elect Dwg - DC Checking	30	3	16FEB2011	29MAR2011	48d	28APR2011	13JUN2011
DPD203150	CEPT: DDA 15A Elect Dwg - SO review and Approval	56	2	30MAR2011	24MAY2011	76d	14JUN2011	08AUG2011
DPD203210	CEPT: DDA 15B Mech Dwg - Submission	60	2	30NOV2010 A	10FEB2011	76d	30NOV2010 A	27APR2011
DPD203230	CEPT: DDA 15B Mech Dwg - DC Checking	30	3	11FEB2011	24MAR2011	51d	28APR2011	13JUN2011
DPD203250	CEPT: DDA 15B Mech Dwg - SO review and Approval	56	2	25MAR2011	19MAY2011	81d	14JUN2011	08AUG2011
DPD203310	CEPT: DDA 15C BS Dwg - Submission	60	2	29NOV2010 A	10FEB2011	76d	29NOV2010 A	27APR2011
DPD203330	CEPT: DDA 15C BS Dwg - DC Checking	30	3	11FEB2011	24MAR2011	51d	28APR2011	13JUN2011
DPD203350	CEPT: DDA 15C BS Dwg - SO review and Approval	56	2	25MAR2011	19MAY2011	81d	14JUN2011	08AUG2011
DPD203510	CEPT: DDA 15D E&MCR Dwg - Submission	60	2	30NOV2010 A	10FEB2011	4d	30NOV2010 A	14FEB2011
DPD203530	CEPT: DDA 15D E&MCR Dwg - DC Checking	30	3	11FEB2011	24MAR2011	40d	13APR2011	26MAY2011
DPD203550	CEPT: DDA 15D E&MCR Dwg - SO rew & Appr	56	2	25MAR2011	19MAY2011	63d	27MAY2011	21JUL2011
DPD213200	CEPT: E&M Equipment Checking and Appr	120	2	10MAR2011	07JUL2011	2d	12MAR2011	09JUL2011



Start date	14JUL2010
Finish date	25NOV2013
Data date	17JAN2011
Run date	31JAN2011
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Project name	WP02
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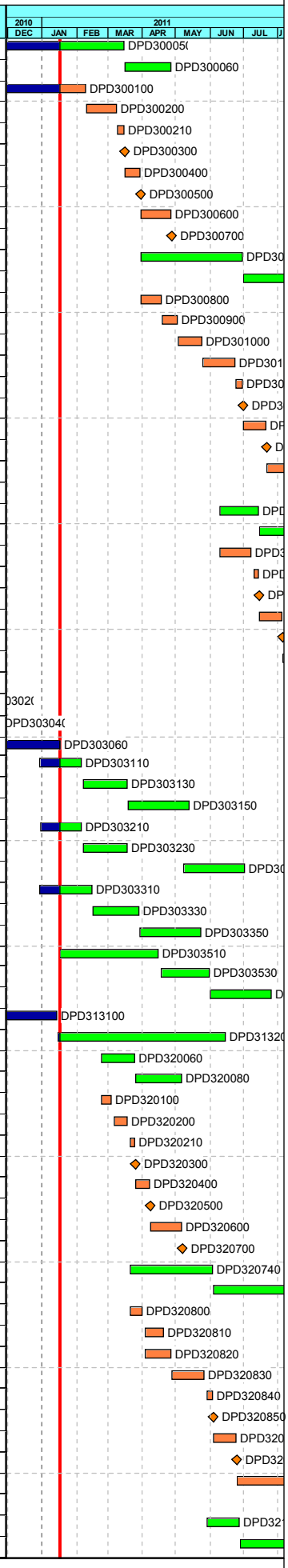
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD300050	UV : AIP 13B Civil GA Drg Submission	43	3	25NOV2010 A	16MAR2011	36d	25NOV2010 A	12MAY2011
DPD300060	UV: AIP 13B Civil Checking and Approval	42	2	17MAR2011	27APR2011	57d	13MAY2011	23JUN2011
DPD300100	UV: AIP 13B General Arrangement Plan	20	3	25NOV2010 A	09FEB2011	8d	25NOV2010 A	21FEB2011
DPD300200	UV: AIP 13B Structural & Foundation Plan	20	3	10FEB2011	09MAR2011	8d	22FEB2011	21MAR2011
DPD300210	UV: AIP 13B Contractor Review on Struct & Fdn	5	3	10MAR2011	16MAR2011	8d	22MAR2011	28MAR2011
DPD300300	UV: AIP 13B Submission to Checker	0	2		16MAR2011	12d		28MAR2011
DPD300400	UV: AIP 13B Checker Endorse Struct / Fdn	14	2	17MAR2011	30MAR2011	12d	29MAR2011	11APR2011
DPD300500	UV: AIP 13B Submission to SO	0	2		30MAR2011	12d		11APR2011
DPD300600	UV: AIP 13B SO Review and Approval	28	2	31MAR2011	27APR2011	57d	27MAY2011	23JUN2011
DPD300700	UV: AIP 13B Consent Granted	0	2		27APR2011	57d		23JUN2011
DPD300740	UV: DDA 17E&F Fdn / Structural Submission	60	3	31MAR2011	30JUN2011	5d	12APR2011	08JUL2011
DPD300780	UV: DDA 17E&F Structural & Fdn Check / Approval	77	2	01JUL2011	15SEP2011	8d	09JUL2011	23SEP2011
DPD300800	UV: DDA 17E&F General Arrangement Plan	10	3	31MAR2011	18APR2011	5d	12APR2011	25APR2011
DPD300900	UV: DDA 17E&F Foundation Plan	10	3	19APR2011	03MAY2011	5d	26APR2011	11MAY2011
DPD301000	UV: DDA 17E&F Structural Plan	15	3	04MAY2011	25MAY2011	5d	12MAY2011	01JUN2011
DPD301100	UV: DDA 17E&F Reinforcement Detail	20	3	26MAY2011	23JUN2011	5d	02JUN2011	30JUN2011
DPD301110	UV: DDA 17E&F Contractor Review on Struct / Fdn	5	3	24JUN2011	30JUN2011	5d	04JUL2011	08JUL2011
DPD301300	UV: DDA 17E&F Structure and Fdn to Checker	0	2		30JUN2011	8d		08JUL2011
DPD301400	UV : DDA 17E&F Checker Endorse Struct / Fdn	21	2	01JUL2011	21JUL2011	8d	09JUL2011	29JUL2011
DPD301500	UV: DDA 17E&F Structure and Fdn to SO	0	2		21JUL2011	8d		29JUL2011
DPD301600	UV: DDA 17E&F SO Approval on Structure / Fdn	56	2	22JUL2011	15SEP2011	8d	30JUL2011	23SEP2011
DPD301700	UV: DDA17E&F Structure and Fdn Consent Granted	0	2		15SEP2011	8d		23SEP2011
DPD301810	UV: DDA 17G Mis Civil Submission	25	3	10JUN2011	15JUL2011	47d	17AUG2011	21SEP2011
DPD301820	UV: DDA 17G Mis Civil Checking and Approval	77	2	16JUL2011	30SEP2011	68d	22SEP2011	07DEC2011
DPD301830	UV: DDA 17G Mis Civil Detail	20	3	10JUN2011	08JUL2011	47d	17AUG2011	14SEP2011
DPD301835	UV: DDA 17G Contractor Review on Mis Civil	5	3	11JUL2011	15JUL2011	47d	15SEP2011	21SEP2011
DPD301840	UV: DDA 17G Mis Civil to Checker	0	2		15JUL2011	68d		21SEP2011
DPD301850	UV: DDA 17G Checker Endorse Mis Civil	21	2	16JUL2011	05AUG2011	68d	22SEP2011	12OCT2011
DPD301860	UV: DDA 17G Mis Civil to SO	0	2		05AUG2011	68d		12OCT2011
DPD301870	UV: DDA 17G SO Approval on Mis Civil	56	2	06AUG2011	30SEP2011	68d	13OCT2011	07DEC2011
DPD301880	UV: AIP 13G Mis Civil Consent Granted	0	2		30SEP2011	68d		07DEC2011
DPD303020	UV: AIP 13A E&M GA Drg Submission	30	2	07SEP2010 A	27OCT2010 A		07SEP2010 A	27OCT2010 A
DPD303040	UV: AIP 13A E&M GA - DC Checking	14	3	28OCT2010 A	24NOV2010 A		28OCT2010 A	24NOV2010 A
DPD303060	UV: AIP 13A E&M GA - SO rev. & appr	28	2	01NOV2010 A	17JAN2011	84d	01NOV2010 A	11APR2011
DPD303110	UV: DDA 17A Elect Dwg - Submission	60	2	30DEC2010 A	05FEB2011	159d	30DEC2010 A	14JUL2011
DPD303130	UV: DDA 17A Elect Dwg - DC Checking	30	3	07FEB2011	18MAR2011	107d	15JUL2011	25AUG2011
DPD303150	UV: DDA 17A Elect Dwg - SO review and Approval	56	2	19MAR2011	13MAY2011	160d	26AUG2011	20OCT2011
DPD303210	UV: DDA 17B Mech Dwg - Submission	60	2	31DEC2010 A	05FEB2011	45d	31DEC2010 A	22MAR2011
DPD303230	UV: DDA 17B Mech Dwg - DC Checking	30	3	07FEB2011	18MAR2011	107d	15JUL2011	25AUG2011
DPD303250	UV: DDA 17B Mech Dwg - SO review and Approval	56	2	08MAY2011	02JUL2011	110d	26AUG2011	20OCT2011
DPD303310	UV: DDA 17C BS Dwg - Submission	60	2	30DEC2010 A	15FEB2011	177d	30DEC2010 A	11AUG2011
DPD303330	UV: DDA 17C BS Dwg - DC Checking	30	3	16FEB2011	29MAR2011	120d	12AUG2011	23SEP2011
DPD303350	UV: DDA 17C BS Dwg - SO review and Approval	56	2	30MAR2011	24MAY2011	179d	25SEP2011	19NOV2011
DPD303510	UV: DDA 17D E&MCR Dwg - Submission	60	3	17JAN2011	15APR2011	31d	03MAR2011	01JUN2011
DPD303530	UV: DDA 17D E&MCR Dwg - DC Checking	30	3	18APR2011	31MAY2011	152d	24NOV2011	05JAN2012
DPD303550	UV: DDA 17D E&MCR Dwg - SO review and Approval	56	2	01JUN2011	26JUL2011	219d	06JAN2012	01MAR2012
DPD313100	UV: UV Sys Submission	70	2	01NOV2010 A	14JAN2011 A		01NOV2010 A	14JAN2011 A
DPD313200	UV: UV Sys Equipment Approval	150	2	15JAN2011 A	15JUN2011	127d	15JAN2011 A	20OCT2011
DPD320060	RWPS: AIP 17B Civil GA Drg Submission	23	3	23FEB2011	25MAR2011	123d	24AUG2011	26SEP2011
DPD320080	RWPS: AIP 17B Civil Checking and Approval	42	2	26MAR2011	06MAY2011	193d	05OCT2011	15NOV2011
DPD320100	RWPS: AIP 17B General Arrangement Plan	8	3	23FEB2011	04MAR2011	138d	15SEP2011	26SEP2011
DPD320200	RWPS: AIP 17B Structural & Foundation Plan	10	3	07MAR2011	18MAR2011	138d	27SEP2011	11OCT2011
DPD320210	RWPS: AIP 17B Contractor Review on Struct & Fdn	5	3	21MAR2011	25MAR2011	138d	12OCT2011	18OCT2011
DPD320300	RWPS: AIP 17B Structure and Fdn to Checker	0	3		25MAR2011	138d		18OCT2011
DPD320400	RWPS: AIP 17B Checker Endorse Structure / Fdn	14	2	26MAR2011	08APR2011	207d	19OCT2011	01NOV2011
DPD320500	RWPS: AIP 17B Structure and Fdn to SO	0	2		08APR2011	207d		01NOV2011
DPD320600	RWPS: AIP 17B SO Approval on Structure and Fdn	28	2	09APR2011	06MAY2011	207d	02NOV2011	29NOV2011
DPD320700	RWPS: AIP 17B Structure / Fdn Consent Granted	0	2		06MAY2011	207d		29NOV2011
DPD320740	RWPS: DDA 21E&F Fdn / Structural Submission	50	3	21MAR2011	03JUN2011	123d	20SEP2011	29NOV2011
DPD320780	RWPS: DDA 21E&F Fdn/Struct Checking and Approval	77	2	04JUN2011	19AUG2011	200d	21DEC2011	06MAR2012
DPD320800	RWPS: DDA 21E&F General Arrangement Plan	10	3	21MAR2011	01APR2011	138d	12OCT2011	25OCT2011
DPD320810	RWPS: DDA 21E&F Foundation Plan	10	3	04APR2011	20APR2011	143d	02NOV2011	15NOV2011
DPD320820	RWPS: DDA 21E&F Structural Plan	15	3	04APR2011	27APR2011	138d	26OCT2011	15NOV2011
DPD320830	RWPS: DDA 21E&F Reinforcement Detail	20	3	28APR2011	27MAY2011	138d	16NOV2011	13DEC2011
DPD320840	RWPS: DDA 21E&F Contractor Review on Struct/Fdn	5	3	30MAY2011	03JUN2011	138d	14DEC2011	20DEC2011
DPD320850	RWPS: DDA 21E&F Submission to Checker	0	3		03JUN2011	138d		20DEC2011
DPD320860	RWPS : DDA 21E&F Checker Endorse Struct/Fdn	21	2	04JUN2011	24JUN2011	200d	21DEC2011	10JAN2012
DPD320870	RWPS: DDA 21E&F Submission to SO	0	2		24JUN2011	200d		10JAN2012
DPD320880	RWPS: DDA 21E&F SO Review and Approval	56	2	25JUN2011	19AUG2011	200d	11JAN2012	06MAR2012
DPD320890	RWPS: DDA 21E&F Fdn / Struct Consent Granted	0	2		19AUG2011	200d		06MAR2012
DPD321000	RWPS: DDA 21G Mis Civil Submission	20	3	30MAY2011	27JUN2011	123d	23NOV2011	20DEC2011
DPD321010	RWPS: DDA 21G Mis Civil Checking / Approval	77	2	28JUN2011	12SEP2011	176d	21DEC2011	06MAR2012



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Finish date	25NOV2013
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Project name	WP02
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Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD321020	RWPS: DDA 21G Mis Civil Detail	15	3	30MAY2011	20JUN2011	141d	19DEC2011	09JAN2012
DPD321025	RWPS: DDA 21G Contractor Review on Mis Civil	5	3	21JUN2011	27JUN2011	141d	10JAN2012	16JAN2012
DPD321030	RWPS: DDA 21G Mis Civil to Checker	0	2		27JUN2011	203d		16JAN2012
DPD321040	RWPS: DDA 21G Checker Endorse Mis Civil	21	2	28JUN2011	18JUL2011	203d	17JAN2012	06FEB2012
DPD321050	RWPS: DDA 21G Mis Civil to SO	0	2		18JUL2011	203d		06FEB2012
DPD321060	RWPS: DDA 21G SO Approval on Mis Civil	56	2	19JUL2011	12SEP2011	203d	07FEB2012	02APR2012
DPD321070	RWPS: DDA 21G Mis Civil Consent Granted	0	2		12SEP2011	203d		02APR2012
DPD323020	RWPS: AIP 17A E&M GA Drg Submission	30	2	27OCT2010 A	29NOV2010 A		27OCT2010 A	29NOV2010 A
DPD323040	RWPS: AIP 17A E&M GA Drg - DC Checking	14	3	29OCT2010 A	24NOV2010 A		29OCT2010 A	24NOV2010 A
DPD323060	RWPS: AIP 17A E&M GA Drg - SO Rew . & Appr	28	2	01DEC2010 A	05FEB2011	226d	01DEC2010 A	19SEP2011
DPD323110	RWPS: DDA 21A Elect Dwg - Submission	60	2	17JAN2011	07MAR2011	184d	20JUL2011	07SEP2011
DPD323130	RWPS: DDA 21A Elect Dwg - DC Checking	30	3	08MAR2011	21APR2011	125d	08SEP2011	21OCT2011
DPD323150	RWPS: DDA 21A Elect Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	183d	22OCT2011	16DEC2011
DPD323210	RWPS: DDA 21B Mech Dwg - Submission	60	2	17JAN2011	25FEB2011	52d	10MAR2011	18APR2011
DPD323230	RWPS: DDA 21B Mech Dwg - DC Checking	30	3	28FEB2011	13APR2011	131d	08SEP2011	21OCT2011
DPD323250	RWPS: DDA 21B Mech Dwg - SO review and	56	2	14APR2011	08JUN2011	191d	22OCT2011	16DEC2011
DPD323310	RWPS: DDA 21C BS Dwg - Submission	60	2	17JAN2011	07MAR2011	184d	20JUL2011	07SEP2011
DPD323330	RWPS: DDA 21C BS Dwg - DC Checking	30	3	08MAR2011	21APR2011	125d	08SEP2011	21OCT2011
DPD323350	RWPS: DDA 21C BS Dwg - SO review and Approval	56	2	22APR2011	16JUN2011	183d	22OCT2011	16DEC2011
DPD323510	RWPS: DDA 21D E&MCR Dwg - Submission	60	2	27JAN2011	27MAR2011	52d	20MAR2011	18MAY2011
DPD323530	RWPS: DDA 21D E&MCR Dwg - DC Checking	30	3	28MAR2011	13MAY2011	294d	25MAY2012	05JUL2012
DPD323550	RWPS: DDA 21D E&MCR Dwg - SO rew & Appr	56	2	14MAY2011	08JUL2011	419d	06JUL2012	30AUG2012
DPD333100	RWPS: DAF Equipment Submission	60	2	19JAN2011 A	17MAR2011	184d	19JAN2011 A	17SEP2011
DPD333200	RWPS: DAF Equipment SO rew & Appr	120	2	18MAR2011	15JUL2011	184d	18SEP2011	15JAN2012
DPD500050	Chemical : AIP 18B Civil GA Drg Submission	35	3	17JAN2011	08MAR2011	78d	16MAY2011	05JUL2011
DPD500060	Chemical: AIP 18B Civil Checking and Approval	42	2	09MAR2011	19APR2011	136d	23JUL2011	02SEP2011
DPD500100	Chemical: AIP 18B General Arrangement Plan	15	3	17JAN2011	08FEB2011	91d	02JUN2011	23JUN2011
DPD500110	Chemical: AIP 18B Structural & Foundation Plan	15	3	09FEB2011	01MAR2011	91d	24JUN2011	15JUL2011
DPD500120	Chemical: AIP 18B Contractor Review Struct / Fdn	5	3	02MAR2011	08MAR2011	91d	18JUL2011	22JUL2011
DPD500130	Chemical: AIP 18B Structure / Fdn to Checker	0	3		08MAR2011	91d		22JUL2011
DPD500140	Chemical: AIP 18B Checker Endorse Struct / Fdn	14	2	09MAR2011	22MAR2011	136d	23JUL2011	05AUG2011
DPD500150	Chemical: AIP 18B Structure / Fdn to SO	0	2		22MAR2011	136d		05AUG2011
DPD500160	Chemical: AIP 18B SO Approval on Structure /Fdn	28	2	23MAR2011	19APR2011	136d	06AUG2011	02SEP2011
DPD500170	Chemical: AIP 18B Struct /Fdn Consent Granted	0	2		19APR2011	136d		02SEP2011
DPD500300	Chemical: AIP 18C Architectural Submission	25	3	30MAR2011	09MAY2011	89d	11AUG2011	15SEP2011
DPD500310	Chemical: AIP 18C Architectural Check/ Approval	42	2	10MAY2011	20JUN2011	129d	16SEP2011	27OCT2011
DPD500320	Chemical: AIP 18C Architectural Detail	20	3	30MAR2011	29APR2011	89d	11AUG2011	07SEP2011
DPD500330	Chemical: AIP 18C Contractor Review on Archit	5	3	03MAY2011	09MAY2011	89d	08SEP2011	15SEP2011
DPD500340	Chemical: AIP 18C Architectural to Checker	0	2		09MAY2011	129d		15SEP2011
DPD500350	Chemical: AIP 18C Checker Endorse Architecture	14	2	10MAY2011	23MAY2011	129d	16SEP2011	29SEP2011
DPD500360	Chemical: AIP 18C Architectural to SO	0	2		23MAY2011	129d		29SEP2011
DPD500370	Chemical: AIP 18C SO Approval on Architectural	28	2	24MAY2011	20JUN2011	129d	30SEP2011	27OCT2011
DPD500380	Chemical: AIP 18C Architectural Consent Granted	0	2		20JUN2011	129d		27OCT2011
DPD500740	Chemical: DDA 22E&F Structural /Fdn Submission	50	3	11MAR2011	26MAY2011	78d	08JUL2011	16SEP2011
DPD500780	Chemical: DDA 22E&F Struct /Fdn Check & Approval	77	2	27MAY2011	11AUG2011	115d	19SEP2011	04DEC2011
DPD500800	Chemical: DDA 22E&F General Arrangement Plan	15	3	11MAR2011	31MAR2011	78d	08JUL2011	28JUL2011
DPD500900	Chemical: DDA 22E&F Foundation Plan	15	3	01APR2011	26APR2011	78d	29JUL2011	18AUG2011
DPD501000	Chemical: DDA 22E&F Structural Plan	15	3	01APR2011	26APR2011	78d	29JUL2011	18AUG2011
DPD501100	Chemical: DDA 22E&F Reinforcement Detail	15	3	27APR2011	19MAY2011	78d	19AUG2011	08SEP2011
DPD501110	Chemical: DDA 22E&F Contractor Review on RC	5	3	20MAY2011	26MAY2011	78d	09SEP2011	16SEP2011
DPD501120	Chemical: DDA 22E&F Structure /Fdn to Checker	0	2		26MAY2011	115d		18SEP2011
DPD501130	Chemical : DDA 22E&F Checker Endorse Struct /Fdn	21	2	27MAY2011	16JUN2011	115d	19SEP2011	09OCT2011
DPD501140	Chemical: DDA 22E&F Structure /Fdn to SO	0	2		16JUN2011	115d		09OCT2011
DPD501150	Chemical: DDA 22E&F SO Approval on Struct/ Fdn	56	2	17JUN2011	11AUG2011	115d	10OCT2011	04DEC2011
DPD501160	Chemical: DDA 22E&F Struct/ Fdn Consent Granted	0	2		11AUG2011	115d		04DEC2011
DPD501300	Chemical: DDA 22G Mis Civil Submission	25	3	05MAY2011	10JUN2011	107d	10OCT2011	11NOV2011
DPD501310	Chemical: DDA 22G Mis Civil Check/Approval	77	2	11JUN2011	26AUG2011	154d	12NOV2011	27JAN2012
DPD501320	Chemical: DDA 22G Mis Civil Detail	20	3	05MAY2011	02JUN2011	107d	10OCT2011	04NOV2011
DPD501330	Chemical: DDA 22G Contractor Review on Mis Civil	5	3	03JUN2011	10JUN2011	107d	07NOV2011	11NOV2011
DPD501340	Chemical: DDA 22G Mis Civil Provision to Checker	0	3		10JUN2011	107d		11NOV2011
DPD501350	Chemical: DDA 22G Checker Endorse Mis Civil	21	2	11JUN2011	01JUL2011	154d	12NOV2011	02DEC2011
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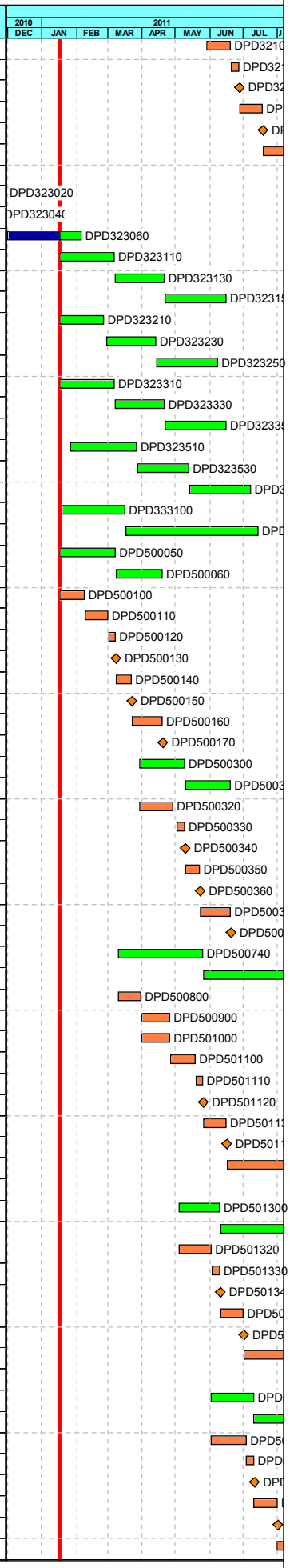
DPD501370	Chemical: DDA 22G SO Review on Mis Civil	56	2	02JUL2011	26AUG2011	154d	03DEC2011	27JAN2012
DPD501380	Chemical: DDA 22G Mis Civil Consent Granted	0	2		26AUG2011	154d		27JAN2012
DPD501500	Chemical: DDA 22H Architectural Submission	25	3	02JUN2011	11JUL2011	91d	13OCT2011	16NOV2011
DPD501510	Chemical: DDA 22H Architectural Check & Approval	77	2	11JUL2011	26SEP2011	129d	17NOV2011	01FEB2012
DPD501520	Chemical: DDA 22H Architectural Detail	20	3	02JUN2011	04JUL2011	91d	13OCT2011	09NOV2011
DPD501530	Chemical: DDA 22H Contractor Review on Architect	5	3	04JUL2011	11JUL2011	91d	10NOV2011	16NOV2011
DPD501540	Chemical: DDA 22H Architecture to Checker	0	2		11JUL2011	129d		16NOV2011
DPD501550	Chemical: DDA 22H Checker Endorse Architecture	21	2	11JUL2011	01AUG2011	129d	17NOV2011	07DEC2011
DPD501560	Chemical: DDA 22H Architecture to SO	0	2		01AUG2011	129d		07DEC2011
DPD501570	Chemical: DDA 22H SO Approval on Architecture	56	2	01AUG2011	26SEP2011	129d	08DEC2011	01FEB2012



Start date	14JUL2010
Finish date	25NOV2013
Data date	17JAN2011
Run date	31JAN2011
Page number	8A
Project name	WP02
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PPSTW Works Programme Rev.02 (Draft 2011.1.17)

Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD501580	Chemical: DDA 22H Architecture Consent Granted	0	2		26SEP2011	129d		01FEB2012
DPD501700	Chemical: DDA 22J Mis Architectural Submission	20	3	17JUN2011	18JUL2011	113d	28NOV2011	23DEC2011
DPD501710	Chemical: DDA 22J Mis Architect Check & Approval	77	2	18JUL2011	03OCT2011	160d	25DEC2011	10MAR2012
DPD501720	Chemical: DDA 22J Mis Architectural Details	15	3	17JUN2011	11JUL2011	113d	28NOV2011	16DEC2011
DPD501730	Chemical: DDA22J Contractor Review Mis Architect	5	3	11JUL2011	18JUL2011	113d	19DEC2011	23DEC2011
DPD501740	Chemical: DDA 22J Mis Architectural to Checker	0	2		18JUL2011	160d		24DEC2011
DPD501750	Chemical: DDA 22J Checker Endorse Mis Architect	21	2	18JUL2011	08AUG2011	160d	25DEC2011	14JAN2012
DPD501760	Chemical: DDA 22J Mis Architectural to SO	0	2		08AUG2011	160d		14JAN2012
DPD501770	Chemical: DDA 22J SO Approval on Mis Architect	56	2	08AUG2011	03OCT2011	160d	15JAN2012	10MAR2012
DPD501780	Chemical: DDA 22J Mis Architect Consent Granted	0	2		03OCT2011	160d		10MAR2012
DPD503020	Chemical: AIP 18A E&M GA Drg - Submission	40	2	06SEP2010 A	21OCT2010 A		06SEP2010 A	21OCT2010 A
DPD503040	Chemical: AIP 18A E&M GA Drg - DC Check	14	3	26OCT2010 A	24NOV2010 A		26OCT2010 A	24NOV2010 A
DPD503060	Chemical: AIP 18A E&M GA Drg - SO Rev & Appr	28	2	01DEC2010 A	31JAN2011	120d	01DEC2010 A	31MAY2011
DPD503110	Chemical: DDA 22A Elect Dwg - Submission	60	2	01FEB2011	01APR2011	142d	23JUN2011	21AUG2011
DPD503130	Chemical: DDA 22A Elect Dwg - DC Checking	30	3	04APR2011	20MAY2011	93d	22AUG2011	03OCT2011
DPD503150	Chemical: DDA 22A Elect Dwg - SO review and Appr	56	2	21MAY2011	15JUL2011	136d	04OCT2011	28NOV2011
DPD503210	Chemical: DDA 22B Mech Dwg - Submission	60	2	01FEB2011	01APR2011	120d	01JUN2011	30JUL2011
DPD503230	Chemical: DDA 22B Mech Dwg - DC Checking	30	3	04APR2011	20MAY2011	93d	22AUG2011	03OCT2011
DPD503250	Chemical: DDA 22B Mech Dwg - SO review and Appr	56	2	21MAY2011	15JUL2011	136d	04OCT2011	28NOV2011
DPD503310	Chemical: DDA 22C BS Dwg - Submission	60	2	01FEB2011	01APR2011	142d	23JUN2011	21AUG2011
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DPD503350	Chemical: DDA 22C BS Dwg - SO review and Appr	56	2	21MAY2011	15JUL2011	136d	04OCT2011	28NOV2011
DPD503510	Chemical: DDA 22D E&MCR Dwg - Submission	60	2	01FEB2011	01APR2011	120d	01JUN2011	30JUL2011
DPD503530	Chemical: DDA 22D E&MCR Dwg - DC Checking	30	3	04APR2011	20MAY2011	187d	04JAN2012	14FEB2012
DPD503550	Chemical: DDA 22D E&MCR Dwg - SO review and	56	2	21MAY2011	15JUL2011	270d	15FEB2012	10APR2012
DPD513100	Chemical: Chemical Dosing Equipment Submission	60	2	30NOV2010 A	15FEB2011	136d	30NOV2010 A	01JUL2011
DPD513200	Chemical: Chemical Dosing Equipment Approval	150	2	16FEB2011	15JUL2011	136d	02JUL2011	28NOV2011
DPD600050	Sludge : AIP 12B Civil GA Drg Submission	50	3	27SEP2010 A	27JAN2011	25d	27SEP2010 A	07MAR2011
DPD600060	Sludge: AIP 12B Civil Checking and Approval	82	2	28JAN2011	19APR2011	39d	08MAR2011	28MAY2011
DPD600100	Sludge: AIP 12B General Arrangement Plan	20	3	27SEP2010 A	18JAN2011	0	27SEP2010 A	18JAN2011
DPD600200	Sludge: AIP 12B Structural & Foundation Plan	30	3	01APR2011	07APR2011	13d	25APR2011	28APR2011
DPD600210	Sludge: AIP12B Contractor Review on Struct & Fdn	5	3	17JAN2011	21JAN2011	13d	07FEB2011	11FEB2011
DPD600220	Sludge: AIP 12B Structure and Fdn to Checker	0	3		21JAN2011	13d		11FEB2011
DPD600230	Sludge: AIP 12B Checker Endorse Structure /Fdn	54	2	22JAN2011	16MAR2011	23d	14FEB2011	08APR2011
DPD600240	Sludge: AIP 12B Structure and Fdn to SO	0	2		16MAR2011	45d		30APR2011
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DPD600410	Sludge: AIP 12C Architectural Submission	25	3	08NOV2010 A	18JAN2011	52d	08NOV2010 A	04APR2011
DPD600420	Sludge: AIP 12C Architectural Check and Approval	83	2	19JAN2011	11APR2011	77d	06APR2011	27JUN2011
DPD600430	Sludge: AIP 12C Architectural Detail	20	3	08NOV2010 A	18JAN2011	50d	08NOV2010 A	31MAR2011
DPD600440	Sludge: AIP 12C Contractor Review on Architect	5	3	19JAN2011	25JAN2011	50d	01APR2011	12APR2011
DPD600450	Sludge: AIP 12C Architectural to Checker	0	2		25JAN2011	77d		12APR2011
DPD600460	Sludge: AIP 12C Checker Endorse Architectural	48	2	26JAN2011	14MAR2011	77d	13APR2011	30MAY2011
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DPD600480	Sludge: AIP 12C SO Approval on Architectural	28	2	15MAR2011	11APR2011	77d	31MAY2011	27JUN2011
DPD600490	Sludge: AIP 12C Architectural Consent Granted	0	2		11APR2011	77d		27JUN2011
DPD600720	Sludge: DDA 16E Foundation Submission	25	3	23MAR2011	29APR2011	14d	15APR2011	23MAY2011
DPD600740	Sludge: DDA 16E Foundation Checking and Approval	77	2	30APR2011	15JUL2011	38d	07JUN2011	22AUG2011
DPD600800	Sludge: DDA 16E General Arrangement Plan	20	3	23MAR2011	22APR2011	14d	15APR2011	16MAY2011
DPD600810	Sludge: DDA 16E Foundation Plan	20	3	23MAR2011	22APR2011	23d	28APR2011	27MAY2011
DPD600820	Sludge: DDA 16E Contractor Review on Fdn Plan	5	3	25APR2011	29APR2011	23d	30MAY2011	03JUN2011
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DPD600840	Sludge: DDA 16E Checker Endorse Foundation	21	2	30APR2011	20MAY2011	38d	07JUN2011	27JUN2011
DPD600900	Sludge: DDA 16E Foundation to SO	0	2		20MAY2011	38d		27JUN2011
DPD600920	Sludge: DDA 16E SO Approval on Foundation	56	2	21MAY2011	15JUL2011	38d	28JUN2011	22AUG2011
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DPD600960	Sludge: DDA 16F Structural Submission	45	3	12APR2011	16JUN2011	13d	29APR2011	06JUL2011
DPD600980	Sludge: DDA 16F Structural Checking and Approval	77	2	17JUN2011	01SEP2011	20d	07JUL2011	21SEP2011
DPD601000	Sludge: DDA 16F Structural Plan	20	3	12APR2011	11MAY2011	13d	29APR2011	30MAY2011
DPD601010	Sludge: DDA 16F Reinforcement Detail	20	3	12MAY2011	09JUN2011	13d	31MAY2011	28JUN2011
DPD601020	Sludge: DDA 16F Contractor Review on Structure	5	3	10JUN2011	16JUN2011	13d	29JUN2011	06JUL2011
DPD601030	Sludge: DDA 16F Structural to Checker	0	2		16JUN2011	20d		06JUL2011
DPD601040	Sludge: DDA 16F Checker Endorse Structure	21	2	17JUN2011	07JUL2011	20d	07JUL2011	27JUL2011
DPD601050	Sludge: DDA 16F Structural to SO	0	2		07JUL2011	20d		27JUL2011
DPD601060	Sludge: DDA 16F SO Approval on Structure	56	2	08JUL2011	01SEP2011	20d	28JUL2011	21SEP2011
DPD601070	Sludge: DDA 16F Structure Consent Granted	0	2		01SEP2011	20d		21SEP2011
DPD601200	Sludge: DDA 16G Mis Civil Submission	35	3	26MAY2011	15JUL2011	76d	14SEP2011	02NOV2011
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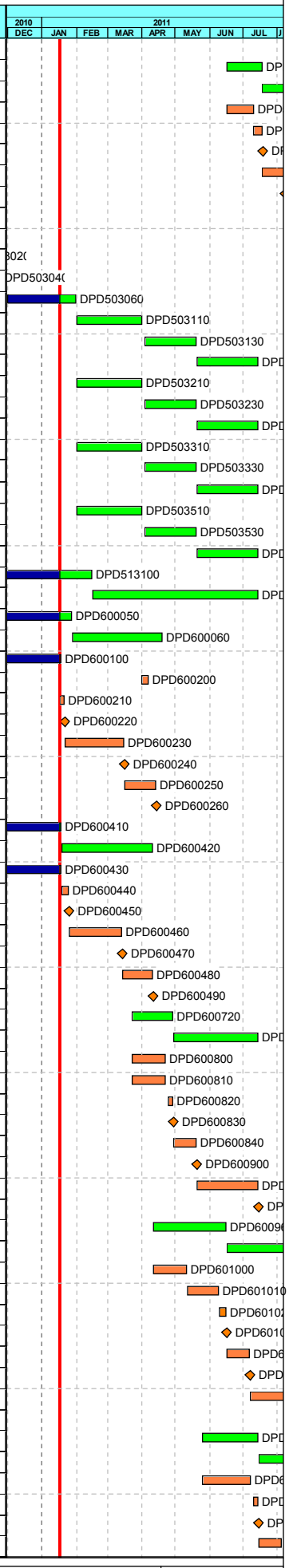
DPD601220	Sludge: DDA 16G Mis Civil detail	30	3	26MAY2011	08JUL2011	76d	14SEP2011	26OCT2011
DPD601230	Sludge: DDA 16G Contractor Review on Mis Civil	5	3	11JUL2011	15JUL2011	76d	27OCT2011	02NOV2011
DPD601240	Sludge: DDA 16G Mis Civil to Checker	0	2		15JUL2011	110d		02NOV2011
DPD601250	Sludge: DDA 16G Checker Endorse Mis Civil	21	2	16JUL2011	05AUG2011	110d	03NOV2011	23NOV2011



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DPD601280	Sludge: DDA 16G Mis Civil Consent Granted	0	2		30SEP2011	110d		18JAN2012
DPD603020	Sludge: AIP 12A E&M GA Drg - Submission	40	2	12SEP2010 A	26OCT2010 A		12SEP2010 A	26OCT2010 A
DPD603040	Sludge: AIP 12A E&M GA Drg - DC Check	14	3	28OCT2010 A	24NOV2010 A		28OCT2010 A	24NOV2010 A
DPD603060	Sludge: AIP 12A E&M GA Drg -SO Rew & Appr	28	2	01DEC2010 A	17JAN2011	21d	01DEC2010 A	07FEB2011
DPD603110	Sludge: DDA 16A Elect Dwg - Submission	60	2	18JAN2011	18MAR2011	153d	20JUN2011	18AUG2011
DPD603130	Sludge: DDA 16A Elect Dwg - DC Checking	30	3	21MAR2011	05MAY2011	102d	19AUG2011	30SEP2011
DPD603150	Sludge: DDA 16A Elect Dwg - SO review and Appr	56	2	06MAY2011	30JUN2011	149d	02OCT2011	26NOV2011
DPD603210	Sludge: DDA 16B Mech Dwg - Submission	60	2	18JAN2011	18MAR2011	21d	08FEB2011	08APR2011
DPD603230	Sludge: DDA 16B Mech Dwg - DC Checking	30	3	21MAR2011	05MAY2011	102d	19AUG2011	30SEP2011
DPD603250	Sludge: DDA 16B Mech Dwg - SO review and Appr	56	2	06MAY2011	30JUN2011	149d	02OCT2011	26NOV2011
DPD603310	Sludge: DDA 16C BS Dwg - Submission	60	2	18JAN2011	18MAR2011	153d	20JUN2011	18AUG2011
DPD603330	Sludge: DDA 16C BS Dwg - DC Checking	30	3	21MAR2011	05MAY2011	102d	19AUG2011	30SEP2011
DPD603350	Sludge: DDA 16C BS Dwg - SO review and Appr	56	2	06MAY2011	30JUN2011	149d	02OCT2011	26NOV2011
DPD603510	Sludge: DDA 16D E&MCR Dwg - Submission	60	2	18JAN2011	18MAR2011	21d	08FEB2011	08APR2011
DPD603530	Sludge: DDA 16D E&MCR Dwg - DC Checking	30	3	21MAR2011	05MAY2011	205d	16JAN2012	24FEB2012
DPD603550	Sludge: DDA 16D E&MCR Dwg - SO rew and Appr	56	2	06MAY2011	30JUN2011	295d	25FEB2012	20APR2012
DPD613100	Sludge: Sldge Dewatering System Submission	75	2	15DEC2010 A	25FEB2011	154d	15DEC2010 A	29JUL2011
DPD613200	Sludge: Sludge Dewatering sys Check & Appr	120	2	26FEB2011	25JUN2011	154d	30JUL2011	26NOV2011
DPD700050	DOU : AIP 14B Civil GA Drg Submission	30	3	02MAR2011	15APR2011	41d	04MAY2011	16JUN2011
DPD700060	DOU: AIP 14B Civil Checking and Approval	42	2	16APR2011	27MAY2011	115d	09AUG2011	19SEP2011
DPD700100	DOU: AIP 14B General Arrangement Plan	12	3	02MAR2011	17MAR2011	61d	02JUN2011	20JUN2011
DPD700200	DOU: AIP 14B Structural & Foundation Plan	12	3	18MAR2011	04APR2011	77d	14JUL2011	29JUL2011
DPD700210	DOU: AIP 14B Contractor Review on Struct / Fdn	6	3	06APR2011	15APR2011	77d	01AUG2011	08AUG2011
DPD700300	DOU: AIP 14B Structure and Fdn to Checker	0	2		15APR2011	115d		08AUG2011
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DPD700500	DOU: AIP 14B Structure and Fdn to SO	0	2		29APR2011	115d		22AUG2011
DPD700600	DOU: AIP 14B SO Approval on Structure and Fdn	28	2	30APR2011	27MAY2011	115d	23AUG2011	19SEP2011
DPD700700	DOU: AIP 14B Structure and Fdn Consent Granted	0	2		27MAY2011	115d		19SEP2011
DPD700740	DOU: DDA 18E&F Structural / Fdn Submission	40	3	15APR2011	14JUN2011	77d	08AUG2011	03OCT2011
DPD700780	DOU: DDA 18E&F Structural / Fdn Check & Approval	77	2	15JUN2011	30AUG2011	111d	04OCT2011	19DEC2011
DPD700800	DOU: DDA 18E&F General Arrangement Plan	10	3	15APR2011	28APR2011	77d	08AUG2011	19AUG2011
DPD700810	DOU: DDA 18E&F Foundation Plan	15	3	29APR2011	23MAY2011	77d	22AUG2011	09SEP2011
DPD700820	DOU: DDA 18E&F Structural Plan	15	3	09MAY2011	30MAY2011	72d	22AUG2011	09SEP2011
DPD700830	DOU: DDA 18E&F Reinforcement Detail	10	3	31MAY2011	14JUN2011	72d	12SEP2011	26SEP2011
DPD700840	DOU: DDA 18E&F Contractor Review on Struct / Fdn	5	3	15JUN2011	21JUN2011	72d	27SEP2011	03OCT2011
DPD700850	DOU: DDA 18E&F Structural / Fdn to Checker	0	2		21JUN2011	104d		03OCT2011
DPD700860	DOU: DDA 18E&F Checker Endorse Struct / Fdn	21	2	22JUN2011	12JUL2011	104d	04OCT2011	24OCT2011
DPD700870	DOU: DDA 18E&F Structural / Fdn to SO	0	2		12JUL2011	104d		24OCT2011
DPD700880	DOU: DDA 18E&F SO Approval on Struct / Fdn	56	2	13JUL2011	06SEP2011	104d	25OCT2011	19DEC2011
DPD700890	DOU: DDA 16E&F Struct / Fdn Consent Granted	0	2		06SEP2011	104d		19DEC2011
DPD701000	DOU: DDA 18G Mis Civil Submission	30	3	15JUN2011	27JUL2011	95d	31OCT2011	09DEC2011
DPD701010	DOU: DDA 18G Mis Civil Check / Approval	77	2	28JUL2011	12OCT2011	137d	12DEC2011	26FEB2012
DPD701020	DOU: DDA 18G Mis Civil Details	25	3	15JUN2011	20JUL2011	95d	31OCT2011	02DEC2011
DPD701030	DOU: DDA 18G Contractor Review Mis Civil	5	3	21JUL2011	27JUL2011	95d	05DEC2011	09DEC2011
DPD701040	DOU: DDA 18G Mis Civil to Checker	0	3		27JUL2011	95d		09DEC2011
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DPD701070	DOU: DDA 18G SO Approval on Mis Civil	56	2	18AUG2011	12OCT2011	137d	02JAN2012	26FEB2012
DPD701080	DOU: DDA 18G Mis Civil Consent Granted	0	2		12OCT2011	137d		26FEB2012
DPD703020	DOU: AIP 14A E&M GA Drg Submission	50	2	01SEP2010 A	19OCT2010 A		01SEP2010 A	19OCT2010 A
DPD703040	DOU: AIP 14A E&M GA Drg - DC Check	14	3	20OCT2010 A	25DEC2010 A		20OCT2010 A	25DEC2010 A
DPD703060	DOU: AIP 14A E&M GA Drg - SO rew & Appr	28	2	01DEC2010 A	17JAN2011	142d	01DEC2010 A	08JUN2011
DPD703110	DOU: DDA 18A Elect Dwg - Submission	70	2	08MAR2011	16MAY2011	93d	09JUN2011	17AUG2011
DPD703130	DOU: DDA 18A Elect Dwg - DC Checking	30	3	17MAY2011	28JUN2011	65d	18AUG2011	29SEP2011
DPD703150	DOU: DDA 18A Elect Dwg - SO review and Appr	56	2	29JUN2011	23AUG2011	93d	30SEP2011	24NOV2011
DPD703210	DOU: DDA 18B Mech Dwg - Submission	70	2	08MAR2011	16MAY2011	93d	09JUN2011	17AUG2011
DPD703230	DOU: DDA 18B Mech Dwg - DC Checking	30	3	17MAY2011	28JUN2011	65d	18AUG2011	29SEP2011
DPD703250	DOU: DDA 18B Mech Dwg - SO review and Appr	56	2	29JUN2011	23AUG2011	93d	30SEP2011	24NOV2011
DPD703310	DOU: DDA 18C BS Dwg - Submission	70	2	08MAR2011	16MAY2011	93d	09JUN2011	17AUG2011
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DPD703350	DOU: DDA 18C BS Dwg - SO review and Appr	56	2	29JUN2011	23AUG2011	93d	30SEP2011	24NOV2011
DPD703510	DOU: DDA 18D E&MCR Dwg - Submission	70	2	08MAR2011	16MAY2011	102d	18JUN2011	26AUG2011
DPD703511	DOU: DDA 18D E&MCR Dwg - Submission	25	3	08MAR2011	14APR2011	72d	24JUN2011	29JUL2011
DPD703530	DOU: DDA 18D E&MCR Dwg - DC Checking	30	3	17MAY2011	28JUN2011	208d	09MAR2012	19APR2012
DPD703550	DOU: DDA 18D E&MCR Dwg - SO rew and Appr	56	2	29JUN2011	23AUG2011	296d	20APR2012	14JUN2012
DPD713100	DOU: DOU sys Submission	65	2	07JAN2011 A	07MAR2011	82d	07JAN2011 A	28MAY2011
DPD713200	DOU: DOU Sys Approval	150	2	08MAR2011	04AUG2011	82d	29MAY2011	25OCT2011
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DPD800080	Admin Bldg: AIP 19B Civil Checking and Approval	70	2	31DEC2010 A	17FEB2011	24d	31DEC2010 A	13MAR2011
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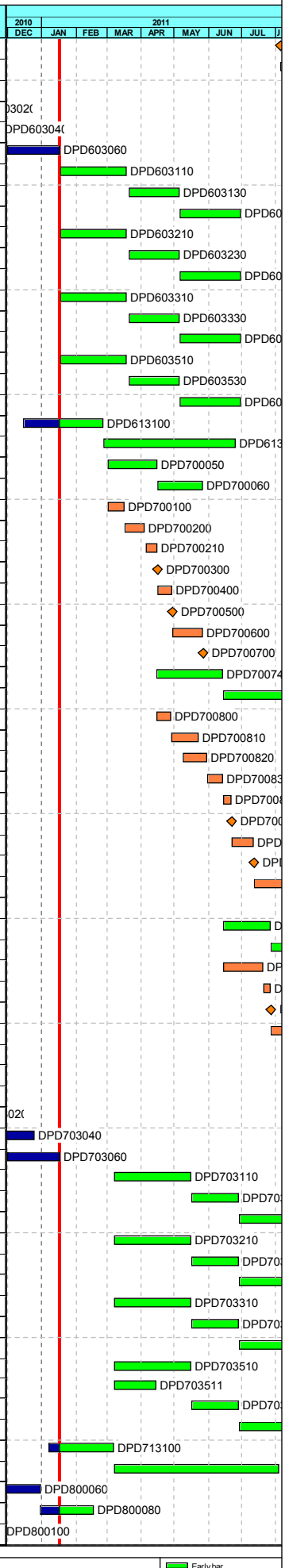

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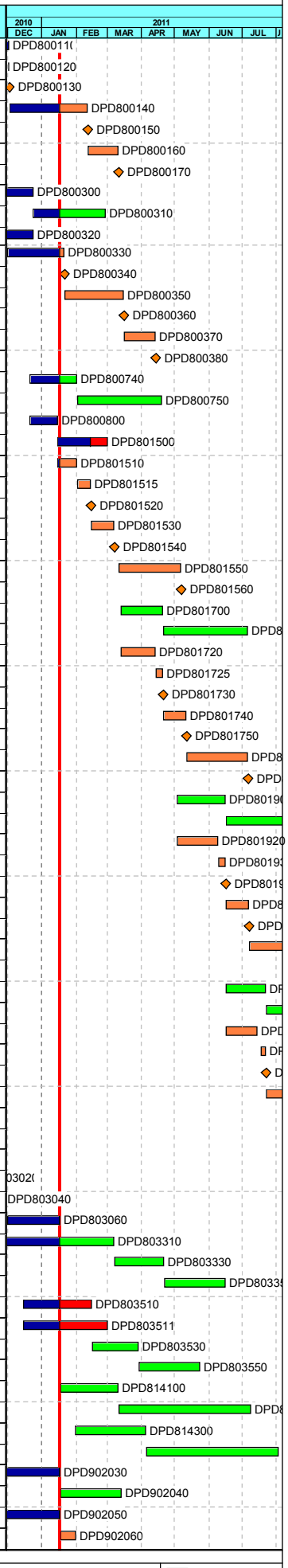
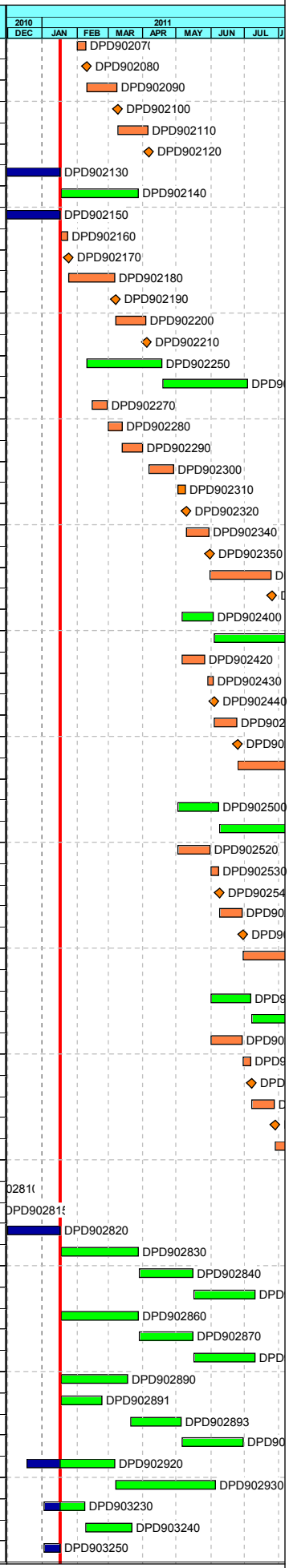
DPD800120	Admin Bldg: AIP 19B Contractor Review Struct&Fdn	5	3	02DEC2010 A	02DEC2010 A		02DEC2010 A	02DEC2010 A
DPD800130	Admin Bldg: AIP 19B Submission to Checker	0	2		02DEC2010 A			02DEC2010 A
DPD800140	Admin Bldg: AIP 19B Checker Endorse Struct/Fdn	42	2	03DEC2010 A	11FEB2011	2d	03DEC2010 A	13FEB2011
DPD800150	Admin Bldg: AIP 19B Submission to SO	0	2		11FEB2011	2d		13FEB2011
DPD800160	Admin Bldg: AIP 19B SO Review and Approval	28	2	12FEB2011	11MAR2011	2d	14FEB2011	13MAR2011
DPD800170	Admin Bldg: AIP 19B Consent Granted	0	2		11MAR2011	2d		13MAR2011
DPD800300	Admin Bldg: AIP 19C Architecture Plan	35	3	26OCT2010 A	24DEC2010 A		26OCT2010 A	24DEC2010 A
DPD800310	Admin Bldg: AIP 19C Architecture Check /Approval	82	2	24DEC2010 A	27FEB2011	74d	24DEC2010 A	12MAY2011
DPD800320	Admin Bldg: AIP 19C Architecture Plan	30	3	26OCT2010 A	24DEC2010 A		26OCT2010 A	24DEC2010 A
DPD800330	Admin Bldg: AIP 19C Contractor Review Architect	5	3	01DEC2010 A	21JAN2011	18d	01DEC2010 A	18FEB2011
DPD800340	Admin Bldg: AIP 19C Architecture to Checker	0	2		21JAN2011	29d		19FEB2011
DPD800350	Admin Bldg: AIP 19C Checker Endorse Architecture	54	2	22JAN2011	16MAR2011	29d	20FEB2011	14APR2011
DPD800360	Admin Bldg: AIP 19C SO Review on Architecture	0	2		16MAR2011	29d		14APR2011
DPD800370	Admin Bldg: AIP 19C SO Approval on Architecture	28	2	17MAR2011	13APR2011	29d	15APR2011	12MAY2011
DPD800380	Admin Bldg: AIP 19C Architecture Consent Granted	0	2		13APR2011	29d		12MAY2011
DPD800740	Admin Bldg: DDA 23D&E Fdn/ Structural Submission	32	3	21DEC2010 A	01FEB2011	11d	21DEC2010 A	18FEB2011
DPD800750	Admin Bldg: DDA 23D&E Fdn/Struct Check/ Approval	77	2	02FEB2011	19APR2011	19d	21FEB2011	08MAY2011
DPD800800	Admin Bldg: DDA 23D&E General Arrangement Plan	10	3	21DEC2010 A	15JAN2011 A		21DEC2010 A	15JAN2011 A
DPD801500	Admin Bldg: DDA 23D&E Structural Plan	15	3	15JAN2011 A	01MAR2011	0	15JAN2011 A	01MAR2011
DPD801510	Admin Bldg: DDA 23D&E Reinforcement Detail	15	3	15JAN2011 A	01FEB2011	4d	15JAN2011 A	09FEB2011
DPD801515	Admin Bldg: DDA 23D&E Contractor Review Struct	7	3	02FEB2011	14FEB2011	4d	10FEB2011	18FEB2011
DPD801520	Admin Bldg: DDA 23D&E Structure to Checker	0	2		14FEB2011	6d		20FEB2011
DPD801530	Admin Bldg: DDA 23D&E Checker Endorse Struct	21	2	15FEB2011	07MAR2011	6d	21FEB2011	13MAR2011
DPD801540	Admin Bldg: DDA 23D&E Structure to SO	0	2		07MAR2011	6d		13MAR2011
DPD801550	Admin Bldg: DDA 23D&E SO Approval on Structure	56	2	12MAR2011	06MAY2011	2d	14MAR2011	08MAY2011
DPD801560	Admin Bldg: DDA 23D&D Structure Consent Granted	0	2		06MAY2011	2d		08MAY2011
DPD801700	Admin Bldg: DDA 23F Mis Civil Submission	25	3	14MAR2011	20APR2011	9d	25MAR2011	04MAY2011
DPD801710	Admin Bldg: DDA 23F Mis Civil Check / Approval	77	2	21APR2011	06JUL2011	14d	05MAY2011	20JUL2011
DPD801720	Admin Bldg: DDA 23F Mis Civil Detail	20	3	14MAR2011	13APR2011	9d	25MAR2011	26APR2011
DPD801725	Admin Bldg: DDA 23F Contractor Review Mis Civil	5	3	14APR2011	20APR2011	9d	27APR2011	04MAY2011
DPD801730	Admin Bldg: DDA 23F Mis Civil to Checker	0	2		20APR2011	14d		04MAY2011
DPD801740	Admin Bldg: DDA 23F Checker Endorse Civil	21	2	21APR2011	11MAY2011	14d	05MAY2011	25MAY2011
DPD801750	Admin Bldg: DDA 23F Mis Civil to SO	0	2		11MAY2011	14d		25MAY2011
DPD801760	Admin Bldg: DDA 23F SO Approval on Mis Civil	56	2	12MAY2011	06JUL2011	14d	26MAY2011	20JUL2011
DPD801770	Admin Bldg: DDA 23F Mis Civil Consent Granted	0	2		06JUL2011	14d		20JUL2011
DPD801900	Admin Bldg: DDA 23G Architectural Submission	30	3	04MAY2011	16JUN2011	20d	02JUN2011	15JUL2011
DPD801910	Admin Bldg: DDA 23G Architecture Check &Approval	77	2	17JUN2011	01SEP2011	64d	20AUG2011	04NOV2011
DPD801920	Admin Bldg: DDA 23G Architectural Detail	25	3	04MAY2011	09JUN2011	45d	11JUL2011	12AUG2011
DPD801930	Admin Bldg: DDA 23G Contractor Review Architect	5	3	10JUN2011	16JUN2011	45d	15AUG2011	19AUG2011
DPD801940	Admin Bldg: DDA 23G Architectural to Checker	0	2		16JUN2011	64d		19AUG2011
DPD801950	Admin Bldg: DDA 23G Checker Endorse Architecture	21	2	17JUN2011	07JUL2011	64d	20AUG2011	09SEP2011
DPD801960	Admin Bldg: DDA 23G Architectural to SO	0	2		07JUL2011	64d		09SEP2011
DPD801970	Admin Bldg: DDA 23G SO Approval on Architectural	56	2	08JUL2011	01SEP2011	64d	10SEP2011	04NOV2011
DPD801980	Admin Bldg: DDA 23G Architecture Consent Granted	0	2		01SEP2011	64d		04NOV2011
DPD802100	Admin Bldg: DDA 23H Mis Architectural Submission	25	3	17JUN2011	22JUL2011	20d	18JUL2011	19AUG2011
DPD802110	Admin Bldg: DDA 23H Mis Archit Check & Approval	77	2	23JUL2011	07OCT2011	28d	20AUG2011	04NOV2011
DPD802120	Admin Bldg: DDA 23H Mis Architectural Detail	20	3	17JUN2011	15JUL2011	20d	18JUL2011	12AUG2011
DPD802130	Admin Bldg: DDA 23H Contractor Review Mis Archit	5	3	18JUL2011	22JUL2011	20d	15AUG2011	19AUG2011
DPD802140	Admin Bldg: DDA 23H Mis Architectural to Checker	0	2		22JUL2011	28d		19AUG2011
DPD802150	Admin Bldg: DDA 23H Checker Endorse Mis Archit	21	2	23JUL2011	12AUG2011	28d	20AUG2011	09SEP2011
DPD802160	Admin Bldg: DDA 23H Mis Architectural to SO	0	2		12AUG2011	28d		09SEP2011
DPD802170	Admin Bldg: DDA 23H SO Approval on Mis Archit	56	2	13AUG2011	07OCT2011	28d	10SEP2011	04NOV2011
DPD802180	Admin Bldg: DDA 23H Mis Archit Consent Granted	0	2		07OCT2011	28d		04NOV2011
DPD803020	Admin Bldg: AIP 19A E&M GA Drg Submission	40	2	01SEP2010 A	28OCT2010 A		01SEP2010 A	28OCT2010 A
DPD803040	Admin Bldg: AIP 19A E&M GA Drg - DC Check	14	3	29OCT2010 A	27NOV2010 A		29OCT2010 A	27NOV2010 A
DPD803060	Admin Bldg: AIP 19A E&M GA Drg - SO Rew . & Appr.	28	2	01DEC2010 A	17JAN2011	0	01DEC2010 A	17JAN2011
DPD803310	Admin Bldg: DDA 23C BS Dw g - Submission	60	2	01NOV2010 A	07MAR2011	122d	01NOV2010 A	07JUL2011
DPD803330	Admin Bldg: DDA 23C BS Dw g - DC Checking	30	3	08MAR2011	21APR2011	81d	08JUL2011	18AUG2011
DPD803350	Admin Bldg: DDA 23C BS Dw g - SO review and Appr	56	2	22APR2011	16JUN2011	119d	19AUG2011	13OCT2011
DPD803510	Admin Bldg: DDA 23D E&MCR Dw g - Submission	60	2	15DEC2010 A	15FEB2011	0	15DEC2010 A	15FEB2011
DPD803511	Admin Bldg: DDA 23D E&MCR Dw g - Submission	25	3	15DEC2010 A	01MAR2011	0	15DEC2010 A	01MAR2011
DPD803530	Admin Bldg: DDA 23C BS Dw g - DC Checking	30	3	16FEB2011	29MAR2011	3d	21FEB2011	01APR2011
DPD803550	Admin Bldg: DDA 23C BS Dw g - SO review and Appr	56	2	30MAR2011	24MAY2011	3d	02APR2011	27MAY2011
DPD814100	Admin Bldg: Building Services Submission	63	2	18JAN2011 A	11MAR2011	4d	18JAN2011 A	15MAR2011
DPD814200	Admin Bldg: Building Services Check&Approval	120	2	12MAR2011	09JUL2011	29d	10APR2011	07AUG2011
DPD814300	Admin Bldg: Building Services Drg Submission	65	2	31JAN2011	05APR2011	4d	04FEB2011	09APR2011
DPD814400	Admin Bldg: Building Services Drg Check App	120	2	06APR2011	03AUG2011	4d	10APR2011	07AUG2011
DPD902030	Elect Bldg 1: AIP 15B Civil GA Drg Submission	20	3	25NOV2010 A	17JAN2011	9d	25NOV2010 A	28JAN2011
DPD902040	Elect Bldg 1: AIP 15B Civil Checking & Approval	56	2	18JAN2011	14MAR2011	11d	29JAN2011	25MAR2011
DPD902050	Elect Bldg 1: AIP 15B General Arrangement Plan	10	3	25NOV2010 A	17JAN2011	5d	25NOV2010 A	24JAN2011
DPD902060	Elect Bldg 1: AIP 15B Structural & Fdn Plan	10	3	18JAN2011	31JAN2011	5d	25JAN2011	09FEB2011



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD902070	Elect Bldg 1: AIP15B Contractor Review Strut&Fdn	5	3	01FEB2011	09FEB2011	5d	10FEB2011	16FEB2011
DPD902080	Elect Bldg 1: AIP 15B Struct and Fdn to Checker	0	3		09FEB2011	5d		16FEB2011
DPD902090	Elect Bldg 1: AIP 15B Checker Endorse Struct&Fdn	28	2	10FEB2011	09MAR2011	14d	24FEB2011	23MAR2011
DPD902100	Elect Bldg 1: AIP 15B Struct and Fdn to SO	0	2		09MAR2011	14d		23MAR2011
DPD902110	Elect Bldg 1: AIP 15B SO Approval Struct & Fdn	28	2	10MAR2011	06APR2011	14d	24MAR2011	20APR2011
DPD902120	Elect Bldg 1: AIP 15B Struct/Fdn Consent Granted	0	2		06APR2011	14d		20APR2011
DPD902130	Elect Bldg 1: AIP 15C Architectural Submission	20	3	29NOV2010 A	17JAN2011	64d	29NOV2010 A	22APR2011
DPD902140	Elect Bldg 1: AIP15C Architecture Check/Approval	70	2	18JAN2011	28MAR2011	97d	25APR2011	03JUL2011
DPD902150	Elect Bldg 1: AIP 15C Architectural Detail	15	3	29NOV2010 A	17JAN2011	59d	29NOV2010 A	15APR2011
DPD902160	Elect Bldg 1: AIP15C Contractor Review Architect	5	3	18JAN2011	24JAN2011	59d	18APR2011	22APR2011
DPD902170	Elect Bldg 1: AIP 15C Architectural to Checker	0	2		24JAN2011	90d		24APR2011
DPD902180	Elect Bldg 1: AIP15C Checker Endorse Archit	42	2	25JAN2011	07MAR2011	90d	25APR2011	05JUN2011
DPD902190	Elect Bldg 1: AIP 15C Architectural to SO	0	2		07MAR2011	90d		05JUN2011
DPD902200	Elect Bldg 1: AIP 15C SO Approval Architecture	28	2	08MAR2011	04APR2011	90d	06JUN2011	03JUL2011
DPD902210	Elect Bldg 1: AIP 15C Architecture Consent Grant	0	2		04APR2011	90d		03JUL2011
DPD902250	Elect Bldg 1: DDA 19E&F Fdn/Structure Submission	45	3	10FEB2011	18APR2011	5d	17FEB2011	25APR2011
DPD902260	Elect Bldg 1: DDA19E&F Fdn/Struct Check&Approval	77	2	19APR2011	04JUL2011	7d	26APR2011	11JUL2011
DPD902270	Elect Bldg 1: DDA 19E&F General Arrangement Plan	10	3	15FEB2011	28FEB2011	19d	14MAR2011	25MAR2011
DPD902280	Elect Bldg 1: DDA 19E&F Foundation Plan	10	3	01MAR2011	14MAR2011	24d	04APR2011	20APR2011
DPD902290	Elect Bldg 1: DDA 19E&F Structural Plan	15	3	14MAR2011	01APR2011	10d	28MAR2011	20APR2011
DPD902300	Elect Bldg 1: DDA 19E&F Reinforcement Detail	15	3	07APR2011	29APR2011	8d	21APR2011	13MAY2011
DPD902310	Elect Bldg 1: DDA 19E&FContractor Review Fdn/St	5	3	03MAY2011	09MAY2011	8d	16MAY2011	20MAY2011
DPD902320	Elect Bldg 1: DDA 19E&F Fdn/Struct to Checker	0	2		09MAY2011	11d		20MAY2011
DPD902340	Elect Bldg 1: DDA19E&F Checker Endorse St/Fdn	21	2	10MAY2011	30MAY2011	11d	21MAY2011	10JUN2011
DPD902350	Elect Bldg 1: DDA 19E&F Fdn/Struct to SO	0	2		30MAY2011	11d		10JUN2011
DPD902360	Elect Bldg 1: DDA 19E&F SO Approval on Strut/Fdn	56	2	31MAY2011	25JUL2011	11d	11JUN2011	05AUG2011
DPD902370	Elect Bldg 1: DDA 19E&F Struct/Fdn Consent Grant	0	2		25JUL2011	11d		05AUG2011
DPD902400	Elect Bldg 1: DDA 19G Mis Civil Submission	20	3	06MAY2011	03JUN2011	18d	02JUN2011	30JUN2011
DPD902410	Elect Bldg 1: DDA 19G Mis Civil Check & Approval	77	2	04JUN2011	19AUG2011	30d	04JUL2011	18SEP2011
DPD902420	Elect Bldg 1: DDA 19G Mis Civil Design	15	3	06MAY2011	27MAY2011	18d	02JUN2011	23JUN2011
DPD902430	Elect Bldg 1: DDA19G Contractor Review Mis Civil	5	3	30MAY2011	03JUN2011	18d	24JUN2011	30JUN2011
DPD902440	Elect Bldg 1: DDA 19G Mis Civil to Checker	0	2		03JUN2011	30d		03JUL2011
DPD902450	Elect Bldg 1: DDA 19G Checker Endorse Mis Civil	21	2	04JUN2011	24JUN2011	30d	04JUL2011	24JUL2011
DPD902460	Elect Bldg 1: DDA 19G Mis Civil to SO	0	2		24JUN2011	30d		24JUL2011
DPD902470	Elect Bldg 1: DDA 19G SO Approval Mis Civil	56	2	25JUN2011	19AUG2011	30d	25JUL2011	18SEP2011
DPD902480	Elect Bldg 1: DDA 19G Mis Civil Consent Granted	0	2		19AUG2011	30d		18SEP2011
DPD902500	Elect Bldg 1: DDA 19H Architectural Submission	25	3	03MAY2011	08JUN2011	41d	04JUL2011	05AUG2011
DPD902510	Elect Bldg 1: DDA19H Architecture Check&Approval	77	2	09JUN2011	24AUG2011	88d	05SEP2011	20NOV2011
DPD902520	Elect Bldg 1: DDA 19H Architectural Detail	20	3	03MAY2011	31MAY2011	41d	04JUL2011	29JUL2011
DPD902530	Elect Bldg 1: DDA 19H Contractor Review Archit	5	3	01JUN2011	08JUN2011	61d	29AUG2011	02SEP2011
DPD902540	Elect Bldg 1: DDA 19H Architecture to Checker	0	2		08JUN2011	88d		04SEP2011
DPD902550	Elect Bldg 1: DDA19H Checker Endorse Archit	21	2	09JUN2011	29JUN2011	88d	05SEP2011	25SEP2011
DPD902560	Elect Bldg 1: DDA 19H Architecture to SO	0	2		29JUN2011	88d		25SEP2011
DPD902570	Elect Bldg 1: DDA 19H SO Approval Architecture	56	2	30JUN2011	24AUG2011	88d	26SEP2011	20NOV2011
DPD902580	Elect Bldg 1: DDA 19H Architecture Consent Grant	0	2		24AUG2011	88d		20NOV2011
DPD902600	Elect Bldg 1: DDA 19J Mis Archit Submission	25	3	01JUN2011	07JUL2011	41d	01AUG2011	02SEP2011
DPD902610	Elect Bldg 1: DDA19J Mis Archit Check&Approval	77	2	08JUL2011	22SEP2011	59d	05SEP2011	20NOV2011
DPD902620	Elect Bldg 1: DDA 19J Mis Architectural Detail	20	3	01JUN2011	29JUN2011	41d	01AUG2011	26AUG2011
DPD902630	Elect Bldg 1:DDA19J Contractor Review Mis Archit	5	3	30JUN2011	07JUL2011	41d	29AUG2011	02SEP2011
DPD902640	Elect Bldg 1: DDA 19J MisArchitecture to Checker	0	2		07JUL2011	59d		04SEP2011
DPD902650	Elect Bldg 1: DDA19J Checker Endorse Mis Archit	21	2	08JUL2011	28JUL2011	59d	05SEP2011	25SEP2011
DPD902660	Elect Bldg 1: DDA 19J Mis Architecture to SO	0	2		28JUL2011	59d		25SEP2011
DPD902670	Elect Bldg 1: DDA 19J SO Approval Mis Archit	56	2	29JUL2011	22SEP2011	59d	26SEP2011	20NOV2011
DPD902680	Elect Bldg 1: DDA 19J Mis Archit Consent Granted	0	2		22SEP2011	59d		20NOV2011
DPD902810	Elect Bldg 1: AIP 15A E&M GA Drg Subm	40	2	01SEP2010 A	28OCT2010 A		01SEP2010 A	28OCT2010 A
DPD902815	Elect Bldg 1: AIP 15A EM GA Drg - DC check	14	2	29OCT2010 A	24NOV2010 A		29OCT2010 A	24NOV2010 A
DPD902820	Elect Bldg 1: AIP 15A GA Drg - SO Rew & Appr	28	2	01DEC2010 A	17JAN2011	19d	01DEC2010 A	05FEB2011
DPD902830	Elect Bldg 1: DDA 19A Elect Dwg - Submission	60	2	18JAN2011	28MAR2011	19d	06FEB2011	16APR2011
DPD902840	Elect Bldg 1: DDA 19A Elect Dwg - DC Checking	30	3	29MAR2011	16MAY2011	62d	04JUL2011	12AUG2011
DPD902850	Elect Bldg 1: DDA 19A Elect Dwg - SO rew &Appr	56	2	17MAY2011	11JUL2011	88d	13AUG2011	07OCT2011
DPD902860	Elect Bldg 1: DDA 19C BS Dwg - Submission	60	2	18JAN2011	28MAR2011	19d	06FEB2011	16APR2011
DPD902870	Elect Bldg 1: DDA 19C BS Dwg - DC Checking	30	3	29MAR2011	16MAY2011	62d	04JUL2011	12AUG2011
DPD902880	Elect Bldg 1: DDA 19C BS Dwg - SO rew & Appr	56	2	17MAY2011	11JUL2011	88d	13AUG2011	07OCT2011
DPD902890	Elect Bldg 1: DDA 19D E&M CR Dwg - Submission	60	2	18JAN2011	18MAR2011	19d	06FEB2011	06APR2011
DPD902891	Elect Bldg 1: DDA 19D E&M CR Dwg - Draft	25	3	18JAN2011	23FEB2011	22d	21FEB2011	25MAR2011
DPD902893	Elect Bldg 1: DDA 19D E&M CR Dwg - DC Checking	30	3	21MAR2011	05MAY2011	70d	06JUL2011	16AUG2011
DPD902895	Elect Bldg 1: DDA 19D E&M CR Dwg - SO rew & Appr	56	2	06MAY2011	30JUN2011	103d	17AUG2011	11OCT2011
DPD902920	Elect Bldg 1: Elect. Equipment Submission	60	2	18DEC2010 A	07MAR2011	4d	18DEC2010 A	11MAR2011
DPD902930	Elect Bldg 1: Elec Equipment SO Rew. & Appr	90	2	08MAR2011	05JUN2011	4d	12MAR2011	09JUN2011
DPD903230	Elect Bldg 2/3: AIP 16B Civil GA Drg Submission	25	3	03JAN2011 A	08FEB2011	82d	03JAN2011 A	10JUN2011
DPD903240	Elect Bldg 2/3: AIP 16B Civil Check and Approval	42	2	09FEB2011	22MAR2011	122d	11JUN2011	22JUL2011
DPD903250	Elect Bldg 2/3: AIP 16B General Arrangement Plan	10	3	03JAN2011 A	17JAN2011	94d	03JAN2011 A	08JUN2011



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
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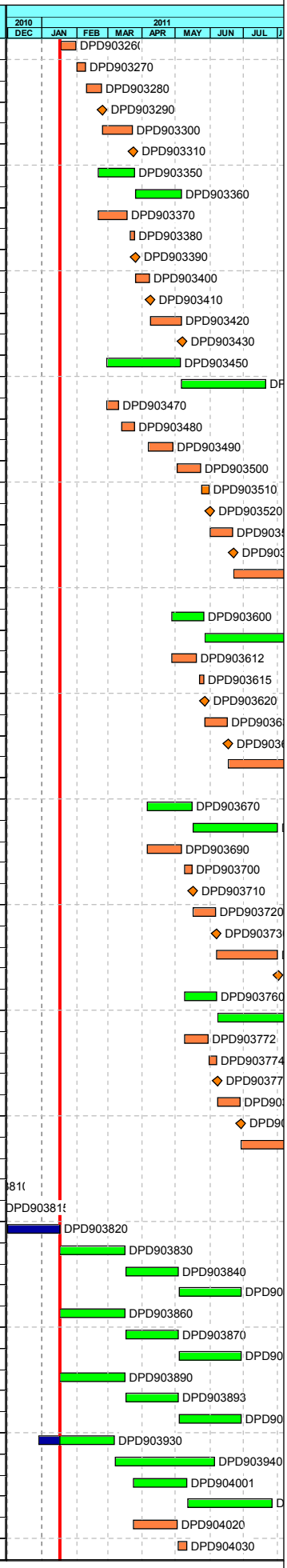
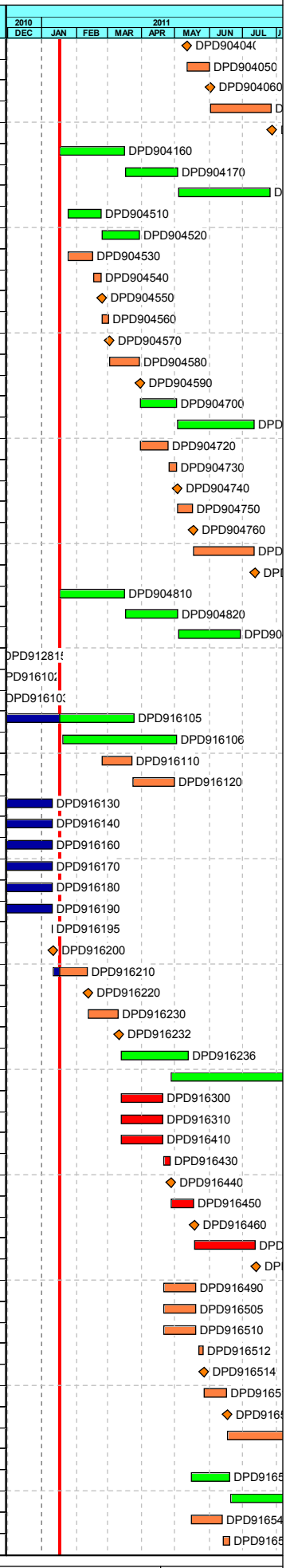
DPD903270	Elect Bldg 2/3: AIP16B Contractor Review St/ Fdn	5	3	01FEB2011	09FEB2011	120d	01AUG2011	05AUG2011
DPD903280	Elect Bldg 2/3: AIP 16B Checker Endorse St/Fdn	14	2	10FEB2011	23FEB2011	179d	08AUG2011	21AUG2011
DPD903290	Elect Bldg 2/3: AIP 16B Structure / Fdn to SO	0	2		23FEB2011	179d		21AUG2011
DPD903300	Elect Bldg 2/3: AIP 16B SO Approval Struct/ Fdn	28	2	24FEB2011	23MAR2011	179d	22AUG2011	18SEP2011
DPD903310	Elect Bldg 2/3: AIP 16B Struct/Fdn Consent Grant	0	2		23MAR2011	179d		18SEP2011
DPD903350	Elect Bldg 2/3: AIP 16C Architecture Submission	25	3	21FEB2011	25MAR2011	82d	23JUN2011	28JUL2011
DPD903360	Elect Bldg 2/3: AIP 16C Archit Check / Approval	42	2	26MAR2011	06MAY2011	144d	17AUG2011	27SEP2011
DPD903370	Elect Bldg 2/3: AIP 16C Architecture Detail	20	3	21FEB2011	18MAR2011	95d	13JUL2011	09AUG2011
DPD903380	Elect Bldg 2/3: AIP 16C Contractor Review Archit	5	3	21MAR2011	25MAR2011	95d	10AUG2011	16AUG2011
DPD903390	Elect Bldg 2/3: AIP 16C Architecture to Checker	0	2		25MAR2011	144d		16AUG2011
DPD903400	Elect Bldg 2/3: AIP 16C Checker Endorse Archit	14	2	26MAR2011	08APR2011	144d	17AUG2011	30AUG2011
DPD903410	Elect Bldg 2/3: AIP 16C Architecture to SO	0	2		08APR2011	144d		30AUG2011
DPD903420	Elect Bldg 2/3: AIP 16C SO Approval on Archit	28	2	09APR2011	06MAY2011	144d	31AUG2011	27SEP2011
DPD903430	Elect Bldg 2/3: AIP 16C Archit Consent Granted	0	2		06MAY2011	144d		27SEP2011
DPD903450	Elect Bldg 2/3: DDA 20D&E Fdn/ Struct Submission	45	3	28FEB2011	05MAY2011	82d	30JUN2011	01SEP2011
DPD903460	Elect Bldg 2/3: DDA 20D&E Fdn/St Check& Approval	77	2	06MAY2011	21JUL2011	165d	18OCT2011	02JAN2012
DPD903470	Elect Bldg 2/3: DDA 20D&E Gen Arrangement Plan	10	3	28FEB2011	11MAR2011	112d	12AUG2011	25AUG2011
DPD903480	Elect Bldg 2/3: DDA 20D&E Foundation Plan	10	3	14MAR2011	25MAR2011	117d	02SEP2011	16SEP2011
DPD903490	Elect Bldg 2/3: DDA 20D&E Structural Plan	15	3	07APR2011	29APR2011	95d	26AUG2011	16SEP2011
DPD903500	Elect Bldg 2/3: DDA 20D&E Reinforcement Detail	15	3	03MAY2011	24MAY2011	95d	19SEP2011	10OCT2011
DPD903510	Elect Bldg 2/3: DDA20D&EContractor Review St/Fdn	5	3	25MAY2011	31MAY2011	95d	11OCT2011	17OCT2011
DPD903520	Elect Bldg 2/3: DDA 20D&E St/Fdn to Checker	0	2		31MAY2011	139d		17OCT2011
DPD903530	Elect Bldg 2/3: DDA 20D&E Checker Endorse St/Fdn	21	2	01JUN2011	21JUN2011	139d	18OCT2011	07NOV2011
DPD903540	Elect Bldg 2/3: DDA 20D&E Struct/Fdn to SO	0	2		21JUN2011	139d		07NOV2011
DPD903550	Elect Bldg 2/3: DDA 20D&E SO Approval Struct/Fdn	56	2	22JUN2011	16AUG2011	139d	08NOV2011	02JAN2012
DPD903560	Elect Bldg 2/3: DDA 20D&E St/Fdn Consent Granted	0	2		16AUG2011	139d		02JAN2012
DPD903600	Elect Bldg 2/3: DDA 20F Mis Civil Submission	20	3	28APR2011	27MAY2011	82d	26AUG2011	23SEP2011
DPD903610	Elect Bldg 2/3: DDA 20F Mis Civil Check/Approval	77	2	28MAY2011	12AUG2011	120d	25SEP2011	10DEC2011
DPD903612	Elect Bldg 2/3: DDA 20F Mis Civil Detail	15	3	28APR2011	20MAY2011	82d	26AUG2011	16SEP2011
DPD903615	Elect Bldg 2/3: DDA 20F Contractor Review on Mis	5	3	23MAY2011	27MAY2011	82d	19SEP2011	23SEP2011
DPD903620	Elect Bldg 2/3: DDA 20F Mis Civil to Checker	0	2		27MAY2011	120d		24SEP2011
DPD903630	Elect Bldg 2/3: DDA20F Checker Endorse Mis Civil	21	2	28MAY2011	17JUN2011	120d	25SEP2011	15OCT2011
DPD903640	Elect Bldg 2/3: DDA 20F Mis Civil to SO	0	2		17JUN2011	120d		15OCT2011
DPD903650	Elect Bldg 2/3: DDA 20F SO Review on Mis Civil	56	2	18JUN2011	12AUG2011	120d	16OCT2011	10DEC2011
DPD903660	Elect Bldg 2/3: DDA 20F Mis Civil Consent Grant	0	2		12AUG2011	120d		10DEC2011
DPD903670	Elect Bldg 2/3: DDA 20H Architectural Submission	25	3	06APR2011	16MAY2011	100d	01SEP2011	07OCT2011
DPD903680	Elect Bldg 2/3: DDA 20H Archit Check & Approval	77	2	17MAY2011	01AUG2011	166d	30OCT2011	14JAN2012
DPD903690	Elect Bldg 2/3: DDA 20H Architecture Detail	20	3	06APR2011	06MAY2011	115d	23SEP2011	21OCT2011
DPD903700	Elect Bldg 2/3: DDA 20H Contractor Review Archit	5	3	09MAY2011	16MAY2011	115d	24OCT2011	28OCT2011
DPD903710	Elect Bldg 2/3: DDA 20H Architectural to Checker	0	2		16MAY2011	166d		29OCT2011
DPD903720	Elect Bldg 2/3: DDA 20H Checker Endorse Archit	21	2	17MAY2011	06JUN2011	166d	30OCT2011	19NOV2011
DPD903730	Elect Bldg 2/3: DDA 20H Architecture to SO	0	2		06JUN2011	166d		19NOV2011
DPD903740	Elect Bldg 2/3: DDA 20H SO Review on Architect	56	2	07JUN2011	01AUG2011	166d	20NOV2011	14JAN2012
DPD903750	Elect Bldg 2/3: DDA 20H Archit Consent Granted	0	2		01AUG2011	166d		14JAN2012
DPD903760	Elect Bldg 2/3: DDA 20G Mis Archit Submission	20	3	09MAY2011	07JUN2011	100d	30SEP2011	28OCT2011
DPD903770	Elect Bldg 2/3: DDA20G Mis Archit Check&Approval	77	2	08JUN2011	23AUG2011	144d	30OCT2011	14JAN2012
DPD903772	Elect Bldg 2/3: DDA 20G Mis Architecture Detail	15	3	09MAY2011	30MAY2011	100d	30SEP2011	21OCT2011
DPD903774	Elect Bldg 2/3: DDA 20G Mis Contractor Review	5	3	31MAY2011	07JUN2011	100d	24OCT2011	28OCT2011
DPD903776	Elect Bldg 2/3: DDA 20G Mis Archit to Checker	0	2		07JUN2011	144d		29OCT2011
DPD903778	Elect Bldg 2/3: DDA 20G Mis Checker Endorse	21	2	08JUN2011	28JUN2011	144d	30OCT2011	19NOV2011
DPD903780	Elect Bldg 2/3: DDA 20G Mis Architecture to SO	0	2		28JUN2011	144d		19NOV2011
DPD903782	Elect Bldg 2/3: DDA 20G SO Approval Mis Archit	56	2	29JUN2011	23AUG2011	144d	20NOV2011	14JAN2012
DPD903784	Elect Bldg 2/3: DDA 20G Archit Consent Granted	0	2		23AUG2011	144d		14JAN2012
DPD903810	Elect Bldg 2/3: AIP 16A E&M GA Drg Subm	40	2	04OCT2010 A	20OCT2010 A		04OCT2010 A	20OCT2010 A
DPD903815	Elect Bldg 2/3: AIP 16A E&M GA Drg - DC Check	14	3	27OCT2010 A	25NOV2010 A		27OCT2010 A	25NOV2010 A
DPD903820	Elect Bldg 2/3: AIP 16A E&M GA Drg-SO Rev & Appr	28	2	01DEC2010 A	17JAN2011	163d	01DEC2010 A	29JUN2011
DPD903830	Elect Bldg 2/3: DDA 20A Elect Dwg - Submission	60	2	17JAN2011	17MAR2011	143d	09JUN2011	07AUG2011
DPD903840	Elect Bldg 2/3: DDA 20A Elect Dwg - DC Checking	30	3	18MAR2011	04MAY2011	124d	20SEP2011	01NOV2011
DPD903850	Elect Bldg 2/3: DDA 20A Elect Dwg - SO rew &Appr	56	2	05MAY2011	29JUN2011	181d	02NOV2011	27DEC2011
DPD903860	Elect Bldg 2/3: DDA 20C BS Dwg - Submission	60	2	17JAN2011	17MAR2011	143d	09JUN2011	07AUG2011
DPD903870	Elect Bldg 2/3: DDA 20C BS Dwg - DC Checking	30	3	18MAR2011	04MAY2011	124d	20SEP2011	01NOV2011
DPD903880	Elect Bldg 2/3: DDA 20C BS Dwg - SO rew & Appr	56	2	05MAY2011	29JUN2011	181d	02NOV2011	27DEC2011
DPD903890	Elect Bldg 2/3: DDA 20D E&M CR Dwg - Submission	60	2	17JAN2011	17MAR2011	143d	09JUN2011	07AUG2011
DPD903893	Elect Bldg 2/3: DDA 20D E&M CR Dwg - DC Checking	30	3	18MAR2011	04MAY2011	150d	27OCT2011	07DEC2011
DPD903895	Elect Bldg 2/3: DDA 20D E&M CR Dg - SO R&A	56	2	05MAY2011	29JUN2011	217d	08DEC2011	01FEB2012
DPD903930	Elect Bldg 2/3: Elec Equipment Submission	60	2	29DEC2010 A	07MAR2011	105d	29DEC2010 A	20JUN2011
DPD903940	Elect Bldg 2/3: ElecEquip't Checking & Appr	90	2	08MAR2011	05JUN2011	105d	21JUN2011	18SEP2011
DPD904001	Refurbish: DDA 25 EF&G Renewal Work Submission	30	3	24MAR2011	11MAY2011	17d	21APR2011	03JUN2011
DPD904010	Refurbish: DDA 25 EF&G Renewal Check / Approval	77	2	12MAY2011	27JUL2011	25d	06JUN2011	21AUG2011
DPD904020	Refurbish: DDA 25 EF&G Renewal Work Detail	25	3	24MAR2011	03MAY2011	17d	21APR2011	27MAY2011
DPD904030	Refurbish: DDA 25 EF&G Contractor Review Renewal	5	3	04MAY2011	11MAY2011	17d	30MAY2011	03JUN2011



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD904040	Refurbish: DDA 25 EF&G Renew al Work to Checker	0	2		11MAY2011	25d		05JUN2011
DPD904050	Refurbish: DDA 25 EF&G Checker Endorse Renew al	21	2	12MAY2011	01JUN2011	25d	06JUN2011	26JUN2011
DPD904060	Refurbisb: DDA 25 EF&G Renew al Work to SO	0	2		01JUN2011	25d		26JUN2011
DPD904070	Refurbish: DDA 25 EF&G SO Approval on Renew al	56	2	02JUN2011	27JUL2011	25d	27JUN2011	21AUG2011
DPD904080	Refurbish: DDA 25 EF&G Renew al Consent Granted	0	2		27JUL2011	25d		21AUG2011
DPD904160	Refurbish: DDA 25C BS Dw g - Submission	60	2	17JAN2011	17MAR2011	165d	01JUL2011	29AUG2011
DPD904170	Refurbish: DDA 25C BS Dw g - DC Checking	30	3	18MAR2011	04MAY2011	110d	30AUG2011	12OCT2011
DPD904180	Refurbish: DDA 25C BS Dw g - SO rew & Appr	56	3	05MAY2011	26JUL2011	110d	13OCT2011	30DEC2011
DPD904510	Flow meter C: AIP 20B Fdn / Structure Submission	20	3	25JAN2011	23FEB2011	17d	21FEB2011	18MAR2011
DPD904520	Flow meter C: AIP 20B Fdn/ Struct Check /Approval	35	2	24FEB2011	30MAR2011	125d	29JUN2011	02AUG2011
DPD904530	Flow meter C: AIP 20B Fdn / Structure Detail	15	3	25JAN2011	16FEB2011	83d	31MAY2011	21JUN2011
DPD904540	Flow meter C: AIP20B Contractor Review Fdn/Struct	5	3	17FEB2011	23FEB2011	83d	22JUN2011	28JUN2011
DPD904550	Flow meter C: AIP 20B Fdn / Structure to Checker	0	2		23FEB2011	125d		28JUN2011
DPD904560	Flow meter C: AIP 20B Checker Endorse Fdn/ Struct	7	2	24FEB2011	02MAR2011	125d	29JUN2011	05JUL2011
DPD904570	Flow meter C: AIP 20B Fdn / Structure to SO	0	2		02MAR2011	125d		05JUL2011
DPD904580	Flow meter C: AIP 20B SO Approval on Fdn / Struct	28	2	03MAR2011	30MAR2011	125d	06JUL2011	02AUG2011
DPD904590	Flow meter C: AIP 20B Fdn/ Struct Consent Granted	0	2		30MAR2011	125d		02AUG2011
DPD904700	Flow meter C: DDA 24EF&G Fdn/Struct Submission	20	3	31MAR2011	03MAY2011	82d	03AUG2011	30AUG2011
DPD904710	Flow meter C: DDA 24EF&G Fdn/Struct Approval	70	2	04MAY2011	12JUL2011	119d	31AUG2011	08NOV2011
DPD904720	Flow meter C: DDA 24EF&G Fdn/Struct Detail	15	3	31MAR2011	25APR2011	82d	03AUG2011	23AUG2011
DPD904730	Flow meter C: DDA 24EF&G Contractor Review Fdn/St	5	3	26APR2011	03MAY2011	82d	24AUG2011	30AUG2011
DPD904740	Flow meter C: DDA 24EF&G Fdn/Struct to Checker	0	2		03MAY2011	119d		30AUG2011
DPD904750	Flow meter C: DDA 24EF&G Checker Endorse Fdn/St	14	2	04MAY2011	17MAY2011	119d	31AUG2011	13SEP2011
DPD904760	Flow meter C: DDA 24EF&G Fdn/Struct to SO	0	2		17MAY2011	119d		13SEP2011
DPD904770	Flow meter C: DDA 24EF&G SO Approval on Fdn/St	56	2	18MAY2011	12JUL2011	119d	14SEP2011	08NOV2011
DPD904780	Flow meter C: DDA 24EF&G Fdn/St Consent Granted	0	2		12JUL2011	119d		08NOV2011
DPD904810	Flow meter C: DDA 24ABC E&M Dw g - Submission	60	2	17JAN2011	17MAR2011	102d	29APR2011	27JUN2011
DPD904820	Flow meter C: DDA 24ABC E&M Dw g - DC Checking	30	3	18MAR2011	04MAY2011	66d	28JUN2011	09AUG2011
DPD904830	Flow meter C: DDA 24ABC E&M Dw g - SO rew &Appr	56	2	05MAY2011	29JUN2011	97d	10AUG2011	04OCT2011
DPD912815	Mis: AIP 25A E&M GA - DC Check	14	3	08OCT2010 A	23NOV2010 A		08OCT2010 A	23NOV2010 A
DPD916102	Mis: AIP 20A E&M Flow meter GA Drg Submission	30	2	08SEP2010 A	17NOV2010 A		08SEP2010 A	17NOV2010 A
DPD916103	Mis: AIP 20A E&M Flow meter Checking and Approval	60	2	06OCT2010 A	25NOV2010 A		06OCT2010 A	25NOV2010 A
DPD916105	Mis: AIP 25 Civil GA Drg Submission	100	3	04OCT2010 A	25MAR2011	21d	04OCT2010 A	28APR2011
DPD916106	Mis: AIP 25 Civil Checking and Approval	104	2	20JAN2011	03MAY2011	33d	22FEB2011	05JUN2011
DPD916110	Mis: AIP 25 Carpark	20	3	24FEB2011	23MAR2011	32d	14APR2011	13MAY2011
DPD916120	Mis: AIP 25 Carpark Checking and Approval	39	2	24MAR2011	01MAY2011	52d	15MAY2011	22JUN2011
DPD916130	Mis: AIP 25 Boundary Wall	35	3	25NOV2010 A	10JAN2011 A		25NOV2010 A	10JAN2011 A
DPD916140	Mis: AIP 25 Pipe Bridge	35	3	25NOV2010 A	10JAN2011 A		25NOV2010 A	10JAN2011 A
DPD916160	Mis: AIP 25 Sitew ide Roadw orks	35	3	01NOV2010 A	10JAN2011 A		01NOV2010 A	10JAN2011 A
DPD916170	Mis: AIP 25 Sitew ide Drainage	35	3	04OCT2010 A	10JAN2011 A		04OCT2010 A	10JAN2011 A
DPD916180	Mis: AIP 25 Sitew ide Sew erage	35	3	11OCT2010 A	10JAN2011 A		11OCT2010 A	10JAN2011 A
DPD916190	Mis: AIP 25 Ducts, Trench and Utilities	35	3	11NOV2010 A	10JAN2011 A		11NOV2010 A	10JAN2011 A
DPD916195	MIS: AIP 25 Contractor Review on External Work	5	3	10JAN2011 A	10JAN2011 A		10JAN2011 A	10JAN2011 A
DPD916200	Mis: AIP 25 Submission to Checker	0	2		10JAN2011 A			10JAN2011 A
DPD916210	Mis: AIP 25 Checker Endorse External Works	21	2	11JAN2011 A	11FEB2011	2d	11JAN2011 A	13FEB2011
DPD916220	Mis: AIP 25 Submission to SO	0	2		11FEB2011	2d		13FEB2011
DPD916230	Mis: AIP 25 SO Review and Approval	28	2	12FEB2011	11MAR2011	2d	14FEB2011	13MAR2011
DPD916232	Mis: AIP 25 External Work Consent Granted	0	2		11MAR2011	2d		13MAR2011
DPD916236	Mis: DDA 28 B&F Civil Works Submission	40	3	14MAR2011	13MAY2011	15d	04APR2011	03JUN2011
DPD916238	Mis: DDA 28 B&F Civil Works Checking & Approval	107	2	28APR2011	12AUG2011	24d	22MAY2011	05SEP2011
DPD916300	Mis: DDA 28B Sitew ide Drainage	25	3	14MAR2011	20APR2011	0	14MAR2011	20APR2011
DPD916310	Mis: DDA 28B Sitew ide Sew erage	25	3	14MAR2011	20APR2011	0	14MAR2011	20APR2011
DPD916410	Mis: DDA 28B Ducts, Trench and Utilities	25	3	14MAR2011	20APR2011	0	14MAR2011	20APR2011
DPD916430	Mis: DDA 28B Contractor Review on External Works	5	3	21APR2011	27APR2011	0	21APR2011	27APR2011
DPD916440	Mis: DDA 28B Drain, Sew erage and UU to Checker	0	2		27APR2011	0		27APR2011
DPD916450	Mis: DDA 28B Checker Endorse Drain, Sew erage &UU	21	2	28APR2011	18MAY2011	0	28APR2011	18MAY2011
DPD916460	Mis: DDA 28B Drain, Sew erage and UU to SO	0	2		18MAY2011	0		18MAY2011
DPD916470	Mis: DDA 28B SO Review on Drain, Sew erage and UU	56	2	19MAY2011	13JUL2011	0	19MAY2011	13JUL2011
DPD916480	Mis: DDA 28B Drain, Sew erage &UU Consent Granted	0	2		13JUL2011	0		13JUL2011
DPD916490	Mis: DDA 28F Boundary Wall	20	3	21APR2011	20MAY2011	47d	30JUN2011	28JUL2011
DPD916505	Mis: DDA 28F Pipe Bridge	20	3	21APR2011	20MAY2011	47d	30JUN2011	28JUL2011
DPD916510	Mis: DDA 28F Sitew ide Roadw orks	20	3	21APR2011	20MAY2011	47d	30JUN2011	28JUL2011
DPD916512	Mis: DDA 28F Contactor Review on External Works	5	3	23MAY2011	27MAY2011	47d	29JUL2011	04AUG2011
DPD916514	Mis: DDA 28FSubmission to Checker	0	2		27MAY2011	69d		04AUG2011
DPD916516	Mis: DDA 28F Checker Endorse External Work	21	2	28MAY2011	17JUN2011	69d	05AUG2011	25AUG2011
DPD916518	Mis: DDA 28F External Work to SO	0	2		17JUN2011	69d		25AUG2011
DPD916520	Mis: DDA 28F SO Approval on External Work	56	2	18JUN2011	12AUG2011	69d	26AUG2011	20OCT2011
DPD916522	Mis: DDA 28F External Work Consent Granted	0	2		12AUG2011	69d		20OCT2011
DPD916530	Mis: DDA 28C Carpark	25	3	16MAY2011	20JUN2011	63d	15AUG2011	19SEP2011
DPD916540	Mis: DDA 28C Carpark Checking and Approval	70	2	21JUN2011	29AUG2011	91d	20SEP2011	28NOV2011
DPD916542	Mis: DDA 28C Carpark Detail	20	3	16MAY2011	13JUN2011	63d	15AUG2011	09SEP2011
DPD916552	Mis: DDA 28C Contractor Review on Carpark	5	3	14JUN2011	20JUN2011	63d	12SEP2011	19SEP2011



Start date	14JUL2010
Finish date	25NOV2013
Data date	17JAN2011
Run date	31JAN2011
Page number	14A
Project name	WP02
c Primavera Systems, Inc.	

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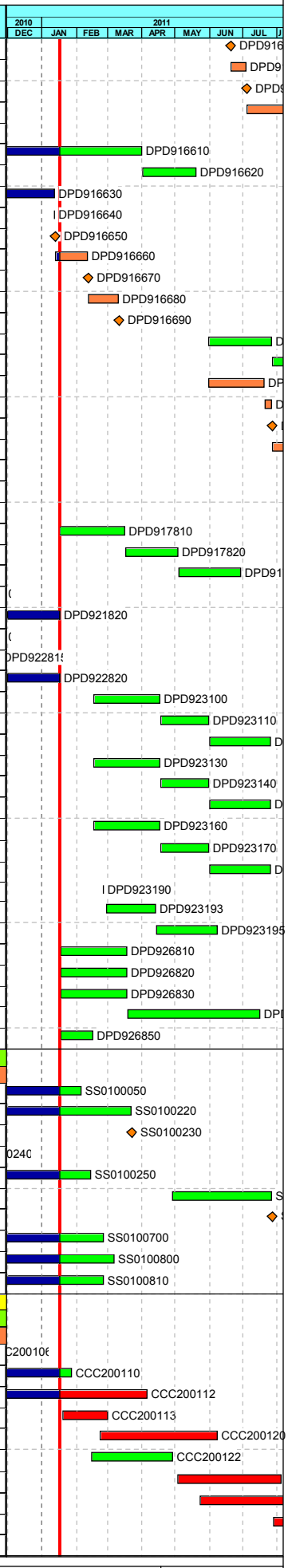
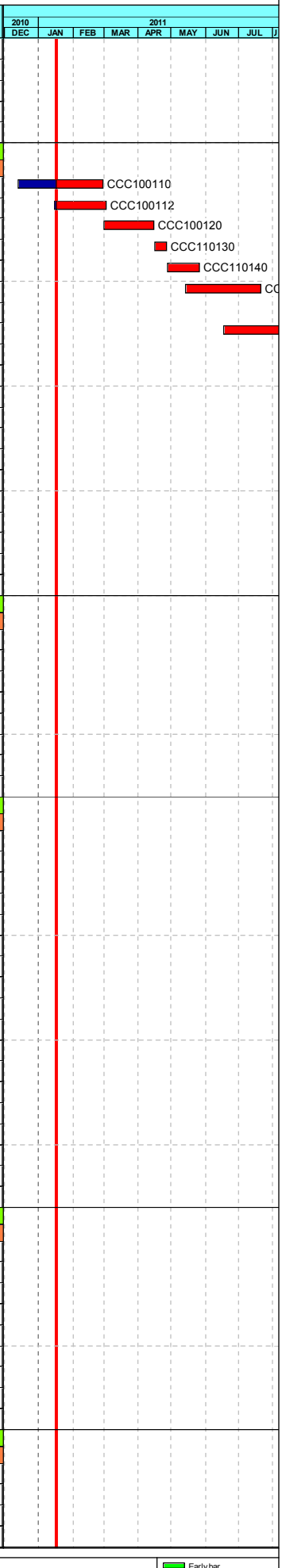
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

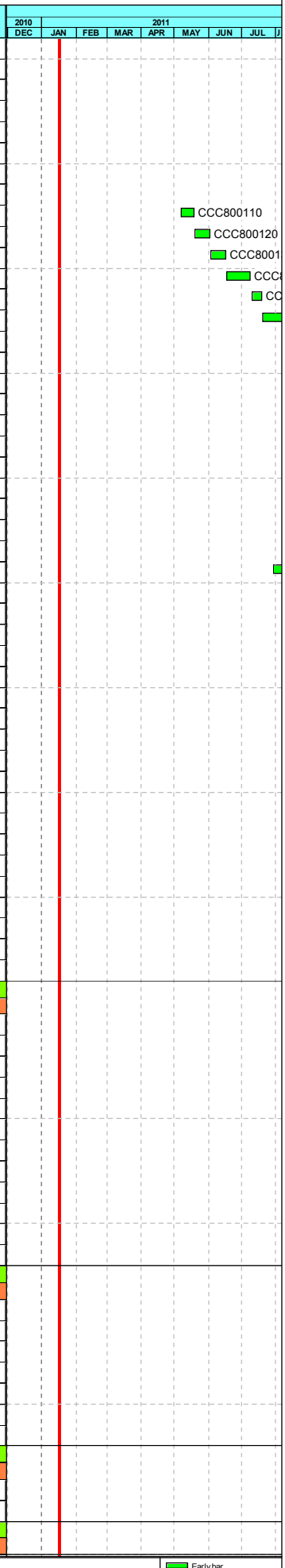
Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
DPD916554	Mis: DDA 28C Carpark to Checker	0	2		20JUN2011	91d		19SEP2011
DPD916556	Mis: DDA 28C Checker Endorse Carpark	14	2	21JUN2011	04JUL2011	91d	20SEP2011	03OCT2011
DPD916558	Mis: DDA 28C Carpark to SO	0	2		04JUL2011	91d		03OCT2011
DPD916560	Mis: DDA 28C SO Approval on Carpark	56	2	05JUL2011	29AUG2011	91d	04OCT2011	28NOV2011
DPD916562	Mis: DDA 28C Carpark Consent Granted	0	2		29AUG2011	91d		28NOV2011
DPD916610	Mis: AIP 23 Landscape Design	70	3	08NOV2010 A	01APR2011	16d	08NOV2010 A	28APR2011
DPD916620	Mis: AIP 23 Landscape Approval	49	2	02APR2011	20MAY2011	27d	29APR2011	16JUN2011
DPD916630	Mis: AIP 23 Landscape Layout	65	3	08NOV2010 A	12JAN2011 A		08NOV2010 A	12JAN2011 A
DPD916640	Mis: AIP 23 Contractor Review on Landscape	5	3	12JAN2011 A	12JAN2011 A		12JAN2011 A	12JAN2011 A
DPD916650	Mis: AIP 23 Landscape to Checker	0	2		12JAN2011 A			12JAN2011 A
DPD916660	Mis: AIP 23 Checker Endorse Landscape	21	2	13JAN2011 A	11FEB2011	97d	13JAN2011 A	19MAY2011
DPD916670	Mis: AIP 23 Landscape to SO	0	2		11FEB2011	97d		19MAY2011
DPD916680	Mis: AIP 23 SO Approval on Landscape	28	2	12FEB2011	11MAR2011	97d	20MAY2011	16JUN2011
DPD916690	Mis: AIP 23 Landscape Consent Granted	0	2		11MAR2011	97d		16JUN2011
DPD916700	Mis: DDA 26 Landscape Submission	40	3	31MAY2011	27JUL2011	12d	17JUN2011	12AUG2011
DPD916710	Mis: DDA 26 Landscape Checking & Approval	77	2	28JUL2011	12OCT2011	16d	13AUG2011	28OCT2011
DPD916720	Mis: DDA 26 Landscape Layout	35	3	31MAY2011	20JUL2011	12d	17JUN2011	05AUG2011
DPD916730	Mis: DDA 26 Contractor Review on Landscape	5	3	21JUL2011	27JUL2011	12d	08AUG2011	12AUG2011
DPD916740	Mis: DDA 26 Landscape to Checker	0	2		27JUL2011	16d		12AUG2011
DPD916750	Mis: DDA 26 Checker Endorse Landscape	21	2	28JUL2011	17AUG2011	16d	13AUG2011	02SEP2011
DPD916760	Mis: DDA 26 Landscape to SO	0	2		17AUG2011	16d		02SEP2011
DPD916770	Mis: DDA 26 SO Approval on Landscape	56	2	18AUG2011	12OCT2011	16d	03SEP2011	28OCT2011
DPD916780	Mis: DDA 26 Landscape Consent Granted	0	2		12OCT2011	16d		28OCT2011
DPD917810	Misc: DDA 26A E&M Dwg - Submission	60	2	17JAN2011	17MAR2011	189d	25JUL2011	22SEP2011
DPD917820	Misc: DDA 26A E&M Dwg - DC Checking	30	3	18MAR2011	04MAY2011	127d	23SEP2011	04NOV2011
DPD917830	Misc: DDA 26A E&M Dwg - SO rew &Appr	56	2	05MAY2011	29JUN2011	184d	05NOV2011	30DEC2011
DPD921810	Mis: AIP 22A E&M GA Drg - Submission	50	2	27SEP2010 A	07OCT2010 A		27SEP2010 A	07OCT2010 A
DPD921820	Mis: AIP 22A E&M GA Drg - SO Rew & Appr.	28	2	01DEC2010 A	17JAN2011	0	01DEC2010 A	17JAN2011
DPD922810	Mis: AIP 22A E&M GA Drg - Submission	50	2	27SEP2010 A	07OCT2010 A		27SEP2010 A	07OCT2010 A
DPD922815	Mis: AIP 25A E&M GA - DC Check	14	3	08OCT2010 A	23NOV2010 A		08OCT2010 A	23NOV2010 A
DPD922820	Mis: AIP 22A E&M GA Drg - SO Rew & Appr.	28	2	01DEC2010 A	17JAN2011	52d	01DEC2010 A	10MAR2011
DPD923100	Misc: DDA 28A Elect Dwg - Submission	60	2	17FEB2011	17APR2011	158d	25JUL2011	22SEP2011
DPD923110	Misc: DDA 28A Elect Dwg - DC Checking	30	3	18APR2011	31MAY2011	109d	23SEP2011	04NOV2011
DPD923120	Misc: DDA 28A Elect Dwg - SO rew &Appr	56	2	01JUN2011	26JUL2011	157d	05NOV2011	30DEC2011
DPD923130	Misc: DDA 28B Mech Dwg - Submission	60	2	17FEB2011	17APR2011	158d	25JUL2011	22SEP2011
DPD923140	Misc: DDA 28B Mech Dwg - DC Checking	30	3	18APR2011	31MAY2011	109d	23SEP2011	04NOV2011
DPD923150	Misc: DDA 28B Mech Dwg - SO rew and Appr	56	2	01JUN2011	26JUL2011	157d	05NOV2011	30DEC2011
DPD923160	Misc: DDA 28C BS Dwg - Submission	60	2	17FEB2011	17APR2011	158d	25JUL2011	22SEP2011
DPD923170	Misc: DDA 28C BS Dwg - DC Checking	30	3	18APR2011	31MAY2011	109d	23SEP2011	04NOV2011
DPD923180	Misc: DDA 28C BS Dwg - SO rew & Appr	56	2	01JUN2011	26JUL2011	157d	05NOV2011	30DEC2011
DPD923190	Misc: DDA 28D E&M CR Dwg - Submission	60	2	08APR2011 A	25FEB2011	86d	08APR2011 A	22MAY2011
DPD923193	Misc: DDA 28D E&M CR Dwg - DC Checking	30	3	28FEB2011	13APR2011	180d	18NOV2011	30DEC2011
DPD923195	Misc: DDA 28D E&M CR Dwg - SO rew & Appr	56	2	14APR2011	08JUN2011	261d	31DEC2011	24FEB2012
DPD926810	Mis: Solid Handling Bldg Eq. Submission	60	2	18JAN2011	18MAR2011	52d	11MAR2011	09MAY2011
DPD926820	Mis: Flow -meter Submission	60	2	18JAN2011	18MAR2011	52d	11MAR2011	09MAY2011
DPD926830	Mis: Guard House Equipment Submission	60	2	18JAN2011	18MAR2011	52d	11MAR2011	09MAY2011
DPD926840	Mis: E&M Equipment Checking and Approval	120	2	19MAR2011	16JUL2011	104d	01JUL2011	28OCT2011
DPD926850	Dummy Mis: E&M Detail Arrangement Drg Subm	30	2	18JAN2011	16FEB2011	52d	11MAR2011	09APR2011
Statutory Submission								
Submission and Approval								
SS0100050	DSD &ASD - GBP Submission and Approval	60	2	29NOV2010 A	05FEB2011	83d	29NOV2010 A	29APR2011
SS0100220	LCSD - Apply Tree Transplant (not in Ref Drg)	75	2	11SEP2010 A	22MAR2011	134d	11SEP2010 A	03AUG2011
SS0100230	LCSD - Approval for Tree Transplant	0	2		22MAR2011	134d		03AUG2011
SS0100240	DSD, Lands -Approval Tree Transplant Per Ref Drg	28	2	11SEP2010 A	25OCT2010 A		11SEP2010 A	25OCT2010 A
SS0100250	Lands - Apply Permit for Ground Investigation	90	1	31AUG2010 A	14FEB2011	113d	31AUG2010 A	05JUL2011
SS0100400	EPD - Sew age Discharge License Approval	90	2	29APR2011	27JUL2011	305d	28FEB2012	27MAY2012
SS0100410	EPD - Approval for Sew age Discharge	0	2		27JUL2011	431d		30SEP2012
SS0100700	WSD & ASD- Approve Water Supply /Plumbing issue	60	2	29NOV2010 A	25FEB2011	701d	29NOV2010 A	26JAN2013
SS0100800	FSD - Approve Fire Safety / Services Aspects	60	2	29NOV2010 A	07MAR2011	3d	29NOV2010 A	10MAR2011
SS0100810	EPD - Register of Changes under Environ. Permit	70	1	13SEP2010 A	25FEB2011	165d	13SEP2010 A	16SEP2011
Civil and Structural Works								
Chemically Enhanced Primary Treatement System								
Building and Structures								
CCC200106	CEPT Tank: Mobilization	6	1	04NOV2010 A	09NOV2010 A		04NOV2010 A	09NOV2010 A
CCC200110	CEPT Tank: Temporary Earth Lateral Support	100	1	10NOV2010 A	28JAN2011	15d	10NOV2010 A	21FEB2011
CCC200112	CEPT Tank: Excavation	120	1	08NOV2010 A	06APR2011	0	08NOV2010 A	06APR2011
CCC200113	CEPT Tank: Ground Investigation and Report	30	1	20JAN2011	01MAR2011	0	20JAN2011	01MAR2011
CCC200120	CEPT Tank: Mini-pile and Testing	85	1	22FEB2011	08JUN2011	0	22FEB2011	08JUN2011
CCC200122	CEPT Tank: Formation and Pipew ork	60	1	15FEB2011	29APR2011	51d	20APR2011	02JUL2011
CCC200130	CEPT Tank: Trimming and Blinding Layer	78	1	04MAY2011	05AUG2011	0	04MAY2011	05AUG2011
CCC200140	CEPT Tank: Raft Foundation	97	1	24MAY2011	16SEP2011	0	24MAY2011	16SEP2011
CCC200150	CEPT Tank: Substructure - Walls	120	1	29JUL2011	19DEC2011	0	29JUL2011	19DEC2011
CCC200160	CEPT Tank: Superstructure-Grd Floor Slab	66	1	01NOV2011	19JAN2012	0	01NOV2011	19JAN2012



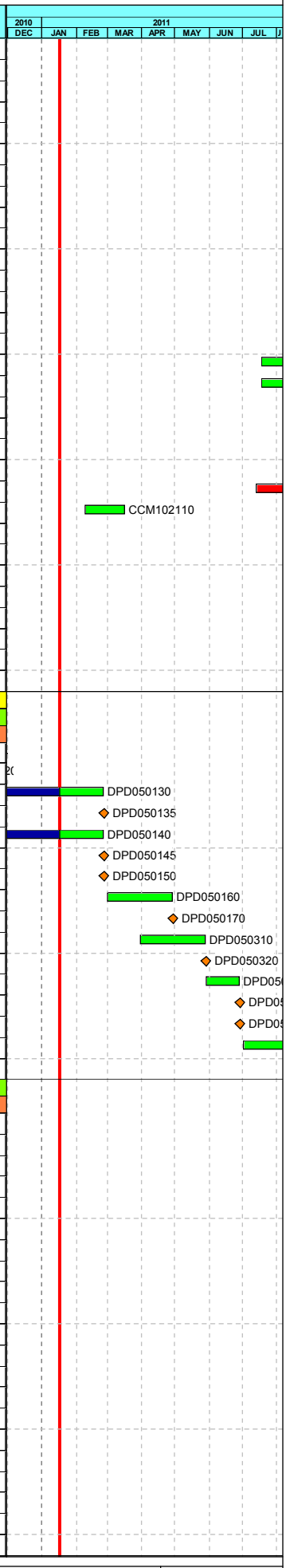
Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
CCC200165	CEPT Tank: Remove Scaffold Support	35	1	03JAN2012	17FEB2012	0	03JAN2012	17FEB2012
CCC200168	CEPT: Water Test	72	2	02FEB2012	13APR2012	0	02FEB2012	13APR2012
CCC200170	CEPT Tank: ABWF Work	78	1	29FEB2012	06JUN2012	4d	05MAR2012	11JUN2012
CCC200175	CEPT Tank: Remaining ABWF Work	30	1	07JUN2012	12JUL2012	4d	12JUN2012	17JUL2012
CCC200180	CEPT Tank: Backfilling	42	1	06JAN2012	29FEB2012	12d	20JAN2012	14MAR2012
New Preliminary Treatment Works								
Building and Structures								
CCC100110	PTW : Temporary Earth Lateral Support	59	1	13DEC2010 A	28FEB2011	0	13DEC2010 A	28FEB2011
CCC100112	PTW : Excavation (Phase A1) and GI	36	1	15JAN2011 A	03MAR2011	0	15JAN2011 A	03MAR2011
CCC100120	PTW: Mini-pile Construction and Testing	36	1	01MAR2011	15APR2011	0	01MAR2011	15APR2011
CCC110130	PTW: Excavation (Phase A2)	10	1	16APR2011	27APR2011	0	16APR2011	27APR2011
CCC110140	PTW: Raft foundation - 1000 ~ 1500mm thk.	24	1	28APR2011	27MAY2011	0	28APR2011	27MAY2011
CCC110150	PTW: Substructure - Walls and Columns	57	1	14MAY2011	21JUL2011	0	14MAY2011	21JUL2011
CCC110155	PTW: Backfilling Phase A	18	1	23SEP2011	15OCT2011	0	23SEP2011	15OCT2011
CCC110160	PTW: Roof Slab & Beams	63	1	18JUN2011	31AUG2011	0	18JUN2011	31AUG2011
CCC110170	PTW: ABWF Work	48	1	17OCT2011	10DEC2011	149d	21APR2012	19JUN2012
CCC110180	PTW: Water Tightness Test (Phase A)	18	1	01SEP2011	22SEP2011	0	01SEP2011	22SEP2011
CCC130190	PTW: Excavation (Phase B)	25	1	17OCT2011	14NOV2011	0	17OCT2011	14NOV2011
CCC130200	PTW: Raft foundation	35	1	15NOV2011	27DEC2011	0	15NOV2011	27DEC2011
CCC130210	PTW: Substructure - Walls and Columns	36	1	28DEC2011	14FEB2012	0	28DEC2011	14FEB2012
CCC130220	PTW: Roof Slab & Beams	36	1	15FEB2012	27MAR2012	0	15FEB2012	27MAR2012
CCC130230	PTW: ABWF Work	50	1	28MAR2012	01JUN2012	0	28MAR2012	01JUN2012
CCC130240	PTW: Backfilling Phase B	24	1	28MAR2012	28APR2012	19d	24APR2012	22MAY2012
CCC130250	PTW: Water Tightness Test (Phase B)	31	2	04MAY2012	03JUN2012	0	04MAY2012	03JUN2012
CCC160300	PTW: Flow meter Chamber & Pipe w orks	75	1	14JUN2012	10SEP2012	28d	18JUL2012	15OCT2012
CCC160560	PTW: MCC Room	120	1	30JAN2012	25JUN2012	115d	20JUN2012	09NOV2012
CCC160580	PTW: Steel Structure for Pipe Bridge	90	1	30APR2012	16AUG2012	28d	05JUN2012	18SEP2012
Disinfection System								
Building and Structures								
CCC300120	UV:Temporary Earth Lateral Support	20	1	21OCT2011	12NOV2011	8d	31OCT2011	22NOV2011
CCC300130	UV: Excavation	36	1	23NOV2011	06JAN2012	0	23NOV2011	06JAN2012
CCC300140	UV: Raft Foundation 900mm thk	48	1	07JAN2012	08MAR2012	0	07JAN2012	08MAR2012
CCC300150	UV: Substructure - Walls & Columns	45	1	09MAR2012	05MAY2012	0	09MAR2012	05MAY2012
CCC300160	UV: Superstructure - Roof & Beam	48	1	07MAY2012	04JUL2012	0	07MAY2012	04JUL2012
CCC300170	UV: ABWF Work	40	1	05JUL2012	20AUG2012	0	05JUL2012	20AUG2012
CCC300180	UV: Backfilling	20	1	04AUG2012	27AUG2012	0	04AUG2012	27AUG2012
CCC300190	UV: Water Tightness Test	30	2	29JUL2012	27AUG2012	0	29JUL2012	27AUG2012
Sludge Treatment Facilities								
Building and Structures								
CCC600210	SDB: Temporary Earth Lateral Support	42	1	20OCT2011	07DEC2011	2d	22OCT2011	09DEC2011
CCC600220	SDB: Excavation - Stage 1	24	1	08DEC2011	07JAN2012	2d	10DEC2011	10JAN2012
CCC600230	SDB: Raft Foundation - 1500mm thk	48	1	09JAN2012	09MAR2012	2d	11JAN2012	12MAR2012
CCC600240	SDB: Excavation - Stage 2	36	1	10MAR2012	25APR2012	2d	13MAR2012	27APR2012
CCC600250	SDB: Substructure - Walls and Columns	28	1	26APR2012	31MAY2012	2d	28APR2012	02JUN2012
CCC600260	SDB: Beams & Slab at G/F	12	1	01JUN2012	14JUN2012	2d	04JUN2012	16JUN2012
CCC600270	SDB: Backfilling Work	12	1	15JUN2012	28JUN2012	2d	18JUN2012	30JUN2012
CCC600280	SDB: Walls & Columns - G/F to 1/F	24	1	29JUN2012	27JUL2012	2d	03JUL2012	30JUL2012
CCC600290	SDB: Beams & Slabs at 1/F	12	1	28JUL2012	10AUG2012	2d	31JUL2012	13AUG2012
CCC600300	SDB: Walls & Columns - 1/F to R/F	12	1	11AUG2012	24AUG2012	2d	14AUG2012	27AUG2012
CCC600310	SDB: Beams & Slab at R/F	12	1	25AUG2012	07SEP2012	2d	28AUG2012	10SEP2012
CCC600315	SDB: Water Tightness Test	30	2	08SEP2012	07OCT2012	32d	10OCT2012	08NOV2012
CCC600320	SDB: ABWF Work	48	1	04AUG2012	28SEP2012	2d	07AUG2012	03OCT2012
CCC600410	Skip Storage Bldg: Excavation	10	1	29JUN2012	11JUL2012	3d	04JUL2012	14JUL2012
CCC600420	Skip Storage Bldg: Raft Foundation - 700mm thk	12	1	12JUL2012	25JUL2012	3d	16JUL2012	28JUL2012
CCC600430	Skip Storage Bldg: Columns - G/G to 1/F	12	1	26JUL2012	08AUG2012	3d	30JUL2012	11AUG2012
CCC600440	Skip Storage Bldg: Roof Slab & Beams	18	1	09AUG2012	29AUG2012	3d	13AUG2012	01SEP2012
CCC600450	Skip Storage Bldg: ABWF Work	25	1	30AUG2012	27SEP2012	3d	03SEP2012	03OCT2012
Septic Waste Collection Facilities								
Building and Structures								
CCC150110	Septic: Temp Earth Lateral Support	24	1	19APR2012	17MAY2012	12d	04MAY2012	02JUN2012
CCC150120	Septic: Excavation	8	1	18MAY2012	29MAY2012	12d	04JUN2012	12JUN2012
CCC150130	Septic: Underground Pipe Trench	14	1	30MAY2012	14JUN2012	12d	13JUN2012	28JUN2012
CCC150140	Septic: Backfilling Work	12	1	15JUN2012	28JUN2012	12d	29JUN2012	13JUL2012
CCC150150	Septic: Raft Foundation - 800mm thk	8	1	29JUN2012	09JUL2012	12d	14JUL2012	23JUL2012
CCC150160	Septic: Wall & Column - Footing to Roof	14	1	10JUL2012	25JUL2012	12d	24JUL2012	08AUG2012
CCC150170	Septic: Roof Slab & Beams	14	1	26JUL2012	10AUG2012	12d	09AUG2012	24AUG2012
CCC150180	Septic: ABWF Work	30	1	11AUG2012	14SEP2012	12d	25AUG2012	28SEP2012
CCC150190	Septic: Water Tightness Test	30	2	15SEP2012	14OCT2012	16d	01OCT2012	30OCT2012
Auxiliary Building								
Building and Structures								
CCC320110	RWPS: Temp Earth Lateral Support	22	1	09JUN2012	05JUL2012	5d	15JUN2012	11JUL2012
CCC320120	RWPS: Excavation	12	1	06JUL2012	19JUL2012	5d	12JUL2012	25JUL2012
CCC320130	RWPS: Foundation	22	1	20JUL2012	14AUG2012	5d	26JUL2012	20AUG2012
CCC320140	RWPS: Backfilling Work	15	1	15AUG2012	31AUG2012	5d	21AUG2012	06SEP2012



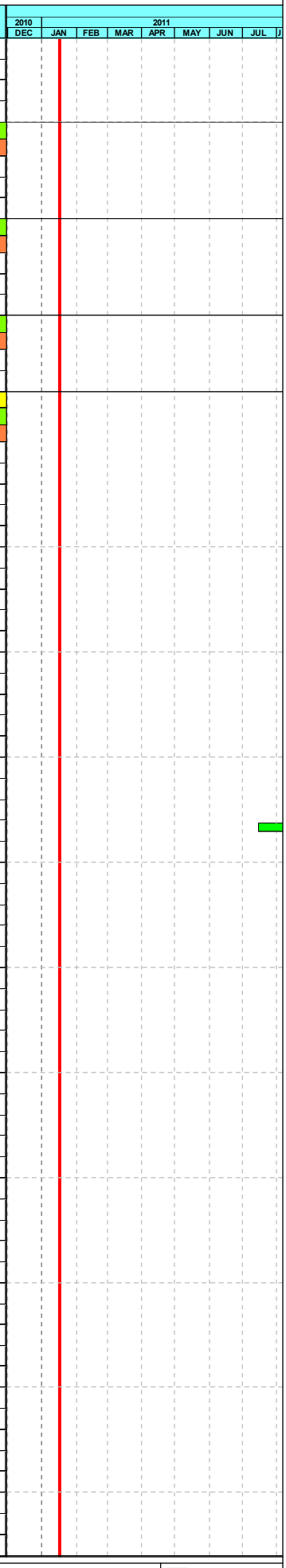
Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
CCC320150	RWPS: Substructure - Columns & Walls	24	1	01SEP2012	28SEP2012	5d	07SEP2012	06OCT2012
CCC320160	RWPS: Roof Slab & Beams	20	1	02OCT2012	24OCT2012	5d	08OCT2012	30OCT2012
CCC320170	RWPS: ABWF Works	20	1	25OCT2012	16NOV2012	5d	31OCT2012	22NOV2012
CCC500110	Chemical Bldg: Excavation	12	1	10MAR2012	23MAR2012	3d	14MAR2012	27MAR2012
CCC500120	Chemical Bldg: Raft Fdn - 750 thk, On-Grade Slab	14	1	24MAR2012	10APR2012	3d	28MAR2012	17APR2012
CCC500130	Chemical Bldg: Walls & Columns	20	1	11APR2012	08MAY2012	3d	18APR2012	11MAY2012
CCC500140	Chemical Bldg: Roof Slab & Beam	30	1	09MAY2012	14JUN2012	3d	12MAY2012	18JUN2012
CCC500150	Chemical Bldg: ABWF Works	35	1	15JUN2012	26JUL2012	3d	19JUN2012	30JUL2012
CCC800110	Admin Bldg: Excavation	10	1	07MAY2011	19MAY2011	1d	09MAY2011	20MAY2011
CCC800120	Admin Bldg: Raft Foundation - 800mm thk	12	1	20MAY2011	02JUN2011	1d	21MAY2011	03JUN2011
CCC800130	Admin Bldg: Substructure - Walls & Columns	12	1	03JUN2011	17JUN2011	1d	04JUN2011	18JUN2011
CCC800140	Admin Bldg: Underground Drainage Work	18	1	18JUN2011	09JUL2011	1d	20JUN2011	11JUL2011
CCC800150	Admin Bldg: Backfilling Works	8	1	11JUL2011	19JUL2011	1d	12JUL2011	20JUL2011
CCC800160	Admin Bldg: Beams & Slab at G/F	18	1	20JUL2011	09AUG2011	1d	21JUL2011	10AUG2011
CCC800180	Admin Bldg: Water Tank - Base Slab	8	1	10AUG2011	18AUG2011	1d	11AUG2011	19AUG2011
CCC800190	Admin Bldg: Water Tank - Walls	8	1	19AUG2011	27AUG2011	1d	20AUG2011	29AUG2011
CCC800200	Admin Bldg: Water Tank - Roof Slab & Beams	12	1	29AUG2011	10SEP2011	1d	30AUG2011	12SEP2011
CCC800210	Admin Bldg: Water Tank - Watertightness Test	12	1	12SEP2011	26SEP2011	1d	14SEP2011	27SEP2011
CCC800220	Admin Bldg: Walls & Columns - G/F to 1/F	20	1	27SEP2011	21OCT2011	1d	28SEP2011	22OCT2011
CCC800230	Admin Bldg: Beams & Slab at 1/F	20	1	22OCT2011	14NOV2011	1d	24OCT2011	15NOV2011
CCC800240	Admin Bldg: Walls & Columns - 1/F to R/F	20	1	15NOV2011	07DEC2011	1d	16NOV2011	08DEC2011
CCC800250	Admin Bldg: Beams & Slab at R/F	20	1	08DEC2011	03JAN2012	1d	09DEC2011	04JAN2012
CCC800260	Admin Bldg: Walls & Columns - R/F to TRF	14	1	04JAN2012	19JAN2012	1d	05JAN2012	20JAN2012
CCC800270	Admin Bldg: Beams & Slab at TR/F	14	1	20JAN2012	10FEB2012	1d	27JAN2012	11FEB2012
CCC800280	Admin Bldg: ABWF Works	49	1	11FEB2012	09APR2012	1d	13FEB2012	10APR2012
CCC910110	Elect Bldg 1: Excavation	60	1	30JUL2011	11OCT2011	6d	06AUG2011	18OCT2011
CCC910120	Elect Bldg 1: Fdn-Cable Trench &On-Grade Slab	60	1	12OCT2011	20DEC2011	6d	19OCT2011	29DEC2011
CCC910130	Elect Bldg 1: Walls - G/F to R/F	26	1	21DEC2011	28JAN2012	6d	30DEC2011	04FEB2012
CCC910140	Elect Bldg 1: Roof Slab	40	1	30JAN2012	15MAR2012	6d	06FEB2012	22MAR2012
CCC910150	Elect Bldg 1: ABWF Work	60	1	22FEB2012	07MAY2012	6d	29FEB2012	14MAY2012
CCC920110	Elect Bldg 2: Excavation	6	1	01MAR2012	07MAR2012	12d	15MAR2012	21MAR2012
CCC920120	Elect Bldg 2: Fdn-Cable Trench &On-Grade Slab	18	1	08MAR2012	28MAR2012	12d	22MAR2012	12APR2012
CCC920130	Elect Bldg 2: Walls - G/F to R/F	18	1	29MAR2012	23APR2012	12d	17APR2012	08MAY2012
CCC920140	Elect Bldg 2: Roof Slab	24	1	24APR2012	22MAY2012	12d	09MAY2012	07JUN2012
CCC920150	Elect Bldg 2: ABWF Work	48	1	24MAY2012	20JUL2012	12d	08JUN2012	03AUG2012
CCC930110	Elect Bldg 3: Excavation	6	1	07JAN2012	13JAN2012	17d	02FEB2012	08FEB2012
CCC930120	Elect Bldg 3: Fdn-Cable Trench &On-Grade Slab	18	1	14JAN2012	09FEB2012	17d	09FEB2012	29FEB2012
CCC930130	Elect Bldg 3: Walls - G/F to R/F	12	1	10FEB2012	23FEB2012	17d	01MAR2012	14MAR2012
CCC930140	Elect Bldg 3: Roof Slab	30	1	24FEB2012	29MAR2012	17d	15MAR2012	23APR2012
CCC930150	Elect Bldg 3: ABWF Work	48	1	30MAR2012	01JUN2012	17d	24APR2012	21JUN2012
CCC970110	Gate House: Excavation	6	1	11FEB2012	17FEB2012	282d	21JAN2013	26JAN2013
CCC970120	Gate House: Foundation	10	1	18FEB2012	29FEB2012	282d	28JAN2013	07FEB2013
CCC970130	Gate House: Backfilling Work	5	1	01MAR2012	06MAR2012	282d	08FEB2013	19FEB2013
CCC970140	Gate House: Superstructure	36	1	07MAR2012	21APR2012	282d	20FEB2013	02APR2013
CCC970150	Gate House: ABWF Works	30	2	22APR2012	21MAY2012	346d	03APR2013	02MAY2013
Odour Control Facilities								
Building and Structures								
CCC710110	DOU A: Excavation	14	1	16DEC2011	04JAN2012	81d	29MAR2012	18APR2012
CCC710120	DOU A: 3000(W) x 3000(D) PipeTrench	28	1	05JAN2012	11FEB2012	81d	19APR2012	22MAY2012
CCC710130	DOU A: Backfilling Work	10	1	13FEB2012	23FEB2012	81d	24MAY2012	05JUN2012
CCC710140	DOU A: On-Grade Slab	14	1	24FEB2012	10MAR2012	81d	06JUN2012	21JUN2012
CCC710150	DOU A: Conc Plinth / Walls / Roof Slab & Beam	14	1	12MAR2012	27MAR2012	81d	22JUN2012	09JUL2012
CCC710160	DOU A: ABWF Work	15	1	28MAR2012	18APR2012	81d	10JUL2012	26JUL2012
CCC720110	DOU B: Excavation	14	1	05JUL2012	20JUL2012	5d	11JUL2012	26JUL2012
CCC720120	DOU B: 3000(W) x 3000(D) PipeTrench	24	1	21JUL2012	17AUG2012	5d	27JUL2012	23AUG2012
CCC720130	DOU B: Backfilling Work	10	1	18AUG2012	29AUG2012	5d	24AUG2012	04SEP2012
CCC720140	DOU B: On-Grade Slab	14	1	30AUG2012	14SEP2012	5d	05SEP2012	20SEP2012
CCC720150	DOU B: Conc Plinth / Walls / Roof Slab & Beam	14	1	15SEP2012	03OCT2012	5d	21SEP2012	09OCT2012
CCC720160	DOU B: ABWF Work	15	1	04OCT2012	20OCT2012	5d	10OCT2012	26OCT2012
Landscaping Wroks								
Miscellaneous Works								
CCL000110	Landscape Preparation Works	8	1	28SEP2013	08OCT2013	0	28SEP2013	08OCT2013
CCL000120	Planting Works	8	1	09OCT2013	18OCT2013	0	09OCT2013	18OCT2013
CCL000130	Establishment Works	8	1	19OCT2013	28OCT2013	0	19OCT2013	28OCT2013
CCL000140	Landscape Softw orks and Establishment Works	8	1	29OCT2013	06NOV2013	0	29OCT2013	06NOV2013
CCL000150	Tree Transplantation	8	1	07NOV2013	15NOV2013	0	07NOV2013	15NOV2013
CCL000160	Preservation and Protection of Trees	8	1	16NOV2013	25NOV2013	0	16NOV2013	25NOV2013
CCL000170	Irrigation System	8	1	28SEP2013	08OCT2013	0	28SEP2013	08OCT2013
Refurbishment and Renew al Works								
Miscellaneous Works								
CCM000110	Refurbishment of Existing Buildings / Structures	320	1	26SEP2011	25OCT2012	20d	21OCT2011	17NOV2012
CCM000500	Replacement of Existing E&M Equipment	320	1	13AUG2011	11SEP2012	56d	21OCT2011	17NOV2012
Miscellaneous Works								
Miscellaneous Works								



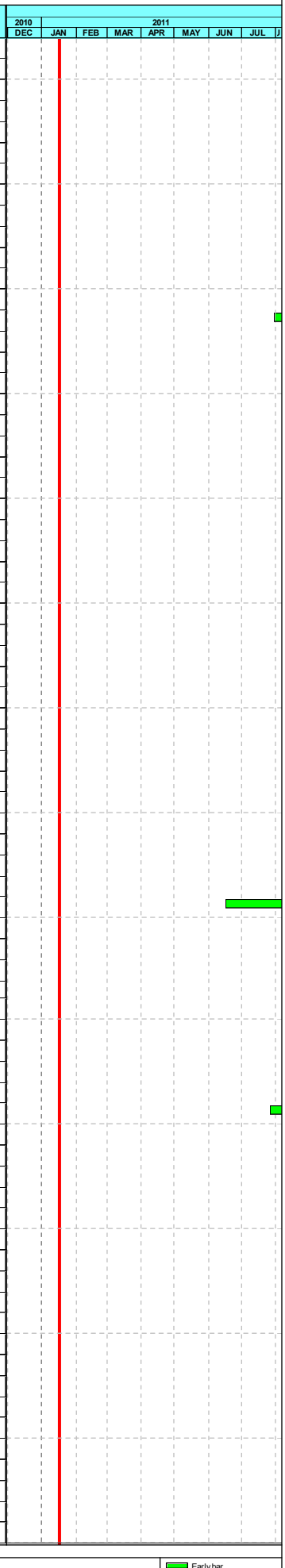
Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
CCM101010	Payment FM Chamber: Temp Earth Lateral Support	20	1	01SEP2011	24SEP2011	86d	14DEC2011	09JAN2012
CCM101020	Payment FM Chamber: Excavation	21	1	26SEP2011	21OCT2011	86d	10JAN2012	08FEB2012
CCM101030	Payment FM Chamber: Base Slab	20	1	22OCT2011	14NOV2011	86d	09FEB2012	02MAR2012
CCM101040	Payment FM Chamber: Walls	21	1	15NOV2011	08DEC2011	86d	03MAR2012	27MAR2012
CCM101050	Payment FM Chamber: Roof Slab	21	1	09DEC2011	05JAN2012	86d	28MAR2012	25APR2012
CCM101060	Payment FM Chamber: Installation of Flow meter	60	1	06JAN2012	21MAR2012	255d	16NOV2012	28JAN2013
CCM101210	Boundary Wall: Removal of Extg U-channel	90	1	13AUG2011	29NOV2011	275d	21JUL2012	05NOV2012
CCM101220	Boundary Wall: Excavation	90	1	06SEP2011	22DEC2011	275d	14AUG2012	28NOV2012
CCM101300	Boundary Wall: Footing	90	1	30SEP2011	18JAN2012	275d	06SEP2012	21DEC2012
CCM101350	Boundary Wall: Wall Stem	90	1	26OCT2011	16FEB2012	275d	02OCT2012	17JAN2013
CCM101400	Boundary Wall: Backfilling	45	1	13JAN2012	10MAR2012	275d	17DEC2012	15FEB2013
CCM101500	Boundary Wall: Provision of New U-channel	60	1	12MAR2012	26MAY2012	275d	16FEB2013	02MAY2013
CCM101600	Construction of Sitew ide Roadw orks	150	1	08APR2013	09OCT2013	18d	03MAY2013	31OCT2013
CCM101700	Construction of EVA Roadw ork	50	1	02MAR2013	04MAY2013	18d	23MAR2013	27MAY2013
CCM101790	Construction of Weighbridge	90	1	15OCT2012	30JAN2013	39d	29NOV2012	22MAR2013
CCM101800	Installation of Sitew ide Drainage	510	1	18JUL2011	06APR2013	18d	08AUG2011	02MAY2013
CCM102000	Installation of Sitew ide Sew erage	510	1	18JUL2011	06APR2013	18d	08AUG2011	02MAY2013
CCM102010	Sew erage N1 and N2	140	1	18MAY2012	02NOV2012	14d	06JUN2012	19NOV2012
CCM102030	Sew erage from PTW to CEPT	54	1	30APR2012	05JUL2012	19d	24MAY2012	27JUL2012
CCM102040	Sew erage Overflow from CEPT to Extg manhole	85	1	06JUL2012	15OCT2012	19d	28JUL2012	06NOV2012
CCM102060	Sew erage bet UV Channel to extg Pump Station	90	1	21AUG2012	05DEC2012	67d	09NOV2012	02MAR2013
CCM102100	Laying Pipe Ducts, Trenches and Utilities	500	2	14JUL2011	24NOV2012	0	14JUL2011	24NOV2012
CCM102110	Divert existing LV Cable at Fdn of Admin Bldg	32	1	09FEB2011	17MAR2011	39d	26MAR2011	07MAY2011
CCM102120	Laying cable duct Elect. Bldg.1 for CLP and LV	60	1	21DEC2011	08MAR2012	152d	04JUL2012	11SEP2012
CCM102130	Laying cable duct Elect. Bldg.2 for CLP and LV	60	1	29MAR2012	14JUN2012	102d	04AUG2012	15OCT2012
CCM102140	Laying cable duct Elect. Bldg.3 for CLP and LV	60	1	10FEB2012	24APR2012	171d	06SEP2012	16NOV2012
CCM102300	Demolition of Existing Admin Building	48	1	29MAY2012	24JUL2012	14d	14JUN2012	09AUG2012
CCM102410	Demolish E&M Work at Extg PTW	30	2	31MAY2013	29JUN2013	0	31MAY2013	29JUN2013
CCM102510	Demolish Extg Structures of PTW	90	2	30JUN2013	27SEP2013	0	30JUN2013	27SEP2013
CCM102520	Backfill and Remove Sheet Pile	30	2	29AUG2013	27SEP2013	0	29AUG2013	27SEP2013
CCM102530	Construction of Car Park	28	2	28SEP2013	25OCT2013	31d	29OCT2013	25NOV2013
Statutory Works								
Submission and Consent								
Submission and Approval								
DPD050110	AIP5: General Building Plan Submission	30	2	07SEP2010 A	04OCT2010 A		07SEP2010 A	04OCT2010 A
DPD050120	AIP5: General Building Plan- Submit to DC	0	2		04OCT2010 A			04OCT2010 A
DPD050130	AIP5: General Building Plan- DC Checking	14	2	04OCT2010 A	25FEB2011	24d	04OCT2010 A	21MAR2011
DPD050135	AIP5: General Building Plan- DC Cert	0	2		25FEB2011	24d		21MAR2011
DPD050140	AIP5: General Building Plan- FSD review	150	2	04OCT2010 A	25FEB2011	24d	04OCT2010 A	21MAR2011
DPD050145	AIP5: General Building Plan- FSD endorse	0	2		25FEB2011	24d		21MAR2011
DPD050150	AIP5: General Building Plan - submit to SO	0	2		25FEB2011	24d		21MAR2011
DPD050160	AIP5: General Building Plan - SO review	28	2	01MAR2011	29APR2011	24d	25MAR2011	23MAY2011
DPD050170	AIP5: General Building Plan- SO Grant Consent	0	2		29APR2011	24d		23MAY2011
DPD050310	DDA5: General Building Plan- prep. Submission	60	2	31MAR2011	29MAY2011	126d	04AUG2011	02OCT2011
DPD050320	DDA5: General Building Plan- Submit to DC	0	2		29MAY2011	126d		02OCT2011
DPD050330	DDA5: General Building Plan- DC Checking	30	2	30MAY2011	28JUN2011	126d	03OCT2011	01NOV2011
DPD050340	DDA5: General Building Plan- DC Cert	0	2		28JUN2011	126d		01NOV2011
DPD050350	DDA5: General Building Plan-submit to SO	0	2	29JUN2011		126d	02NOV2011	
DPD050360	DDA5: General Building Plan- SO review	56	2	02JUL2011	26AUG2011	126d	05NOV2011	30DEC2011
DPD050370	DDA5: General Building Plan- SO Approval	0	2		26AUG2011	126d		30DEC2011
Electrical Supply and Energization - CLP								
Building and Structures								
SSE200115	Application of Electricity to CLP	14	2	28JUL2010 A	10AUG2010 A		28JUL2010 A	10AUG2010 A
SSE200120	Handover of Elec Bldg 1/ Trans Rm to CLP - Civil	30	2	08MAY2012	06JUN2012	84d	31JUL2012	29AUG2012
SSE200130	Building Services Installation in Transformer Rm	40	2	07JUN2012	16JUL2012	84d	30AUG2012	08OCT2012
SSE200140	Handover Building Services Installation to CLP	30	2	17JUL2012	15AUG2012	84d	09OCT2012	07NOV2012
SSE200150	CLP to Install Transformer	60	2	16AUG2012	14OCT2012	84d	08NOV2012	06JAN2013
SSE200160	Handover Associated Cable Duct to CLP	30	2	26SEP2012	25OCT2012	43d	08NOV2012	07DEC2012
SSE200170	CLP to Install HV Cables	30	2	26OCT2012	24NOV2012	43d	08DEC2012	06JAN2013
SSE200180	Submit WRI to CLP and CLP Inspection	7	2	25DEC2012	31DEC2012	6d	31DEC2012	06JAN2013
SSE200190	CLP Install Energy Meter / Energize Pow er	3	2	01JAN2013	03JAN2013	6d	07JAN2013	09JAN2013
SSE200210	Handover of Elec Bldg 2 Tx Rm to CLP - Civil	30	2	21JUL2012	19AUG2012	21d	11AUG2012	09SEP2012
SSE200220	Building Services Installation in Transformer Rm	40	2	20AUG2012	28SEP2012	21d	10SEP2012	19OCT2012
SSE200230	Handover Building Services Installation to CLP	30	2	29SEP2012	28OCT2012	21d	20OCT2012	18NOV2012
SSE200240	CLP to Install Transformer	60	2	29OCT2012	27DEC2012	21d	19NOV2012	17JAN2013
SSE200250	Handover Associated Cable Duct to CLP	30	2	21JUL2012	19AUG2012	114d	12NOV2012	11DEC2012
SSE200260	CLP to Install HV Cables	30	2	20AUG2012	18SEP2012	114d	12DEC2012	10JAN2013
SSE200270	Submit WRI to CLP and CLP Inspection	7	2	22DEC2012	28DEC2012	20d	11JAN2013	17JAN2013
SSE200280	CLP Install Energy Meter / Energize Pow er	3	2	29DEC2012	31DEC2012	20d	18JAN2013	20JAN2013
SSE200310	Handover of Elec Bldg 3 Tx Rm to CLP - Civil	30	2	02JUN2012	01JUL2012	20d	22JUN2012	21JUL2012
SSE200320	Building Services Installation in Transformer Rm	40	2	02JUL2012	10AUG2012	20d	22JUL2012	30AUG2012
SSE200330	Handover Building Services Installation to CLP	30	2	11AUG2012	09SEP2012	20d	31AUG2012	29SEP2012
SSE200340	CLP to Install Transformer	60	2	10SEP2012	08NOV2012	20d	30SEP2012	28NOV2012



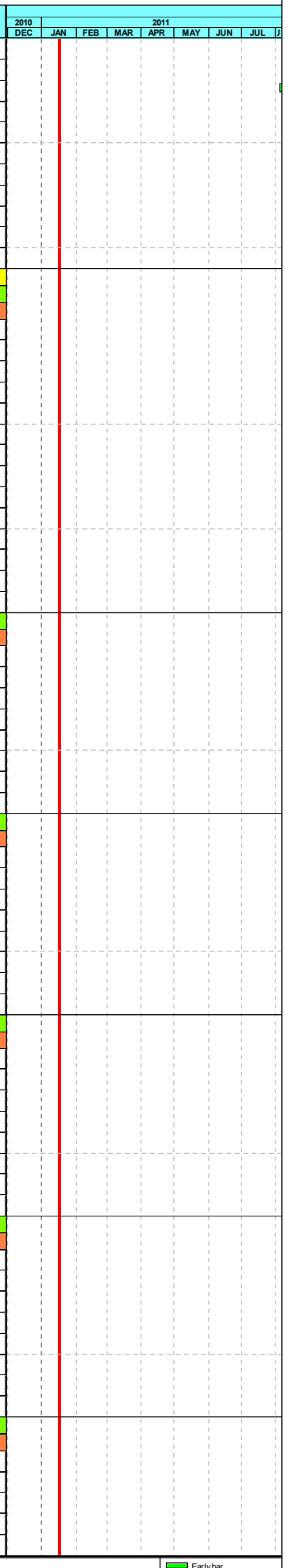
Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
SSE200350	Handover Associated Cable Duct to CLP	30	2	09NOV2012	08DEC2012	20d	29NOV2012	28DEC2012
SSE200360	CLP to Install HV Cables	30	2	09DEC2012	07JAN2013	20d	29DEC2012	27JAN2013
SSE200370	Submit WRI to CLP and CLP Inspection	7	2	08JAN2013	14JAN2013	20d	28JAN2013	03FEB2013
SSE200380	CLP Install Energy Meter / Energize Power	1	2	15JAN2013	15JAN2013	20d	04FEB2013	04FEB2013
Fire Services - FSD								
Building and Structures								
SSF200410	Submit Form FS314 & FS501	1	2	05MAY2013	05MAY2013	23d	28MAY2013	28MAY2013
SSF200420	FS Inspection and re-inspection	30	2	06MAY2013	04JUN2013	23d	29MAY2013	27JUN2013
SSF200430	FS Approval Certificate	30	2	05JUN2013	04JUL2013	23d	28JUN2013	27JUL2013
Plumbing - WSD								
Building and Structures								
SSP200510	Submit WW046 Part 4 Request for Inspection	1	2	30DEC2012	30DEC2012	28d	27JAN2013	27JAN2013
SSP200520	WSD Inspection and Re-inspection	30	2	31DEC2012	29JAN2013	28d	28JAN2013	26FEB2013
SSP200530	WW046 Part 5	30	2	30JAN2013	28FEB2013	28d	27FEB2013	28MAR2013
Telecommunication								
Building and Structures								
SST200610	Handover Plant Room and Cable Duct to Telecom Co	7	2	25NOV2012	01DEC2012	33d	28DEC2012	03JAN2013
SST200620	Telecom Co to Install Cable and Equipment	60	2	02DEC2012	30JAN2013	33d	04JAN2013	04MAR2013
E&M Works								
Procurement and Installation								
Building and Structures								
EMW001100	Penstocks to sewerage N1	26	1	04OCT2012	02NOV2012	14d	20OCT2012	19NOV2012
EMW001200	Penstock at connection to outfall PS	22	1	06DEC2012	03JAN2013	67d	04MAR2013	28MAR2013
EMW110110	Coarse Screen: Equipment Manufacturing and Test	210	2	09AUG2011	05MAR2012	16d	25AUG2011	21MAR2012
EMW110120	Coarse Screen: Delivery of E&M Equipment On Site	45	2	05APR2012	19MAY2012	16d	21APR2012	04JUN2012
EMW110130	Coarse Screen: Coarse Screen Installation	100	1	04JUN2012	28SEP2012	1d	05JUN2012	02OCT2012
EMW110140	Coarse Screen: Penstock installation	100	1	04JUN2012	28SEP2012	1d	05JUN2012	02OCT2012
EMW110150	Coarse Screen: Conveyer System installation	80	1	21JUL2012	24OCT2012	102d	20NOV2012	01MAR2013
EMW110160	Coarse Screen: Lifting Appliance installation	55	1	04JUN2012	07AUG2012	66d	21AUG2012	25OCT2012
EMW110170	Coarse Screen: Power Supply System Installation	75	1	12SEP2012	10DEC2012	1d	13SEP2012	11DEC2012
EMW110180	Coarse Screen: Control System Installation	60	1	15NOV2012	26JAN2013	1d	16NOV2012	28JAN2013
EMW120210	Inlet Pump St: E&M Equipment Procurement	240	2	09AUG2011	04APR2012	8d	17AUG2011	12APR2012
EMW120220	Inlet Pump St: Delivery of E&M Equipment On Site	42	2	15APR2012	26MAY2012	8d	23APR2012	03JUN2012
EMW120230	Inlet Pump St: Pump Installation	100	1	04JUN2012	28SEP2012	0	04JUN2012	28SEP2012
EMW120240	Inlet Pump St: Penstock Installation	100	1	04JUN2012	28SEP2012	1d	05JUN2012	02OCT2012
EMW120250	Inlet Pump St: Pipe and Valve Installation	90	1	03AUG2012	17NOV2012	0	03AUG2012	17NOV2012
EMW120260	Inlet Pump St: Lifting Appliance Installation	60	1	07OCT2011	15DEC2011	251d	14AUG2012	24OCT2012
EMW120270	Inlet Pump St: Power Supply System Installation	75	1	12SEP2012	10DEC2012	1d	13SEP2012	11DEC2012
EMW120280	Inlet Pump St: Control System Installation	60	1	15NOV2012	26JAN2013	1d	16NOV2012	28JAN2013
EMW130310	Fine Screen: E&M Equipment Procurement	210	2	16JUL2011	10FEB2012	43d	28AUG2011	24MAR2012
EMW130320	Fine Screen: Delivery of E&M Equipment On Site	42	2	12MAR2012	22APR2012	43d	24APR2012	04JUN2012
EMW130330	Fine Screen: Fine Screen Installation	100	1	05JUN2012	02OCT2012	0	05JUN2012	02OCT2012
EMW130340	Fine Screen: Penstock Installation	100	1	05JUN2012	02OCT2012	0	05JUN2012	02OCT2012
EMW130350	Fine Screen: Conveyer Installation	90	1	04AUG2012	19NOV2012	0	04AUG2012	19NOV2012
EMW130360	Fine Screen: Lifting Appliance Installation	60	1	09JUN2012	18AUG2012	56d	15AUG2012	25OCT2012
EMW130370	Fine Screen: Power Supply System Installation	75	1	11SEP2012	08DEC2012	0	11SEP2012	08DEC2012
EMW130380	Fine Screen: Control System Installation	60	1	16NOV2012	28JAN2013	0	16NOV2012	28JAN2013
EMW140410	Grit: E&M Equipment Procurement	210	2	18AUG2011	14MAR2012	10d	28AUG2011	24MAR2012
EMW140420	Grit: Delivery of E&M Equipment On Site	42	2	14APR2012	25MAY2012	10d	24APR2012	04JUN2012
EMW140430	Grit: Grit System Installation	100	1	05JUN2012	02OCT2012	0	05JUN2012	02OCT2012
EMW140440	Grit: Penstock Installation	100	1	05JUN2012	02OCT2012	0	05JUN2012	02OCT2012
EMW140470	Grit: Power Supply System Installation	75	1	04SEP2012	01DEC2012	0	04SEP2012	01DEC2012
EMW140480	Grit: Control System Installation	60	1	16NOV2012	28JAN2013	0	16NOV2012	28JAN2013
EMW151100	Septic Station: E&M Equipment Procurement	180	2	15OCT2011	11APR2012	117d	09FEB2012	06AUG2012
EMW152100	Septic Station: Delivery of E&M Equipment	60	2	12APR2012	10JUN2012	117d	07AUG2012	05OCT2012
EMW153100	Septic Station: E&M Equipment Installation	60	1	20SEP2012	30NOV2012	12d	06OCT2012	14DEC2012
EMW155100	Septic Station: Control System Installation	60	1	01DEC2012	18FEB2013	12d	15DEC2012	04MAR2013
EMW171500	PTW: SCADA System Installation	80	2	01DEC2012	18FEB2013	14d	15DEC2012	04MAR2013
EMW181100	PTW: BS System Installation	80	2	12AUG2012	30OCT2012	168d	27JAN2013	16APR2013
EMW200100	CEPT: E&M Equipment Procurement	210	2	09AUG2011	05MAR2012	0	09AUG2011	05MAR2012
EMW200200	CEPT: Delivery of E&M Equipment On Site	60	2	26MAR2012	24MAY2012	0	26MAR2012	24MAY2012
EMW201000	CEPT: Scrapper Installation	120	1	25MAY2012	16OCT2012	0	25MAY2012	16OCT2012
EMW201100	CEPT: Larmellar System Installation	110	1	17OCT2012	02MAR2013	10d	29OCT2012	14MAR2013
EMW201300	CEPT: Sludge Pumping System Installation	150	1	19JUN2012	13DEC2012	5d	25JUN2012	19DEC2012
EMW201500	CEPT: Sludge Pipeworks Installation	150	1	14JUL2012	10JAN2013	5d	20JUL2012	16JAN2013
EMW201600	CEPT: Reactor System Installation	120	1	21AUG2012	12JAN2013	4d	25AUG2012	17JAN2013
EMW202100	CEPT: Lifting Appliance Installation	70	1	16OCT2012	08JAN2013	4d	20OCT2012	12JAN2013
EMW204100	CEPT: Power Supply System Installation	80	1	12NOV2012	21FEB2013	4d	16NOV2012	26FEB2013
EMW205100	CEPT: Control System Installation	70	1	19DEC2012	19MAR2013	6d	28DEC2012	26MAR2013
EMW206100	CEPT: FRP DO covers Installation	60	1	06MAR2013	21MAY2013	10d	18MAR2013	01JUN2013
EMW207500	CEPT: SCADA System Installation	70	1	04FEB2013	07MAY2013	6d	16FEB2013	14MAY2013
EMW301100	UV: E&M Equipment Procurement	210	2	13DEC2011	09JUL2012	7d	20DEC2011	16JUL2012
EMW302100	UV: Delivery of E&M Equipment	42	2	10JUL2012	20AUG2012	7d	17JUL2012	27AUG2012
EMW303100	UV: UV module Installation	100	1	28AUG2012	24DEC2012	0	28AUG2012	24DEC2012



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
EMW304100	UV: Power Supply System Installation	75	1	08NOV2012	06FEB2013	0	08NOV2012	06FEB2013
EMW305100	UV: Control System Installation	60	1	09JAN2013	25MAR2013	10d	21JAN2013	06APR2013
EMW307500	UV: SCADA system Installation	60	1	07FEB2013	27APR2013	0	07FEB2013	27APR2013
EMW322200	RWPS: E&M Equipment Procurement	240	2	16AUG2011	11APR2012	183d	15FEB2012	11OCT2012
EMW322300	RWPS: Delivery of E&M Equipment	42	2	12APR2012	23MAY2012	183d	12OCT2012	22NOV2012
EMW322400	RWPS: E&M Installation	60	1	17NOV2012	29JAN2013	5d	23NOV2012	04FEB2013
EMW501000	Chemical: E&M Equipment Procurement	210	2	25AUG2011	21MAR2012	96d	29NOV2011	25JUN2012
EMW502000	Chemical: Delivery of E&M Equipment	35	2	22MAR2012	25APR2012	96d	26JUN2012	30JUL2012
EMW503100	Chemical: Polymer System Installation	120	1	27JUL2012	15DEC2012	3d	31JUL2012	19DEC2012
EMW503300	Chemical: Ferric Chloride System Installation	120	1	27JUL2012	15DEC2012	3d	31JUL2012	19DEC2012
EMW504100	Chemical: Power Supply System Installation	90	1	31OCT2012	21FEB2013	3d	03NOV2012	25FEB2013
EMW505100	Chemical: Control System Installation	60	1	31DEC2012	16MAR2013	3d	04JAN2013	20MAR2013
EMW507100	Chemical: SCADA System Installation	60	1	22FEB2013	08MAY2013	3d	26FEB2013	11MAY2013
EMW601000	Sludge: E&M Equipment Procurement	240	2	31JUL2011	26MAR2012	149d	27DEC2011	22AUG2012
EMW602000	Sludge: Delivery of E&M Equipment	42	2	27MAR2012	07MAY2012	149d	23AUG2012	03OCT2012
EMW603100	Sludge: Centrifuge Installation	80	1	02OCT2012	05JAN2013	2d	04OCT2012	08JAN2013
EMW603200	Sludge: Sludge Conveyer E&M Installation	80	1	17NOV2012	27FEB2013	12d	01DEC2012	13MAR2013
EMW603500	Sludge: Polymer System Installation	80	1	02OCT2012	05JAN2013	2d	04OCT2012	08JAN2013
EMW604100	Sludge: Power Supply System Installation	60	1	29NOV2012	15FEB2013	2d	01DEC2012	18FEB2013
EMW605100	Sludge: Control system Installation	60	1	07JAN2013	22MAR2013	2d	09JAN2013	25MAR2013
EMW607100	Sludge: SCADA system Installation	60	1	16FEB2013	02MAY2013	2d	19FEB2013	04MAY2013
EMW711100	DOU A: E&M Equipment Procurement	180	2	04SEP2011	01MAR2012	82d	25NOV2011	22MAY2012
EMW712100	DOU A: Delivery of E&M Equipment on Site	35	2	02MAR2012	05APR2012	82d	23MAY2012	26JUN2012
EMW713100	DOU A: Scrubber Installation	80	1	07MAY2012	10AUG2012	67d	27JUL2012	30OCT2012
EMW713500	DOU A: Odour Duct connection	70	1	05NOV2012	28JAN2013	0	05NOV2012	28JAN2013
EMW714100	DOU A: Power Supply System Installation	90	1	19JUL2012	02NOV2012	67d	08OCT2012	23JAN2013
EMW715100	DOU A: Control System Installation	60	1	15SEP2012	26NOV2012	75d	14DEC2012	02MAR2013
EMW717100	DOU A: SCADA System Installation	50	1	23OCT2012	19DEC2012	84d	01FEB2013	06APR2013
EMW721100	DOU B: E&M Equipment Procurement	180	2	04SEP2011	01MAR2012	204d	26MAR2012	21SEP2012
EMW722100	DOU B: Delivery of E&M Equipment on Site	35	2	02MAR2012	05APR2012	204d	22SEP2012	26OCT2012
EMW723100	DOU B: Scrubber Equipment Installation	70	1	22OCT2012	14JAN2013	5d	27OCT2012	19JAN2013
EMW723500	DOU B: Odour Duct connection	70	1	15JAN2013	16APR2013	16d	02FEB2013	06MAY2013
EMW724100	DOU B: Power Supply System Installation	70	1	07DEC2012	07MAR2013	5d	13DEC2012	13MAR2013
EMW725100	DOU B: Control System Installation	60	1	15JAN2013	30MAR2013	5d	21JAN2013	06APR2013
EMW727100	DOU B: SCADA System Installation	50	1	26JAN2013	30MAR2013	5d	01FEB2013	06APR2013
EMW801100	Admin Bldg : E&M Equipment Procurement	120	2	31OCT2011	27FEB2012	61d	31DEC2011	28APR2012
EMW801200	Admin Bldg : Delivery of E&M Eq. On site	60	2	28FEB2012	27APR2012	61d	29APR2012	27JUN2012
EMW801300	Admin Bldg : E&M Equipment Installation	150	1	28APR2012	26OCT2012	49d	28JUN2012	22DEC2012
EMW802100	Admin Bldg : SCADA/ELV Eq. Procurement	120	2	01OCT2011	28JAN2012	4d	05OCT2011	01FEB2012
EMW802200	Admin Bldg : Delivery of SCADA/ELV Eq. On site	60	2	29JAN2012	28MAR2012	4d	02FEB2012	01APR2012
EMW802300	Admin Bldg : SCADA/ELV Equipment Installation	120	1	29MAR2012	24AUG2012	3d	02APR2012	28AUG2012
EMW803100	Admin Bldg Service: BS Equipment Procurement	120	2	17JUN2011	14OCT2011	119d	14OCT2011	10FEB2012
EMW803200	Admin Bldg Service: Delivery of BS Eq. On site	60	2	15OCT2011	13DEC2011	119d	11FEB2012	10APR2012
EMW803400	Admin Bldg Service: MVAC Installation	200	1	10APR2012	08DEC2012	1d	11APR2012	10DEC2012
EMW803500	Admin Bldg Service: FS Installation	200	1	10APR2012	08DEC2012	12d	27APR2012	22DEC2012
EMW803600	Admin Bldg Service: P&D Installation	200	1	02JUN2012	28JAN2013	23d	29JUN2012	01MAR2013
EMW803700	Admin Bldg Service: Elect Installation	200	1	20JUL2012	21MAR2013	1d	21JUL2012	22MAR2013
EMW808000	Admin Bldg: Temp Control Connection to Extg PTW	18	1	10APR2012	04MAY2012	14d	30APR2012	21MAY2012
EMW808010	Decommission Control of PTW at Extg Admin Bldg	6	1	05MAY2012	11MAY2012	14d	22MAY2012	30MAY2012
EMW808020	Remove E&M Equipment at Extg Admin Bldg	12	1	12MAY2012	26MAY2012	14d	31MAY2012	13JUN2012
EMW808030	Disconnect Utilities at Extg Admin Bldg	12	1	12MAY2012	26MAY2012	14d	31MAY2012	13JUN2012
EMW811100	SHB Bldg: E&M Equipment Procurement	120	2	27JUL2011	23NOV2011	157d	31DEC2011	28APR2012
EMW811200	SHB Bldg: Delivery of E&M Eq. On site	60	2	24NOV2011	22JAN2012	157d	29APR2012	27JUN2012
EMW811300	SHB Bldg: E&M Equipment Installation	150	1	27JAN2012	28JUL2012	124d	28JUN2012	22DEC2012
EMW941100	Elect Bldg 1: Mat'l & Equipment Procurement	180	2	04OCT2011	31MAR2012	4d	08OCT2011	04APR2012
EMW941200	Elect Bldg 1 : Delivery of Mat'l & Equipment	40	2	01APR2012	10MAY2012	4d	05APR2012	14MAY2012
EMW941340	Elect Bldg 1: Install LV & Local Control Panel	40	1	11MAY2012	28JUN2012	3d	15MAY2012	03JUL2012
EMW941510	Elect Bldg 1: Cable Containment Installation	60	1	29JUN2012	07SEP2012	3d	04JUL2012	11SEP2012
EMW941520	Elect Bldg 1: Cable Laying	40	1	08SEP2012	26OCT2012	3d	12SEP2012	30OCT2012
EMW941530	Elect Bldg 1: Cable Test and Termination	50	1	27OCT2012	24DEC2012	3d	31OCT2012	29DEC2012
EMW941700	Elect Bldg 1: Main Panel Energization	3	1	04JAN2013	07JAN2013	5d	10JAN2013	12JAN2013
EMW941710	Elect Bldg 1: PTW MCC Energization	7	1	12DEC2012	19DEC2012	7d	20DEC2012	29DEC2012
EMW941720	Elect Bldg 1: Admin DB Energization	7	1	08JAN2013	15JAN2013	5d	14JAN2013	21JAN2013
EMW942100	Elect Bldg 2: Mat'l & Equipment Procurement	180	2	14SEP2011	11MAR2012	105d	28DEC2011	24JUN2012
EMW942200	Elect Bldg 2 : Delivery of Mat'l & Equipment	40	2	12MAR2012	20APR2012	105d	25JUN2012	03AUG2012
EMW942400	Elect Bldg 2: Install LV & Local Control Panel	50	1	21JUL2012	17SEP2012	12d	04AUG2012	03OCT2012
EMW942510	Elect Bldg 2: Cable Containment Installation	60	1	21JUL2012	28SEP2012	12d	04AUG2012	15OCT2012
EMW942520	Elect Bldg 2: Cable Laying	40	1	02OCT2012	16NOV2012	12d	16OCT2012	30NOV2012
EMW942530	Elect Bldg 2: Cable Test and Termination	50	1	06NOV2012	05JAN2013	12d	20NOV2012	19JAN2013
EMW942700	Elect Bldg 2: Main Panel Energization	3	1	07JAN2013	09JAN2013	12d	21JAN2013	23JAN2013
EMW942710	Elect Bldg 2: CEPT MCC Energization	7	1	24JAN2013	31JAN2013	17d	19FEB2013	26FEB2013
EMW942720	Elect Bldg 2: Chemical MCC Energization	7	1	24JAN2013	31JAN2013	26d	01MAR2013	08MAR2013



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
EMW942730	Elect Bldg 2: Sludge MCC Energization	7	1	18JAN2013	25JAN2013	25d	22FEB2013	01MAR2013
EMW942740	Elect Bldg 2: DOUA MCC Energization	7	1	10JAN2013	17JAN2013	12d	24JAN2013	31JAN2013
EMW943100	Elect Bldg 3: Mat'l & Equipment Procurement	180	2	05AUG2011	31JAN2012	107d	20NOV2011	17MAY2012
EMW943200	Elect Bldg 3 : Delivery of Mat'l & Equipment	40	2	01FEB2012	11MAR2012	107d	18MAY2012	26JUN2012
EMW943400	Elect Bldg 3: Install LV & Local Control Panel	60	1	02JUN2012	11AUG2012	21d	27JUN2012	05SEP2012
EMW943510	Elect Bldg 3: Cable Containment Installation	60	1	13AUG2012	23OCT2012	21d	06SEP2012	16NOV2012
EMW943520	Elect Bldg 3: Cable Laying	40	1	24OCT2012	08DEC2012	21d	17NOV2012	05JAN2013
EMW943530	Elect Bldg 3: Cable Test and Termination	50	1	10NOV2012	10JAN2013	21d	05DEC2012	04FEB2013
EMW943700	Elect Bldg 3: Main Panel Energization	3	1	16JAN2013	18JAN2013	17d	05FEB2013	07FEB2013
EMW943710	Elect Bldg 3: UV MCC Panel Energization	7	1	19JAN2013	26JAN2013	17d	08FEB2013	21FEB2013
EMW943720	Elect Bldg 3: DOUB MCC Panel Energization	7	1	07FEB2013	20FEB2013	9d	23FEB2013	02MAR2013
Testing and Commissioning								
PTW Testing and Commissioning								
Building and Structures								
EMT101210	PTW T&C Phase 1: Site Test -Coarse Screen System	40	2	03NOV2012	12DEC2012	17d	20NOV2012	29DEC2012
EMT101220	PTW T&C Phase 1: Site Test - Inlet Pump System	40	2	20NOV2012	29DEC2012	0	20NOV2012	29DEC2012
EMT101230	PTW T&C Phase 1: Site Test - Fine Screen System	40	2	20NOV2012	29DEC2012	0	20NOV2012	29DEC2012
EMT101240	PTW T&C Phase 1: Site Test - Grit System	40	2	20NOV2012	29DEC2012	0	20NOV2012	29DEC2012
EMT102310	PTW Phase 2: Dry Test of Coarse Screen System	30	2	20DEC2012	18JAN2013	10d	30DEC2012	28JAN2013
EMT102320	PTW Phase 2: Dry Testing of Inlet Pump System	30	2	30DEC2012	28JAN2013	0	30DEC2012	28JAN2013
EMT102330	PTW Phase 2: Dry Testing of Fine Screen System	30	2	30DEC2012	28JAN2013	0	30DEC2012	28JAN2013
EMT102340	PTW Phase 2: Dry Testing of Grit System	30	2	30DEC2012	28JAN2013	0	30DEC2012	28JAN2013
EMT103410	PTW Phase 3: Wet Testing of Individual Equipment	30	2	29JAN2013	27FEB2013	0	29JAN2013	27FEB2013
EMT103420	PTW Phase 3: Manual Testing of Sub-system	30	2	13FEB2013	14MAR2013	0	13FEB2013	14MAR2013
EMT103430	PTW Phase 3: Automatic Testing of Sub-system	30	2	05MAR2013	03APR2013	0	05MAR2013	03APR2013
EMT104100	PTW Phase 4: Introduce Process Fluid (Sew age)	7	2	04APR2013	10APR2013	0	04APR2013	10APR2013
EMT104200	PTW Phase 4: Auto and Process Commissioning	30	2	11APR2013	10MAY2013	0	11APR2013	10MAY2013
EMT104300	PTW Phase 4: Verification	30	2	01MAY2013	30MAY2013	0	01MAY2013	30MAY2013
CEPT Testing and Commissioning								
Building and Structures								
EMT201100	CEPT Tank Phase 1: Installation Inspection	110	2	28OCT2012	14FEB2013	0	28OCT2012	14FEB2013
EMT202100	CEPT Tank: Phase 2 - Dry Test of Individual Eq't	30	2	22FEB2013	23MAR2013	5d	27FEB2013	28MAR2013
EMT203100	CEPT Tank Phase 3: Wet Testing of Individual Eqt	30	2	24MAR2013	22APR2013	5d	29MAR2013	27APR2013
EMT203200	CEPT Tank Phase 3: Manual Test Sub-system	30	2	08APR2013	07MAY2013	5d	13APR2013	12MAY2013
EMT203300	CEPT Tank Phase 3: Automatic Test Sub-system	30	2	29APR2013	28MAY2013	5d	04MAY2013	02JUN2013
EMT204100	CEPT Tank Phase 4: Introduce Process Sew age	6	2	29MAY2013	03JUN2013	5d	03JUN2013	08JUN2013
EMT204200	CEPT: Final Auto Testing / Process Commissioning	35	2	04JUN2013	08JUL2013	5d	09JUN2013	13JUL2013
EMT204300	CEPT Tank Phase 4: Verification	14	2	09JUL2013	22JUL2013	5d	14JUL2013	27JUL2013
UV Disinfection Facilities								
Building and Structures								
EMT301100	UV: Phase 1 - Installation Inspection	50	2	25DEC2012	12FEB2013	9d	03JAN2013	21FEB2013
EMT302100	UV: Phase 2 - Dry Test of Individual Eq't	30	2	13FEB2013	14MAR2013	9d	22FEB2013	23MAR2013
EMT303100	UV: Phase 3 - Wet Test of Individual Eq't	30	2	15MAR2013	13APR2013	9d	24MAR2013	22APR2013
EMT303200	UV: Phase 3 -Manual Testing of Sub-system	30	2	30MAR2013	28APR2013	9d	08APR2013	07MAY2013
EMT303300	UV: Phase 3 - Auto Testing of Sub-system	30	2	28APR2013	27MAY2013	0	28APR2013	27MAY2013
EMT304100	UV: Phase 4 - Introduce Process Sew age	1	2	28MAY2013	28MAY2013	0	28MAY2013	28MAY2013
EMT304200	UV: Final Auto Test/Process Commissioning	30	2	29MAY2013	27JUN2013	0	29MAY2013	27JUN2013
EMT304300	UV: Phase 4 - Verification	30	2	28JUN2013	27JUL2013	0	28JUN2013	27JUL2013
Reuse Water Pumping Station								
Building and Structures								
EMT321100	RWPS: Phase 1 - Installation Inspection	40	2	30JAN2013	10MAR2013	6d	05FEB2013	16MAR2013
EMT322100	RWPS: Phase 2 - Dry Test of Individual Eq't	30	2	11MAR2013	09APR2013	6d	17MAR2013	15APR2013
EMT323100	RWPS: Phase 3 - Wet Test of Individual Eq't	30	2	10APR2013	09MAY2013	6d	16APR2013	15MAY2013
EMT323200	RWPS: Phase 3 -Manual Testing of Sub-system	30	2	25APR2013	24MAY2013	6d	01MAY2013	30MAY2013
EMT323300	RWPS: Phase 3 - Auto Testing of Sub-system	30	2	15MAY2013	13JUN2013	6d	21MAY2013	19JUN2013
EMT324100	RWPS: Phase 4 - Introduce Process Sew age	1	2	14JUN2013	14JUN2013	6d	20JUN2013	20JUN2013
EMT324200	RWPS: Final Auto Test/Process Commissioning	7	2	15JUN2013	21JUN2013	6d	21JUN2013	27JUN2013
EMT324300	RWPS Phase 4 - Verification	30	2	22JUN2013	21JUL2013	6d	28JUN2013	27JUL2013
Chemical Building								
Building and Structures								
EMT501100	Chemical: Phase 1 - Installation Inspection	50	2	16DEC2012	03FEB2013	33d	18JAN2013	08MAR2013
EMT502100	Chemical: Phase 2 - Dry Test of Individual Eq't	30	2	22FEB2013	23MAR2013	15d	09MAR2013	07APR2013
EMT503100	Chemical: Phase 3 - Wet Test of Individual Eq't	30	2	24MAR2013	22APR2013	15d	08APR2013	07MAY2013
EMT503200	Chemical: Phase 3 -Manual Testing of Sub-system	30	2	08APR2013	07MAY2013	15d	23APR2013	22MAY2013
EMT503300	Chemical: Phase 3 - Auto Testing of Sub-system	30	2	09MAY2013	07JUN2013	4d	13MAY2013	11JUN2013
EMT504100	Chemical: Phase 4 - Introduce Process Sew age	1	2	08JUN2013	08JUN2013	4d	12JUN2013	12JUN2013
EMT504200	Chemical: Final Auto Test/Process Commissioning	20	2	09JUN2013	28JUN2013	4d	13JUN2013	02JUL2013
EMT504300	Chemical: Phase 4 - Verification	25	2	29JUN2013	23JUL2013	4d	03JUL2013	27JUL2013
Sludge Dew atering and Skip Storage								
Building and Structures								
EMT601100	Sludge: Phase 1 - Installation Inspection	40	2	06JAN2013	14FEB2013	15d	21JAN2013	01MAR2013
EMT602100	Sludge: Phase 2 - Dry Test of Individual Eq't	30	2	16FEB2013	17MAR2013	14d	02MAR2013	31MAR2013
EMT603100	Sludge: Phase 3 - Wet Test of Individual Eq't	30	2	18MAR2013	16APR2013	14d	01APR2013	30APR2013
EMT603200	Sludge: Phase 3 -Manual Testing of Sub-system	30	2	02APR2013	01MAY2013	14d	16APR2013	15MAY2013
EMT603300	Sludge: Phase 3 - Auto Testing of Sub-system	30	2	03MAY2013	01JUN2013	3d	06MAY2013	04JUN2013



Activity ID	Description	Original Duration	Cal	Early Start	Early Finish	Total Float	Late Start	Late Finish
EMT604100	Sludge: Phase 4 - Introduce Process Sewage	3	2	02JUN2013	04JUN2013	3d	05JUN2013	07JUN2013
EMT604200	Sludge: Final Auto Test/Process Commissioning	20	2	05JUN2013	24JUN2013	3d	08JUN2013	27JUN2013
EMT604300	Sludge: Phase 4 - Verification	30	2	25JUN2013	24JUL2013	3d	28JUN2013	27JUL2013
Septic Waste Collection facilities								
Building and Structures								
EMT151100	Septic Station: Phase 1- Installation Inspection	30	2	01DEC2012	30DEC2012	47d	17JAN2013	15FEB2013
EMT152100	Septic Station: Phase 2 - Dry Test Indiv Eq't	30	2	31DEC2012	29JAN2013	47d	16FEB2013	17MAR2013
EMT153100	Septic Station: Phase 3 - Wet Test of Indiv Eq't	30	2	30JAN2013	28FEB2013	47d	18MAR2013	16APR2013
EMT153200	Septic Station: Phase 3 - Manual Test Sub-system	30	2	14FEB2013	15MAR2013	47d	02APR2013	01MAY2013
EMT153300	Septic Station: Phase 3 - Auto Test Sub-system	30	2	06MAR2013	04APR2013	47d	22APR2013	21MAY2013
EMT154100	Septic Station: Phase 4-Introduce Process Sewage	7	2	05APR2013	11APR2013	47d	22MAY2013	28MAY2013
EMT154200	Septic St: Final Auto Test/Process Commissioning	30	2	12APR2013	11MAY2013	47d	29MAY2013	27JUN2013
EMT154300	Septic Station: Phase 4 - Verification	30	2	12MAY2013	10JUN2013	47d	28JUN2013	27JUL2013
DOU A								
Building and Structures								
EMT711100	DOU A: Phase 1 - Installation Inspection	40	2	15SEP2012	24OCT2012	99d	23DEC2012	31JAN2013
EMT712100	DOU A: Phase 2 - Dry Test of Individual Eq't	30	2	18JAN2013	16FEB2013	14d	01FEB2013	02MAR2013
EMT713100	DOU A: Phase 3 - Wet Test of Individual Eq't	30	2	17FEB2013	18MAR2013	14d	03MAR2013	01APR2013
EMT713200	DOU A: Phase 3 -Manual Testing of Sub-system	30	2	04MAR2013	02APR2013	14d	18MAR2013	16APR2013
EMT713300	DOU A: Phase 3 - Auto Testing of Sub-system	30	2	31MAR2013	29APR2013	7d	07APR2013	06MAY2013
EMT714100	DOU A: Phase 4 - Introduce Foul Air	7	2	30APR2013	06MAY2013	7d	07MAY2013	13MAY2013
EMT714200	DOU A: Final Auto Test/Process Commissioning	30	2	07MAY2013	05JUN2013	7d	14MAY2013	12JUN2013
EMT714300	DOU A: Phase 4 - Verification	45	2	06JUN2013	20JUL2013	7d	13JUN2013	27JUL2013
DOU B								
Building and Structures								
EMT720220	DOU B: Phase 1 - Installation Inspection	40	2	15JAN2013	23FEB2013	7d	22JAN2013	02MAR2013
EMT722100	DOU B: Phase 2 - Dry Test of Individual Eq't	20	2	24FEB2013	15MAR2013	7d	03MAR2013	22MAR2013
EMT723100	DOU B: Phase 3 - Wet Test of Individual Eq't	30	2	16MAR2013	14APR2013	7d	23MAR2013	21APR2013
EMT723200	DOU B: Phase 3 - Manual Testing of Sub-system	30	2	31MAR2013	29APR2013	7d	07APR2013	06MAY2013
EMT723300	DOU B: Phase 3 - Auto Testing of Sub-system	30	2	15APR2013	14MAY2013	7d	22APR2013	21MAY2013
EMT724100	DOU B: Phase 4 - Introduce Foul Air	7	2	15MAY2013	21MAY2013	7d	22MAY2013	28MAY2013
EMT724200	DOU B: Final Auto Test/Process Commissioning	30	2	22MAY2013	20JUN2013	7d	29MAY2013	27JUN2013
EMT724300	DOU B: Phase 4 - Verification	30	2	21JUN2013	20JUL2013	7d	28JUN2013	27JUL2013
Control System								
Building and Structures								
EMT810000	Control/SCADA: Testing and Commissioning	337 *	2	25AUG2012	27JUL2013	0	29AUG2012	27JUL2013
EMT811100	Control/SCADA: Phase 1 - Installation Insp.	90	2	25AUG2012	22NOV2012	4d	29AUG2012	26NOV2012
EMT812100	Control/SCADA: Phase 2 - Dry Test of Indi. Eq't	90	2	23NOV2012	20FEB2013	4d	27NOV2012	24FEB2013
EMT813100	Control/SCADA: Phase 3 - Auto Testing Sub-sys	90	2	21FEB2013	21MAY2013	4d	25FEB2013	25MAY2013
EMT814200	Control/SCADA: Final Auto Test/Process Comm.	60	2	25APR2013	23JUN2013	4d	29APR2013	27JUN2013
EMT814300	Control: Phase 4 - Verification	30	2	28JUN2013	27JUL2013	0	28JUN2013	27JUL2013
Building Services								
Building and Structures								
EMT830620	BS: Phase 1 - Installation Inspection	30	2	09DEC2012	07JAN2013	14d	23DEC2012	21JAN2013
EMT830650	BS: Phase 2 - Dry Test of Individual Eq't	60	2	16JAN2013	16MAR2013	6d	22JAN2013	22MAR2013
EMT830670	BS: Phase 3 - Wet Test of Individual Eq't	30	2	22MAR2013	20APR2013	1d	23MAR2013	21APR2013
EMT830680	BS: Phase 3 -Manual Testing of Sub-system	30	2	06APR2013	05MAY2013	1d	07APR2013	06MAY2013
EMT830690	BS: Phase 3 - Auto Testing of Sub-system	30	2	26APR2013	25MAY2013	1d	27APR2013	26MAY2013
EMT830710	BS: Government Inspection	18	2	26MAY2013	12JUN2013	1d	27MAY2013	13JUN2013
EMT830720	BS: Government Re-inspection	30	2	13JUN2013	12JUL2013	1d	14JUN2013	13JUL2013
EMT830730	BS: Government Issue Certificate	14	2	13JUL2013	26JUL2013	1d	14JUL2013	27JUL2013
Optimisation and Proving Test for All E&M Works								
Building and Structures								
EMT995000	CEPT Phase 5 Optimisation period	30	2	28JUL2013	26AUG2013	0	28JUL2013	26AUG2013
EMT995300	CEPT Phase 5 Proving Period	90	2	28AUG2013	25NOV2013	0	28AUG2013	25NOV2013