QUARTERLY EM&A REPORT

OSCAR Bioenergy Joint Venture

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

1 June 2016 - 31 August 2016

Environmental Resources Management

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

Organic Waste Treatment Facilities, Phase I

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

(September 2016)

Verified by:	Helen Cochrane
Position: <u>Indep</u>	endent Environmental Checker
Date:	30 S ep.16

OSCAR Bioenergy Joint Venture

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

1 June 2016 - 31 August 2016 Reference 0279222

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

CONTENTS

	EXECUTIVE SUMMARY	1
1	INTRODUCTION	1
1.1	PURPOSE OF THE REPORT	1
1.2	STRUCTURE OF THE REPORT	1
2	PROJECT INFORMATION	3
2.1	BACKGROUND	3
2.2	GENERAL SITE DESCRIPTION	4
2.3	CONSTRUCTION ACTIVITIES	4
2.4	PROJECT ORGANISATION AND MANAGEMENT STRUCTURE	4
2.5	STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS	4
3	ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTA MITIGATION MEASURES	AL 6
4	IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS	7
5	WASTE MANAGEMENT	8
6	ENVIRONMENTAL INSPECTIONS	9
6.1	WEEKLY SITE AUDITS	g
6.2	LANDSCAPE AND VISUAL AUDIT	9
6.3	EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING	10
7	ENVIRONMENTAL NON-CONFORMANCE	11
7.1	SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE	11
7.2	SUMMARY OF ENVIRONMENTAL COMPLAINT	11
7.3	SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION	11
8	CONCLUSIONS	12
	LIST OF TABLES	
TABLE 2.1	SUMMARY OF CONSTRUCTION ACTIVITIES UNDERTAKEN IN REPORTING PERIOD	
TABLE 2.2	SUMMARY OF ENVIRONMENTAL LICENSING, NOTIFICATION AND PERMIT STATUS	

TABLE 5.1 QUANTITIES OF WASTE GENERATED FROM THE PROJECT

LIST OF ANNEXES

ANNEX A	LOCATION OF PROJECT
ANNEX B	WORKS LOCATION
ANNEX C	CONSTRUCTION PROGRAMME FOR THE PROJECT
ANNEX D	PROJECT ORGANIZATION CHART WITH CONTACT DETAIL
ANNEX E	IMPLEMENTATION SCHEDULE OF MITIGATION MEASURES
ANNEX F	WASTE FLOW TABLE
ANNEX G	ENVIRONMENTAL COMPLAINT, ENVIRONMENTAL SUMMONS AND PROSECUTION LOG
ANNEX H	INVESTIGATION REPORT OF ENVIRONMENTAL NON-COMPLIANCE

CONTENTS

	EXECUTIVE SUMMARY	1
1	INTRODUCTION	1
1.1	PURPOSE OF THE REPORT	1
1.2	STRUCTURE OF THE REPORT	1
2	PROJECT INFORMATION	3
2.1	BACKGROUND	3
2.2	GENERAL SITE DESCRIPTION	4
2.3	CONSTRUCTION ACTIVITIES	4
2.4	PROJECT ORGANISATION AND MANAGEMENT STRUCTURE	4
2.5	STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS	4
3	ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTA MITIGATION MEASURES	AL 6
4	IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS	7
5	WASTE MANAGEMENT	8
6	ENVIRONMENTAL INSPECTIONS	9
6.1	WEEKLY SITE AUDITS	g
6.2	LANDSCAPE AND VISUAL AUDIT	9
6.3	EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING	10
7	ENVIRONMENTAL NON-CONFORMANCE	11
7.1	SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE	11
7.2	SUMMARY OF ENVIRONMENTAL COMPLAINT	11
7.3	SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION	11
8	CONCLUSIONS	12
	LIST OF TABLES	
TABLE 2.1	SUMMARY OF CONSTRUCTION ACTIVITIES UNDERTAKEN IN REPORTING PERIOD	
TABLE 2.2	SUMMARY OF ENVIRONMENTAL LICENSING, NOTIFICATION AND PERMIT STATUS	

1 INTRODUCTION

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

1.1 Purpose of the Report

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

1.2 STRUCTURE OF THE REPORT

The structure of the report is as follows:

Section 1: **Introduction**

It details the scope and structure of the report.

Section 2: **Project Information**

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

Section 3: Environmental Monitoring Requirements

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

Section 4: **Implementation Status on Environmental Mitigation Measures** It summarises the implementation of environmental protection measures during the reporting period.

Section 5: Waste Management

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

Section 6: **Environmental Site Inspection**

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

Section 7: Environmental Non-conformance

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

Section 8 : Conclusions

2 PROJECT INFORMATION

2.1 BACKGROUND

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

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

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

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

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

2.2 GENERAL SITE DESCRIPTION

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

2.3 CONSTRUCTION ACTIVITIES

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

Table 2.1 Summary of Construction Activities Undertaken in the Reporting Period

Construction Activities Undertaken

- Superstructure, Construction, Raft Foundation and E&M cast-in items installation Works for Building 1;
- Concrete Defects rectification works, waterproofing works, fire services installation, ABWF and finishing works, installation of pump at roof, E&M installation Works for Building 2;
- Construction of Substructure and Superstructure Works, E&M cast-in items installation and installation of ABWF and BS inside CLP HV Switch Room for Building 3;
- Manholes and Cable Draw Pits Construction:
- Construction of concrete plinths, ASP fabrication works Works for Biogas Holder and Biogas Plant;
- Suspension Buffer Tank, water filling and scaffolding erection for cladding work for AD tank1 and 2;
- Erection works for AD tank 3;
- Erection of SBT tank;
- Plinth modification and structural steel erection works for Ammonia Stripping Plant;
- Construction Works for Boundary Wall and Boundary Fence Wall, relocation of project signboard, construction of underground utilities manholes, cable draw pits and pipeline laying works;
- Erection of CHP 1,2,3 for CHP area;
- Underground drainage and drawpit works for site-wide.
- Temporary traffic management, underground drainage works and roadworks for Portion
 2: and
- Material handling and storage, steel bending & cutting works.

2.4 PROJECT ORGANISATION AND MANAGEMENT STRUCTURE

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

2.5 STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS

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

Table 2.2 Summary of Environmental Licensing, Notification and Permit Status

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

3 ENVIRONMENTAL MONITORING REQUIREMENT, ENVIRONMENTAL MITIGATION MEASURES

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

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

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

4 IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS

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

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

Table 5.1 Quantities of Waste Generated from the Project

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

Notes:

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

ENVIRONMENTAL INSPECTIONS

6.1 WEEKLY SITE AUDITS

6

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

June 2016

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

July 2016

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

August 2016

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

6.2 LANDSCAPE AND VISUAL AUDIT

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

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

June 2016

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

July 2016

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

August 2016

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

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

- Provide insect prevention measures to the exposed root of retained tree to prevent potential damage due to the exposure.
- 13 labelled trees T3, T4, T5, T6, 78, T9, T26, T17, T28, T29, T30 and T34 were felled due to the major defects or health problems caused by the Typhoon Nida on 2 August 2016.

6.3 EFFECTIVENESS OF MITIGATION MEASURES AND MONITORING

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

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

7 ENVIRONMENTAL NON-CONFORMANCE

7.1 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

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

7.2 SUMMARY OF ENVIRONMENTAL COMPLAINT

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

7.3 SUMMARY OF ENVIRONMENTAL SUMMON AND SUCCESSFUL PROSECUTION

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

8 CONCLUSIONS

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

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

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

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

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

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

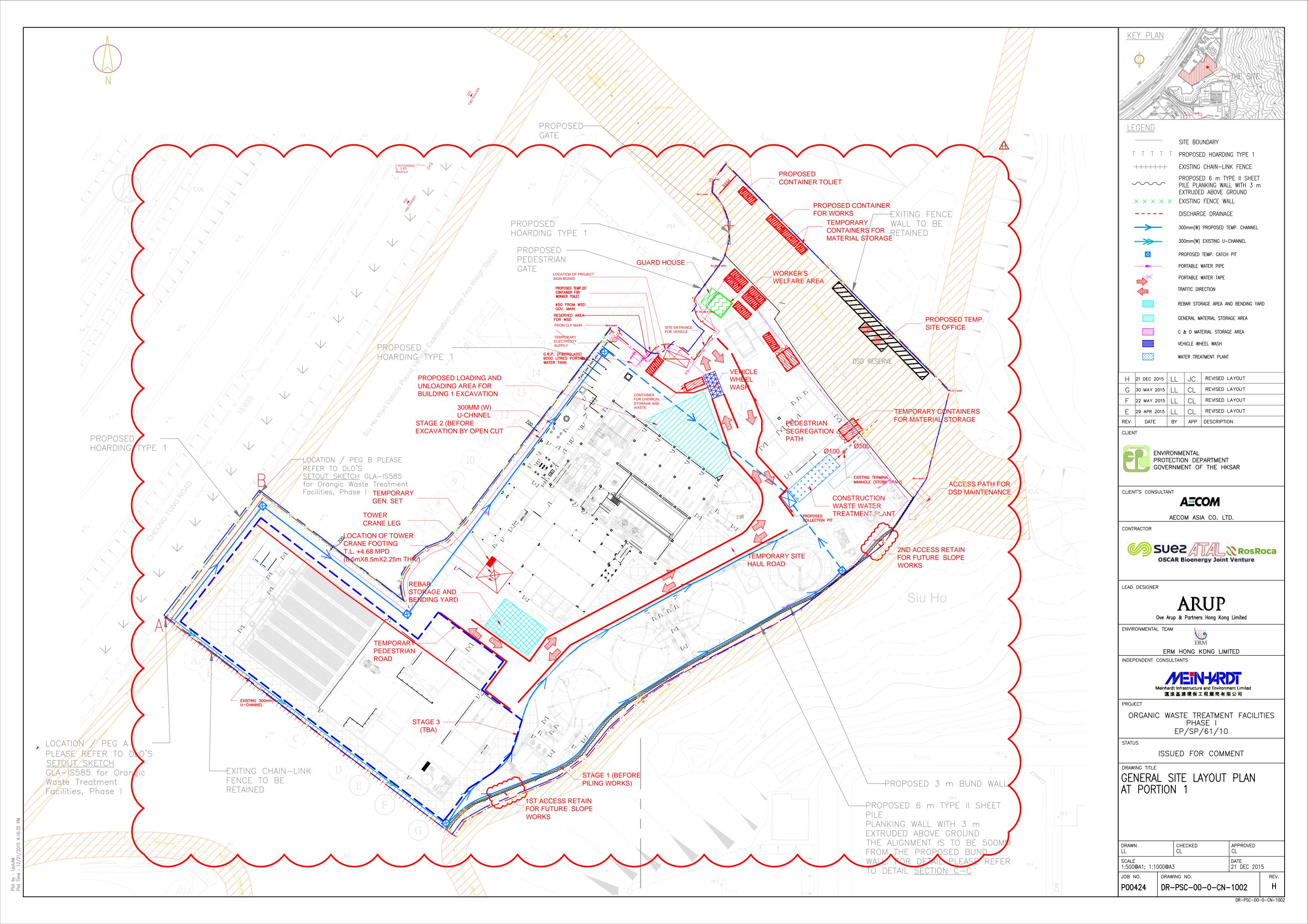
Annex A

Project Layout



Annex B

Works Location



Annex C

Construction Programme of the Project

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Variance - 2015 ZUTO

BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Contract No. EP/SP/61/10 - The Design & Construction Works 19-Nov-14 1d 19-Nov-14 19-Nov-14 0d 19-Nov-14 A 19-Nov-14 A LETTER OF ACCEPTANCE LETTER OF ACCEPTANCE KD100200 1d 19-Nov-14 19-Nov-14 19-Nov-14 A 19-Nov-14 A MAJOR MILESTONES 295d 17-Dec-14 16-Dec-15 16-Jan-15 A 11-Nov-15 A ♦ MC1.1 - Substantial Completion of ER & IC Acco MC110100 MC1.1 - Substantial Completion of ER & IC Accommodation 25-Apr-15 17-Jun-15 A 12 MC110200 17-Dec-14 16-Jan-15 A 100% MC1.2 - Joint signing of IC Agreement MC1.2 - Joint signing of IC Agreement 0d 16-Dec-15 100% 13 MC110300 MC1.3 - Employer's consent granted on draft Contractor's Plans 11-Nov-15 A MC1.3 - Employer's consent granted or 28-Oct-15 A 17-Nov-16 218d 20-Jul-15 23-Feb-16 -52d 15 MC2.1 The Employer's consent granted on Detailed Design Submission -2680 MC210100 MC2.1.1 - Employer's consent granted in respect of Detailed Design of Waste Receiving & 20-Jul-15 18-Jan-16 A MC2.1.1 - Employer's consent grant n respect of Detailed Design of Waste Receiving & Pre-treatment System MC2.1.2 - Employer's consent granted in respect of Detailed Design of Anaerobic Digestion 20-Oct-15 21-Dec-15 A MC2.1.2 - Employer's consent granted in espect of Detailed Design of Anaerobic Digestion Treatment System 19 MC210300 MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP 0d 05-Aug-15 01-Mar-16 A 100% -2090 MC2.1.3 - Employer's consent granted in respect of Detailed Design of Biogas treatment & CHP Ger MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System 25-Nov-15 A 100% 20 26-Oct-15 MC2.1.4 - Employer's consent granted in respect of Detailed Design of Composting System 21 MC210500 MC2.1.5 - Employer's consent granted in respect of Detailed Design of CAPCS & WWTS 0d 23-Sep-15 28-Oct-15 A 100% MC2.1.5 Employer's consent granted in respect of Detailed Design of CAPCS & WWTS 22 MC210600 MC2.1.6 - Employer's consent granted in respect of Detail Design of control & instrumentation 17-Nov-16 0% -87d 20-Oct-15 ◆ MC2.1.6 - Employer's consent granted in respect of Detail De 23 MC210700 MC2.1.7 - Employer's consent granted in respect of building services & electrical works 04-Nov-15 27-Oct-16 0% -104d ◆ MC2.1.7 - Employer's consent granted in respect of building set 24 MC2.1.8 - Employer's consent granted in respect of Detailed Design of civil, structural & 5d MC210800 23-Feb-16 21-Sep-16 0% -211 ◆ MC2.1.8 - Employer's consent granted in respect of Detailed Design of 25 Οd MC210900 MC2.1.9 - Employer's consent granted in respect of Detailed Design of architectural & landscape 03-Dec-15 17-Aug-16 A 100% -258 MC2.1.9 - Employer's consent granted in respect of Detailed Design of archi 26 MC2.2 Completion of the Design of the Works 23-Feb-16 17-Nov-16 -52d 28 MC220100 MC2.2 - Completion of the Design of the Works 23-Feb-16 17-Nov-16 0% -52d -268 ◆ MC2.2 - Completion of the Design of the Works MC3 Milestones for Construction of the Works 30 MC3.1 Construction of Civil and Structural Works 427d 06-Jul-15 08-Dec-16 130d 22-Jul-15 A 13-Jun-17 -67d -1470 427d 06-Jul-15 22-Jul-15 A 13-Jun-17 32 MC310100 MC3.1.1 - Completion of site formation 17-May-16 A ◆ MC3.1.1 33 MC310200 MC3.1.2 - Completion of 50% of piling works 06-Jul-15 22-Jul-15 A MC3.1.2 - Completion of 50% of piling works MC3.1.3 - Completion of 100% of piling works 34 MC310300 MC3.1.3 - Completion of 100% of piling works Οd 22-Sep-15 22-Sep-15 A 100% MC310400 MC3.1.4 - Completion of 50% of superstructure works 100% MC3.1.4 - Completion of 35 08-Jan-16 17-Mar-16 A 36 MC310500 MC3.1.5 - Completion of 80% of superstructure works 0d 13-Feb-16 17-Aug-16 A 100% -151 MC3.1.5 - Completion of 80% of superstructure works **** 0d 37 MC310600 MC3.1.6 - Completion of 100% of superstructure works 0% -217 11-Apr-16 30-Dec-16 -67d MC3.1.6:- Completion of 100% of superstructure wo 38 MC310700 MC3.1.7 - Completion of 100% of drainage, road and geotechnical works 08-Dec-16 13-Jun-17 0% -67d -147 MC3.17 - Completion 125d 26-Jan-16 02-Jul-16 232d MC3.2 Delivery of Materials and Equipment to the Site 08-Jul-16 A 30-Dec-16 41 MC320100 MC3.2.1 - Completion of Delivery of Pre-treatment System 30-Dec-16 194d MC3.2.1 - Completion of Delivery of Pre-treatment S 42 MC320200 25-Feb-16 -46d ◆ MC3.2.2 - Completion of Delivery of Anaerobic Digesters MC3.2.2 - Completion of Delivery of Anaerobic Digesters 21-Sep-16 0% 43 MC320300 MC3.2.3 - Completion of Delivery of Combined Heat and Power Units 02-Jul-16 08-Jul-16 A 100% n of Delivery of Combined Heat and Power Units 44 MC3.2.4 - Completion of Delivery of Composting Tunnels 25-May-16 05-Dec-16 0% 211d MC3.2.4 - Completion of Delivery of Composting Tunnels 45 MC320500 MC3.2.5 - Completion of Delivery of Centralized Air Pollution Control System 0d 26-Jan-16 22-Nov-16 0% -70d -204 ◆ MC3,2.5 - Completion of Delivery of Centralized Air Pollution 46 MC320600 MC3.2.6 - Completion of Delivery of Wastewater Treatment System 13-Apr-16 22-Nov-16 0% -55d ◆ MC3.2.6 - Completion of Delivery of Wastewater Treatment -93d 47 MC3.3 Equipment and System Installations 134d 22-Jun-16 30-Nov-16 86d 20-Jan-17 11-May-17 -127 48 134d 22-Jun-16 30-Nov-16 11-May-17 -93d -1270 MC3.3.1 - Completion of Waste Receiving, Storage and Feeding System & Pre-treatment System ◆ MC3.3.1 - Completion of Waste Receiv MC330200 Od -98d 50 MC3.3.2 - Completion of Anaerobic Digestion Treatment System 12-Sep-16 27-Jan-17 0% -1120 ◆ MC3.3.2 · Completion of Anaerobic Digestion T MC3.3.3 - Completion of Biogas Cleaning and Storage System 08-Nov-16 26-Jan-17 -12d ◆ MC3.3.3 - Completion of Biogas Cleaning and Store

MC3.3 - Completion of Biogas Cleaning and Biogas C 52 MC330400 MC3.3.4 - Completion of Heat Recovery and Power Generation System 0d 30-Nov-16 15-Mar-17 0% -53d MC3.3.4 - Completion of Heat Recover 53 MC330500 0d 18-Mar-17 -56d MC3.3.5 - Completion of Composting System ◆ MC3.3.5 - Completion of Composting S 54 0d -75d MC330600 MC3.3.6 - Completion of Centralized Air Pollution Control System 25-Aug-16 18-Feb-17 0% -143d ◆ MC3.3.6 - Completion of Centralized Air Poll 55 -80d MC3.3.7 - Completion of Wastewater Treatment System 22-Jun-16 20-Jan-17 0% ◆ MC3.3.7 - Completion of Wastewater Treatment 56 MC330800 MC3.3.8 - Completion of control and instrumentation works 19-Aug-16 20-Jan-17 0% -99d -126 MC3,3.8 - Completion of control and instrumer -103d MC3.3.9 - Completion of building services works & electrical works ◆ MC3.3.9 - Completion of build 58 MC3.4 Architectural and Landscape works 0d 31-Dec-16 31-Dec-16 19-Jun-17 19-Jun-17 -72d -134 Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Page 1 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

HKSAR			Contrac			lities Phas	a 1				Contract Program	ne i rogress opua	OSCAR BIOENERGY
Activity ID	Activity Name	BL Project BL Project	BL Project	Remaining	Start	Finish		otal Float Va	iance -		2015 20	6	2017
MC340100	MC3.4 - Completion of architectural and landscape works	Duration Start	Finish 31-Dec-16	Duration 0d		19-Jun-17	Complete 0%	-72d	Project Finish -134d	Nov Dec Jan Feb Mar Apr	r May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec Jan Feb	Mar Apr May Jun Jul Aug Sep MC3.4 - Comple
MC3.5 Testing and		65d 23-Dec-16	16-Mar-17	110d	09-May-17		076	-148d	-150d		 		WIC3.4 - Comple
		65d 23-Dec-16	16-Mar-17	110d	09-May-17	16-Sep-17		-148d	-150d				
MC350100	MC3.5.1 - Employer's consent granted on all FAT,SAT,System Comm.Test,Process Start Up & Process Comm.&Plant Comm.T.Plan	0d	23-Dec-16	Od		20-Jun-17	0%	-163d	-179d			♦	◆ MC3.5.1 - Empl
MC350200	MC3.5.2 - Employer's consent granted on all System Commissioning Reports	0d	19-Jan-17	0d		09-May-17	0%	-38d	-85d			♦	♦ MC3.5.2 - Employer's c
MC350300	MC3.5.3 - Employer's consent granted on the Process Start Up & Process Commissioning Report	0d	27-Feb-17	0d		09-May-17	0%	-52d	-71d				MC3.5.β - Employer's c
MC350400	MC3.5.4 - Employer's consent granted on the Plant Commissioning Report	0d	16-Mar-17	0d		16-Sep-17	0%	-182d	-184d				♦
MC3.6 Issuance of	the Certificate of Substantial Completion by the Employer	0d 16-Mar-17 0d 16-Mar-17	16-Mar-17 16-Mar-17	0d 0d	16-Sep-17 16-Sep-17			-182d -182d	-184d -184d				
MC360100	MC3.6 Issuance of the Certificate of Substantial Completion by the Employer	Od 10 Mai 17	16-Mar-17	0d	10 Ocp 11	16-Sep-17	0%	-182d	-184d				•
PRELIMINARY A	AND GENERAL REQUIREMENT WORKS	710d 20-Nov-14	13-Apr-17	344d	20-Nov-14 A	14-Oct-17		0d	-149d				
Appointment and	Assignment of Contractor's Superintendents, Designers, IC and ER	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A				-1d				
		20d 20-Nov-14 20d 20-Nov-14	17-Dec-14 17-Dec-14		20-Nov-14 A 20-Nov-14 A				-1d				
PL100110	Notify the Employer of the proposed Project Manager		26-Nov-14	0d	20-Nov-14 A		100%		-15d	Notify the Employer of	f the proposed Project Manager		
PL100120	Submit Contractor's Management Team to Employer	10d 27-Nov-14	10-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%		-5d	Submit Contractor's N	Management Team to Employer		
PL100130	Employer appoves proposed Project Manager	0d	10-Dec-14	0d		10-Dec-14 A	100%		0d	Employer appoves pro	pposed Project Mahager		
PL100140	Appoint Project Manager	5d 11-Dec-14	17-Dec-14	0d	10-Dec-14 A	10-Dec-14 A	100%		5d	Appoint Project Mana	ager		
PL100150	Jointly Appoint the Independent Consultant with the Employer	10d 20-Nov-14	03-Dec-14	0d	20-Nov-14 A	03-Dec-14 A	100%		0d		pendent Consultant with the Employer		
PL100160	IC to submit names of representatives to Employer & Contractor		17-Dec-14	0d	04-Dec-14 A		100%		0d		of representatives to Employer & Contractor		
PL100180	Employer notifies Contractor of Employer's Representative	0d	17-Dec-14	0d		18-Dec-14 A	100%		-1d		ntractor of Employer's Representative		
Further Environm		39d 20-Nov-14	16-Jan-15		20-Nov-14 A		/ -		-110d				
Turner Environm	ientai renniit	39d 20-Nov-14	16-Jan-15	0d	20-Nov-14 A				-110d				
PL100190	Submit application for Further Environmental Permit	39d 20-Nov-14 5d 20-Nov-14	16-Jan-15 26-Nov-14	0d 0d	20-Nov-14 A 20-Nov-14 A		100%		-110d	Submit application for Fur	whor Environmental Bornit		
PL100200	Prepare & submit Emergency Procedures Plan by ET to IEC & ER	12d 20-Nov-14	05-Dec-14	0d	20-Nov-14 A		100%		-8d		nergency Procedures Plan by ET to IEC & ER		
PL100200			19-Dec-14	Od	18-Dec-14 A		100%		-15d				
	IEC checks & verifies Emergency Procedures Plan				16-Dec-14 A					IEC checks & ve	erifies Emergency Procedures Plan		
PL100220	ER approves Emergency Procedures Plan	0d	05-Jan-15	Od		30-Jun-15 A	100%		-119d	>	ER approves Emergency Procedures Plan		
PL100230	Submit approved Emergency Procedures Plan to Dir of EP	4d 06-Jan-15	09-Jan-15	Od	12-Jun-15 A		100%		-104d		Submit approved Emergency Procedures Plan to Dir of EP		
PL100240	Obtain Further Environmental Permit from Dir of EP	0d	16-Jan-15	0d		16-Feb-15 A	100%		-21d	Obtain Fu	rther Environmental Permit from Dir of EP		
Guarantees, Und	lertakings & Insurances	40d 20-Nov-14 40d 20-Nov-14	19-Jan-15	Od Od	20-Nov-14 A				-12d -12d		+		
		40d 20-Nov-14	19-Jan-15	0d	20-Nov-14 A	04-Feb-15 A			-12d	<u> </u>			
PL100250	Provision of Guarantee to Employer	10d 20-Nov-14	03-Dec-14	0d	20-Nov-14 A		100%		-10d	Provision of Guarante	ee to Employer		
PL100260	Provision of Undertaking to Employer	10d 20-Nov-14	03-Dec-14	0d	20-Nov-14 A		100%		-10d	Provision of Undertak	king to Employer		
PL100270	Provision of Undertakings from related companies to Employer	10d 20-Nov-14	03-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%		-10d	Provision of Undertak	kings from related companies to Employer		
PL100280	Provision of the Bond to Employer	15d 20-Nov-14	10-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%		-5d	Provision of the Bond	i to Employer		
PL100290	Provision of Contractor's All Risks Insurance	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	10-Dec-14 A	100%		5d	Provision of Contract	tor's All Risks Insurance		
PL100300	Provision of Professional Indemnity Insurance	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	10-Dec-14 A	100%		5d	Provision of Profession	onal Indemnity Insurance		
PL100310	Provision of Employee Compensation Insurance	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	10-Dec-14 A	100%		5d	Provision of Employee	e Compensation Insurance		
PL100320	Provision of Motor Vehicle Insurance	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	10-Dec-14 A	100%		5d	Provision of Motor Ve	phicle Insurance		
PL100330	Submit Undertakings & Certificates of PI Insurance	40d 20-Nov-14	19-Jan-15	0d	20-Nov-14 A	04-Feb-15 A	100%		-12d	Submit Unde	ertakings & Certificates of PI Insurance		
Programme		45d 20-Nov-14	14-Jan-15	0d	20-Nov-14 A	08-Oct-15 A			-216d				
		45d 20-Nov-14 45d 20-Nov-14	14-Jan-15 14-Jan-15	0d 0d	20-Nov-14 A 20-Nov-14 A				-216d -216d				
PL100340	Prepare & Submit Programme to IC & Employer	10d 20-Nov-14	03-Dec-14	0d	20-Nov-14 A		100%		0d	Prepare & Submit Progr	ramme to IC & Employer		
PL100350	IC checks & certifies Programme	14d 18-Dec-14	31-Dec-14	0d	04-Dec-14 A	02-Jan-15 A	100%		-2d	IC checks & certifi	ies Programme		
PL100360	Employer Consents to Contract Programme	0d	14-Jan-15	0d		08-Oct-15 A	100%		-267d	•	◆ Employer Consents to Contract Programme		
PL100370	Prepare & submit 3 months programme to Employer, ER & IC	10d 04-Dec-14	17-Dec-14	0d	04-Dec-14 A	17-Dec-14 A	100%		0d	Prepare & submit 3 m	nonths programme to Employer, ER & IC		
PL100380	Prepare & submit Critical Path Network to Employer, ER & IC	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%		0d	_ <u></u>	tical Path Network to Employer, ER & IC		
PL100390	IC checks & certifies Critical Path Network	14d 18-Dec-14	31-Dec-14	0d	18-Dec-14 A	08-Jan-15 A	100%		-8d		iffes Critical Path Network		
PL100400	Employer Consents to Critical Path Network	0d	14-Jan-15	0d		08-Oct-15 A	100%		-267d	•	◆ Employer Consents to Critical Path Network		
	t Contractor's Plans to Employer, ER & IC	319d 20-Nov-14			20-Nov-14 A		/ -		30d	V	Employer Sollecting to Official and Activative		
i icpaie & subfill	Toolillation of Tallo to Employof, ETCA TO	319d 20-Nov-14	16-Dec-15	Od	20-Nov-14 A	11-Nov-15 A			30d				
PL100410	Sub-contractor Management Plan	319d 20-Nov-14 20d 20-Nov-14	16-Dec-15 17-Dec-14	Od Od	20-Nov-14 A 20-Nov-14 A		100%		30d 0d	\$ub-contractor Mana	organist Plan		
PL100420	Draft Project Management Plan		17-Dec-14	0d	20-Nov-14 A		100%		94	Draft Project Manage			
PL100420	IC checks & certifies Project Management Plan	14d 18-Dec-14		0d	05-Dec-14 A		100%		-23d				
1 1100430	10 onotes a contines i roject ivianagement Fidir	14u 10-Dec-14	31-Dec-14	Ud	03-Dec-14 A	23-Jan-13 A	100%		-230	IC checks & co	ertifies Project Management Plan		
v1.4_up_17Aug16	6 Primary Baseline	Activity	y	Critic	cal •	♦ ♦ Ac	tual Milest	one E	Baselir	ne: Contract Progra	mme for The Design and Construction Works	Page 2 of 40	print: 27-Aug-16 11: © Oracle Corporat

the HKSAR																											ug-1
			Organio	c Waste	Treatm	ent Facil	ities Pha	se 1																OSC	CAR BI	OENI	ERG۱
Activity ID	Activity Name		BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % T Complete	Total Float Variance BL Project	t New Deal Jac	Eab	Mar Apr	2015	I Aug S	en Oct Nov	Dec Jan	Eeb Mar	· Apr May	2016	Aug Sen	Oct Nov	y Dec la	n Eeb Ms	Mar Apr	2017 May Jun	J III C	lua Ser
PL100440	10 Employer con	nsents to Project Management Plan	0d	14-Jan-15	0d		08-Jul-15 A	100%	Finis -175		\rightarrow	viai Api ji			consents to P				Juli Jul	Aug Sep	OCI NOV	Dec Jan	Feb Wal	ai Api ji	iviay Juli	Jul A	ug Sep
PL100450	50 Draft Human	Resource Plan	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%	0	Draf	t Humar	Resource	Plan														
PL100460	60 IC checks &	certifies Human Resource Plan	14d 18-Dec-14	31-Dec-14	0d	18-Dec-14 A	23-Jan-15 A	100%	-23	a 📥	IC ch	ecks & cert	ifies Human R	esource	Plan												
PL100470	70 Employer con	nsents to Human Resource Plan	Od	14-Jan-15	0d		01-Jun-15 A	100%	-138				◆ Employ	er conse	nts to Human	Resource I	Plan			; 	++	++			t		
PL100480	30 Draft Design	Plan	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%	0		1 1	Plan															
PL100490		certifies Design Plan	14d 18-Dec-14		0d		02-Feb-15 A	100%	-33		4 1		rtifies Design	Plan													
PL100500		nsents to Design Plan	0d	14-Jan-15	Od		22-May-15 A	100%	-128		10.0	necks a de	1		to Design Pla	an											
PL100510			20d 20-Nov-14		0d	20-Nov-14 A	17-Dec-14 A	100%	0	⊥ ⊥ '`	. W/aul.b	Dies	Employer	Consent	s to Design Fi	dii											
PL100520		certifies Works Plan	14d 18-Dec-14				12-Feb-15 A	100%	-43	- Piai						ļļ	ļļ		ļļļ						}		
					Od						- 10	checks &	certifies Work	s Plan													
PL100530		nsents to Works Plan	0d	14-Jan-15	0d		11-Nov-15 A	100%	-301							Employer co	onsents to	Works Plan		.							
PL100540			62d 20-Nov-14		0d		04-Mar-15 A	100%	-8		T 1	Draft Ope	ration Plah							.							
PL100550		certifies Operation Plan	14d 19-Feb-15	04-Mar-15	0d	05-Mar-15 A	14-Sep-15 A	100%	-194	d	17			1 1	IC checks												
PL100560	60 Employer con	nsents to Operation Plan	0d	18-Mar-15	0d		05-Oct-15 A	100%	-201	d		♦			Employ	er consent	s to Operat	ion Plan									
PL100570	70 Draft Asset M	fanagement Plan	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%	0	d Praf	1 1	1 1	1 1							.							
PL100580	IC checks &	certifies Asset Management Plan	14d 18-Dec-14	31-Dec-14	0d	18-Dec-14 A	05-Mar-15 A	100%	-64			IC check	s & certifies As	set Man	gement Plan												
PL100590	90 Employer con	nsents to Asset Management Plan	0d	14-Jan-15	0d		05-Jun-15 A	100%	-142	d 💠			Employ	yer conse	nts to Asset N	/anagemen	t Plan										
PL100600	00 Draft Environ	mental Management Plan	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%	0	d 📥 Draf	t Enviro	nmental Ma	nagement Plai	n						.							
PL100610	IC checks &	certifies Environmental Management Plan	14d 18-Dec-14	31-Dec-14	0d	18-Dec-14 A	16-Feb-15 A	100%	-47	d =	<u> </u>	C checks &	certifies Envir	ohmenta	Management	Plan				.							
PL100620	20 Employer con	nsents to Environmental Management Plan	0d	14-Jan-15	0d		23-Jun-15 A	100%	-160		ᠠ		♦ Em	ployer ¢o	nsents to Env	ironmental	Manageme	nt Plan	111		1	††	+		[1	
PL100630	30 Final Environ	mental Management Plan	20d 18-Dec-14	19-Jan-15	0d	02-Jun-15 A	11-Jun-15 A	100%	-96				Final	Environm	ental Managei	ment Plan											
PL100640	10 Draft Quality	Plan	20d 20-Nov-14	17-Dec-14	0d	20-Nov-14 A	17-Dec-14 A	100%	0	d Draf	t Quality	Plan								.							
PL100650	50 IC checks &	certifies Quality Plan	14d 18-Dec-14	31-Dec-14	0d	18-Dec-14 A	27-Jan-15 A	100%	-27	d	IC ch	ecks & cer	tifies Quality P	lan						.							
PL100660		nsents to Quality Plan	0d	14-Jan-15	0d		15-Jul-15 A	100%	-182				1 1	1 1	consents to	Ouality Plan				.							
PL100670		r Quality Sub-agent	0d	09-Apr-15	0d		30-Mar-15 A	100%	5	1		o ci	omit CV for Qu				-		ļļļ	, 					ļ		
PL100680		and Health Plan	20d 20-Nov-14	<u>'</u>	0d		17-Dec-14 A	100%	0			1	1 1	Jailly Sub	agent												
										Dian	1 1																
PL100690		certifies Safety & Health Plan	14d 18-Dec-14		0d		14-Jan-15 A	100%	-14		IC chec	ks & certifi	es Safety & He	1 1													
PL100700		nsents to Safety & Health Plan	0d	14-Jan-15	0d		09-Jun-15 A	100%	-146	_			1 1	1 1	ents to Safety	1 1	lan										
PL100710	10 Final Safety a	and Health Plan	17d 18-Dec-14	14-Jan-15	0d	10-Jun-15 A	15-Jul-15 A	100%	-122	1 +				Final Sa	ety and Health	Plan											
PL100720	20 Site Manager	ment Plan for Trip Ticket System (TTS)	14d 11-Dec-14	02-Jan-15	0d	18-Feb-15 A	05-Mar-15 A	100%	-42		-	Site Mana	igement Plan f	or Trip T	cket System (TTS)											
PL100730	IC checks &	certifies TTS Site Management Plan	14d 03-Jan-15	16-Jan-15	0d	06-Mar-15 A	25-Mar-15 A	100%	-68	d -		IC ch	ecks & certifie	s TTS Si	e Managemer	nt Plan											
PL100740	10 Employer con	nsents to TTS Site Management Plan	0d	30-Jan-15	0d		04-May-15 A	100%	-94	d	\ \	•	Employer co	nsents to	TTS Site Mar	agement P	Plan										
PL100790	00 Draft Handba	ack Plan	14d 30-Oct-15	18-Nov-15	0d	02-Jul-15 A	30-Jul-15 A	100%	76	d			_	• !	<u> </u>	Draft Hand	dback Plan										
PL100800	00 IC checks &	certifies Draft Handback Plan	14d 19-Nov-15	02-Dec-15	0d	31-Jul-15 A	16-Sep-15 A	100%	77	d				-	· _	∔ IC chec	ks & certific	es Draft Har	ndback Plan	.							
PL100810	10 Employer con	nsents to Draft Handback Plan	0d	16-Dec-15	0d		15-Oct-15 A	100%	62	d	11			1111	*	♠ Emple	oyer conse	nts to Draft	Handback P	lar	1	1	1			1	
Prepare &	submit complaints p	procedure	32d 20-Nov-14	07-Jan-15	0d	20-Nov-14 A	11-May-15 A		-82	d																	
			32d 20-Nov-14 32d 20-Nov-14	07-Jan-15 07-Jan-15	0d 0d		11-May-15 A 11-May-15 A		-82 -82																		
PL100750	50 Submit comp	laints procedure to ER	20d 20-Nov-14		0d		17-Dec-14 A	100%	0		nit comp	laints proc	edure to ER														
PL100760	60 ER agrees to	complaint procedures	0d	31-Dec-14	0d		10-Apr-15 A	100%	-66	4		1 1	agrees to co	mplaint pr	ocedures	 	+	 	†		++	+	+		r	 	
PL100770	70 Establish Hot	line for complaints	4d 02-Jan-15	07-Jan-15	0d	11-Apr-15 A	11-May-15 A	100%	-82	1 .		<u> </u>	Establish H	1 1	1 1												
General			5d 21-Jan-15	27-Jan-15	0d	21-Jan-15 A	27-Jan-15 A		0	d																	
			5d 21-Jan-15	27-Jan-15	0d	21-Jan-15 A	27-Jan-15 A		0	1 1																	
PL100780	30 Submit partic	ulars of Tree supervisor to Employer	5d 21-Jan-15 5d 21-Jan-15	27-Jan-15 27-Jan-15	0d 0d		27-Jan-15 A 27-Jan-15 A	100%	0		Subn	nit particula	s of Tree sup	ervisor to	Employer	 									·		
	f Operation & Mainter		200d 27-Apr-16	23-Dec-16	201d		24-Jul-17		-114d -168											1							
	- Thankon		200d 27-Apr-16	23-Dec-16	201d	16-Nov-16	24-Jul-17		-114d -168	d																	
TN10010	00 Prepare & su	bmit training syllabus and materials to IC & Employer	200d 27-Apr-16 20d 27-Apr-16	23-Dec-16 25-May-16	201d 20d		24-Jul-17 13-Dec-16	0%	-114d -168 -95d -140													Prepa	are & subn	mit trainir	ng svllahur	s and me	iteriale t
TN10015		certifies training syllabus & materials	14d 26-May-16	08-Jun-16	14d		27-Dec-16	0%	-81d -202	Jij						ļļ		Ţ	<u> </u>		.	1 1	checks & c	1 1	: : :	: :	
TN10020		rees to training syllabus and materials	0d	22-Jun-16	0d		10-Jan-17	0%	-81d -202	_								'				1 1	Employer a	- 1 1	1 1 1	1 1	- 1
TN10025		g of Contractor's Operation staff	60d 29-Jul-16	24-Oct-16	60d			0%		_ ; ;									♦				-inployer a	ayiees to		1 1	
							22-May-17)	+	\top						M Training	
TN10030		g of Employer's staff	64d 26-Aug-16	25-Nov-16	64d		26-Jun-17	0%	-95d -140													1				O&M T	1 -
TN10035		ng for Employer	20d 28-Nov-16	23-Dec-16	20d		24-Jul-17	0%	-95d -140		.					ļļ	/	,							ļļ "	0	dour Tr
- Control of the Cont	on of Testing / Operat	ion Plan	385d 09-Sep-15 59d 09-Sep-15	23-Dec-16		01-Dec-15 A	20-Jun-17		-25d -140	4																	
Factory Acc	ceptance Test Plan		59d 09-Sep-15 59d 09-Sep-15	19-Nov-15 19-Nov-15		01-Dec-15 A 01-Dec-15 A	27-Oct-16 27-Oct-16		21d -277 21d -277					<u> </u>	<u> </u>		/	<u> </u>				<u>l</u>	<u>i</u>		<u>_</u> '	<u>l</u>	_ !
ect:v1.4_up_17 <i>A</i>	Aug16	Primary Ba	seline Activit	tv	Crit	ical 🔷	- Δ	ctual Milest	tone Base	eline: Contr	act P	rogram	me for Th	ne De	sign and	Constri	uction V	Vorks			Page 3	of 40	T	prir	nt: 27- <i>P</i>	Aug-1	6 11
		e: 27-Aug-2016		•		ual Work	▼ /\'		v1.4		~~· I	91 4111	101 11	500	g and	2011011	V	. 5.110		1	age 3	UI 40			Oracle		

		Organic			ent Facı	lities Phas							OSCAR BIOENE
ity ID	Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Total Float Complete	Variance - BL Project Finish	Dec Jan Feb Mar Apr Ma	2015 May Jun Jul Aug Sep Oct Nov D	2016 Dec Jan Feb Mar Apr May Jun Jul Au	Sep Oct Nov Dec Jan Feb Ma	2017 Ir Apr May Jun Jul Au
TP100100	Submission of Factory Acceptance Test Plan	20d 09-Sep-15	08-Oct-15	21d	01-Dec-15 A	·	55% 450	-233d				Submission of Factory Acceptar	
TP100110	IC checks & comments on Factory Acceptance Test Plan	14d 09-Oct-15	22-Oct-15	43d	17-Dec-15 A	29-Sep-16	35% -950	-343d				IC checks & comments on Fa	actory Acceptance Test Plan
TP100120	Revise & resubmit Factory Acceptance Test Plan		29-Oct-15	7d	30-Sep-16	06-Oct-16	0% -950					Revise & resubmit Factory A	
TP100130	IC checks & certifies Factory Acceptance Test Plan	7d 30-Oct-15	05-Nov-15	7d	07-Oct-16	13-Oct-16	0% -950	-343d				■ IC checks & certifies Facto	ory Acceptance Test Plan
TP100140	Employer Consents to Factory Acceptance Test Plan	0d	19-Nov-15	0d		27-Oct-16	0% -950			\ \ \		Employer Consents to F	actory Acceptance Test Pla
Site Acceptance Tes	tt Plan	57d 31-Dec-15 57d 31-Dec-15	10-Mar-16 10-Mar-16	58d 58d	23-Aug-16 23-Aug-16	01-Nov-16 01-Nov-16	-100d						
TP100200	Submission of Site Acceptance Test Plan	20d 31-Dec-15	28-Jan-16	20d	23-Aug-16	20-Sep-16	0% -830	-158d			->	Submission of Site Acceptance	Test Plan
TP100210	IC checks & comments on Site Acceptance Test Plan	14d 29-Jan-16	11-Feb-16	14d	21-Sep-16	04-Oct-16	0% -1200	-236d			-	IC checks & comments on S	ite Acceptance Test Plan
TP100220	Revise & resubmit Site Acceptance Test Plan	7d 12-Feb-16	18-Feb-16	7d	05-Oct-16	11-Oct-16	0% -1200	-236d			-	Revise & resubmit Site Acc	eptance Test Plan
TP100230	IC checks & certifies Site Acceptance Test Plan	7d 19-Feb-16	25-Feb-16	7d	12-Oct-16	18-Oct-16	0% -1200	-236d			-	C checks & certifies Site	Acceptance Test Plan
TP100240	Employer Consents to Site Acceptance Test Plan	0d	10-Mar-16	0d		01-Nov-16	0% -1200	-236d			\	Employer Consents to	Site Acceptance Test Plan
Detail CV		36d 20-Jun-16 36d 20-Jun-16	01-Aug-16 01-Aug-16	34d 34d	15-Dec-16 15-Dec-16	26-Jan-17 26-Jan-17	-85d						
OP100100	Submission of Detail CV before Process Start up and commissioning	1d 20-Jun-16	20-Jun-16	1d	15-Dec-16	15-Dec-16	0% -720					I Submission of [Detail CV before Process St
OP100110	IC checks & comments on Detail CV	14d 21-Jun-16	04-Jul-16	14d	16-Dec-16	29-Dec-16	0% -103d	-178d				IC ohecks &	comments on Detail CV
OP100120	Revise & resubmit Detail CV	7d 05-Jul-16	11-Jul-16	7d	30-Dec-16	05-Jan-17	0% -103d	-178d			-	Revise & re	submit Detail CV
OP100130	IC checks & certifies Detail CV	7d 12-Jul-16	18-Jul-16	7d	06-Jan-17	12-Jan-17	0% -103d	-178d			=	■ IC checks	& certifies Detail CV
OP100140	Employer Consents to Detail CV before Process Start up and commissioning	0d	01-Aug-16	0d		26-Jan-17	0% -1030	-178d			\ \ \ \ \	◆ Employe	er Consents to Detail CV be
All System Commiss	ioning Plan	41d 14-Jun-16	01-Aug-16	39d	09-Dec-16	26-Jan-17	-210						
OP100150	Submission of All System Commissioning Plan	41d 14-Jun-16 5d 14-Jun-16	01-Aug-16 20-Jun-16	39d 5d	09-Dec-16 09-Dec-16	26-Jan-17 15-Dec-16	-21d 0% -18d					Submission of A	All System Commissioning P
OP100160	IC checks & comments on All System Commissioning Plan	14d 21-Jun-16	04-Jul-16	14d	16-Dec-16	29-Dec-16	0% -240	-178d				IC checks &	comments on All System Co
OP100170	Revise & resubmit All System Commissioning Plan	7d 05-Jul-16	11-Jul-16	7d	30-Dec-16	05-Jan-17	0% -240	-178d				Revise & re	submit All System Commiss
OP100180	IC checks & certifies All System Commissioning Plan	7d 12-Jul-16	18-Jul-16	7d	06-Jan-17	12-Jan-17	0% -240	-178d			_	■ IC checks	& certifies All System Comr
OP100190	Employer Consents to All System Commissioning Plan	0d	01-Aug-16	0d		26-Jan-17	0% -240	-178d				◆ Employe	er Consients to All System C
Process Start Up Pla	an	40d 01-Aug-16	16-Sep-16	41d	26-Jan-17	17-Mar-17	-1410						
OP100200	Submission of Process Start up Plan	40d 01-Aug-16 5d 01-Aug-16	16-Sep-16 05-Aug-16	41d 5d	26-Jan-17 26-Jan-17	17-Mar-17 03-Feb-17	-141d 0% -118d					Submi	ssion of Process Start up P
OP100210	IC checks & comments on Process Start up Plan	14d 06-Aug-16	19-Aug-16	14d	04-Feb-17	17-Feb-17	0% -174d	-182d				: : : : : <u>:</u> :	hecks & comments on Pro
OP100220	Revise & resubmit Process Start up Plan		26-Aug-16	7d	18-Feb-17	24-Feb-17	0% -174d						evise & resubmit Process S
OP100230	IC checks & certifies Process Start up Plan	7d 27-Aug-16	02-Sep-16	7d	25-Feb-17	03-Mar-17	0% -1740					1 1 1 1 1 <u>1</u>	C checks & certifies Proces
OP100240	Employer Consents to Process Start up Plan	Od	16-Sep-16	0d		17-Mar-17	0% -1740	-182d					Employer Consents to Pro
Process Commission	ning Plan	40d 03-Oct-16	18-Nov-16	37d	03-Apr-17	22-May-17	-106d	-146d					
OP100250	Submission of Process Commissioning Plan	40d 03-Oct-16 5d 03-Oct-16	18-Nov-16 07-Oct-16	37d 5d	03-Apr-17 03-Apr-17	22-May-17 10-Apr-17	-106d 0% -90d						Submission of Proces
OP100260	IC checks & comments on Process Commissioning Plan	14d 08-Oct-16	21-Oct-16	14d	11-Apr-17	24-Apr-17	0% -134d						IC checks & comm
OP100270	Revise & resubmit Process Commissioning Plan	7d 22-Oct-16	28-Oct-16	7d	25-Apr-17		0% -134d						Revise & resubmi
OP100280	IC checks & certifies Process Commissioning Plan	7d 29-Oct-16	04-Nov-16	7d	02-May-17	08-May-17	0% -134d						IC checks & cert
OP100290	Employer Consents to Process Commissioning Plan	0d	18-Nov-16	0d	-2ay 17	22-May-17	0% -1340						◆ Employer Con
Operation Plan	tall the state of the st	36d 21-Jun-16	02-Aug-16	34d	16-Dec-16	27-Jan-17	880					^	- Employer Con
	Cubatissian of Connellin Plan	36d 21-Jun-16	02-Aug-16	34d	16-Dec-16	27-Jan-17	880	-147d				ļļļļ	
OP100300	Submission of Operation Plan	1d 21-Jun-16	21-Jun-16	1d	16-Dec-16	16-Dec-16	0% 740					\$ubmission of 0	
OP100310	IC checks & comments on Operation Plan	14d 22-Jun-16	05-Jul-16	14d	17-Dec-16		0% 1140				-	1 1 1 1 1 1 1	comments on Operation Pl
OP100320	Revise & resubmit Operation Plan	7d 06-Jul-16	12-Jul-16	7d	31-Dec-16	06-Jan-17	0% 1140					1 1 1 1 1_ 1 1	esubmit Operation Plan
OP100330	IC checks & certifies Operation Plan	7d 13-Jul-16	19-Jul-16	7d	07-Jan-17	13-Jan-17	0% 1140				-		& certifies Operation Plan
OP100340	Employer Consents to Operation Plan	0d 41d 07-Nov-16	02-Aug-16	0d	02-May-17	27-Jan-17	0% 1140				\	▼ Employ	er Consents to Operation P
Plant Commissioning		41d 07-Nov-16	23-Dec-16 23-Dec-16	41d 41d	02-May-17	20-Jun-17 20-Jun-17	-130d	-140d					
OP100350	Submission of Plant Commissioning Plan	5d 07-Nov-16	11-Nov-16	5d	02-May-17	09-May-17	0% -107d					0	Submission of Pl
OP100360	IC checks & comments on Plant Commissioning Plan		25-Nov-16	14d	10-May-17	23-May-17	0% -1630					-	IC checks & d
OP100370	Revise & resubmit Plant Commissioning Plan	7d 26-Nov-16	02-Dec-16	7d	24-May-17	30-May-17	0% -163d					+	Revise & res
OP100380	IC checks & certifies Plant Commissioning Plan	7d 03-Dec-16	09-Dec-16	7d	31-May-17	06-Jun-17	0% -1630					-	IC checks
OP100390	Employer Consents to Plant Commissioning Plan	0d	23-Dec-16	0d		20-Jun-17	0% -163d					♦	◆ Empløye
Operation and Ma	intenance Manuals and Record Drawings	96d 15-Dec-16 96d 15-Dec-16	13-Apr-17 13-Apr-17	108d 108d	08-Jun-17 08-Jun-17	14-Oct-17 14-Oct-17	0d						
OD42242		96d 15-Dec-16	13-Apr-17	108d	08-Jun-17	14-Oct-17	00	-149d					
OP100400	Submission of draft Operation and Maintenance Manual (SPE-A Clause 1.16.1.1)	0d 15-Dec-16		0d	08-Jun-17		0% 31d	-114d				♦	Submission
1 up 174	Primary Baselin	e Activity	,	Critic	nal 4	<u>Λ</u> Λ~4	ual Milestone	Roccline	Contract Programs	me for The Design and C	onetruction Works	Dogo 4 of 40	print: 27 Aug 46
.4_up_17Aug16	Primary Baselin	ne ♦ Milesto		- Critic	Jai 🖣	✓ ACT	uai iviilesione	v1.4	Contract Programn	me for the besign and C	OHSTRUCTION WORKS	Page 4 of 40	print: 27-Aug-16 © Oracle Corp

HKSAR	ction Department		Contrac				_			CO	illiact Programii	ne Progress Upo	_
A salivite . ID	Activity Name				ent Faci	lities Phas		al Flacti Veriance		2045	201		OSCAR BIOENERG
Activity ID	Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	FILISH	Activity % Total Complete	al Float Variance - BL Project Finish	Nov Dec Jan Feb Mar Apr	or May Jun Jul Aug Sep Oct Nov D	ec Jan Feb Mar Apr May Jun	Jul Aug Sep Oct Nov Dec Jan F	Feb Mar Apr May Jun Jul Aug Se
OP100450	IC checks & comments on draft Operation and Maintenance Manual	28d 15-Dec-16	11-Jan-17	28d	08-Jun-17	05-Jul-17	0%	43d -175d					IC checks a
OP100500	Submission of Operation and Maintenance Manual (SPE-A Clause 1.16.1.2)	0d	16-Mar-17	0d		16-Sep-17	0%	0d -184d			(•
OP100520	IC checks & Certifies the Operation and Maintenance Manual	28d 17-Mar-17	13-Apr-17	28d	17-Sep-17	14-Oct-17	0%	0d -184d					- -
OP100550	Submission of Record Drawings (SPE-A Clause 1.6.8)	0d	13-Apr-17	0d		09-Oct-17	0%	4d -120d					♦
COMMENCE	MENT, SITE POSSESSION AND ACCESS	533d 18-Dec-14	07-Oct-16	222d	18-Dec-14 A	20-May-17		122d -180d					
		533d 18-Dec-14		222d	18-Dec-14 A	20-May-17		122d -180d					
		533d 18-Dec-14 533d 18-Dec-14	07-Oct-16 07-Oct-16	222d 222d	18-Dec-14 A 18-Dec-14 A	20-May-17 20-May-17		122d -180d 122d -180d					
KD100300	COMMENCEMENT OF THE DESIGN AND THE WORKS	0d 18-Dec-14		0d	18-Dec-14 A		100%	Od	COMMENCEMENT C	OF THE DESIGN AND THE WORKS		N	
KD100310	Start Date of Possession of Portion 1	0d 18-Dec-14		0d	18-Dec-14 A		100%	Od	\$ Start Date of Possess	ssion of Portion 1			
KD100320	Start Date of Access to Portion 2	0d 14-Mar-16		0d	04-Jul-16 A		100%	-88d			•	Start Date of Access to Portion 2	
KD100330	End Date of Access to Portion 2	0d	07-Oct-16	0d		13-Jan-17	0%	52d -80d				♦ En	nd Date of Access to Portion 2
KD100340	Start Date of Possession of Portion 3	0d 18-Dec-14		0d	18-Dec-14 A		100%	Od	Start Date of Possess	ssion of Portion 3		>	
KD100350	End Date of Possession of Portion 3 (to be extended to 31-Dec-2017)	0d	31-May-16	0d		30-Sep-16*	0%	0d -102d				◆ End Date of Possessi	ion of Portion 3 (to be extended to 31-Dec
KD100370	Possession of Portion 4 - Ex-Ka Wah Batching Plant Area)	0d		276d	21-Mar-16 A	20-May-17	24.38%	147d					Possession of Portio
SITE ESTABLIS	SHMENT WORKS	231d 18-Dec-14	30-Sep-15	38d	18-Dec-14 A	03-Oct-16		306d -298d					
		231d 18-Dec-14	30-Sep-15	38d	18-Dec-14 A	03-Oct-16		306d -298d					
		231d 18-Dec-14 231d 18-Dec-14	30-Sep-15 30-Sep-15	38d 38d	18-Dec-14 A 18-Dec-14 A	03-Oct-16 03-Oct-16		306d -298d 306d -298d					
SE100110	Start of Site Establishment Works	0d 18-Dec-14	00 30p 10	0d	18-Dec-14 A	33 361-10	100%	0d	Start of Site Establish	hment Works			
SE100120	Submit record photographs of Site & vicinity to ER & IC	6d 19-Dec-14	27-Dec-14	Od	22-Dec-14 A	16-Jan-15 A	100%	-16d	Submit record p	photographs of Site & vicinity to ER & IC			
SE100130	Submit General Arrangement of Site Establishment	12d 19-Dec-14	05-Jan-15	0d	18-Dec-14 A	05-Jan-15 A	100%	Od	Submit General Ar	Arrangement of Site Establishment			
SE100140	IC certifies & ER consents to General Arrangement of Site Establishment	0d	12-Jan-15	0d		04-Mar-15 A	100%	-41d	♦ IC certil	tifies & ER consents to General Arrangemen	nt of Site Establishment		
SE100150	Start of Site Establishment	0d 19-Jan-15		0d	14-Jan-15 A		100%	4d	Start of Site Est	stąblishment			
SE100160	Tree survey (Excluding Natural Terrain)	12d 19-Dec-14	05-Jan-15	0d	13-Jan-15 A	13-Jan-15 A	100%	-7d	lljllj	xcluding Natural Terrain)			
SE100170	Project Signboard	18d 03-Feb-15	26-Feb-15	0d	16-Apr-15 A	19-Aug-15 A	100%	-141d		Project Signboard			
SE100180	General Works of Site Establishment	24d 20-Jan-15	16-Feb-15	0d	14-Jan-15 A	12-Feb-15 A	100%	3d	General W	Works of Site Establishment			
SE100190	Site Clearance	26d 12-Jan-15	10-Feb-15	0d	15-Jan-15 A		100%	-2d	Site Cleara				
SE100200	Hoarding, Fencing, Gates & Lighting	34d 31-Jan-15	14-Mar-15	0d	09-Mar-15 A	05-May-15 A	100%	-39d	Site oleana	Hoarding, Fencing, Gates & Lighting			
SE100210	Demolition of Concrete Pavement	110d 21-May-15	30-Sep-15	12d	16-Jun-15 A		95%	332d -272d	ļ 	ridarding, reneing, cates & Eighting		Demolition of Concrete Pay	
SE100210	Employer Representative Officer's & IC Accommodation at P3	51d 18-Feb-15	25-Apr-15	0d	25-Mar-15 A	17-Jun-15 A	100%	-43d	<u> </u>			Definition of Concrete Pay	ement
SE100240	Contractor's Accommodation at P3	51d 18-Feb-15	25-Apr-15	Od	25-Mar-15 A	17-Jun-15 A	100%	-430	<u> </u>	<u></u> .	er's & IC Accommodation at P3		
	Provision of Survey Equipment & Computer Facilities		· .	Od	17-Mar-15 A			-52d		Contractor's Accommodation a			
SE100250	, , , , , , , , , , , , , , , , , , ,	48d 25-Feb-15		-		29-Jun-15 A	100%			Provision of Survey Equipme	nt & Computer Facilities		
SE100260	Provision of Land Transport for ER	26d 09-Feb-15	13-Mar-15	Od	05-Feb-15 A	·	100%	-16d	llllll	Provision of Land Transport for ER			
SE100270	Completion of Site Establishment Works	0d	25-Apr-15	Od		19-Aug-15 A	100%	-95d		Completion of Site E			
SE100280	Install Type II Sheet Pile forming solid fence of 3m high along boundary facing the Siu Ho Wan Water Treatment Works	26d 16-Mar-15	18-Apr-15	0d	01-Apr-15 A	16-Apr-15 A	100%	2d	1 1 1 <u>1 1</u> 1	Install Type II Sheet Pile forming solid fend			
SE100290	Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Excl. Natural Terrain)	21d 06-Jan-15	29-Jan-15	0d	02-Feb-15 A	17-Mar-15 A	100%	-370	Subn	mit Tree preservation, transplanting and felli	ng proposal to LandsD and EPD (Exc	l. Natural Terrain)	
SE100300	Formation of access to Natural Terrain (if required)	6d 27-Jun-15	04-Jul-15	0d	19-Jun-15 A		100%	11d			ural Terrain (if required)		
SE100310	Tree survey (Natural Terrain - if required)	12d 06-Jul-15	18-Jul-15	0d	19-Jun-15 A		100%	18d		Tree survey (Natural Teri	ain - if required)		
SE100320	Submit Tree preservation, transplanting and felling proposal to LandsD and EPD (Natural Terrain required)	if 24d 20-Jul-15	15-Aug-15	38d	27-Jun-15 A	03-Oct-16	65%	-29d -336d				Submit Tree preserva	ation, transplanting and felling proposal to
DESIGN PREP		246d 20-Nov-14		100	20-Nov-14 A			- 77 d			4		
Design Criteria	a Submission (DCS)	73d 20-Nov-14 73d 20-Nov-14			20-Nov-14 A 20-Nov-14 A			-17d					
DD400110	Despess 8 authorit Desire Criteria Code 8 Constants to 10 TB 6 T	73d 20-Nov-14	16-Feb-15	0d	20-Nov-14 A	11-Mar-15 A	40001	-17d	<u> </u>				
DP100110	Prepare & submit Design Criteria, Codes & Standards to IC, ER & Employer	37d 20-Nov-14	14-Jan-15	Od	20-Nov-14 A	14-Jan-15 A	100%	0d		nit Design Criteria, Codes & Standards to IC	, ER & Employer	7	
DP100120	IC checks & comments on Design Criteria Submission		28-Jan-15	0d	15-Jan-15 A	29-Jan-15 A	100%	-1d	1 1 1 1 1	comments on Design Criteria Submission			
DP100130	Revise & resubmit Design Criteria to IC, ER & Employer	7d 29-Jan-15	04-Feb-15	Od	30-Jan-15 A	12-Feb-15 A	100%	-8d		resubmit Design Criteria to IC, ER & Employ			
DP100140	IC checks & certifies Design Criteria Submission	7d 05-Feb-15	11-Feb-15	Od	13-Feb-15 A		100%	-26d		ecks & certifies Design Criteria Submission			
DP100150	Submit Design Criteria Check Certificate to Employer & ER	0d	16-Feb-15	0d		11-Mar-15 A	100%	-15d	♦ Submi	nit Design Criteria Check Certificate to Empl	oyeir & EIR		
Design Conso	lidation - Process Layout	7d 20-Nov-14			20-Nov-14 A			Od					
		7d 20-Nov-14 7d 20-Nov-14	28-Nov-14 28-Nov-14	0d 0d	20-Nov-14 A 20-Nov-14 A			0d					
DP100160	Overall Process Layout		28-Nov-14	0d	20-Nov-14 A		100%	Od	Overall Process Layout				
DP100170	JV Process Layout Plan	7d 20-Nov-14	28-Nov-14	0d	20-Nov-14 A	29-Nov-14 A	100%	Od	JV Process Layout Plan				
DP100180	Organic Waste Treatment Systems Layout	7d 20-Nov-14	28-Nov-14	0d	20-Nov-14 A	29-Nov-14 A	100%	Od	Organic Waste Treatmer	ent Systems Layout			
DP100190	Biogas Process Layout	7d 20-Nov-14	28-Nov-14	0d	20-Nov-14 A	29-Nov-14 A	100%	Od	Biogas Process Layout				
	 	1											<u> </u>
v1.4_up_17Aug		Activity	y 🔀	Critic	cal 🔇	♦ Ac	tual Milesto	l l	line: Contract Program	amme for The Design and Co	onstruction Works	Page 5 of 40	print: 27-Aug-16 11:
OCC 00 0 TN	1-0061-A, Date: 27-Aug-2016	e ♦ Milesto	one 💮	Actua	al Work			v1.4			1		© Oracle Corpora

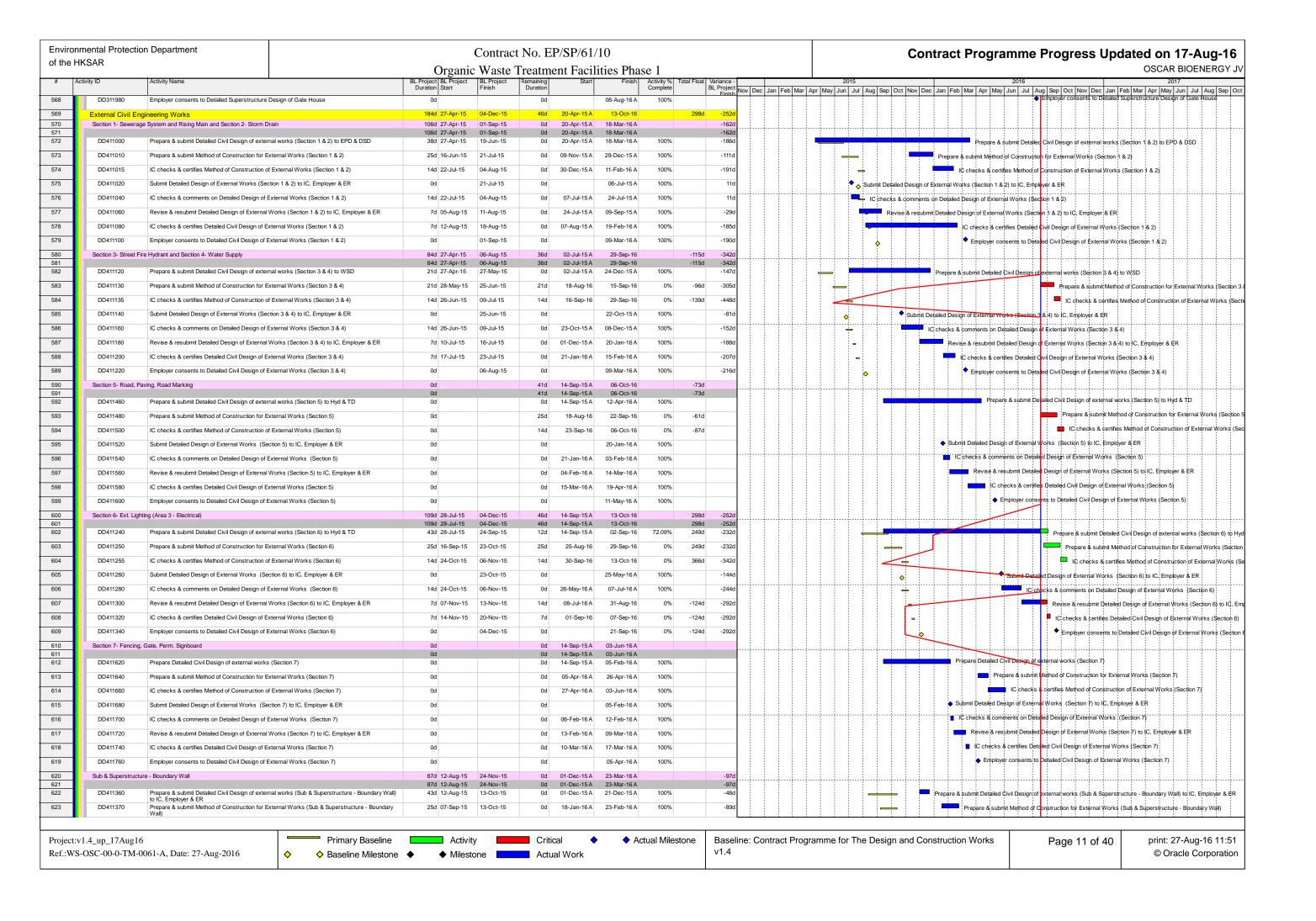
Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 288 DP100200 Wastewater Process Layo Waste Air Process Layout 289 DP100210 Waste Air Process Layout 7d 20-Nov-14 28-Nov-14 0d 20-Nov-14 A 29-Nov-14 A 100% 290 DP100220 29-Nov-14 A Completion of Process Layou Completion of Process Layout 291 9d 01-Dec-14 11-Dec-14 30-Nov-14 A Waste Receiving, Pre-treatment & Administration Building #1 292 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 293 9d 01-Dec-14 11-Dec-14 0d 30-Nov-14 A 11-Dec-14 A 294 Waste Reception Area Layout Waste Reception Area Layout 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 295 DP110120 9d 01-Dec-14 11-Dec-14 0d 30-Nov-14 A 11-Dec-14 A Pre-treatment System Layout Pre-treatment System Layout 100% DP110130 Wastewater Treatment System Layout 11-Dec-14 A Wastewater Treatment System Layou 297 DP110140 Administration Building Layout 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 100% Administration Building Layout 298 DP110150 Centralized Air Pollution Control System Layout 9d 01-Dec-14 11-Dec-14 11-Dec-14 A Centralized Air Pollution Control System Layou 30-Nov-14 A 299 Completion of Pre-Treatment Building Lavout DP110160 11-Dec-14 11-Dec-14 A 100% Completion of Pre-Treatment Building Layout 300 11-Dec-14 Composting & Maturation Building #2 301 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 302 30-Nov-14 A 11-Dec-14 A 303 DP210110 Composting Tunnel Layou 304 Maturation Area & Facilities Layout DP210120 Maturation Area & Facilities Layout 9d 01-Dec-14 11-Dec-14 0d 30-Nov-14 A 11-Dec-14 A 100% 305 DP210130 Digestate Dewatering System Layou 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 100% Digestate Dewatering System Layout 306 DP210140 Completion of Compositing Building Layout 11-Dec-14 11-Dec-14 A 100% Completion of Compositing Building Layou 307 46d 01-Dec-14 05-Feb-15 28-Feb-15 A 308 30-Nov-14 A 28-Feb-15 A 309 46d 01-Dec-14 05-Feb-15 30-Nov-14 A 28-Feb-15 A 310 DP310110 Anaerobic Digestion Treatment System Layout 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A Anaerobic Digestion Treatment System Layo 311 DP310120 Biogas Cleaning and Storage System Layout 11-Dec-14 A Blogas Cleaning and Storage System Layout 312 DP310130 Heat Recovery and Power Generation System Layout 9d 01-Dec-14 11-Dec-14 30-Nov-14 A 11-Dec-14 A 100% Heat Recovery and Power Generation System Layout 313 Weighbridge System Layout 11-Dec-14 11-Dec-14 A Weighbridge System Layout 314 DP310150 Switchgear Room & Facilities Lavout 9d 01-Dec-14 11-Dec-14 0d 30-Nov-14 A 11-Dec-14 A 100% Switchgear Room & Facilities Layout 315 Continuous Emission Monitoring System Layout 11-Dec-14 A Continuous Emission Monitoring System Layout 316 Completion of Auxiliary Buildings Layout DP310170 Completion of Auxiliary Buildings Layout 11-Dec-14 11-Dec-14 A 100% 10d 23-Jan-15 05-Feb-15 317 DP310180 11-Feb-15 A 28-Feb-15 A Piled Foundation 318 56d 01-Dec-14 23-Feb-15 01-Sep-15 A 319 56d 01-Dec-14 23-Feb-15 30-Nov-14 A 01-Sep-15 A -130d 320 56d 01-Dec-14 23-Feb-15 0d 30-Nov-14 A 01-Sep-15 A -130d L Topographic Survey 321 DP100510 Topographic Survey 14d 06-Jan-15 23-Jan-15 07-Jan-15 A 10-Jan-15 A 322 DP100520 Completion of Design Layout 11-Dec-14 11-Dec-14 A 100% Completion of Design Layout 323 0d DP100530 23-Feb-15 30-May-15 A Completion of Design Preparation 100% Completion of Design Preparation 324 DP100540 Frozen E&M Equipment Loading and General Layout 5d 01-Dec-14 05-Dec-14 30-Nov-14 A 06-Dec-14 A 100% Frozen E&M Equipment Loading and General Layout 325 DP100550 Finalized E&M Equipment Detail -130d 42d 19-Dec-14 23-Feb-15 18-Dec-14 A 01-Sep-15 A 100% 326 327 General 328 225d 20-Nov-14 25-Aug-15 20-Nov-14 A 30-Sep-15 A 0d 20-Nov-14 A 04-Dec-14 A 329 DP100560 Prepare & submit GI Plan to IC & ER 10d 20-Nov-14 03-Dec-14 Prepare & submit GI Plan to IC & ER 330 DP100570 IC certifies GI Plan 10d 04-Dec-14 17-Dec-14 05-Dec-14 A 02-Jan-15 A 100% IC certifies GI Plan 331 DP100580 ER Consents to GI Plan 05-Jan-15 100% ER Consents to GI Plan 16-Jan-15 A 332 DP100590 Mobilization and Appointment of GI Sub-Contracto 21d 20-Nov-14 13-Dec-14 15-Dec-14 A Mobilization and Appointment of GI Sub-Contractor 333 DP100600 Fieldwork (Including Predrilling and works at Natrual Terrain Unit 4) 35d 06-Jan-15 14-Feb-15 14-Jan-15 A 14-Feb-15 A 100% Fieldwork (Including Predrilling and works at Natrual Terrain Unit 4) 334 DP100610 Preliminary Fieldwork Report for AD Tanks Piling Design 3d 20-Jan-15 22-Jan-15 27-Mar-15 A 100% Preliminary Fieldwork Report for AD Tanks Piling Design Final Fieldwork Report and Geotechnical Interpretative Report 335 DP100620 Final Fieldwork Report and Geotechnical Interpretative Report 8d 16-Feb-15 27-Feb-15 27-Mar-15 A 0d 09-Mar-15 A 100% Fieldwork (Natural Terrain - if required) 336 Fieldwork (Natural Terrain - if required) DP100655 8d 17-Aug-15 25-Aug-15 30-Sep-15 A 39d 06-Jan-15 23-Feb-15 04-Mar-15 A 337 Plate Load Test 17-Jan-15 A 23-Feb-15 17-Jan-15 A 04-Mar-15 A 338 339 DP100660 17-Jan-15 A 06-Feb-15 A Excavation for Plate Load Test 340 DP100670 6d 09-Jan-15 15-Jan-15 17-Jan-15 A 18-Jan-15 A 100% Setup Loading platform and equipment for Plate Loat Test Setup Loading platform and equipment for Plate Loat Test 341 DP100680 Carry-out Plate Load Test PLT6~8 (Bldg # 2) 6d 16-Jan-15 22-Jan-15 30-Jan-15 A 100% Carry-out Plate Load Test PLT6~8 (Bldg # 2) 342 DP100690 Carry-out Plate Load Test PLT9~11 (Bldg # 1) Carry-out Plate Load Test PLT9~11 (Bldg # 1) 6d 23-Jan-15 29-Jan-15 100% -12d 26-Jan-15 A 12-Feb-15 A 343 DP100700 Carry-out Plate Load Test PLT2, 3, & 5 (Bldg #3) 05-Feb-15 02-Feb-15 A 12-Feb-15 A 100% Carry-out Plate Load Test PLT2, 3, & 5 (Bldg #3) 344 DP100710 Carry-out Plate Load Test PLT1 & 4 (Bldg #3) 6d 06-Feb-15 12-Feb-15 0d 02-Feb-15 A 12-Feb-15 A 100% Carry-but Plate Load Test PLT1 & 4 (Bldg #3) Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Page 6 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 345 DP100720 Prepare Preliminary Report for PLT6~8 (Bldg # 2) Prepare Preliminary Report for PLT6~8 (Bldg # 2) 346 DP100730 Prepare Preliminary Report for PLT9~11 (Bldg#1) 2d 30-Jan-15 31-Jan-15 03-Mar-15 A 04-Mar-15 A 100% -24d Prepare Preliminary Report for PLT9-11 (Bldg#1) 347 DP100740 Prepare Preliminary Report for PLT2, 3, & 5 (Bldg #3) 07-Feb-15 04-Mar-15 A 100% Prepare Preliminary Report for PLT2, 3, & 5 (Bldg #3) 348 DP100750 Prepare Preliminary Report for PLT1&4 (Bldg #3) Prepare Preliminary Report for PLT1&4 (Bldg #3) 2d 13-Feb-15 14-Feb-15 03-Mar-15 A 04-Mar-15 A 100% -12d 349 Issue Formal Report for Plate Load Tes Issue Formal Report for Plate Load Test 18-Sep-15 350 111d 14-Apr-15 21-Dec-15 A mental Permit (VEP) 351 Environmental Review Report (ERR) 85d 14-Apr-15 13-Aug-15 14-Apr-15 A 13-Nov-15 A 352 Air Quality Impact Assessment (AQIA) 45d 14-Apr-15 17-Jun-15 14-Apr-15 A 31-Jul-15 A -31d 27-May-15 08-May-15 A Forecast of 2031 traffic data 30d 14-Apr-15 14-Apr-15 A Forecast of 2031 traffic data 354 DP100780 Air dispersion modelling 45d 14-Apr-15 17-Jun-15 16-Apr-15 A 31-Jul-15 A 100% 355 Landscape & Visual Impact Assessment (LVIA) 45d 14-Apr-15 17-Jun-15 0d 16-Apr-15 A 13-Nov-15 A -103d 17-Jun-15 13-Nov-15 A 16-Apr-15 A 357 Environmental Review Report (ERR) 40d 18-Jun-15 13-Aug-15 0d 16-Apr-15 A 31-Aug-15 A 358 Prepare & submit ERR to EPD for informal review 06-Aug-15 A Prepare & submit ERR to EPD for informal review 359 DP100810 0d -12d EPD to issue administrative comments on ERF 13-Aug-15 31-Aug-15 A 100% ♠ EPD to issue administrative comments on ERR 360 26d 14-Aug-15 18-Sep-15 01-Sep-15 A 21-Dec-15 A 361 26d 14-Aug-15 18-Sep-15 01-Sep-15 A 21-Dec-15 A -63d 362 DP100820 Revise ERR and submit VEP to Director of EPD 5d 14-Aug-15 20-Aug-15 01-Sep-15 A 30-Nov-15 A Revise ERR and submit VEP to Director of E 363 DP100830 EPD issue VEP 21-Dec-15 A 100% -63d ◆ EPD ssue VEP 18-Sep-15 364 DETAILED DESIGN SUBMISSION (DDS) - GENERAL, CIVIL, ABWF AND LANDSCAPE 365 347d 19-Dec-14 23-Feb-16 18-Dec-14 A 21-Nov-16 265d Overall Design 366 General Building Plans Design 178d 19-Dec-14 30-Jul-15 33d 18-Dec-14 A 14-Oct-16 297d -350 367 178d 19-Dec-14 30-Jul-15 33d 18-Dec-14 A 14-Oct-16 297d 368 Prepare & submit General Buiding Plans to Stat Authorities/ Government, IC, ER & Employe 105d 19-Dec-14 12-Jan-15 A 369 DD101020 General Building Plans endorsed by Stat Authorities/ Government 0d 17-Jun-15 0d 27-Jul-16 A 100% -275d 370 DD101040 Submit General Building Plans to IC, ER & Employer 18-Jun-15 02-Sep-16* Submit General Building Plans to IC, ER & Employer 371 IC checks & comments on General Building Plans DD101060 IC checks & comments on General Building Plans 14d 19-Jun-15 02-Jul-15 14d 03-Sep-16 16-Sep-16 0% -52d -4420 372 DD101080 Revise & resubmit General Building Plans to IC, ER & Employer 7d 03-Jul-15 17-Sep-16 23-Sep-16 -52d Revise & resubmit General Building Plans to IC, ER & Employer 373 IC checks & certifies General Building Plans DD101100 IC checks & certifies General Building Plans 7d 10-Jul-15 16-Jul-15 7d 24-Sep-16 30-Sep-16 0% -52d -442d 374 DD101120 Employer consents to General Building Plans 30-Jul-15 14-Oct-16 0% 365d ◆ Employer consents to General Building Plans 375 188d 19-Dec-14 11-Aug-15 47d 19-Dec-14 A 14-Oct-16 297d -3490 Fire Safety Strategy Report 376 11-Aug-15 14-Oct-16 Prepare & submit Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Government IC, ER & Employer 188d 19-Dec-14 47d 19-Dec-14 A 377 12-Jan-15 A repaire & submit Detailed Design of Fire Safety Strategy Report to Stat Authorities/ Govern 378 DD102115 30-Mar-15 30-Mar-15 A 100% Comment from FSD 379 DD102120 Prepare & Re-submit Fire Safety Strategy Report to FSD 01-Jun-15 31-Mar-15 A 08-Jun-15 A 100% Prepare & Re-submit Fire Safety Strategy Report to FSD Liaison with F\$D for Agreement of EVA 380 DD102130 Liaison with FSD for Agreement of EVA 60d 31-Mar-15 29-Jun-15 0d 08-Jun-15 A 03-Jul-15 A 100% 381 DD102140 Detailed Design of Fire Safety Strategy Report Approved by FSD 29-Jun-15 27-Jul-16 A -267 iled Design of Fire Safety Strategy Report Approved by FSD 382 DD102180 Submit Detailed Design of Fire Safety Strategy Report to IC, ER & Employer 17-Mar-15 A 100% 30-Jun-15 Submit Detailed Design of Fire Safety Strategy Report to IC, ER & Employe 383 DD102200 IC checks & comments on Detailed Design of Fire Safety Strategy Report 27-Mar-15 A IC checks & comments on Detailed Design of Fire Safety Strategy F 384 DD102220 Revise & resubmit Detailed Design of Fire Safety Strategy Report to IC, ER & Employe 7d 15-Jul-15 21-Jul-15 16d 28-Mar-15 A 02-Sep-16 60% -51d -409 385 DD102240 IC checks & certifies Detailed Design of Fire Safety Strategy Report 7d 22-Jul-15 28-Jul-15 09-Sep-16 IC checks & certifies Detailed Design of Fire Safety Strategy Report 386 DD102260 Employer consents to Detailed Design of Fire Safety Strategy Report 365d -430d 11-Aug-15 14-Oct-16 0% Employer consents to Detailed Design of Fire Safety Strategy Rep 387 Layout Drawings 48d 23-Mar-15 03-Jun-15 23-Mar-15 A 388 48d 23-Mar-15 03-Jun-15 23-Mar-15 A 06-Jul-16 A -270d 389 DD120010 Prepare & submit Site Wide Layout Drawings for ArchSD Comment 48d 23-Mar-15 03-Jun-15 23-Mar-15 A 20-Jul-15 A 100% -32d Prepare & submit Site:Wide:Layout Drawings for ArchSD Co 390 DD120020 03-Jun-15 100% -320 23-Mar-15 A Prepare & submit Architectural Layout Drawings of Building #2 for Arch SD Comment 391 DD120030 48d 23-Mar-15 03-Jun-15 20-Jul-15 A 100% -32d Prepare & submit Architectural Layout Drawings of Building #1 for ArchSD Comment 23-Mar-15 A Prepare & submit Architectural Layout Drawings of Building #1 for Arch SD Commen 392 DD120040 Prepare & submit Architectural Layout Drawings of Building #3 for ArchSD Comment 48d 23-Mar-15 03-Jun-15 23-Mar-15 A 20-Jul-15 A 100% -32d epare & submit Architectural Layout Drawings of Building #3 for Arch SD Cornm 393 DD120130 Prepare & submit Stage 2 Architectural Layout Drawings for ArchSD Comment 02-May-16 A 06-Jul-16 A 100% 394 303d 12-Feb-15 23-Feb-16 -42d Geotechnical Design including Natural Terrain Hazard Mitigation works 395 91d 12-Feb-15 08-Jun-15 0d 11-Feb-15 A 22-Oct-15 A Prepare & submit Geotechnical Interpretative Report to GEO 27-Mar-15 396 DD101140 30d 12-Feb-15 11-Feb-15 A 27-Mar-15 A 100% Prepare & submit Geotechnical Interpretative Report to GEO 397 DD101160 GEO - Comment on Geotechnical Interpretative Report 24-Apr-15 20-Apr-15 A 100% SGEO - Comment on Geotechnical Interpretative Report 398 27-Apr-15 27-Mar-15 A Submit Geotechnical Interpretative Report to IC, ER & Employer 100% Submit Geotechnical Interpretative Report to IC, ER & Employe 399 DD101200 IC Checks & comments on Geotechnical Interpretative Report 14d 28-Apr-15 11-May-15 0d 28-Mar-15 A 08-Apr-15 A 100% 33d DD101220 Revise & resubmit Geotechnical Interpretative Report to IC, Employer & ER 7d 12-May-15 Revise & resubmit Gedtechnical Interpretative Report to IC, Employe 400 18-May-15 15-Jul-15 A 100% 09-Apr-15 A 401 DD101240 IC checks & certifies Geotechnical Interpretative Report 7d 19-May-15 25-May-15 16-Jul-15 A 30-Sep-15 A 100% -128d IC check's & certifies Geotechnical Interpretative Repor 402 DD101260 Employer consents to Geotechnical Interpretative Report 08-Jun-15 22-Oct-15 A 100% -136d Employer consents to Geotechnical Interpretative Report Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4_up_17Aug16 Page 7 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

HKSAR		Organi	c Waste	Treatme	ent Facil	lities Phas	e 1												-	OSCAR B	7-Aug-
Activity ID	Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % To Complete	otal Float Variand BL Proj		Jan Fe	b Mar Ap	20 or May Jun	15 Jul Aug	Sep Oct N	lov Dec Jar	Feb Mar Apr	2016 May Jun Jul	Aug Sep Oct Nov	Dec Jan Feb	2017 Mar Apr May Jur	n Jul Aug f
Natural Terrain F DD101280	Hazard Mitigation Prepare & submit NTH Assessment Study report to GEO	147d 26-Aug-15 30d 26-Aug-15		42d 0d	20-May-15 A 20-May-15 A	21-Nov-16 19-Jun-15 A	100%	-42d -22								TH Assessment					
DD101300	GEO - Approval of NTH Assessment Study report	0d	05-Nov-15	0d	20 May 1071	22-Feb-16 A	100%		'2d					- FIEL	Jare & Subinit			essment Study repo			
DD101320	Prepare & submit Design of NTH Mitigation works to GEO	20d 06-Nov-15		0d	23-Feb-16 A	03-Jun-16 A	100%	-12								020 70		submit Design of N	ļļļļ	s to GEO	
DD101330	Prepare & submit NTH Mitigation Method of Construction	20d 04-Dec-15		20d	03-Oct-16	31-Oct-16	0%	-30d -20)4d								- 1000		1 1 1 1	TH Mitigation Method	of Construction
DD101335	IC checks & certifies Method of Construction of NTH Mitigation Design	14d 05-Jan-16	18-Jan-16	14d	01-Nov-16	14-Nov-16	0%	-43d -30)1d											fies Method of Const	1 1 1
DD101340	GEO - Approval of NTH Mitigation Design	0d	04-Jan-16	0d		30-Sep-16*	0%	-66d -18	34d						\			♦ GEO - A	pproval of NTH N	litigation Design	
DD101360	Submit NTH Mitigation Design to IC, ER & Employer	0d	05-Jan-16	0d		03-Oct-16	0%	-66d -18	34d						\$			Submit I	TH Mitigation De	sign to IC, ER & Em	ployer
DD101380	IC checks & comments on NTH Mitigation Design	14d 06-Jan-16	19-Jan-16	14d	04-Oct-16	17-Oct-16	0%	-50d -2	'2d									■ IC ch	ecks & comment	s on NTH Mitigation [Design
DD101400	Revise & resubmit NTH Mitigation Design to IC, Employer & ER	7d 20-Jan-16	26-Jan-16	7d	18-Oct-16	24-Oct-16	0%	-50d -2	'2d						-			Rev	se & resubmit N	H Mitigation Design	to IC, Employe
DD101420	IC checks & certifies NTH Mitigation Design	14d 27-Jan-16	09-Feb-16	14d	25-Oct-16	07-Nov-16	0%	-50d -27	'2d							-		= 10	checks & certifi	es NTH Mitigation De	sign
DD101440	Employer consents to NTH Mitigation Design	0d	23-Feb-16	0d		21-Nov-16	0%	-50d -27	'2d							♦		•	Employer conse	nts to NTH Mitigation	Design
	ng, Pre-treatment & Administration Building #1	181d 21-Apr-15	25-Nov-15	41d		06-Oct-16		-27d -25	55d		ļļ										
Raft Footing and	Substructure Design	70d 21-Apr-15 70d 21-Apr-15	15-Jul-15 15-Jul-15	0d 0d	13-Apr-15 A 13-Apr-15 A	02-Mar-16 A 02-Mar-16 A		-18 -18													
DD111000	Prepare & submit Detailed Substructure Design of Bldg #1 to IC, ER & Employer	30d 21-Apr-15	03-Jun-15	0d	13-Apr-15 A	20-Jul-15 A	100%		32d		•		Prepa	re & submit [Detailed Subs	ucture Design of	Bldg #1 to IC, ER	& Employer			
DD111010	Prepare & submit Method of Construction for Substructure of Bldg #1	30d 21-Apr-15	03-Jun-15	0d	23-Nov-15 A	02-Feb-16 A	100%	-16				$\overline{\Box}$						nstruction for Substr			
DD111015	IC checks & certifies Method of Construction of Detailed Substructure Design of Bldg #1	14d 04-Jun-15	17-Jun-15	0d	03-Feb-16 A	02-Mar-16 A	100%	-25		<u> </u>	<u> </u>		<u>-</u>			<u> </u>		oc of Construction of	Detailed Substru	cture Design of Bldg	#1
DD111020	IC checks & comments on Detailed Substructure Design of Bldg #1	14d 04-Jun-15	17-Jun-15	0d	21-Jul-15 A	11-Aug-15 A	100%		55d			-	1 1	1 1	1 1	etailed Substructi					
DD111040	Revise & resubmit Detailed Substructure Design of Bldg #1 to IC, Employer & ER	7d 18-Jun-15	24-Jun-15	0d	12-Aug-15 A	28-Aug-15 A	100%		65d			-		Revise & re				DIC, Employer & ER			
DD111060	IC checks & certifies Detailed Substructure Design of Bldg #1	7d 25-Jun-15		0d	29-Aug-15 A	31-Dec-15 A	100%		33d			-			1 1	1 1 1 1	1 1 1	icture Design of Bldg	1 1 1 1		
DD111080	Employer consents to Detailed Substructure Design of Bldg #1	Od .	15-Jul-15	0d		27-Jan-16 A	100%	-19					♦			Employer cons	ents to Detailed \$	ubstructure Design o	Bldg #1		
Superstructure D	lesign	74d 04-Jun-15 74d 04-Jun-15	31-Aug-15 31-Aug-15	0d 0d	04-Jun-15 A 04-Jun-15 A	21-Apr-16 A 21-Apr-16 A		-18 -18								·					1
DD111100	Prepare & submit Detailed Superstructure Design of Bldg #1 to IC, ER & Employer	32d 04-Jun-15	20-Jul-15	0d	04-Jun-15 A	26-Nov-15 A	100%	-9	90d						Prepare	submit Detailed	Superstructure D	esign of Bldg #1 to IC	, ER & Employer		
DD111110	Prepare & submit Method of Construction for Superstructure of Bldg #1	32d 04-Jun-15	20-Jul-15	0d	01-Feb-16 A	31-Mar-16 A	100%	-17					-			: : : :		thod of Construction	: : : :	1 1 1	
DD111115	IC checks & certifies Method of Construction of Detailed Superstructure Design of Bldg #1	14d 21-Jul-15	03-Aug-15	0d	01-Apr-16 A	21-Apr-16 A	100%	-26					+			-	IC checks & cert	fies Method of Const	uction of Detailed	Superstructure Des	ign of Bldg #1
DD111120	IC checks & comments on Detailed Superstructure Design of Bldg #1	14d 21-Jul-15	03-Aug-15	0d	27-Nov-15 A	10-Dec-15 A	100%	-12		<u> </u>	1]		-		IC che	cks & comments	on Detailed Supe	rstructure Design of I	3ldg #1		.][]
DD111140	Revise & resubmit Detailed Superstructure Design of Bldg #1 to IC, Employer & ER	7d 04-Aug-15	10-Aug-15	0d	11-Dec-15 A	05-Feb-16 A	100%	-17					-			Revise & resu	bmit Detailed Su	perstructure Design o	f Bldg #1 to IC, E	mployer & ER	
DD111160	IC checks & certifies Detailed Superstructure Design of Bldg #1	7d 11-Aug-15	17-Aug-15	0d	06-Feb-16 A	09-Mar-16 A	100%	-20					-			1 1 1 1	- 1 1 1	ailed Superstructure			
DD111180	Employer consents to Detailed Superstructure Design of Bldg #1	0d	31-Aug-15	0d		30-Mar-16 A	100%	-2					•	·		Emp	oloyer consents to	Detailed Superstruc	ture Design of Blo	lg #1	
Steelwork Design Building #1 Roof		107d 21-Jul-15 79d 21-Jul-15	25-Nov-15 23-Oct-15	41d 41d	01-Mar-16 A 01-Mar-16 A	06-Oct-16 06-Oct-16		-27d -25			<u> </u>										
DD111200	Prepare & submit Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, ER & Employer	39d 21-Jul-15	11-Sep-15	0d	01-Mar-16 A	04-Jun-16 A	100%	-17					+	-			Prepare	submit Detailed De			
DD111210	Prepare & submit Method of Construction for Bldg #1 Roof - Structural Steelwork	25d 10-Aug-15	11-Sep-15	25d	18-Aug-16	22-Sep-16	0%	-73d -25						-	_					f Construction for Blo	1 1 1
DD111215	IC checks & certifies Method of Construction of Bldg #1 Roof - Structural Steelwork	14d 12-Sep-15		14d	23-Sep-16	06-Oct-16	0%	-105d -3					4	=				IC ched	ks & certifies Me	thod of Construction	of Bldg #1 Ro
DD111220	IC checks & comments on Detailed Design of Bldg #1 Roof - Structural Steelwork	14d 12-Sep-15		0d	06-Jun-16 A	20-Jun-16 A	100%	-20						-				cks & comments on			1 1 1
DD111240	Revise & resubmit Detailed Design of Bldg #1 Roof - Structural Steelwork to IC, Employer & ER	7d 26-Sep-15		0d	21-Jun-16 A	28-Jun-16 A	100%	-21			ļļ						<u>-</u> i	se & resubmit Detaile	ļļļļ		-444
DD111260	IC checks & certifies Detailed Design of Bldg #1 Roof - Structural Steelwork	7d 03-Oct-15		0d	29-Jun-16 A	07-Jul-16 A	100%	-27						-			1 1 1	checks & certifies De	1 1 1 1	1 1 1	1 1 1
DD111280	Employer consents to Detailed Design of Bldg #1 Roof - Structural Steelwork	0d 60d 14-Sep-15	23-Oct-15	0d	01-Mor 40.4	27-Jul-16 A	100%	-22d -21						♦				Employer consents	o Detailed Design	of Bldg #1 Roof - St	uctural Steel
DD311300	Prepare & submit Detailed CAPC Stack - Steel Support Design to IC, ER & Employer	21d 14-Sep-15	25-Nov-15 14-Oct-15	36d 0d	01-Mar-16 A 01-Mar-16 A	29-Sep-16 26-May-16 A	100%	-22d -25						-			Prepare &	submit Detailed CAP	Stack - Steel St	ipport Design to IC, I	ER & Employe
DD311310	Prepare & submit Method of Construction for CAPC Stack - Steel Support	21d 14-Sep-15	14-Oct-15	21d	18-Aug-16	15-Sep-16	0%	-19d -22	29d					-				Prepare &	ubmit Method of	Construction for CAF	°C Stack - Ste
DD311315	IC checks & certifies Method of Construction of CAPC Stack - Steel Support	14d 15-Oct-15	28-Oct-15	14d	16-Sep-16	29-Sep-16	0%	-27d -3	37d		1	1						IC oheck	s & certifies Meth	od of Construction o	f CAPC Stack
DD311320	IC checks & comments on Detailed CAPC Stack - Steel Support Design	14d 15-Oct-15	28-Oct-15	0d	27-May-16 A	10-Jun-16 A	100%	-22	26d					_			IC chec	ks & comments on D	etailed CAPC Sta	ck - Steel Support De	əsign
DD311340	Revise & resubmit Detailed CAPC Stack - Steel Support Design to IC, Employer & ER	7d 29-Oct-15	04-Nov-15	0d	11-Jun-16 A	18-Jun-16 A	100%	-22	27d					1			Revis	8 resubmit Detailed	CAPC Stack - St	eel Support Design to	c, Employer
DD311360	IC checks & certifies Detailed CAPC Stack - Steel Support Design	7d 05-Nov-15	11-Nov-15	0d	19-Jun-16 A	24-Jun-16 A	100%	-22	26d					-			■ IC ch	ecks & certifies Deta	ed CAPC Stack	- Steel Support Desig	Jri
DD311380	Employer consents to Detailed CAPC Stack - Steel Support Design	0d	25-Nov-15	0d		08-Jul-16 A	100%	-22	26d						♦		◆ En	ployer consents to D	etailed CAPC Sta	ck - Steel Support D	əsign
	Maturation Building #2	189d 12-Mar-15			12-Mar-15 A	03-Oct-16		-73d -2													
	Substructure Design	57d 12-Mar-15 57d 12-Mar-15	22-May-15	0d 0d	12-Mar-15 A 12-Mar-15 A	15-Oct-15 A 15-Oct-15 A			20d												
DD211000	Prepare & submit Detailed Substructure Design of Bldg #2 to IC, ER & Employer	19d 12-Mar-15	•	0d	12-Mar-15 A	28-Apr-15 A	100%		2d			Prepare 8	submit De	ailed Substru	ucture Design	of Bldg #2 to IC, I	R & Employer				
DD211010	Prepare & submit Method of Construction for Substructure of Bldg #2	19d 12-Mar-15	-	0d	12-Mar-15 A	23-Jun-15 A	100%		50d	<u> </u>			Prepare &	<u></u> i		tion for Substruct					
DD211015	IC checks & certifies Method of Construction of Substructure Design of Bldg #2	14d 11-Apr-15	24-Apr-15	0d	24-Jun-15 A	15-Oct-15 A	100%		'4d		-						1 1 1	st ucture Design of I	ldg #2		
DD211020	IC checks & comments on Detailed Substructure Design of Bldg #2	14d 11-Apr-15	24-Apr-15	0d	29-Apr-15 A	12-May-15 A	100%		8d		-		1 1			ure Design of Bld					
DD211040	Revise & resubmit Detailed Substructure Design of Bldg #2 to IC, Employer & ER	7d 25-Apr-15	01-May-15	0d	13-May-15 A	24-Jun-15 A	100%		i4d				Revise & r	esubmit Deta	iled Substruc	ure Design of Bld	#2 to IC, Emplo	/er & ER			
1.4_up_17Aug	16 Primary Baseline	Activi	ity	Critic	cal 4	→ Act	tual Milesto	one Bas	seline: C	ontract	Progra	mme for	The De	esign and	d Constru	ction Work	s	Page 8	of 40	print: 27-	Aug-16 1
- 1	Jacomio	ne ♦ ♦ Miles	,		•			v1.			- 9.0			J			1	i age o	J: TU		

	mental Protectio	n Department			Contrac	No. EP	P/SP/61/	10					Contract Programme Progress Updated on 17-Aug-	16
of the F	IKSAK			Organic	Waste '	Γreatme	nt Facil	ities Pha	se 1				OSCAR BIOENERG	اV JV
# A	Activity ID	Activity Name		BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % To Complete	otal Float Variand BL Proj	ce - lect Nov Dec Jan Feb Mar A	Apr May J	2015 2016 2016 2017 ay Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May May May Apr May	ep Oct
459	DD211045	IC checks & comments on Detailed Substructur	e Design of Bldg #2	0d		0d	25-Jun-15 A	06-Jul-15 A	100%	Fin	nsh .		IC checks & comments on Detailed Substructure Design of Bldg #2	
460	DD211050	Revise & resubmit Detailed Substructure Design	n of Bldg #2 to IC, Employer & ER	0d		0d	07-Jul-15 A	03-Aug-15 A	100%				Revise & resubmit Detailed Substructure Design of Bldg #2 to IC, Employer & ER	
461	DD211060	IC checks & certifies Detailed Substructure Des	ign of Bldg #2	7d 02-May-15	08-May-15	0d	04-Aug-15 A	18-Sep-15 A	100%	-13	33d	-	IC checks & certifies Detailed Substructure Design of Bldg #2	
462	DD211080	Employer consents to Detailed Substructure De	sign of Bldg #2	0d	22-May-15	0d		02-Oct-15 A	100%	-13	33d	♦	♦ Pemployer consents to Detailed Substructure Design of Bldg #2	
463 464	Superstructure Desi	ign		61d 21-Jul-15 61d 21-Jul-15	30-Sep-15 30-Sep-15	0d	18-Jul-15 A 18-Jul-15 A	23-Nov-15 A 23-Nov-15 A			44d 44d			
465	DD211100	Prepare & submit Detailed Superstructure Designation	n of Bldg #2 to IC, ER & Employer	22d 21-Jul-15	19-Aug-15	0d	18-Jul-15 A	27-Aug-15 A	100%		-6d		Prepare & submit Detailed Superstructure Design of Bldg #2 to C ER & Employer	
466	DD211110	Prepare & submit Method of Construction for Su	perstructure of Bldg #2	22d 21-Jul-15	19-Aug-15	0d	31-Aug-15 A	16-Sep-15 A	100%	-2	20d		Prepare & submit Method of Construction for Superstructure of Bldg #2	
467	DD211115	IC checks & certifies Method of Construction of	Superstructure Design of Bldg #2	14d 20-Aug-15	02-Sep-15	0d	17-Sep-15 A	02-Nov-15 A	100%	-6	61d		IC checks & clertifies Method of Construction of Superstructure Design of Bidg #2	
468	DD211120	IC checks & comments on Detailed Superstruct	ure Design of Bldg #2	14d 20-Aug-15	02-Sep-15	0d	28-Aug-15 A	16-Sep-15 A	100%	-1	14d		C checks & comments on Detailed Superstructure Design of Bidg #2	
469	DD211140	Revise & resubmit Detailed Superstructure Des	ign of Bldg #2 to IC, Employer & ER	7d 03-Sep-15	09-Sep-15	0d	17-Sep-15 A	26-Oct-15 A	100%	-4	47d		Revise & resubmit Detailed Superstructure Design of Bldg #2 to IC, Employer, & ER	
470	DD211160	IC checks & certifies Detailed Superstructure D	esign of Bldg #2	7d 10-Sep-15	16-Sep-15	0d	24-Sep-15 A	03-Nov-15 A	100%	-4	48d		□ IC checks & certifies Detailed Superstructure Design of Bldg #2	
471	DD211180	Employer consents to Detailed Superstructure D	Design of Bldg #2	0d	30-Sep-15	0d		23-Nov-15 A	100%	-5	54d		♦ Emp(oyer consents to Detailed Superstructure Design of Bldg #2	
472	Steelwork Design			59d 20-Aug-15	30-Oct-15		14-Dec-15 A	03-Oct-16		-73d -27				
473 474	Link Bridge Steelwo	Prepare & submit Detailed Link Bridge Steelwork	Design of Bldg #2 to IC, ER & Employer	59d 20-Aug-15 22d 20-Aug-15	30-Oct-15 18-Sep-15		14-Dec-15 A 14-Dec-15 A	03-Oct-16 05-Feb-16 A	100%	-73d -27	74d 95d		Prepare & submit Detailed Link Bidge Steelwork Design of Bldg #2 to IC, ER & Employer	
475	DD211210	Prepare & submit Method of Construction for Blo	dg #2 Link Bridge Steelwork	22d 20-Aug-15	18-Sep-15	22d	18-Aug-16	19-Sep-16	0%	-60d -24	46d		Prepare & submit Method of Construction for Bldg #2 Link Bridge	e Steelwe
476	DD211215	IC checks & certifies Method of Construction of	Link Bridge Steelwork Design of Bldg #2	14d 19-Sep-15	02-Oct-15	14d	20-Sep-16	03-Oct-16	0%	-88d -36	67d		□ IC bhecks & certifiels Method of Construction of Link Bridge St	
477	DD211220	IC checks & comments on Detailed Link Bridge	Steelwork Design of Bldg #2	14d 19-Sep-15	02-Oct-15	0d	06-Feb-16 A	22-Feb-16 A	100%	-14	43d		IC checks & comments on Detailed Link Bridge Steelwork Design of Bldg #2	
478	DD211240	Revise & resubmit Detailed Link Bridge Steelwor	rk Design of Bldg #2 to IC, Employer & ER	7d 03-Oct-15	09-Oct-15	0d	23-Feb-16 A	11-Mar-16 A	100%	-15	54d		Revise, & resubmit Detalled Link Bridge Steelwork Design of Bldg #2 to IC, Employer & ER	
479	DD211260	IC checks & certifies Detailed Link Bridge Steelv	vork Design of Bldg #2	7d 10-Oct-15	16-Oct-15	0d	12-Mar-16 A	22-Mar-16 A	100%	-15	58d		■ IC checks & certifies Detailed Link Bridge Steelwork Design of Bldg #2	
480	DD211280	Employer consents to Detailed Link Bridge Steel	work Design of Bldg #2	0d	30-Oct-15	0d		07-Apr-16 A	100%	-16	60d		♦ Employer consents to Detailed Link Bridge Steelwork Design of Bldg #2	
481	Auxiliary Buildings	s & Facilities #3		211d 10-Feb-15	29-Oct-15	50d	11-Feb-15 A	18-Oct-16		294d -28	87d			
482	Piling Foundation (ar			163d 10-Feb-15	31-Aug-15		11-Feb-15 A	27-Nov-15 A			73d 51d			
483 484	DD311000	Stack (to be deleted/ Included in Building #1) Prepare & submit Detailed Piling Design of AD Ta	ank to IC, ER & Employer	163d 10-Feb-15 34d 10-Feb-15	31-Aug-15 31-Mar-15		11-Feb-15 A 11-Feb-15 A	02-Nov-15 A 31-Mar-15 A	100%	-5		Prepare & s	re & submit Detailed Piling Design of AD Tank to IC, ER & Employer	
485	DD311005	Prepare & submit Detailed Piling Design of CAPO	CS Stack to IC, ER & Employer (to be deleted)	34d 10-Feb-15	31-Mar-15	0d	11-Feb-15 A	31-Mar-15 A	100%		0d	Prepare & s	re & submit Detailed Piling Design of CAPCS Stack to IC, ER & Employer (to be deleted)	
486	DD311015	Prepare & submit Method of Construction for Pil	ing of AD Tank & CAPCS Stack (NA)	34d 10-Feb-15	31-Mar-15	0d	11-Feb-15 A	17-Apr-15 A	100%	-1	10d	Prepare	pare & submit Method of Construction for Pilling of AD Tank & CAPCS Stack (NA)	
487	DD311018	IC checks & certifies Method of Construction of	Piling Design of AD Tank & CAPCS Stack (NA)	14d 01-Apr-15	14-Apr-15	0d	18-Apr-15 A	08-Sep-15 A	100%	-14	47d		IC checks & certifies Method of Construction of Piling Design of AD Tank & CAPCS Stack (NA)	
488	DD311020	IC checks & comments on Detailed Piling Desig	n of AD Tank & CAPCS Stack (NA)	14d 01-Apr-15	14-Apr-15	0d	01-Apr-15 A	14-Apr-15 A	100%		0d	IC check	hecks & comments on Detailed Piling Design of AD Tank & CAPCS Stack (NA)	
489	DD311040	Revise & resubmit Detailed Piling Design of AD	Tank & CAPCS Stack (NA) to IC, Employer & ER	7d 15-Apr-15	21-Apr-15	0d	15-Apr-15 A	20-Apr-15 A	100%		1d	Revise	vise & resubmit Defailed Piling Design of AD Tank & CAPCS Stack (NA) to IC, Employer & ER	
490	DD311060	IC checks & certifies Detailed Piling Design of Al	D Tank & CAPCS Stack (NA)	7d 22-Apr-15	28-Apr-15	0d	21-Apr-15 A	21-Apr-15 A	100%		7d	L IC che	C checks & certified Detailed Pling Design of AD Tank & CAPCS Stack (NA)	
491	DD311080	Employer consents to Detailed Piling Design of A	AD Tank & CAPCS Stack (NA)	0d	12-May-15	0d		21-May-15 A	100%		-9d	♦ Er	Employer consents to Detailed Piling Design of AD Tank & CAPCS Stack (NA)	
492	DD311095	Prepare & submit Detailed Pile Cap Design of AL	Tank & CAPCS Stack (NA) to IC, ER & Employer	33d 03-Jun-15	20-Jul-15	0d	20-May-15 A	26-Jun-15 A	100%	1	15d	-	Prepare & submit Detailed Pile Cap Design of AD Tank & CAPCS Slack (NA) to IC, ER & Employer	
493	DD311118	Prepare & submit Method of Construction for Pil	e Cap of AD Tank & CAPCS Stack (NA)	33d 03-Jun-15	20-Jul-15	0d	24-Jun-15 A	10-Aug-15 A	100%	-1	15d	_	Prepare & submit Method of Construction for Rile Cap of AD Tank & CAPCS Stack (NA)	
494	DD311119	IC checks & certifies Method of Construction for	Pile Cap of AD Tank & CAPCS Stack (NA)	14d 21-Jul-15	03-Aug-15	0d	11-Aug-15 A	02-Nov-15 A	100%	-9	91d		IC checks & certifies Method of Construction for Ple Cap of AD Tank & CAPCS Stack (NA)	
495	DD311120	IC checks & comments on Detailed Pile Cap De	sign of AD Tank & CAPCS Stack (NA)	14d 21-Jul-15	03-Aug-15	0d	27-Jun-15 A	13-Jul-15 A	100%	2	21d		■ IC checks & comments on Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA)	
496	DD311140	Revise & resubmit Detailed Pile Cap Design of A	D Tank & CAPCS Stack (NA) to IC, Employer & ER	7d 04-Aug-15	10-Aug-15	0d	14-Jul-15 A	04-Aug-15 A	100%		6d		Revise & resubmit Detailed Pile Cap Design of AD Tank & CAPCS Stack (NA) to IC, Employer & ER	
497	DD311160	IC checks & certifies Detailed Pile Cap Design of	f AD Tank & CAPCS Stack (NA)	7d 11-Aug-15	17-Aug-15	0d	05-Aug-15 A	06-Aug-15 A	100%	1	11d		I = IC checks & certifies Detailed Pile Cap Design of AD Tank & CAFC\$ Stack (NA)	
498	DD311180	Employer consents to Detailed Pile Cap Design	of AD Tank & CAPCS Stack (NA)	0d	31-Aug-15	0d		27-Jul-15 A	100%	3	35d		Employer consents to Defailed Pile Cap Design of AD Tank & CAPCS Stack (NA)	
499	Ammonia Stripper			117d 10-Feb-15	08-Jul-15		04-May-15 A	27-Nov-15 A	42		19d			
500	DD311010	Prepare & submit Detailed Piling (& Pile Cap) De		70d 10-Feb-15	27-May-15		04-May-15 A	04-Jun-15 A	100%		-6d		Prépare'& submit Detailed Piling (& Pile Cap) Désign of Ammonia Strioper to IC ER & Employer	
501	DD311082	Prepare & submit Method of Construction for Pil		34d 08-Apr-15	27-May-15		24-Jun-15 A	10-Aug-15 A	100%		52d		Pteparé & submit Method of Constituction for Piling of Ammonia Stroper	
502	DD311083	IC checks & certifies Method of Construction of		14d 28-May-15	10-Jun-15		11-Aug-15 A	08-Sep-15 A	100%	9-9	90d	+	IC checks & certifies Method of Construction of Piling Design of Ammonia Stripper Prepare & submit Method of Construction for File Cap of Ammonia Stripper	
503	DD311083a	Prepare & submit Method of Construction for Pil		0d			02-Nov-15 A	26-Nov-15 A	100%				Prepare & submit Method of Construction for Pile Cap Design of Ammonia Stripper IC checks & certifies Method of Construction of Pile Cap Design of Ammonia Stripper	
504	DD311083b	IC checks & certifies Method of Construction of		0d	10 / :-	0d	18-Nov-15 A	27-Nov-15 A	100%		45.1	_		
505	DD311084	IC checks & comments on Detailed Piling (& Pile		14d 28-May-15	10-Jun-15		05-Jun-15 A	25-Jun-15 A	100%		15d		LC checks & comments on Detailed Piling (& Pile Cap) Design of Ammonia Stripper	
506	DD311086	Revise & resubmit Detailed Piling (& Pile Cap) D		7d 11-Jun-15	17-Jun-15		26-Jun-15 A	06-Jul-15 A	100%		19d	•	- Révise & resúbmit Detailed Piling (& Pile Cap) Design of Ammoria Stripper to IC, Employer & ER	
507	DD311088	IC checks & certifies Detailed Piling (& Pile Cap)		7d 18-Jun-15	24-Jun-15	0d	07-Jul-15 A	13-Aug-15 A	100%		50d		= IC checks & certifies Detailed Piling (& Pile Cap) Design of Ammonia Stripper	
508	DD311090	Employer consents to Detailed Piling (& Pile Cap) Design of Ammonia Stripper	0d	08-Jul-15	0d	05.14	10-Sep-15 A	100%		64d		♦ Employer consents to Detailed Piling (& Pile Cap) Design of Amhonia Stripper	
509 510	Substructure Design Weighbridge			39d 03-Jun-15 39d 03-Jun-15	20-Jul-15 20-Jul-15		25-May-15 A 17-Jun-15 A	18-Oct-16 18-Oct-16		-95d -37				
511	DD311117	Prepare & submit Detailed Substructure Design	of Weighbridge to IC, ER & Employer	33d 03-Jun-15	20-Jul-15	0d	17-Jun-15 A	03-Jun-16 A	100%	-21		-	Prepare & submit Detailed Substructure Design of Weighbridge to IC, ER & Employe	- 1
512	DD311400	Prepare & submit Method of Construction for Su	bstructure of Weighbridge	0d		33d	18-Aug-16	04-Oct-16	0%	-80d			Prépare & submit Method of Construction for Substructure of	
513	DD311402	IC checks & certifies Method of Construction for	Substructure of Weighbridge	0d		14d	05-Oct-16	18-Oct-16	0%	-116d			C checks & certifies Method of Construction for Substructi	ure of W
	v1.4_up_17Aug16 S-OSC-00-0-TM-0	061-A, Date: 27-Aug-2016	Primary Baseline ♦ Baseline Milestone	Activity Milesto		Critica	al 🔷	• • A	ctual Milesto	one Bas		ramme f	ne for The Design and Construction Works Page 9 of 40 print: 27-Aug-16 11 © Oracle Corpora	
			•										1	—

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 514 IC checks & comments on Detailed Substructure Design of Weighbridg Revise & resubmit Detailed Substructure Design of Weighbridge to IC, Employer & ER 515 DD311440 Revise & resubmit Detailed Substructure Design of Weighbridge to IC, Employer & ER 100% 21-Jun-16 A 06-Jul-16 A IC shecks & certifies Detailed Substructure Design of Weighbridge 516 DD311460 100% IC checks & certifies Detailed Substructure Design of Weighbridge 07-Jul-16 A 20-Jul-16 A consents to Detailed Substructure Design of Weighbridge 517 DD311480 Employer consents to Detailed Substructure Design of Weighbridge 08-Aug-16 A 100% 518 519 DD311105 Prepare & submit Detailed Substructure Design of Biogas Storage Tank to IC, ER & Employe 33d 03-Jun-15 15-Aug-15 A 21-Dec-15 A 100% esign of Biogas Storage Tank to IC, ER & Employer 520 -1070 Prepare & submit Detailed Substructure Design of Biogas Plant to IC, ER & Employer 33d 03-Jun-15 15-Aug-15 A 21-Dec-15 A Prepare & submit Detailed Substructure Design of Biogas Plant to IC, ER & Employer 521 DD311115 Prepare & submit Detailed Substructure Design of Desulphurization Tank to IC, ER & Employer (As 33d 03-Jun-15 20-Jul-15 25-May-15 A 26-Jun-15 A 100% iled Substructure Design of Desulphurzation Tank to IC, ER & Employer (As AD pile cap) Prepare & submit Method of Construction for Substructure of Biogas Tanks & Plant Room 522 Prepare & submit Method of Construction for Substructure of Biogas Tanks & Plant Room 22-Dec-15 A 23-Feb-16 A IC checks & certifies Me hod of Construction for Substructure of Biogas Tanks & Plant Room 523 DD311510 IC checks & certifies Method of Construction for Substructure of Biogas Tanks & Plant Room 0d 24-Feb-16 A 23-Mar-16 A 100% IC checks & comments on Detailed Su 524 tructure Design of Biogas Tanks & Plant Room DD311520 IC checks & comments on Detailed Substructure Design of Biogas Tanks & Plant Room 08-Jan-16 A 22-Dec-15 A Revise & resubmit Detailed Substructure Design of Biogas Tanks & Plant Room to IC, Employer & ER 525 DD311540 Revise & resubmit Detailed Substructure Design of Biogas Tanks & Plant Room to IC, Employer & 09-Jan-16 A 18-Jan-16 A 100% IC checks & certifies Detailed Sut structure Design of Biogas Tarks & Plant Room 526 DD311560 IC checks & certifies Detailed Substructure Design of Biogas Tanks & Plant Room 100% 03-Feb-16 A 19-Jan-16 A ♦ Employer consents to Detailed Substructure Design of Biogas Tanks & Plant Room 527 DD311580 Employer consents to Detailed Substructure Design of Biogas Tanks & Plant Room 26-Feb-16 A 100% 528 **Energy Centr** 529 Prepare & submit Detailed Substructure Design of Energy Centre to IC, ER & Employe 20-Jul-15 A 100% repare & submit Detailed \$ubstructure Design of Energy Centre to IC, ER & Employe 530 Prepare & submit Method of Construction for Substructure of Energy Centre DD311600 Prepare & submit Method of Construction for Substructure of Energy Centre 05-Feb-16 A 01-Apr-16 A 100% IC checks & certifies Method of Construction for Substructure of Energy Centre 531 DD311610 100% IC checks & certifies Method of Construction for Substructure of Energy Centre 05-Apr-16 A IC checks & comments on Detailed Substructure Design of Energy Centre 532 DD311620 04-Feb-16 A 100% IC checks & comments on Detailed Substructure Design of Energy Centre 21-Jan-16 A Revise & resubmit Detailed Supstructure Design of Energy Centre to IC, Employer & ER 533 DD311640 Revise & resubmit Detailed Substructure Design of Energy Centre to IC, Employer & ER 19-Feb-16 A 100% 05-Feb-16 A IC checks & certifies Detailed Substructure Design of Energy Centre 534 0d DD311660 IC checks & certifies Detailed Substructure Design of Energy Centre 20-Feb-16 A 02-Mar-16 A 100% Detailed Substructure Design of Energy Centre 535 Employer consents to Detailed Substructure Design of Energy Centre Employer consents to DD311680 29-Mar-16 A 20-May-15 A 536 58d 20-Aug-15 29-Oct-15 29-Sep-16 -273d 308d Superstructure Design 537 AD Tank & Bund Wa 538 Prepare & submit Detailed Supertructure Design of AD Tanks & Bund Wall to IC, ER & Employe 20-May-15 A 26-Jun-15 A DD311215 21d 20-Aug-15 Prepare & submit Detailed Supertructure Design of AD Tanks & Bund Wall to IC, ER & Employel 539 DD311218 Prepare & submit Method of Construction for Superstructure of AD Tanks & Bund Wal 21d 20-Aug-15 24-Jun-15 A 10-Aug-15 A 100% Prepare & submit Method of Construction for Superstructure of AD Tanks & Bund Wall IC checks & certifies Method of Construction of Superstructure Design of AD Tanks & Bund Wall 540 DD311219 IC checks & certifies Method of Construction of Superstructure Design of AD Tanks & Bund Wall 14d 18-Sep-15 01-Oct-15 11-Aug-15 A 23-Sep-15 A 100% 541 DD311220 13-Jul-15 A 100% IC checks & comments on Detailed Superstructure Design of AD Tanks & Bund Wall 14d 18-Sep-15 01-Oct-15 27-Jun-15 A ■ IC checks & comments on Detailed Superstructure Design of AD Tank's & Bund Wall 542 DD311240 Revise & resubmit Detailed Superstructure Design of AD Tanks & Bund Wall to IC, Employer & ER 7d 02-Oct-15 08-Oct-15 14-Jul-15 A 04-Aug-15 A 100% Revise & resubmit Detailed Superstructure Design of AD Tanks & Bund Wall to IC, Employer & ER 543 DD311260 IC checks & certifies Detailed Superstructure Design of AD Tanks & Bund Wall 7d 09-Oct-15 15-Oct-15 06-Aug-15 A 100% 05-Aug-15 A IC checks & certifies Detailed Superstructure Design of AD Tanks & Bund Wall 544 DD311280 Employer consents to Detailed Superstructure Design of AD Tanks & Bund Wall 29-Oct-15 01-Sep-15 A 100% Employer consents to Detailed Superstructure Design of AD Tanks & Bund Wal 545 25d 20-Aug-15 17-Sep-15 36d 17-Jun-15 A 29-Sep-16 Prepare & submit Detailed Supertructure Design of Weighbridge to IC, ER & Employer 03-Jun-16 A Prepare & submit Detailed Supertructure Design of Weighbridge to IC, ER & Employer 547 Prepare & submit Method of Construction for Superstructure of Weighb DD311700 15-Sep-16 -92d Prepare & submit Method of Construction for Superstructure of Weighbridge 21d 18-Aug-16 0% IC checks & certifies Method of Construction of Superstructure Design 548 DD311710 IC checks & certifies Method of Construction of Superstructure Design of Weighbridge 29-Sep-16 0% -130d & comments on Detailed Superstructure Design of Weighbridge 549 DD311720 IC checks & comments on Detailed Superstructure Design of Weighbridge 0d 04-Jun-16 A 20-Jun-16 A 100% & resubmit Detailed Superstructure Design of Weighbridge to IC, Employer & 550 DD311740 Revise & resubmit Detailed Superstructure Design of Weighbridge to IC, Employer & ER checks & certifies Detailed Superstructure Design of Weighbridge 551 DD311760 100% IC checks & certifies Detailed Superstructure Design of Weighbridge 07-Jul-16 A 20-Jul-16 A imployer consents to Detailed Superstructure Design of Weighbridge 552 DD311780 Employer consents to Detailed Superstructure Design of Weighbridge 08-Aug-16 A 553 Energy Centr 25d 20-Aug-15 17-Sep-15 15-Aug-15 A 06-Sep-16 Prepare & submit Detailed Supertructure Design of Energy Centre to IC, ER & Employer DD311200 21d 20-Aug-15 15-Aug-15 A 02-Feb-16 A 100% re Design of Energy Centre to IC, ER & Employer 555 Prepare & submit Method of Construction for Superstructure of Energy Cen-DD311800 Prepare & submit Method of Construction for Superstructure of Energy Centre 15-Feb-16 A 23-Aug-16 92% 275d IC checks & certifies Method of Construction of Superstructure Design of 556 24-Aug-16 06-Sep-16 0% 403d IC checks & certifies Method of Construction of Superstructure Design of Energy Centre ed Superstructure Design of Energy Centre IC checks & comments on Deta 557 DD311820 IC checks & comments on Detailed Superstructure Design of Energy Centre Οd 03-Feb-16 A 12-Feb-16 A 100% 0d Revise & resubmit Detailed Superstructure Design of Energy Centre to IC, Employer & ER 558 DD311840 Revise & resubmit Detailed Superstructure Design of Energy Centre to IC, Employer & ER 13-Feb-16 A 02-Mar-16 A 100% ■ IC checks & certifies Detailed Superstructure Design of Energy Centre 559 DD311860 IC checks & certifies Detailed Superstructure Design of Energy Centre 03-Mar-16 A 10-Mar-16 A 100% ♦ Employer consents to Detailed Superstructure Design of Energy Centre 560 DD311880 Employer consents to Detailed Superstructure Design of Energy Centre 30-Mar-16 A 100% 561 25d 20-Aug-15 17-Sep-15 01-Mar-16 A 29-Sep-16 DD311210 Prepare & submit Detailed Supertructure Design of Gate House to IC, ER & Employer 21d 20-Aug-15 01-Mar-16 A 03-Jun-16 A 100% bmit Detailed Supertructure Design of Gate House to IC, ER & Employe Prepare & submit Method of Construction for Superstructure of Gate Ho 563 DD311900 -71d ■ IC checks & certifies Method of Construction of Superstructure Desig 564 -101d DD311910 IC checks & certifies Method of Construction of Superstructure Design of Gate House 29-Sep-16 0% 16-Sep-16 & comments on Detailed Superstructure Design of Gate House 20-Jun-16 A 565 DD311920 IC checks & comments on Detailed Superstructure Design of Gate House 100% 04-Jun-16 A Revise & resubmit Detailed Superstructure Design of Gate House to (C, Employer & E 566 DD311940 Revise & resubmit Detailed Superstructure Design of Gate House to IC, Employer & ER 0d 100% 21-Jun-16 A 06-Jul-16 A checks & certifies Detailed Superstructure Design of Gate House 567 100% DD311960 IC checks & certifies Detailed Superstructure Design of Gate House 20-Jul-16 A Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Page 10 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work



Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 ov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct IC checks & certifies Method of Construction of External Works (Sub & Superstructure - Boundary 624 IC checks & cettifies Method of Construction of External Works (Sub & Superstructure - Bound 625 DD411380 IC checks & comments on Detailed Design of External Works (Sub & Superstructure - Boundary 14d 14-Oct-15 27-Oct-15 22-Dec-15 A 08-Jan-16 A 100% -73d IC checks & comments on Detailed Design of External Works (Sub & Superstructure - Boundary Wall) Revise & resubmit Detailed Design of External Works (Sub & Superstructure - Boundary Wall) to IC, Employer & ER 7d 28-Oct-15 626 DD411400 03-Nov-15 100% Revise & resubmit Detailed Design of External Works (\$ub & Superstructure - Boundary Wall) to IC, Employer & ER 627 IC checks & certifies Detailed Civil Design of External Works (Sub & Superstructure - Boundary IC checks & certifies Detailed Civi Design of External Works (Sub & Superstructure - Boundary Wall) DD411420 7d 04-Nov-15 10-Nov-15 19-Jan-16 A 03-Feb-16 A 100% -85d Employer consents to Detailed Civil Design of External Works (Sub & Superstructure - Boundary Wall) 628 Employer consents to Detaile | Civil Design of External Works (Sub & Superstructure - Boundary Wall) 629 22-Oct-15 ling Works & Finishes (ABWF) 94d 02-Jul-15 630 Building #1 (Waste Receiving, Pre-treatment & Admin. Building 86d 02-Jul-15 12-Oct-15 41d 18-Nov-15 A 06-Oct-16 -94d 631 86d 02-Jul-15 12-Oct-15 41d 18-Nov-15 A 06-Oct-16 -94d -292 Prepare & submit Detailed Design of Bldg.#1 ABWF to IC, ER & Employer 31-Aug-15 43d 02-Jul-15 04-Mar-16 A Prepare & submit Detailed Design of Bldg.#1 ABWF to IC. ER & Employe 633 Prepare & submit Method of Construction for Bldg.#1 ABWF DD120110 Prepare & submit Method of Construction for Bldg.#1 ABWF 25d 28-Jul-15 31-Aug-15 18-Aug-16 22-Sep-16 0% -78d -263 634 DD120115 IC checks & certifies Method of Construction of Bldg.#1 ABWF 14-Sep-15 06-Oct-16 0% -113d IC checks & certifies Method of Construction of Bldg #1 ABWF 14d 01-Sep-15 23-Sep-16 635 DD120120 IC checks & comments on Detailed Design of Bldg.#1 ABWF 14d 01-Sep-15 14-Sep-15 05-Mar-16 A 29-Mar-16 A 100% -1970 iled Design of Bldg.#1 ABWF Revise & resu<mark>omit Detailed Design of Bldg.#1 ABWF to IC, Employer & ER</mark> 636 Revise & resubmit Detailed Design of Bldg.#1 ABWF to IC, Employer & ER 7d 15-Sep-15 20-May-16 A -242 637 DD120160 IC checks & certifies Detailed Design of Bldg.#1 ABWF 7d 22-Sep-15 28-Sep-15 20-May-16 A 20-May-16 A 100% -235d ertifies Detailed Design of Bldg #1 ABWF 638 Employer consents to Detailed Design of Bldg.#1 ABWF 12-Oct-15 -2400 r consents to Detailed Design of Bldg.#1 ABWF 08-Jun-16 A 86d 02-Jul-15 12-Oct-15 16-Sep-16 639 Building #2 (Composting & Maturation Building) 25d 18-Sep-15 A 318d -276 640 86d 02-Jul-15 12-Oct-15 16-Sep-16 641 Prepare & submit Detailed Design of Bldg.#2 ABWF to IC, ER & Employe 43d 02-Jul-15 Prepare & submit Detailed Design of Bldg #2 ABW to IC, ER & Employe 642 DD121110 Prepare & submit Method of Construction for Bldg.#2 ABW F 25d 28-Jul-15 31-Aug-15 12d 18-Feb-16 A 02-Sep-16 85% 275d -250 Prepare & submit Method of Construction for Bldg.#2 ABW 643 DD121115 IC checks & certifies Method of Construction of Bldg.#2 ABWF 16-Sep-16 -21d IC checks & certifies Method of Construction of Bldg.#2 ABW 644 DD121120 IC checks & comments on Detailed Design of Bldg.#2 ABWF 14d 01-Sep-15 14-Sep-15 06-Nov-15 A 29-Mar-16 A 100% -1970 Detailed Design of Bldg.#2 ABWF 645 -2420 DD121140 Revise & resubmit Detailed Design of Bldg.#2 ABWF to IC, Employer & ER 20-May-16 A 100% Revise & resubmit Detailed Design of Bldg.#2 ABWF to IC, Employer & ER 646 DD121160 IC checks & certifies Detailed Design of Bldg.#2 ABWF 7d 22-Sep-15 28-Sep-15 20-May-16 A 20-May-16 A 100% -235d IC checks & certifies Detailed Design of Bldg.#2 ABWF 647 -240 Employer consents to Detailed Design of Bldg.#2 ABWF Employer consents to Detailed Design of Bldg.#2 ABWF 648 84d 14-Jul-15 22-Oct-15 41d 01-Dec-15 A Building #3 (Auxiliary Buildings & Facilities) 06-Oct-16 -143d -284 649 22-Oct-15 41d 01-Dec-15 A 06-Oct-16 -284 Prepare & submit Detailed Design of Bldg.#3 ABWF to IC, ER & Employer 43d 14-Jul-15 Prepare & submit Detailed Design of Bldg.#3 ABWF to IC, ER & Employe 651 DD122110 Prepare & submit Method of Construction for Bldg.#3 ABWF Prepare & submit Method of Construction for Bldg.#3 ABW F 25d 07-Aug-15 10-Sep-15 25d 18-Aug-16 22-Sep-16 0% -119d -2550 652 DD122115 -174d -378 IC checks & certifies Method of Construction of Bldg:#3 ABWF 24-Sep-15 06-Oct-16 653 DD122120 IC checks & comments on Detailed Design of Bldg.#3 ABWF 14d 11-Sep-15 24-Sep-15 05-Mar-16 A 29-Mar-16 A 100% -1870 Detailed Design of Bldg.#3 ABWF 654 -232 DD122140 Revise & resubmit Detailed Design of Bldg.#3 ABWF to IC, Employer & ER Revise & resubmit Detailed Design of Bldg.#3 ABWF to IC, Employer & ER 655 DD122160 100% -225d IC checks & certifies Detailed Design of Bldg.#3 ABWF IC checks & certifies Detailed Design of Bldg.#3 ABWF 7d 02-Oct-15 08-Oct-15 20-May-16 A 20-May-16 A 656 DD122180 Employer consents to Detailed Design of Bldg.#3 ABWF 22-Oct-15 100% -230 Employer consents to Detailed Design of Bldg.#3 ABWF 657 nterior Fitting-out Works 75d 04-Sep-15 03-Dec-15 658 03-Dec-15 01-Dec-15 A 06-Oct-16 23d 659 75d 04-Sep-15 03-Dec-15 41d 01-Dec-15 A 06-Oct-16 23d -248d DD120200 Prepare & submit Detailed Interior Fitting-out Design to IC, ER & Employer 22-Oct-15 rior Fitting-out Design to IC, ER & Employer 32d 04-Sep-15 01-Dec-15 A 04-Mar-16 A 661 DD120210 25d 15-Sep-15 22-Oct-15 18-Aug-16 22-Sep-16 0% 19d -228 Prepare & submit Method of Construction for Interior Fitting-out Prepare & submit Method of Construction for Interior Fitting-out 662 14d 23-Oct-15 06-Oct-16 0% 28d IC checks & certifies Method of Construction of Interior Fitting-dut IC checks & certifies Method of Construction of Interior Fitting-out 23-Sep-16 663 DD120220 IC checks & comments on Detailed Interior Fitting-out Design 14d 23-Oct-15 05-Nov-15 05-Mar-16 A 29-Mar-16 A 100% -1450 etailed Interior Fitting-out Design 664 DD120240 Revise & resubmit Detailed Fitting-out Design to IC, Employer & ER 7d 06-Nov-15 12-Nov-15 Revise & resummit Detailed Fitting-out Design to IC, Employer & ER 20-May-16 A 665 -183d DD120260 IC checks & certifies Detailed Interior Fitting-out Design 7d 13-Nov-15 19-Nov-15 0d 20-May-16 A 20-May-16 A 100% IC checks & certifies Detailed Interior Fitting-out Design 666 DD120280 Employer consents to Detailed Interior Fitting-out Design 03-Dec-15 08-Jun-16 A 100% Employer consents to Detailed Interior Fitting-out Design 667 cape Works and Building #2 Green Roof 133d 22-Jun-15 27-Nov-15 668 27-Nov-15 -52d 669 133d 22-Jun-15 27-Nov-15 03-Aug-15 A 11-Nov-16 -52d -283d 71d 670 DD410200 Prepare & submit Detailed Design of Landscape and Building #2 Green Roof to EPD, LandsD 32d 22-Jun-15 05-Aug-15 03-Aug-15 A 15-Aug-16 A 100% renare & submit Detailed Design of Landscape and Building #2 Green Roof t 671 DD410210 50d 06-Aug-15 16-Oct-15 28-Oct-16 0% -44d Prepare & submit Method of Construction for Landscape and Building #2 Green Roo 18-Aug-16 Prepare & submit Method of Construction for Landscape and Buil 672 -64d DD410215 14d 17-Oct-15 30-Oct-15 11-Nov-16 IC checks & certifies Method of Construction of Landscape ar IC checks & certifies Method of Construction of Landscape and Building #2 Green Roof 29-Oct-16 0% -378 673 DD410220 Submit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER 0d 16-Oct-15 10-Sep-15 A 100% Submit Detailed Design of Landscape and een Roof to IC, Employer & ER 674 DD410240 IC checks & comments on Detailed Design of Landscape and Building #2 Green Roof 14d 17-Oct-15 30-Oct-15 11-Sep-15 A 100% L C checks & comments on Detailed Design of Landscape and Building #2 Green Roof 22-Oct-15 A 675 DD410260 Revise & resubmit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER Revise & resubmit Detailed Design of Landscape and Building #2 Green Roof to IC, Employer & ER 676 DD410280 IC checks & certifies Detailed Design of Landscape and Building #2 Green Roof 7d 07-Nov-15 100% 13-Nov-15 10-Nov-15 A 12-Nov-15 A LiC checks & certifies Detailed Design of Landscape and Building #2 Green Roof 677 Employer consents to Detailed Design of Landscape and Building #2 Green Roof 27-Nov-15 05-Apr-16 A 100% -130c Employer consents to Detailed Design of Landscape and Building #2 Green Roof 678 DETAILED DESIGN SUBMISSION (DDS) - ELECTRICAL AND MECHANICAL 679 5d 23-Mar-15 27-Mar-15 0d 23-Mar-15 A 27-Mar-15 A HAZOP 680 5d 23-Mar-15 27-Mar-15 0d 23-Mar-15 A 27-Mar-15 A Primary Baseline Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Critical Page 12 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 681 5d 23-Mar-15 27-Mar-15 HAZOP Analysis 682 HAZOP Analysis 5d 23-Mar-15 27-Mar-15 23-Mar-15 A 27-Mar-15 A 683 153d 29-Dec-14 08-Jul-15 Waste Receiving, Storage and Feeding System 684 153d 29-Dec-14 08-Jul-15 28-Dec-14 A 07-Dec-15 A -127d 685 686 DF110200 Prepare & make Waste Receiving Equipment & Performance Submission to IC, ER & Employe 19d 29-Dec-14 23-Jan-15 28-Dec-14 A 24-Jan-15 A pare & make Waste Receiving Equipment & Performance Submission to IC, ER & Employe 687 14d 24-Jan-15 06-Feb-15 DE110250 0d 25-Jan-15 A 16-Feb-15 A 100% C checks & comments on Waste Receiving, Storage & Feeding Equipment IC checks & comments on Waste Receiving, Storage & Feeding Equipment 688 DE110300 Revise & resubmit Waste Receiving, Storage & Feeding Equipment to IC, Employer & ER 7d 07-Feb-15 13-Feb-15 17-Feb-15 A 18-Feb-15 A 100% -I Revise & resubmit Waste Receiving, Storage & Feeding Equipment to IC, Employer & ER 689 DE110350 IC checks & certifies Waste Receiving, Storage and Feeding Equipment 20-Feb-15 19-Feb-15 A 26-Feb-15 A 100% ■ IC ohecks & certifies Waste Receiving, Storage and Feeding Equipment 690 DE110400 Employer consents to Waste Receiving, Storage and Feeding Equipment 06-Mar-15 19-Jun-15 A 100% -105d Employer consents to Waste Receiving, Storage and Feeding Equipment Prepare & submit Detailed Design of Waste Receiving, Storage & Feeding System to IC, ER & Employer 691 DE110450 Prepare & submit Detailed Design of Waste Receiving, Storage & Feeding System to IC, ER & 33d 09-Apr-15 27-May-15 02-Jun-15 A 07-Oct-15 A 100% -92d 692 DE110500 IC checks & comments on Detailed Design of Waste Receiving, Storage & Feeding System 14d 28-May-15 10-Jun-15 06-Nov-15 A 100% -1490 IC checks & comments on Detailed Design of Waste Receiving, Storage & Feeding System 17-Jun-15 693 DE110550 Revise & resubmit Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer 7d 11-Jun-15 07-Aug-15 A 18-Nov-15 A 100% -1540 Revisie & resubmit Detailed Design of Waste Receiving, Storage & Feeding System to IC, Employer & ER 694 DE110600 IC checks & certifies Waste Receiving, Storage and Feeding System 7d 18-Jun-15 24-Jun-15 10-Sep-15 A 24-Nov-15 A 100% -153d IC checks & certifies Waste Receiving, Storage and Feeding System 695 -152d DE110650 Employer consents to Waste Receiving, Storage and Feeding System 08-Jul-15 07-Dec-15 A 100% Finalover consents to Waste Receiving, Storage and Feeding System 155d 08-Jan-15 696 20-Jul-15 18-Jan-16 A 697 20-Jul-15 18-Jan-15 A 18-Jan-16 A 20-Jul-15 699 DE120200 Prepare & make Pre-treatment Equipment & Performance Submission to IC, ER & Employer 20d 08-Jan-15 04-Feb-15 18-Jan-15 A 03-Feb-15 A Prepare & make Pre-treatment Equipment & Performance Submission to IC, ER & Employe 700 DE120250 27-Feb-15 A 18-Feb-15 IC checks & comments on Pre-Treatment Equipment 701 DE120300 Revise & resubmit Pre-Treatment Equipment IC, Employer & ER 7d 19-Feb-15 25-Feb-15 28-Feb-15 A 04-Mar-15 A 100% Revise & resubmit Pre-Treatment Equipment IC, Employer & ER 702 DE120350 IC checks & certifies Pre-treatment Equipment IC checks & certifies Pre-treatment Equipment 703 Employer consents to Pre-treatment Equipment DE120400 Employer consents to Pre-treatment Equipment 18-Mar-15 25-Jun-15 A 100% -99d 704 DE120450 Prepare & submit Detailed Design of Pre-treatment System to IC, ER & Employer 33d 21-Apr-15 08-Jun-15 02-Jun-15 A 11-Aug-15 A Prepare & submit Detailed Design of Pre-treatment System to IC, ER & Employe 705 IC checks & comments on Detailed Design of Pre-Treatmen DE120500 IC checks & comments on Detailed Design of Pre-Treatment System 14d 09-Jun-15 22-Jun-15 12-Aug-15 A 20-Aug-15 A 100% 706 7d 23-Jun-15 Revise & resubmit Detailed Design of Pre-Treatment System to IC, Employer & ER 29-Jun-15 21-Aug-15 A 15-Sep-15 A Revise & resubmit Detailed Design of Pre-Treatment Syst n to IC, Employer & ER IC checks & certifies Detailed Design of Pre-treatment 707 DE120600 IC checks & certifies Detailed Design of Pre-treatment System 7d 30-Jun-15 06-Jul-15 05-Sep-15 A 25-Sep-15 A 100% -81d 708 Employer consents to Detailed Design of Pre-treatment System -1820 Employer consents to Detailed Design 709 naerobic Di stion (AD) Treatment System 205d 09-Feb-15 20-Oct-15 21-Dec-15 A 710 205d 09-Feb-15 20-Oct-15 07-Feb-15 A 21-Dec-15 A 711 205d 09-Feb-15 20-Oct-15 0d 07-Feb-15 A 21-Dec-15 A -52d 712 Prepare & make AD Equipment & Performance Submission to IC, ER & Employer DE130200 Prepare & make AD Equipment & Performance Submission to IC, ER & Employe 18d 09-Feb-15 06-Mar-15 07-Feb-15 A 05-Mar-15 A 713 DE130250 IC checks & comments on AD Equipmen 14d 07-Mar-15 20-Mar-15 06-Mar-15 A 09-Mar-15 A 100% L IC checks & comments on AD Equipment 714 DE130300 Revise & resubmit AD Equipment to IC, Employer & ER 27-Mar-15 100% Revise & resultmit AD Equipment to IC, Employer & ER 7d 21-Mar-15 13-Mar-15 A 10-Mar-15 A 715 DE130350 IC checks & certifies AD Equipment 7d 28-Mar-15 03-Apr-15 06-Mar-15 A 09-Mar-15 A 100% ■ IC checks & certifies AD Equipment 716 DE130400 17-Apr-15 Employer consents to AD Equipment 12-Oct-15 A 100% Employer consents to AD Equipment 717 DE130450 Prepare & submit Detailed Design of AD Treatment System to IC, ER & Employer 39d 16-Jul-15 08-Sep-15 18-May-15 A 24-Jul-15 A 100% 32d Prepare & submit Detailed Design of AD Treatment System 718 DE130500 IC checks & comments on Detailed Design of AD treatment System 14d 09-Sep-15 22-Sep-15 25-Jul-15 A 06-Aug-15 A 100% - IC checks & comments on Detailed Design of AD treatm 710 DE130550 Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER 7d 23-Sep-15 29-Sep-15 07-Aug-15 A 24-Aug-15 A 100% Revise & resubmit Detailed Design of AD Treatment System to IC, Employer & ER DE130600 720 IC checks & certifies AD Treatment System 7d 30-Sep-15 06-Oct-15 04-Sep-15 A 100% 14-Aug-15 A ■ IC checks & certifies AD Treatment System 721 DE130650 Employer consents to Detailed Design of AD Treatment System 20-Oct-15 21-Dec-15 A 100% -620 Employer consents to Detailed Design of 722 Biogas Cleaning, Storage and Distribution System 723 152d 28-Jan-15 05-Aug-15 28-Jan-15 A 01-Mar-16 A -170d 724 152d 28-Jan-15 05-Aug-15 0d 28-Jan-15 A 01-Mar-16 A Prepare & make Biogas Equipment & Performance Submission to IC, ER & Employer 28-Jan-15 A 18d 28-Jan-15 Prepare & make Biogas Equipment & Performance Submission to IC, ER & Employer 726 DE140250 100% IC checks & comments on Biogas Cleaning & Storage Equipment IC checks & comments on Biogas Cleaning & Storage Equipment 14d 25-Feb-15 10-Mar-15 0d 24-Feb-15 A 06-Mar-15 A 727 Revise & resubmit Biogas Cleaning & Storage Equipment to IC, Employer & ER 13-Mar-15 A Revise & resubmit Biogas Cleaning & Storage Equipment to IC. Employer & ER 728 DE140350 IC checks & certifies Biogas Cleaning & Storage Equipment 7d 18-Mar-15 24-Mar-15 14-Mar-15 A 16-Mar-15 A 100% L IC checks & certifies Biogas Cleaning & Storage Equipment 729 Employer consents to Biogas Cleaning & Storage Equipment 07-Apr-15 01-Mar-16 A -329d Employer consents to Biogas Cleaning & Storage Equipment 730 DE140450 -83d Prepare & submit Detailed Design of Biogas System to IC, ER & Employer 37d 04-May-15 24-Jun-15 0d 02-Jun-15 A 23-Oct-15 A 100% Prepare & submit Detailed Design of Biogas System to IC, ER & Employe 731 IC checks & comments on Detailed Design of Biopas System IC checks & comments on Detailed Design of Biogas Syster 14d 25-Jun-15 09-Nov-15 A -124 732 Revise & resubmit Detalled Design of Bidgas System to IC, Employer & ER DE140550 Revise & resubmit Detailed Design of Biogas System to IC, Employer & ER 7d 09-Jul-15 15-Jul-15 06-Oct-15 A 10-Dec-15 A 100% -148d 733 -146 DE140600 IC checks & certifies Biogas Cleaning & Storage System 22-Jul-15 15-Dec-15 A IC checks & certifies Biogas Cleaning & Storage System 734 -155d DE140650 Employer consents to Biogas Cleaning & Storage System 05-Aug-15 07-Jan-16 A 100% Employer consents to Biogas Cleaning 735 Combined Heat Recovery and Power (CHP) Generation System 135d 15-Jan-15 03-Jul-15 15-Jan-15 A 07-Dec-15 A 736 -131d Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works Page 13 of 40 print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Variance - 2015

BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 738 Prepare & make CHP Equipment & Performance Submission to IC, ER & Employe DE150200 Prepare & make CHP Equipment & Performance Submission to IC, ER & Employe LC checks & comments on CHP Equipment 739 DE150250 IC checks & comments on CHP Equipment 14d 31-Jan-15 13-Feb-15 27-Jan-15 A 06-Feb-15 A 100% 740 DE150300 Revise & resubmit CHP Equipment to IC, Employer & ER 7d 14-Feb-15 20-Feb-15 17-Feb-15 A 25-Feb-15 A 100% Revise & resubmit CHP Equipment to IC, Employer & ER 741 IC checks & certifies CHP Equipment DE150350 IC checks & certifies CHP Equipment 7d 21-Feb-15 27-Feb-15 0d 26-Feb-15 A 09-Mar-15 A 100% 742 DE150400 05-Jun-15 A Employer consents to CHP Equipmen 743 DE150450 Prepare & submit Detailed Design of CHP Generation System to IC, ER & Employer 35d 31-Mar-15 22-May-15 100% -29d 0d 25-May-15 A 06-Jul-15 A Prepare & submit Detailed Design of CHP Generation System to IC, ER & Employe 744 DE150500 IC checks & comments on Detailed Design of CHP Generation System C checks & comments on Detailed Design of CHP Generation System 20-Jul-15 A Revise & resubmit Detailed Design of CHP Generate 745 DE150550 Revise & resubmit Detailed Design of CHP Generation System to IC. Employer & ER 7d 06-Jun-15 12-Jun-15 21-Jul-15 A 27-Oct-15 A 100% -137d System to IC. Employer & ER 746 DE150600 IC checks & certifies CHP Generation System 7d 13-Jun-15 19-Jun-15 25-Sep-15 A 12-Nov-15 A 100% -1460 IC checks & certifies CHP Generation System 747 Employer consents to CHP Generation System -157d DE150650 0d 03-Jul-15 07-Dec-15 A 100% Employer consents to CHP Generation Sy 748 160d 27-Feb-15 10-Sep-15 17-Dec-15 A Continuous E ssion Monitoring System (CEMS) 160d 27-Feb-15 27-Feb-15 A 749 750 160d 27-Feb-15 10-Sep-15 17-Dec-15 A 751 DF180200 Prepare & make CEMS Equipment & Performance Submission to IC, ER & Employer 20d 27-Feb-15 26-Mar-15 27-Feb-15 A 25-Mar-15 A Prepare & make CEMS Equipment & Performance Submission to IC, ER & Employe 752 15-Apr-15 A IC checks & comments on CEMS Equipment IC checks & comments on CEMS Equipmer 14d 27-Mar-15 26-Mar-15 A 753 DE180300 Revise & resubmit CEMS Equipment to IC, Employer & ER 7d 10-Apr-15 16-Apr-15 09-Apr-15 A 15-Apr-15 A 100% Revise & resubmit CEMS Equipment to IC, Employer & ER 754 DE180350 IC checks & certifies CEMS Equipment 7d 17-Apr-15 23-Apr-15 16-Apr-15 A 20-Apr-15 A L IC checks & certifies CEM\$ Equipment 755 Employer consents to CEMS Equipment DE180400 Employer consents to CEMS Equipment 07-May-15 10-Jun-15 A 100% 756 Prepare & submit Detailed Design of CEMS to IC, ER & Employer Prepare & submit Detailed Design of CEMS to IC, ER & Emplo DE180450 36d 10-Jun-15 30-Jul-15 10-Apr-15 A 25-Aug-15 A 100% 757 IC Checks & comments on Detailed Design of CEMS DF180500 IC Checks & comments on Detailed Design of CEMS 14d 31-Jul-15 13-Aug-15 26-Aug-15 A 11-Sep-15 A 100% -294 758 DE180550 Revise & resubmit Detailed Design of CEMS to IC, Employer & ER 7d 14-Aug-15 20-Aug-15 12-Sep-15 A 13-Oct-15 A Revise & resubmit Detailed Design of CEMS to IC, Employer & ER IC checks & certifies CEMS 759 DF180600 IC checks & certifies CEMS 7d 21-Aug-15 27-Aug-15 14-Oct-15 A 06-Nov-15 A 100% -71d DE180650 760 Employer consents to CEMS 10-Sep-15 17-Dec-15 A 100% Employer consents to CEMS 761 igestate Dewatering System 250d 19-Dec-14 26-Oct-15 23-Feb-15 A 25-Nov-15 A 762 250d 19-Dec-14 26-Oct-15 23-Feb-15 A 25-Nov-15 A 763 250d 19-Dec-14 26-Oct-15 23-Feb-15 A 25-Nov-15 A Prepare & make Digestate Dewatering Equipment & Performance Submission to IC, ER & 764 DE163200 16d 19-Dec-14 14-Jan-15 23-Feb-15 A 16-Mar-15 A -41d Prepare & make Digestate Dewatering Equipment & Performance Submission to IC, ER & E 765 DE163250 IC checks & comments on Digestate Dewatering Equipment 14d 15-Jan-15 28-Jan-15 17-Mar-15 A 15-Apr-15 A 100% -77d IC checks & comments on Digestate Dewatering Equipment Revise & resubmit Digestate Dewatering Equipment to IC Employer & ER 766 DE163300 Revise & resubmit Digestate Dewatering Equipment to IC, Employer & ER 7d 29-Jan-15 04-Feb-15 08-Apr-15 A 100% 25-Mar-15 A -63d 767 DE163350 ■ IC checks & certifies Digestate Dewatering Equipment IC checks & certifies Digestate Dewatering Equipment 11-Feb-15 15-Apr-15 A 768 DE163400 25-Feb-15 02-Jul-15 A 100% -127d Employer consents to Digestate Dewatering Equipment Employer consents to Digestate Dewatering Equipment 769 DE163450 08-Aug-15 A Prepare & submit Detailed Design of Digestate Dewatering System to IC, ER & Employer Prepare & submit Detailed Design of Digestate Dewatering System to IC, ER & Employer 34d 29-Jul-15 14-Sep-15 10-Apr-15 A 100% IC checks & comments on Detailed Design of Digestate Dewatering System 770 DE163550 IC checks & comments on Detailed Design of Digestate Dewatering System 14d 15-Sep-15 28-Sep-15 0d 09-Aug-15 A 12-Aug-15 A 100% 47d 771 Revise & resubmit Detailed Design of Digestate Dewatering System to IC, Employer & ER DE163600 Revise & resubmit Detailed Design of Digestate Dewatering System to IC, Employer & EF 772 DE163650 IC checks & certifies Digestate Dewatering System 7d 06-Oct-15 12-Oct-15 0d 25-Sep-15 A 03-Nov-15 A 100% -22d IC checks & certifies Digestate Dewatering System 773 DE163700 Employer consents to Digestate Dewatering System 26-Oct-15 25-Nov-15 A 100% -300 Employer consents to Digestate Dewatering 774 212d 19-Dec-14 08-Sep-15 25-Nov-15 A Composting and Maturation System 29-Dec-14 A 29-Dec-14 A 775 212d 19-Dec-14 08-Sep-15 25-Nov-15 A 776 212d 19-Dec-14 08-Sep-15 29-Dec-14 A 25-Nov-15 A DE160200 Prepare & make Composting & Maturation Equipment & Performance Submission to IC, ER & 14-Jan-15 repare & make Composting & Maturation Equipment & Performance Submission to IC, ER & Employ 16d 19-Dec-14 29-Dec-14 A 14-Jan-15 A 778 DE160250 IC checks & comments on Composting & Maturation Equipment 14d 15-Jan-15 28-Jan-15 0d 15-Jan-15 A 27-Jan-15 A 100% IC checks & comments on Composting & Maturation Equipment 779 Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER 7d 29-Jan-15 03-Feb-15 A 28-Jan-15 A Revise & resubmit Composting & Maturation Equipment to IC, Employer & ER 780 DE160350 IC checks & certifies Composting & Maturation Equipment 7d 05-Feb-15 11-Feb-15 04-Feb-15 A 18-Feb-15 A 100% IC checks & certifies Composting & Maturation Equipment 781 DE160400 25-Feb-15 -222d Employer consents to Composting & Maturation Equipm Employer consents to Composting & Maturation Equipment 05-Oct-15 A 100% 782 DE160450 Prepare & submit Detailed Design of Composting System to IC, ER & Employer 34d 10-Jun-15 28-Jul-15 12-Mar-15 A 08-Aug-15 A 100% Prepare & submit Detailed Design of Composting System to IC, ER & E 783 DE160500 IC checks & comments on Detailed Design of Composting System 14d 29-Jul-15 11-Aug-15 09-Aug-15 A 12-Aug-15 A IC checks & comments on Detailed Design of Composting System 784 DE160550 Revise & resubmit Detailed Design of Composting System to IC, Employer & ER 7d 12-Aug-15 18-Aug-15 13-Aug-15 A 16-Oct-15 A 100% Revise & resubmit Detailed Design of Composting Sy 785 DE160600 IC checks & certifies Composting System 7d 19-Aug-15 25-Aug-15 25-Sep-15 A 03-Nov-15 A 100% IC checks & certifies Composting System 786 DF160650 Employer consents to Composting System 08-Sep-15 25-Nov-15 A 100% 787 Wastewater Tr eatment System (WWTS) 788 202d 19-Jan-15 23-Sep-15 23-Jan-15 A 28-Oct-15 A 0d 23-Jan-15 A 28-Oct-15 A 789 Prepare & make WWTS Equipment & Performance Submission to IC, ER & Employe Prepare & make WWTS Equipment & Performance Submission to IC, ER & Employer 791 DE190250 14d 14-Feb-15 27-Feb-15 IC checks & comments on WWTS Equipment 0d 14-Feb-15 A 09-Mar-15 A 100% IC checks & comments on WWTS Equipment 792 Revise & resubmit WWTS Equipment to IC, Employer & ER 100% Revise & resubmit WWTS Equipment to IC, Employer & ER DE190300 06-Mar-15 793 DE190350 IC checks & certifies WWTS Equipment 7d 07-Mar-15 13-Mar-15 100% 14-Feb-15 A 09-Mar-15 A IC checks & certifies WWTS Equipment 0d Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works Page 14 of 40 print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 794 Employer consents to WWTS Equipmen DE190400 795 DE190450 Prepare & submit Detailed Design of WWTS to IC, ER & Employe 37d 22-Jun-15 12-Aug-15 04-May-15 A 27-Jul-15 A 100% Prepare & submit Detailed Design of WWTS to IC, ER & Employ 796 DE190500 IC checks & comments on Detailed Design ofWWTS 100% IC checks & comments on Detailed Design of WWTS 26-Aug-15 14-Aug-15 A 797 Revise & resubmit Detailed Design of WWTS to IC, Employer & EF DE190550 Revise & resubmit Detailed Design of WWTS to IC, Employer & ER 7d 27-Aug-15 02-Sep-15 15-Aug-15 A 01-Sep-15 A 100% 798 DE190600 IC checks & certifies Wastewater Treatment System 09-Sep-15 IC checks & certifies Wastewater Treatment System 799 DE190650 Employer consents to Wastewater Treatment System 0d 100% 23-Sep-15 28-Oct-15 A Employer consents to Wastewater Tre 203d 18-Dec-14 800 Centralized Air Pollution Control (CAPC) System 27-Aug-15 12-Oct-15 A 12-Oct-15 A 801 27-Aug-15 18-Dec-14 A 803 DE170200 Prepare & make CAPC Equipment & Performance Submission to IC, ER & Employer 17d 18-Dec-14 14-Jan-15 18-Dec-14 A 14-Jan-15 A pare & make CAPC Equipment & Performance Submission to IC, ER & Employe 804 DE170250 IC checks & comments on CAPC System Equipment 27-Jan-15 A ■ IC checks & comments on CAPC System Equipment 14d 15-Jan-15 28-Jan-15 15-Jan-15 A 805 DE170300 Revise & resubmit CAPC System Equipment to IC, Employer & ER 7d 29-Jan-15 04-Feb-15 28-Jan-15 A 03-Feb-15 A 100% Revise & resubmit CAPC System Equipment to IC, Employer & ER 806 IC checks & certifies CAPC System Equipment 11-Feb-15 25-Feb-15 A IC checks & certifies CAPC System Equipment 807 DF170400 Employer consents to CAPC System Equipment 25-Feb-15 11-May-15 A 100% -75d Employer consents to CAPC System Equipment 34d 29-May-15 808 Prepare & Submit Detailed Design of CAPC System to IC, ER & Employer 16-Jul-15 12-May-15 A 05-Jun-15 A 100% Prepare & Submit Detailed Design of CAPC System to IC. ER & Em ■ IC checks & comments on Detailed Design of CAPC System 809 DE170500 IC checks & comments on Detailed Design of CAPC System 14d 17-Jul-15 30-Jul-15 06-Jun-15 A 23-Jun-15 A 100% DE170550 Revise & resubmit Detailed Design of CAPC System to IC, Employer & ER 7d 31-Jul-15 06-Aug-15 02-Jul-15 A Revise & resubmit Detailed Design of CAPC System to IC, Employer 811 ■ IC checks & certifies CAPC System DE170600 IC checks & certifies CAPC System 7d 07-Aug-15 13-Aug-15 03-Jul-15 A 31-Jul-15 A 100% 812 DE170650 Employer consents to CAPC System 100% Employer consents to CAPC System 27-Aug-15 12-Oct-15 A 813 and Accessories - Switchgear, LCP, Cable, Earthing, etc 181d 09-Mar-15 16-Oct-15 02-Jan-16 A 814 High Voltage (HV) 815 02-Jan-16 A 30-Sep-16 epare & make HV Elect. Equipment & Performance Submission to IC, ER & Employer 816 DE200700 Prepare & make HV Elect. Equipment & Performance Submission to IC, ER & Employe 27-Feb-16 A IC checks & comments on HV Electrical System Equipment 817 DE200750 IC checks & comments on HV Electrical System Equipme 29-Feb-16 A 23-Mar-16 A 100% Revise & resubmit HV Electrical System Equipment to IC, Employer & ER 818 0d DE200800 Revise & resubmit HV Electrical System Equipment to IC, Employer & ER 24-Mar-16 A 03-May-16 A 100% IC checks & certifies HV Electrical System Equipment 819 DE200850 IC checks & certifies HV Electrical System Equipment 100% 24-Jun-16 A Employer consents to HV Electrical System Equipmen 820 DE200900 Employer consents to HV Electrical System Equipment 06-Jul-16 A 100% Prepare & submit Detailed Design of HV Electrical System to IC, ER & Employer 821 DE200950 Prepare & submit Detailed Design of HV Electrical System to IC, ER & Employe 18-May-16 A 19-Jul-16 A 100% 822 IC checks & comments on Detailed Design of HV Electrical System DE201100 IC checks & comments on Detailed Design of HV Electrical System 0d 20-Jul-16 A 15-Aug-16 A 100% Revise & resubmit Detailed Design of HV Electrical System to IC, Employer & 823 DE201150 Revise & resubmit Detailed Design of HV Electrical System to IC, Employer & ER -83c IC checks & certifies HV Electrical System 824 DE201200 IC checks & certifies HV Electrical System 0% -83d 23-Aug-16 29-Aug-16 Employer consents to HV Electrical System 825 DE201250 Employer consents to HV Electrical System -101d 826 Low Voltage (LV) and Emergency Generator 181d 09-Mar-15 16-Oct-15 09-Mar-15 A 27-Oct-16 286d 827 181d 09-Mar-15 27-Oct-16 828 DE200200 Prepare & make Elect. Equipment & Performance Submission to IC, ER & Employe 100% epare & make Elect. Equipment & Performance Submission to IC, ER & Emp 829 DE200250 IC checks & comments on Electrical System Equipment 14d 03-Apr-15 16-Apr-15 01-Apr-15 A 22-Aug-16 75% 418d -494 checks & comments on Electrical System Equipment 830 DE200300 Revise & resubmit Electrical System Equipment to IC, Employer & ER 7d 17-Apr-15 23-Apr-15 12d 16-Apr-15 A 29-Aug-16 80% 411d -494 vise & resubmit Electrical System Equipment to IC, Employer & ER 831 DE200350 390d IC checks & certifies Electrical System Equipment 7d 24-Apr-15 30-Apr-15 19d 22-Apr-15 A 05-Sep-16 78% -494 IC checks & certifies Electrical System Equipment 832 DE200400 Employer consents to Electrical System Equipmen 14-May-15 0d 19-Sep-16 0% 390d -494 ◆ Employer consents to Electrical System Equipmen 833 DE200450 -32d Prepare & submit Detailed Design of Electrical System to IC, ER & Employer 37d 02-Jul-15 21-Aug-15 02-May-15 A 15-Sep-16 82% -265 Prepare & submit Detailed Design of Electrical System to IC, ER & Emplo 21d 834 DE200500 IC checks & comments on Detailed Design of Electrical System 14d 22-Aug-15 04-Sep-15 43d 13-May-15 A 29-Sep-16 78% 380d -391 IC checks & comments on Detailed Design of Electrical System 835 DE200550 Revise & resubmit Detailed Design of Electrical System to IC, Employer & ER 7d 05-Sep-15 73% 373d -391 11-Sep-15 10-Jul-15 A 06-Oct-16 Revise & resubmit Detailed Design of Electrical System to IC, Emplo 836 DE200600 IC checks & certifies Electrical System 18-Sep-15 13-Oct-16 70% -139d 7d 12-Sep-15 15-Jul-15 A IC checks & certifies Electrical System 837 DE200650 Employer consents to Electrical System 16-Oct-15 27-Oct-16 0% -139d -377 Employer consents to Electrical System 838 Extra Low Voltage (ELV) 38d 11-Aug-15 23-Sep-15 30d 14-Aug-15 A 22-Sep-16 -74d 839 38d 11-Aug-15 23-Sep-15 30d 14-Aug-15 A 22-Sep-16 -74d -2950 840 DS140240 Prepare & make Detailed Design- ELV System to IC, ER & Employer 32d 11-Aug-15 23-Sep-15 14-Aug-15 A 10-May-16 A 100% iled Design- ELV System to IC, ER & Employer IC checks & comments on ELV System 841 DS140450 IC checks & comments on ELV System Οd 0d 11-May-16 A 04-Jul-16 A 100% Revise & resubmit ELV System Detailed Design to IC, Employer & ER 842 DS140500 Revise & resubmit ELV System Detailed Design to IC, Employer & ER 05-Jul-16 A 01-Sep-16 IC checks & certifies ELV System 843 DS140550 IC checks & certifies ELV System 02-Sep-16 08-Sep-16 0% -88d ♠ Employer consents to ELV System 844 DS140600 Employer consents to ELV System 22-Sep-16 0% -88d 845 Control and Monitoring System (SCADA/PLC) 846 -72d 847 166d 30-Mar-15 20-Oct-15 76d 20-Mar-15 A 17-Nov-16 -72d -320d Prepare & make SCADA/PLC Equipment & Performance Submission to IC, ER & Employe 848 DE210200 17d 30-Mar-15 24-Apr-15 20-Mar-15 A 22-Apr-15 A Prepare & make SCADA/PLC Equipment & Performance Submission to IC, ER & En 849 IC checks & comments on SCADA/PLC Equipment 14d 25-Apr-15 08-May-15 23-Apr-15 A 08-May-15 A 100% IC checks & comments on SCADA/PLC Equipment DE210250 Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Page 15 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 850 Revise & resubmit SCADA/PLC Equipment to IC, Employer & ER DE210300 Revise & resubmit SCADA/PLC Equipment to IC, Employer & ER 851 DE210350 IC checks & certifies SCADA/PLC Equipment 7d 16-May-15 22-May-15 15-May-15 A 100% L IC checks & certifies \$CADA/PLC Equipment 14-May-15 A 852 DE210400 Employer consents to SCADA/PLC Equipment 05-Jun-15 100% 25-Jun-15 A Employer consents to SCADA/PLC Equipment 853 Prepare & submit Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 1) (1st) DE210450 Prepare & submit Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 1) (1st) 39d 16-Jul-15 08-Sep-15 15-Jul-15 A 05-Oct-15 A 100% 854 ■ IC checks & comments on Detailed Design of SCAIDA/PLC System (Batch 1) (1st) IC checks & comments on Detailed Design of SCADA/PLC System (Batch 1) (1st) 855 DE210550 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 1) (2nd) 05-Nov-15 A 100% -37d Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 1) (2nd) 7d 23-Sep-15 29-Sep-15 30-Oct-15 A IC checks & comments on Detailed Design of \$CADA/PLC System (Batch 1) (2nd) 856 DE210560 IC checks & comments on Detailed Design of SCADA/PLC System (Batch 1) (2nd) 24-Nov-15 A Revise & resubmit Detailed Design of \$CADA/PLC System to IC, Employer & ER (Batch 1) (3rb) 857 DE210570 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 1) (3rd) 25-Nov-15 A 23-Dec-15 A 100% 858 DE210600 IC checks & certifies SCADA/PLC System (Batch 1) (3rd) 7d 30-Sep-15 06-Oct-15 24-Dec-15 A 26-Aug-16 80% -18d IC checks & certifies SCADA/PLC System (Batch 1) (3rd) Employer consents to SCADA/PLC System (Batch 1) 859 DE210650 0% -18d -325 Fmolover consents to SCADA/PLC System (Batch 1) 20-Oct-15 09-Sep-16 LC to IC, ER & Employer (Batch 2) (1st) Prepare & submit Detailed Design of SCADA/PLC to IC, ER & Employer (Batch 2) (1st) 860 DE210660 02-Dec-15 A 100% IC checks & comments on Detailed Design of SCADA/PLC System (Batch 2) (1st) 861 DE210670 IC checks & comments on Detailed Design of SCADA/PLC System (Batch 2) (1st) 03-Dec-15 A 13-Jan-16 A 100% Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (2hd) 862 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (2nd) 25-Jan-16 A IC checks & comments on Detailed Design of SCADA/PLC System (Batc 863 0d DE210690 IC checks & comments on Detailed Design of SCADA/PLC System (Batch 2) (2nd) 15d 26-Jan-16 A 01-Sep-16 75% -62d Revise & resubmit Detailed Design of SCADA/PLC System to IC, Emp Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 2) (3rd) 864 DE210700 -62d ■ IC checks & certifies SCADA/PLC System (Batch 2) (3rd) 865 IC checks & certifies SCADA/PLC System (Batch 2) (3rd) DE210710 01-Oct-16 07-Oct-16 0% -62d ◆ Employer consents to SCADA/PLC System (Batch 2) 866 DE210720 Employer consents to SCADA/PLC System (Batch 2) 21-Oct-16 -62d epare & submit Detailed Design of SCADA/PLC to IC, ER & Employer 867 Prepare & submit Detailed Design of SCADA/PLC to IC. ER & Employer (Batch 3) (1st) 0d DE210730 21d 01-Dec-15 A 15-Sep-16 60% -62d IC checks & comments on Detailed Design of SCADA/PLC System (Ba -87d DE210740 IC checks & comments on Detailed Design of SCADA/PLC System (Batch 3) (1st) 29-Sep-16 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Em 869 DE210750 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (2nd) 30-Sep-16 06-Oct-16 0% -87d IC checks & comments on Detailed Design of SCADA/PLC Syste 870 DE210760 0d -87d IC checks & comments on Detailed Design of SCADA/PLC System (Batch 3) (2nd) Revise & resubmit Detailed Design of SCADA/PLC System to IC, 871 DE210770 Revise & resubmit Detailed Design of SCADA/PLC System to IC, Employer & ER (Batch 3) (3rd) 0d 7d 21-Oct-16 27-Oct-16 0% -87d ■ IC checks & certifies SCADA/PLC System (Batch 3) (3rd) 872 IC checks & certifies SCADA/PLC System (Batch 3) (3rd) 28-Oct-16 -87d ◆ Employer consents to SCADA/PLC System (Batch 3) 873 -87d DE210790 Employer consents to SCADA/PLC System (Batch 3) 0d 17-Nov-16 0% 874 DETAILED DESIGN SUBMISSION (DDS) - BUILDING SERVICES 875 -77d 21-Oct-15 35d 876 103d 18-Jun-15 18-Jun-15 A 17-Oct-16 877 03-Aug-15 878 DS110200 Prepare & submit Fire Safety, Dangerous Goods Application & FSI to FSD & EMSD 32d 18-Jun-15 18-Jun-15 A 17-Jul-15 A Prepare & submit Fire Safety, Dangerous Goods Application & FSI to FSD & EMSD 879 DS110250 Submit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, ER & Employer 09-Sep-15 02-Sep-16* 0% -64d -2430 Submit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, ER & Er 880 DS110300 IC checks & comments on Fire Safety, Dangerous Goods & FSI Detailed Design 14d 10-Sep-15 23-Sep-15 06-Sep-16 19-Sep-16 -94d -362 C checks & comments on Fire Safety, Dangerous Goods & FSI Detaile 881 Revise & resubmit Fire Safety, Dangerous Goods & FSI Detailed Design to IC, Employer & ER -94d 7d 24-Sep-15 30-Sep-15 7d 20-Sep-16 26-Sep-16 Revise & resubmit Fire Safety, Dangerous Goods & FSI Detailed De 0% 882 DS110400 IC checks & certifies Fire Safety, Dangerous Goods & FSI Detailed Design 7d 01-Oct-15 07-Oct-15 7d 27-Sep-16 03-Oct-16 0% -94d -362 IC checks & certifies Fire Safety, Dangerous Goods & FS Detailed 883 DS110450 Employer consents to Fire Safety, Dangerous Goods & FSI Detailed Design -94d 21-Oct-15 17-Oct-16 0% Employer consents to Fire Safety, Dangerous Goods & FSI Detail 884 885 01-Dec-15 A 886 01-Dec-15 A -47d 0d Prepare & submit Lift Detailed Design to EMSD 887 DS110500 Prepare & submit Lift Detailed Design to EMSD 01-Dec-15 A 21-Sep-16 -39d ♦ Submit Lift Detailed Design to IC, ER & Employer 888 DS110550 Submit Lift Detailed Design to IC, ER & Employe 100% IC checks & comments on Lift Detailed Design 889 DS110600 100% IC checks & comments on Lift Detailed Design 24-Mar-16 A 15-Apr-16 A Revise & resubmit Lift Detailed Design to IC, Employer & ER 890 DS110650 Revise & resubmit Lift Detailed Design to IC, Employer & ER IC checks & certifies Lift Detailed Design 891 DS110700 IC checks & certifies Lift Detailed Design Od 11-Jun-16 A 23-Jun-16 A 100% yer consents to Lift Detailed Design 892 DS110750 100% Employer consents to Lift Detailed Design 08-Jul-16 A 893 15-Jul-16 A 894 15- Jul-16 A 27-Aug-16 -70d 895 0d 27-Aug-16 Submit Lifting Platform Detailed Design to IC, ER & Employer 896 Submit Lifting Platform Detailed Design to IC, ER & Employe 15-Jul-16 A hecks & comments on Lifting Platform Detailed Design 897 EM111150 IC checks & comments on Lifting Platform Detailed Design 16-Jul-16 A 28-Jul-16 A 100% rise & resubmit Lifting Platform Detailed Design to IC, Employer & ER EM111200 Revise & resubmit Lifting Platform Detailed Design to IC, Employer & ER 29-Jul-16 A 04-Aug-16 A 100% IC checks & certifies Lifting Platform Detailed Design 899 FM111250 IC checks & certifies Lifting Platform Detailed Design Οd 05-Aug-16 A 08-Aug-16 A 100% ♦ Employer consents to Lifting Platform Detailed Design 900 0% Employer consents to Lifting Platform Detailed Design 27-Aug-16' -83d 901 Pre-treatment & Administration Bldg #1 73d 18-May-15 13-Aug-15 04-May-15 A 902 903 37d 18-May-15 02-Jul-15 04-May-15 Δ 904 DS120200 Prepare & make Bldg #1 BS Detailed Design - Electrical System to IC, ER & Employe 32d 18-May-15 02-Jul-15 04-May-15 A 02-Jul-15 A 100% Prepare & make Bldg #1 BS Detailed Design - Electrical System to IC, ER & Employ ■ IC checks & comments on Bldg #1 BS Electrical System DDS 905 DS120202 Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Page 16 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Variance - BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 906 DS120204 Revise & resubmit Bldg #1 BS Electrical System DDS to IC, Employer & ER IC checks & certifies Bldg #1 BS Electrical System DDS (incl. Re-subm 907 DS120206 IC checks & certifies Bldg #1 BS Electrical System DDS (incl. Re-submissions) 0d 0% -95d 29d 28-Jul-15 A 15-Sep-16 ◆ Employer consents to Bldg #1 BS Electrical System DDS 908 DS120208 Employer consents to Bldg #1 BS Electrical System DDS 29-Sep-16 0% -950 BS - Fire Services 37d 18-May-15 02-Jul-15 04-May-15 A 15-Mar-16 A 909 910 32d 18-May-15 02-Jul-15 DS120210 Prepare & make Bldg #1 BS Detailed Design - FS System to IC, ER & Employer 04-May-15 A 02-Jul-15 A Prepare & make Blog #1 BS Detailed Design - FS System to IC, ER & Er ■ IC checks & comments on Bldg #1 BS FS System DDS 912 DS120212 IC checks & comments on Bldg #1 BS FS System DDS 100% 03-Jul-15 A 13-Jul-15 A Revise & resubmit Bldg #1 BS FS System DDS to IC, Employer & EF 913 DS120214 Revise & resubmit Bldg #1 BS FS System DDS to IC, Employer & ER 14-. Jul-15 A 27-.lul-15 A 100% IC checks & certifies Bldg #1 BS FS System DDS 914 IC checks & certifies Bldg #1 BS FS System DDS DS120216 04-Dec-15 A 100% 28-Jul-15 A ◆ Employer consents to Bldg #1 BS FS System DDS Employer consents to Bldg #1 BS FS System DDS 915 DS120218 15-Mar-16 A 100% 916 BS - Plumbing & Drainage 917 37d 18-May-15 02-Jul-15 04-May-15 A 15-Mar-16 A 918 DS120220 Prepare & make Bldg #1 BS Detailed Design - P/D System to IC, ER & Employe 32d 18-May-15 02-Jul-15 04-May-15 A 02-Jul-15 A repare & make Bldg #1 BS Detailed Design - P/D System to IC, ER & Er 919 IC checks & comments on Bldg #1 BS P/D System DDS DS120222 IC checks & comments on Bldg #1 BS P/D System DDS 03-Jul-15 A 13-Jul-15 A Revise & resubmit Bldg #1 BS P/D System DDS to IC, Employer & ER 920 DS120224 Revise & resubmit Bldg #1 BS P/D System DDS to IC, Employer & ER 14-Jul-15 A 30-Sep-15 A 100% IC checks & certifies Bldg #1 BS P/D System DDS 921 DS120226 IC checks & certifies Bldg #1 BS P/D System DDS 100% 28-Jul-15 A 04-Dec-15 A ♦ Employer consents to Bldg #1 BS P/D System DDS 922 Employer consents to Bldg #1 BS P/D System DDS DS120228 15-Mar-16 A 100% 923 924 73d 18-May-15 13-Aug-15 04-May-15 A 30-Dec-15 A -114d 925 DS120230 Prepare & make Bldg #1 BS Detailed Design - MVAC System to IC, ER & Employer 32d 18-May-15 02-Jul-15 04-May-15 A 02-Jul-15 A Prepare & make Blog #1 BS Detailed Design - MVAC System to IC, ER & Employe 926 DS120250 IC checks & comments on Bldg #1 BS MVAC System IC checks & comments on Bldg #1 BS MVAC System 13-Jul-15 A Revise & resubmit Bldg #1 BS BS MVAC System DDS to IC, Employer & ER Revise & resulpmit Bldg #1 BS BS MVAC System DDS to C Employer & ER 927 7d 17-Jul-15 DS120300 23-Jul-15 14-Jul-15 A 30-Sep-15 A 100% -69d 928 DS120350 IC checks & certifies Bldg #1 BS MVAC System DDS 7d 24-Jul-15 30-Jul-15 16-Dec-15 A -1390 IC checks & certifies Bldg #1 BS MVAC Syst 929 Employer consents to Bldg #1 BS MVAC System DDS -1390 Employer consents to Bldg #1 BS MVAC Sys DS120400 13-Aug-15 30-Dec-15 A 100% 930 80d 16-Mar-15 931 BS - Electrical 33d 16-Mar-15 27-Apr-15 02-Apr-15 A -80d -4250 36d 29-Sep-16 932 933 DS130200 Prepare & make Bldg #2 BS Detailed Design - Electrical System to IC, ER & Employer 28d 16-Mar-15 27-Apr-15 02-Apr-15 A 23-Jun-15 A IC checks & comments on Bldg #2 BS Electrical System DDS 934 DS130202 100% IC checks & comments on Bldg #2 BS Electrical System DDS 24-Jun-15 A 06-Jul-15 A Revise & resubmit Bldg #2 BS Electrical System DDS to IC, Employe 935 DS130204 Revise & resubmit Bldg #2 BS Electrical System DDS to IC, Employer & ER 07-Jul-15 A 14-Jul-15 A 100% checks & certifies Bldg #2 BS Electrical System DDS (incl. Re-submi-936 DS130206 IC checks & certifies Bldg #2 BS Electrical System DDS (incl. Re-submissions) 15-Jul-15 A 15-Sep-16 80% -95d ◆ Employer consents to Bldg #2 BS Electrical System DDS 937 DS130208 Employer consents to Bldg #2 BS Electrical System DDS 29-Sep-16 0% -95d 938 BS - Fire Services 33d 16-Mar-15 27-Apr-15 30-May-16 A 02-Apr-15 A 939 940 DS130210 Prepare & make Bldg #2 BS Detailed Design - FS System to IC, ER & Employer 28d 16-Mar-15 27-Apr-15 23-Jun-15 A 100% IC checks & comments on Bldg #2 BS F\$ System DDS 941 IC checks & comments on Bldg #2 BS FS System DDS Revise & resubmit Bldg #2 BS FS System DDS to IC, Employer & ER 942 DS130214 Revise & resubmit Bldg #2 BS FS System DDS to IC, Employer & ER 0d 07-Jul-15 A 14-Jul-15 A 100% 943 fies Bldg #2 BS FS System DDS (incl. Re-submissions) IC checks & certifies Bldg #2 BS FS System DDS (incl. Re-submissions) 15-Jul-15 A 11-May-16 A onsients to Bldg #2 BS FS System DDS 944 DS130218 Employer consents to Bldg #2 BS FS System DDS 30-May-16 A 100% 945 BS - Plumbing & Drainage 02-Apr-15 A 18-May-16 A 946 33d 16-Mar-15 27-Apr-15 02-Apr-15 A 18-May-16 A -313d 947 DS130220 Prepare & make Bldg #2 BS Detailed Design - P/D System to IC, ER & Employer 28d 16-Mar-15 27-Apr-15 02-Apr-15 A 23-Jun-15 A are & make Bldg #2 B\$ Detailed Design - P/D System to IC, ER & Er IC checks & comments on Bldg #2 BS P/D System DDS 948 DS130222 IC checks & comments on Bldg #2 BS P/D System DDS Revise & resubmit Bldg #2 B\$ P/D System DDS to C, Employer & E 949 DS130224 Revise & resubmit Bldg #2 BS P/D System DDS to IC, Employer & ER 0d 07-Jul-15 A 14-Jul-15 A 100% 950 C checks & certifies Bldg #2 BS P/D System DDS DS130226 IC checks & certifies Bldg #2 BS P/D System DDS 09-May-16 A ♦ Employer consents to Bldg #2 BS P/D System DDS 951 DS130228 Employer consents to Blda #2 BS P/D System DDS 18-May-16 A 100% 952 BS - MVAC 02-Apr-15 A 30-Dec-15 A 953 80d 16-Mar-15 24-Jun-15 02-Apr-15 A 30-Dec-15 A -156d Prepare & make Bldg #2 BS Detailed Design - MVAC System to IC, ER & Employe 954 DS130230 28d 16-Mar-15 27-Apr-15 02-Apr-15 A 23-Jun-15 A 100% -39d are & make Bldg #2 B\$ Detailed Design - MVAC System to IC. ER & Employe 955 DS130250 IC checks & comments on Bldg #2 BS MVAC System 11-May-15 06-Jul-15 A 100% -56d IC checks & comments on Bldg #2 BS MVAC System DS130300 Revise & resubmit Bldg #2 BS MVAC System to IC, Employer & ER 956 Revise & resubmit Bldg #2 BS MVAC System to IC, Employer & ER 7d 12-May-15 18-May-15 07-Jul-15 A 14-Jul-15 A 100% -57d 15-Jul-15 A 957 DS130350 IC checks & certifies Bldg #2 BS MVAC System 25-May-15 06-Nov-15 A 100% -1650 Checks & certifies Bldg #2 BS MVAC System 958 DS130400 Employer consents to Bldg #2 BS MVAC System 24-Jun-15 30-Dec-15 A 100% Employer consents to Bldg #2 BS MVAC 959 960 38d 11-Aug-15 23-Sep-15 18-Jan-16 A 29-Sep-16 BS - Electrical 961 38d 11-Aug-15 23-Sep-15 18-Jan-16 A Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & Employer 962 DS140200 Prepare & make Bldg #3 & Aux. Facilities BS Detailed Design - Electrical System to IC, ER & 32d 11-Aug-15 23-Sep-15 18-Jan-16 A 05-Feb-16 A IC checks & comments on Bldg #3 & Aux. Facilities BS Electrical System DDS 963 IC checks & comments on Bldg #3 & Aux. Facilities BS Electrical System DDS DS140202 06-Feb-16 A Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Page 17 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

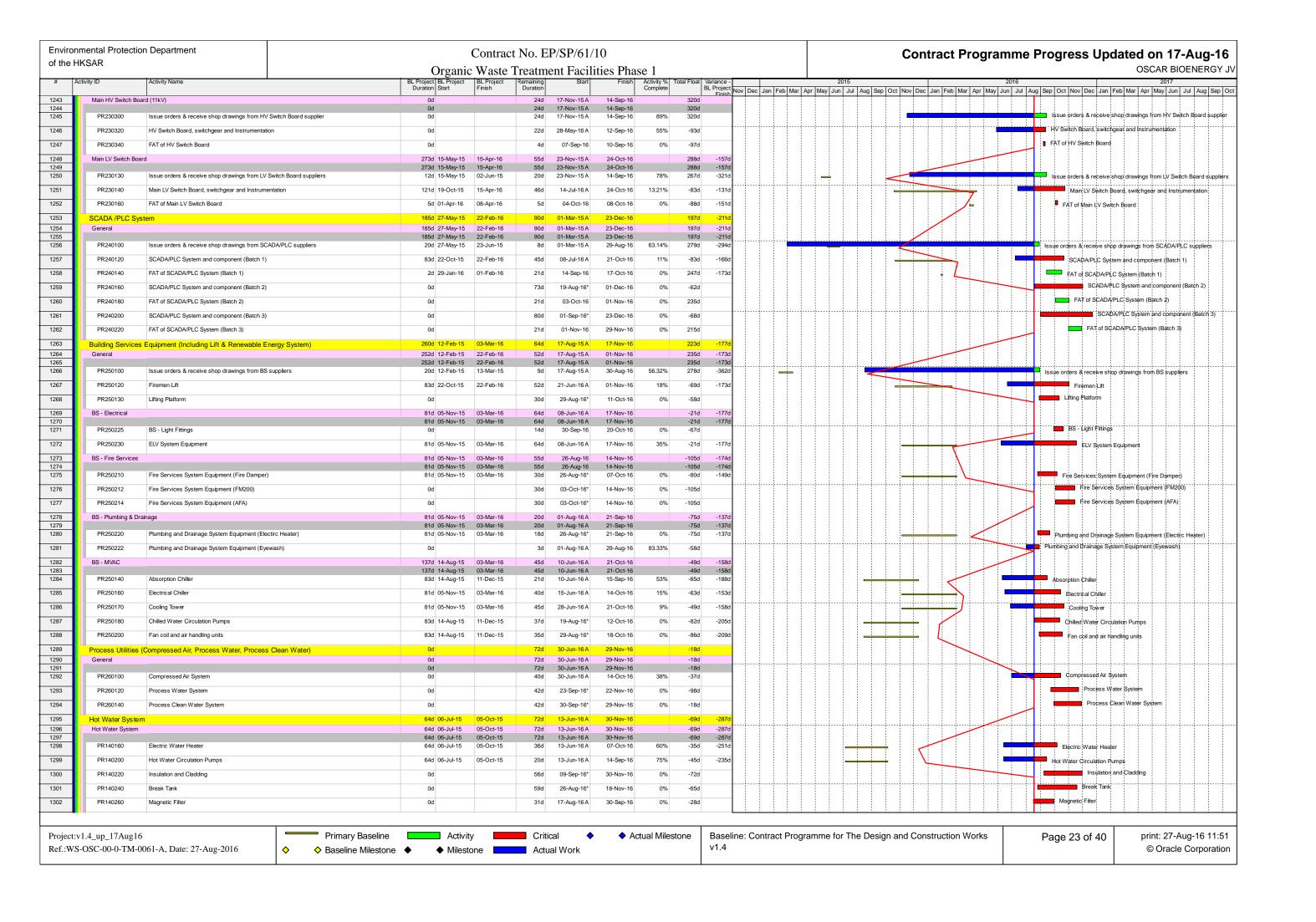
Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Revise & resubmit Bidg #3 & Aux. Facilities BS Electrical System DDS to IC, Employer & ER 964 Revise & resubmit Bldg #3 & Aux. Facilities BS Electrical System DDS to IC, Employer & ER DS140204 IC checks & certifies Bldg #3 & Aux. Facilities BS Electrical System DDS 965 DS140206 IC checks & certifies Bldg #3 & Aux. Facilities BS Electrical System DDS (incl. Re-submissions) 65% -95d 29d 23-Apr-16 A 15-Sep-16 ◆ Employer consents to Bldg #3 & Aux. Facilities BS Electrical System DI 966 DS140208 Employer consents to Bldg #3 & Aux. Facilities BS Electrical System DDS 29-Sep-16 0% -95d 967 BS - Fire Services 38d 11-Aug-15 23-Sep-15 01-Dec-15 A 24-May-16 A 968 38d 11-Aug-15 23-Sep-15 24-May-16 A 32d 11-Aug-15 23-Sep-15 969 DS140210 Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - FS System to IC, ER & Employer 01-Mar-16 A Prepare & make Bldg #3 Aux Facilities BS Detailed Design - FS System to IC, ER & Employer IC checks & comments on Bldg #3 & Aux. Facilities BS FS System DDS 970 DS140212 IC checks & comments on Bldg #3 & Aux. Facilities BS FS System DDS 02-Mar-16 A 23-Mar-16 A 100% Revise & resubmit Bligg #3 & Aux. Facilities BS F\$ System DDS to IC, Employer & ER 971 DS140214 Revise & resubmit Bldg #3 & Aux. Facilities BS FS System DDS to IC, Employer & ER 25-Apr-16 A 100% IC checks & ce tiffes Bldg #3 & Aux. Facilities BS F\$ System DDS 972 IC checks & certifies Bldg #3 & Aux. Facilities BS FS System DDS DS140216 11-May-16 A 100% 26-Apr-16 A ♦ Employer consents to Bldg #3 & Aux. Facilities BS FS System DD\$ 973 DS140218 Employer consents to Bldg #3 & Aux. Facilities BS FS System DDS 24-May-16 A 100% 974 BS - Plumbing & Drainage 38d 11-Aug-15 23-Sep-15 01-Dec-15 A 975 01-Dec-15 A 16-May-16 A 976 DS140220 Prepare & make Bldg #3 Aux. Facilities BS Detailed Design - P/D System to IC, ER & Employe 32d 11-Aug-15 23-Sep-15 01-Dec-15 A 01-Mar-16 A repare & make Bldg #3 Aux Facilities BS Detailed Design - P/D System to IC, ER & Employe IC checks & comments on Bldg #3 & Aux. Facilities BS P/D \$ystem DD\$ 977 DS140222 IC checks & comments on Bldg #3 & Aux. Facilities BS P/D System DDS 02-Mar-16 A 23-Mar-16 A Revise & tesubmit Bldg #3 & Aux. Facilities BS P/D System DDS to IC, Employer & ER 978 DS140224 Revise & resubmit Bldg #3 & Aux. Facilities BS P/D System DDS to IC, Employer & ER 24-Mar-16 A 24-Apr-16 A 100% IC checks & cer ifies Bldg #3 & Aux. Facilities BS P/D System DDS 979 DS140226 IC checks & certifies Bldg #3 & Aux. Facilities BS P/D System DDS 100% 06-May-16 A 25-Apr-16 A ısenis to Bldg #3 & Aux. Facilities BS P/D System DDS 980 ♦ Émployer con Employer consents to Bldg #3 & Aux. Facilities BS P/D System DDS DS140228 16-May-16 A 100% 981 982 04-Nov-15 18-Jan-16 A 14-Sep-16 -256d 983 DS140230 Prepare & make Bldg #3 Aux. Facilities BS Detailed Design-MVAC of Energy Centre to IC, ER & 32d 11-Aug-15 23-Sep-15 18-Jan-16 A 17-Mar-16 A 100% Prepare & make Bldg #3 Aux. Facilities BS Detailed Design-MVAC of Energy Centre to IC, ER & Employe 984 DS140250 IC checks & comments on Bldg #3 & Aux. Facilities BS MVAC System -204 IC checks & comments on Bldg:#3 &Aux. Facilities B\$ MVAC System Revise & resubmit Bldg #3 & Aux. Facilities B\$ MVAC System to IC, Employer & ER Revise & resubmit Bldg #3 & Aux. Facilities BS MVAC System to IC. Employer & ER -271 985 DS140300 7d 08-Oct-15 14-Oct-15 29-Apr-16 A 11-Jul-16 A 100% 986 DS140350 IC checks & certifies Bldg #3 & Aux. Facilities BS MVAC System 7d 15-Oct-15 21-Oct-15 12-Jul-16 A 31-Aug-16 -61d -315 IC checks & certifies Bldg #3 & Aux. Facilities BS MVAC System 987 Employer consents to Bldg #3 & Aux, Facilities BS MVAC System -61d ♦ Employer consents to Bldg #3 & Aux. Facilities BS MVAC System DS140400 04-Nov-15 14-Sep-16 0% -3150 988 STATUTORY AND UTILITIES DESIGN SUBMISSION 989 411d 30-Jan-15 15-Mar-16 117d 306d 12-Feb-15 A 12-Dec-16 990 15-Mar-16 117d 306d -272 411d 30-Jan-15 12-Feb-15 A 12-Dec-16 991 -272 992 SU110200 EPD, LandsD, PlanD & ArchSD - Approval for Landscape & Bldg #2 Green Roof Design 28d 19-Sep-15 16-Oct-15 121d -334 PD, LandsD, PlanD & ArchSD - Approval for Landscape & Bldg #2 Gr 993 SU110210 ArchSD - Comment on Architectural Design 28d 04-Jun-15 01-Jul-15 21-Jun-15 A 02-Sep-15 A 100% 994 SU110220 ArchSD - Comment on Stage 2 Architectural Design 0d 37d 07-Jul-16 A 23-Sep-16 0% -70d ArchSD - Comment on Stage 2 Architectural Design 995 SU110250 GEO - Comment on Geotechnical Interpretative Report 28d 28-Mar-15 24-Apr-15 28-Mar-15 A 20-Apr-15 A 100% 996 SU110260 GEO - Approval for NTH Study Report 28d 09-Oct-15 05-Nov-15 20-Jun-15 A 22-Feb-16 A 100% 997 SU110270 GEO - Approval of NTH Mitigation Design -270d 28d 08-Dec-15 04-Jan-16 04-Jun-16 A 30-Sep-16 57.14% -94d 12d GEO - Approval of NTH Mitigation Design 998 SU110300 EPD - Sewage Discharge License approva 28d 20-Jun-15 17-Jul-15 15-Apr-16 A 03-Jun-16 A 100% -322 SU110330 -273d 999 CLP - Consent of Scheme for Provision of Electricity to CLP 28d 06-Mar-15 02-Apr-15 12-Feb-15 A 31-Dec-15 A 100% CLP - Consent of Scheme for Provision of Electricity to CLP 1000 SU110350 CLP - Approval of Transformer Room layout, Cable duct arrangement and Grid Connection 28d 22-Aug-15 18-Sep-15 16-Sep-15 A 08-Dec-15 A 100% Submission of "Engineering Design Report for PMU Protection Scheme" to CLP 1001 SU110353 0d Submission of "Engineering Design Report for PMU Protection Scheme" to CLP 25-Jul-16 A 100% CLP - Approval of "Engineering Design Report for PMU Protection Sch 1002 SU110355 CLP - Approval of "Engineering Design Report for PMU Protection Scheme" 0d 26-Jul-16 A 30-Sep-16 0% -112d 1003 SU110360 CLP - Approval of Submission Package on Grid Arrangement 28d 19-Sep-15 30-Nov-15 A 75% -112d 16-Oct-15 30-Sep-16 CLP - Approval of Submission Package on Grid Arrangemen 1004 SU110400 DSD - Approval for Stormwater and Sewerage Connection 17-Jul-15 02-Dec-15 A 30-Sep-16 80% 379d -441 DSD - Approval for Stormwater and Sewerage Cor 1005 SU110450 WSD - Approval for Water Supply & Plumbing 24-Jun-15 26-Feb-16 A 03-Sep-16 80% -92d -437 28d 28-May-15 17d W\$D - Approval for Water Supply & Plumbing 1006 SU110500 FSD - Approval for Fire Safety, Dangerous Goods Application and Fire Services Installations 28d 12-Aug-15 08-Sep-15 22-May-15 A 27-May-16 A 100% -262 al for Fire Salety, Dangerous Goods Application and Fire Services Installation EMSD - Approval for Biogas Holder 1007 SU110510 EMSD - Approval for Biogas Holder 24-Jun-16 A 100% 12-Jan-16 A 1008 SU110550 28d 04-Aug-15 31-Aug-15 19-Oct-16 0% -56d -415 EMSD - Approval for Lift Design 22-Sep-16 -2320 1009 SU110600 TD & HvD - Approval for Access Road & Entrance (Portion 2) Design 28d 25-Sep-15 22-Oct-15 18-Mar-16 A 10-Jun-16 A 100% proval for Access Road & Entrance (Portion 2) Design 1010 SU110620 Liaison with HKPF, TD & HyD - for Access Road & Entrance (Portion 2) works 15-Mar-16 05-May-16 A 04-Jul-16 A 100% -111 Liaison with HKPF, TD & HyD - for Access Road & Entrance (Portion 2) works 1011 SU110650 70d 30-Jan-15 09-Apr-15 -181d LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Excl. Natural 07-Oct-15 A 100% 18-Mar-15 A LandsD & EPD - Approval of Tree preservation, transp ting and felling proposals (Excl. Natural Terrain) LandsD & EPD - Approval of Tree preservation, transplanting and felling proposals (Natural Terrain - if any) 1012 70d 16-Aug-15 24-Oct-15 70d 12-Dec-16 0% -36d -415 04-Oct-16 LandsD & EPD - Approval of Tree p 1013 1014 Bill of Materials and Isometric Production Schedule 283d 1015 02-Nov-15 A 31-Oct-16 -78d 1016 0d 61d 02-Nov-15 A 31-Oct-16 -78d re Pipe Specification 15-Jul-16 A 1018 BM100120 Support Pipe Class Definition in PDMS 0d 14-Dec-15 A 22-Jul-16 A 100% CW 3D Model Convert into PDM\$ from ARUP's 1019 CW 3D Model Convert into PDMS from ARUP's Drawing 18-Nov-15 A 20-Nov-15 A Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Activity Page 18 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

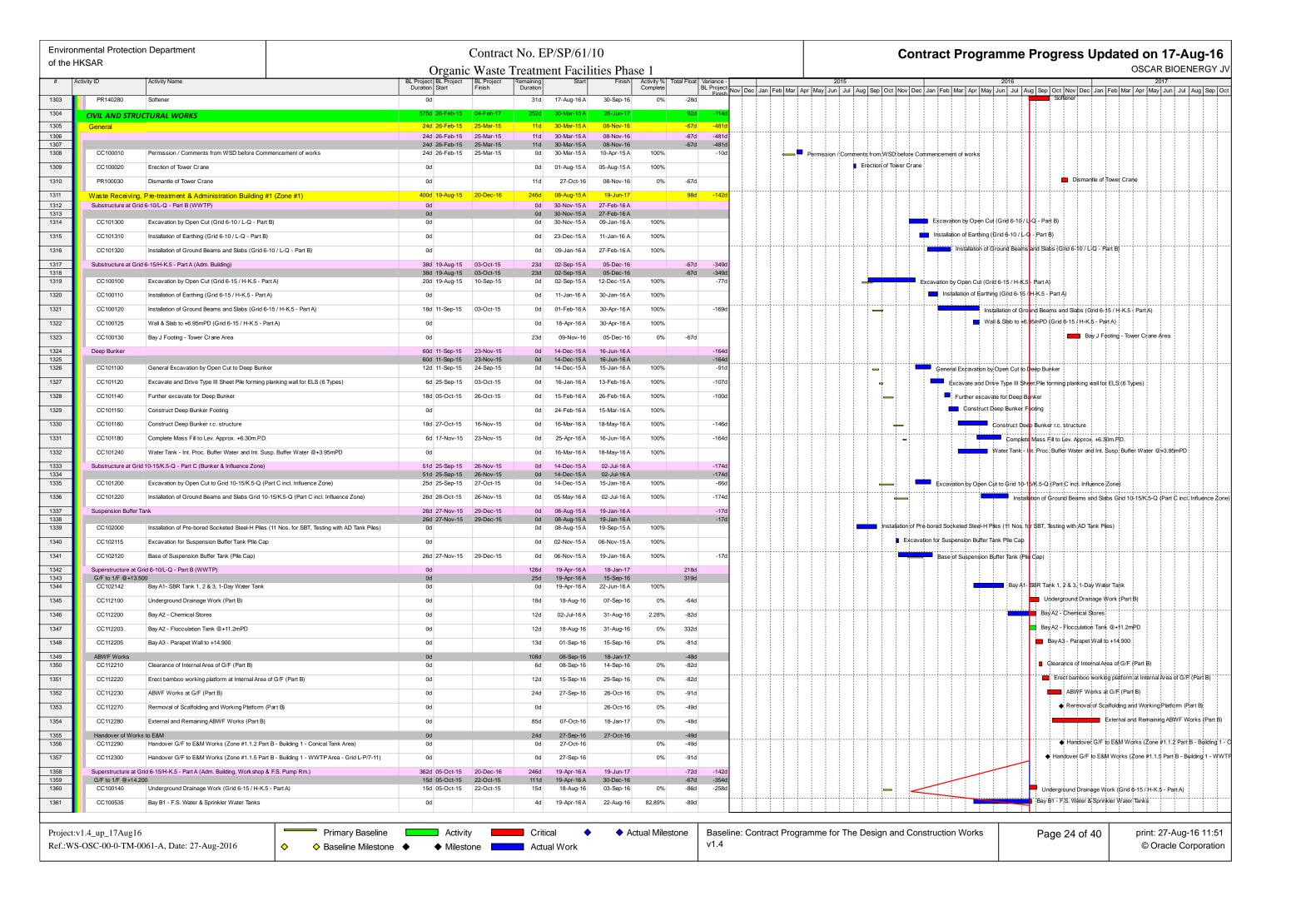
Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 1020 BM100140 3D Model Split as Need in PDMS 3D Model Relocation in PDMS 1021 BM100150 3D Model Relocation in PDMS 0d 30-Nov-15 A 04-Dec-15 A 100% U/G Pipng Work 1022 BM100160 19-Feb-16 A 100% 1023 BM100170 -78d DE Support and Drawing Checking 16-Nov-15 A 31-Oct-16 82% 1024 15-Oct-16 1025 07-Dec-15 A 15-Oct-16 3D Model Build - Building 1 Area 1026 BM200110 3D Model Build - Building 1 Area 29-Feb-16 A 01-Apr-16 A 100% 3D Model Build -1027 BM200120 3D Model Build - Building 2 Area 0d 29-Mar-16 A 29-Apr-16 A 100% 1028 3D Model Build - Building 3 Area BM200130 3D Model Build - Building 3 Area 07-Dec-15 A 04-Mar-16 A 100% 3D Model Build - Wastewater Treatment Plant (WWTP) 1029 BM200140 3D Model Build - Wastewater Treatment Plant (WWTP) 15-Oct-16 0% -100d 3D Model Build - Centralized Air Pollution Control (CAPC) System 1030 BM200150 3D Model Build - Centralized Air Pollution Control (CAPC) System 03-May-16 A 15-Sep-16 56.9% 1031 05-Mar-16 A 15-Oct-16 1032 05-Mar-16 A 15-Oct-16 296d Assembly Drawing - Building 1 Area BM300110 Assembly Drawing - Building 1 Area 02-Apr-16 A 15-Apr-16 A 1034 BM300115 Updated Assembly Drawing - Building 1 Area 48d 14-May-16 A 15-Oct-16 63% 296d 1035 100% Assembly Drawing - Building 2 Area BM300120 Assembly Drawing - Building 2 Area 13-May-16 A 30-Apr-16 A 1036 BM300125 Updated Assembly Drawing - Building 2 Area 0d 14-May-16 A 26-Aug-16 95% 336d 1037 Absembly Drawing - Building 3 Area BM300130 Assembly Drawing - Building 3 Area 11-Mar-16 A Updated Assembly Drawing - Building 3 Area 1038 BM300135 Updated Assembly Drawing - Building 3 Area 14-May-16 A 09-Sep-16 88% 324d 1039 BM300140 -82d Assembly Drawing - Drawing Update (After Comments by IC & ER) 18-Apr-16 A 05-Oct-16 76% 1040 Isometric Drawing and BOO 48d 12-Mar-16 A 15-Oct-16 -47d 1041 15-Oct-16 Isometric Drawing and BOQ - Building 1 Area 1042 Isometric Drawing and BOQ - Building 1 Area 16-Apr-16 A 29-Apr-16 A 1043 Od BM400115 Updated Isometric Drawing and BOQ - Building 1 Area 48d 14-May-16 A 15-Oct-16 68% -83d Isometric Drawing and BOQ - Building 2 Area 1044 Isometric Drawing and BOQ - Building 2 Area Updated Isometric Drawing and BOQ - Building 2 Area 1045 BM400125 Updated Isometric Drawing and BOQ - Building 2 Area 28-May-16 A 26-Aug-16 96% -16d Isometric Drawing and BOQ - Building 3 Area 1046 BM400130 Isometric Drawing and BOQ - Building 3 Area Updated Isometric Drawing and BOQ - Building 3 Area 1047 BM400135 Updated Isometric Drawing and BOQ - Building 3 Area 0d 20d 28-May-16 A 09-Sep-16 84% -19d 1048 Isometric Drawing Drawing Update (After Comments by IC & ER) Isometric Drawing Drawing Update (After Comments by IC & ER) 05-Oct-16 Isometric Drawing and BOQ - Wastewater Treatment Plant (WWT 1049 BM400150 Isometric Drawing and BOO - Wastewater Treatment Plant (WWTP) 42d 25-Aug-16 15-Oct-16 0% -100d 1050 Isometric Drawing and BOQ - Centralized Air Pollution Control (CAPC) System 03-May-16 A 15-Sep-16 78% -45d Isometric Drawing and BOQ - Centralized Air Pollution Control (CAPC) S 1051 PROCUREMENT, MANUFACTURING, F.A.T., SHIPMENT AND DELIVERY OF E&M SYSTEMS L 1052 Waste Receiving, Storage and Feeding System 221d 09-Mar-15 26-Jan-16 61d 20-Mar-15 A 226d 1053 221d 09-Mar-15 26-Jan-16 20-Mar-15 A 14-Nov-16 226d 1054 221d 09-Mar-15 26-Jan-16 61d 20-Mar-15 A 14-Nov-16 226d PR110110 Issue orders & receive shop drawings from Waste Receiving, Storage and Feeding System 1055 20d 09-Mar-15 08-Apr-15 30d 20-Mar-15 A 29-Sep-16 95% 257d 1056 PR110120 Overhead Grabbing System 192d 22-Apr-15 26-Jan-16 17-Nov-15 A 31-May-16 A 100% 1057 PR110140 86d 03-Aug-15 03-Jun-16 A 100% Reception Hoppers and Screw Conveyors 03-Dec-15 08-Oct-15 A -1220 hners and Screw Conveyors 1058 PR200100 Weighbridge Platform 103d 09-Jul-15 03-Dec-15 31d 04-Dec-15 A 30-Sep-16 90% -22d Weighbridge Platform 1059 PR200120 61d 22-Oct-15 04-Dec-15 A 90% -24d Weighbridge Computer System 18-Jan-16 31d 30-Sep-16 Welghbridge Computer System Bin Handling Machine 1 1060 PR210105 Bin Handling Machine 1 31-May-16 A 21-Oct-16 65% -44d Bin Handling Machine 2 1061 PR210108 45d 08-Jul-16 A 21-Oct-16 43% -45d Bin Handling Machine 2 High Jet Water Spray Gun System 1062 PR210110 High Jet Water Spray Gun System 0d 26-Aug-16* 28-Oct-16 0% -79d 1063 PR210120 Vehicle Wash Plant / Water Reclamation System 102d 09-Jul-15 02-Dec-15 31d 06-Jun-16 A 30-Sep-16 60% -69d Vehicle Wash Plant / Water Reclamation Wehicle Wash Plant 5th Bay 1064 PR210130 Vehicle Wash Plant 5th Bay 45d 09-Sep-16* 0% -79d 1065 Pre-Treatment System 205d 19-Mar-15 14-Jan-16 1066 General 93d 30-Jun-15 A 30-Dec-16 194d -238 1067 205d 19-Mar-15 14-Jan-16 93d 30-Jun-15 A 30-Dec-16 194d -2380 Issue orders & receive shop drawings from Pre-treatment suppliers 20-Apr-15 30-Jun-15 A 28-Sep-16 258d 1069 PR110160 86d 07-Sep-15 0d 17-Dec-15 A Crushers 11-Jan-16 31-May-16 A 100% 1070 -35d PR110180 06-Sep-16 Sieve Drums 1071 PR110200 Sand Grip Tran 86d 07-Sep-15 11-Jan-16 14d 08-Oct-15 A 06-Sep-16 88% -10d -1620 Sand Grip Trap 1072 PR110205 Metal Separato 16-Jul-16 A 30-Sep-16 1073 PR110240 64d 09-Oct-15 11-Jan-16 Central Sump Pump 49d 21-Mar-16 A 27-Oct-16 71% -32d 1074 -31d 123d 21-Jul-15 21d 16-Jul-16 A 15-Sep-16 70% Overhead Travelling Crane Monorail 0d 1075 PR110270 21d 16-Jul-16 A 15-Sep-16 70% -31d Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4_up_17Aug16 Page 19 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

vironmental Protecti the HKSAR	on Department		Contract No. 1						Contract Pro	gramme Progress Updated on 17-Aug
Activity ID	Activity Name		c Waste Treatn		ities Phas		t Variance		2015	OSCAR BIOENER
	Activity Name	BL Project Duration Start	Finish Duration	n Start	1 1111511	Activity % Total Float Complete	BL Project Finish	Nov Dec Jan Feb Mar		or May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug
PR110280	Mixing Tank	0d	15d	d 08-Oct-15 A	07-Sep-16	88% -570				
PR110300	Piston Pump	0d	13d	d 08-Oct-15 A	06-Sep-16	88% 12d	i			Piston Pump
PR110340	Macerators	0d	Od	d 17-Mar-16 A	11-Jul-16 A	100%			T	Macerators
PR110360	Bollfilter	0d	21d	d 05-Feb-16 A	15-Sep-16	88% -40	i			Bollfitter
PR110380	Centrifugal Pumps	0d	48d	d 21-Mar-16 A	26-Oct-16	62% -310	i			Centrifugal Pumps
PR110390	Lobe Pump	0d	Od	d 20-Jan-16 A	11-Jul-16 A	100%				Lôbe Pump
PR110395	Int. Suspension Buffer Tank Jet Mixer	0d	31d	d 13-Feb-16 A	30-Sep-16	56% -140	i			Int. Suspension Buffer Tank Jet Mixer
PR110400	Vertical Mixer	0d	93d	d 29-Jul-16 A	30-Dec-16	18% -850	i			Vertical Mixer
PR110420	Belt Conveyor	0d	31d	d 16-Jul-16 A	30-Sep-16	45% -290	i			Belf Conveyor
PR110440	Platform (Pre-treatment)	0d	35d	d 09-Sep-16*	31-Oct-16	0% -340	i			Platform (Pre-treatment)
PR110460	Control Panels (Pre-treatment)	0d	57d	d 09-Sep-16*	30-Nov-16	0% -560	i			Control Panels (Pre-treatment)
AND	stion (AD) Treatment System	213d 20-Apr-15		d 15-Apr-15 A	28-Nov-16	2160				
General PR110220		213d 20-Apr-15 213d 20-Apr-15	25-Feb-16 71d 25-Feb-16 71d		28-Nov-16 28-Nov-16	216d 216d				
PR110220	Suspension Buffer Tank	86d 07-Sep-15			14-Jun-16 A	100%	-103d			Suspension Buffer Tank
PR120100	Issue orders & receive shop drawings from AD s	suppliers 20d 20-Apr-15	18-May-15 22d	d 15-Apr-15 A	19-Sep-16	94.27% 2650	-333d			ssue orders & receive shop drawings from AD suppliers
PR120110	Digester Tanks No.1 & 2	Od	Od	d 15-Oct-15 A	30-Mar-16 A	100%				igester Tanks No.1;& 2
PR120120	Digester Tank No.3	86d 22-Oct-15	25-Feb-16 0d	d 15-Oct-15 A	14-Jun-16 A	100%	-73d		-	
PR120140	Jet Mixing Pumps	86d 22-Oct-15	25-Feb-16 17d	d 28-Dec-15 A	09-Sep-16	80% -250	-135d			Jet Mixing Pumps
PR120150	Safety Relief Valve	0d	40d	d 27-Jun-16 A	14-Oct-16	48% -470	i			Safety Relief Valve
PR120160	Heat Exchangers	86d 22-Oct-15	25-Feb-16 0d	d 03-Feb-16 A	17-May-16 A	100%	-54d			Heat Exchangers
PR120170	Hot Water Pumps	0d	22d	d 13-Jun-16 A	19-Sep-16	68% -300	i			Hot Water Pumps
PR120180	Digestate Circulation and Feeding Pumps (Lobe	Pumps) 86d 22-Oct-15	25-Feb-16 0d	d 11-Jan-16 A	11-Jul-16 A	100%	-91d			Digestate Circulation and Feeding Pumps (Lobe Pumps)
PR120190	Overflow Tank	0d	590	d 26-Aug-16*	18-Nov-16	0% -680	i			Overflow Tank
PR120200	Intermediate Digestate Tanks	64d 22-Oct-15	21-Jan-16 65d	d 26-Aug-16*	28-Nov-16	0% -590	-211d			Intermediate Digestate Tanks
1 PR120210	Feeding Centrifuge Pumps	0d	Od	d 20-Jan-16 A	11-Jul-16 A	100%				Feeding Centrifuge Pumps
2 PR120220	Monorail (Suspension Buffer Pump Room)	0d	24d	d 11-Jul-16 A	21-Sep-16	52% -460	i			Mongrail (Suspension Buffer Pump Ropm)
	, Storage and Distribution System	306d 08-Apr-15		-	05-Dec-16	2110				
Biogas Cleaning a	nd Storage System	219d 08-Apr-15 219d 08-Apr-15	23-Feb-16 76d 23-Feb-16 76d	-	05-Dec-16 05-Dec-16	211d				
PR130100	Issue orders & receive shop drawings from Biog		30-Apr-15 17d		09-Sep-16	93.71% 2700				Issue orders & receive shop drawings from Bipgas suppliers
PR130120	Desulphurisation System	64d 19-Nov-15	23-Feb-16 17d	d 22-Jan-16 A	09-Sep-16	78% -280	-137d			Desulphurisation System
PR130130	Condensate Pumps	0d	40d	d 13-Jul-16 A	14-Oct-16	35% -410	i			Çondensate Pumps
PR130135	Condensate Pots	0d	31d	d 28-Jun-16 A	30-Sep-16	58% -340	i			Condensate Pots
PR130140	Biogas Storage Tank Holder	64d 19-Nov-15	23-Feb-16 41d	d 16-Mar-16 A	17-Oct-16	73% -450	-161d			Biogas Storage Tank Holder
PR130150	Biogas Storage Tank Holder Steel Casing	0d	76 d	d 16-Mar-16 A	05-Dec-16	52% -800	i			Biogas Storage Tank Holder Steel Casing
Biogas Distribution	n System	306d 08-Apr-15			09-Sep-16	2700				
PR140180	Standby Gas Flaring Unit	306d 08-Apr-15 107d 06-Aug-15			09-Sep-16 09-Sep-16	270d 88% -62d				Standby Gas Flaring Unit
PR160100	Issue orders & receive shop drawings from Biog	as suppliers 17d 08-Apr-15	30-Apr-15 12d	d 03-Jul-15 A	02-Sep-16	92.49% 2750	-334d			Issue orders & receive shop drawings from Biogas suppliers
PR160120	Biogas Blowers	223d 06-Aug-15	30-Jun-16 17d	d 04-Feb-16 A	09-Sep-16	88% -620	i -50d			Biogas Blowers
PR160140	Biogas Cooling and Condensate Removal System	m 223d 06-Aug-15	30-Jun-16 17d	d 04-Feb-16 A	09-Sep-16	88% -620	-50d			Biogas Cooling and Condensate Removal System
PR160160	Carbon Filter	Od	17d	d 04-Feb-16 A	09-Sep-16	88% 430	i			Carbon Filter
Combined Heat	Recovery and Power (CHP) Generation Syst	em 383d 15-Mar-15	02-Jul-16 730	d 14-May-15 A	14-Nov-16	2710	-112d			+++
	ecovery and Power (CHP) Generation System	383d 15-Mar-15			14-Nov-16	271d]		
PR140100	Issue orders & receive shop drawings from CHF	383d 15-Mar-15 suppliers 16d 15-Mar-15			14-Nov-16 29-Aug-16	97.2% 4110				Issue orders & receive shop drawings from CHP suppliers
PR140120	Co Generator and Heat Exchanger	365d 04-Jul-15	02-Jul-16 0d	d 15-Dec-15 A	08-Jul-16 A	100%	-6d			Co Generator and Heat Exchanger
PR140140	FAT of Co-Generator and Heat Exchanger	5d 19-Jan-16	25-Jan-16 0d	d 18-Jan-16 A	23-Jan-16 A	100%	1d		■ FAT of Co-Ge	enerator and Heat Exchanger
PR140150	H2S Polishing /Active carbon (duplicated, to be of	leleted) 0d	33d	d 14-Jan-16 A	04-Oct-16	78% 370	i			H2S Pollshing /Active carbon (duplicated, to be deleted)
PR140170	CHP Stack (Insulation and Platform)	Od	45d	d 09-Sep-16*	14-Nov-16	0% -490	i	 		CHP Stack (Insulation and Platform)
	ion Monitoring System (CEMS)	191d 08-May-15			24-Aug-16	2820				
PR190100	Issue orders & receive shop drawings from CEN	191d 08-May-15 MS suppliers 19d 08-May-15			24-Aug-16 24-Aug-16	87.5% 282d				Issue orders & receive shop drawings from CEMS suppliers
PR190120	CEMS Equipment	103d 11-Sep-15		_	24-Aug-16	84.57% -436				cems Equipment
PR190140	FAT of CEMS Equipment	0d	000		04-May-16 A	100%		 		1 FAT of CEMS Equipment
					maj 1071					
oject:v1.4_up_17Aug1 f.:WS-OSC-00-0-TM-	6 0061-A, Date: 27-Aug-2016	Primary Baseline Activi ♦ Baseline Milestone ♦ Miles	,	ritical ♦	◆ Act	tual Milestone	Basel v1.4	line: Contract Prog	gramme for The Design and Construction Wor	Page 20 of 40 print: 27-Aug-16 © Oracle Corpo

f the HK		n Department			Contract										Cor	ntract Pr	ogramm	e Progr	ess Up			_
		1.25.1			c Waste		ent Facil				,									OS	CAR BIOE	ENERG'
Activ	tivity ID	Activity Name		BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float V B	/ariance - BL Project Finish	Nov Dec Jan Feb Mar	Apr May Jun		Oct Nov De	c Jan Feb Mar	2016 Apr May Jun Ju	Aug Sep Oct	Nov Dec Jan	Feb Mar Apr	May Jun Ju	ul Aug Se
-	Digestate Dewate	ring System		315d 12-Feb-15 315d 12-Feb-15	-		20-May-15 A 20-May-15 A	28-Nov-16 28-Nov-16		216d 216d	-129d -129d											
4 0				315d 12-Feb-15	25-May-16	71d	20-May-15 A	28-Nov-16		216d	-129d											
-11	PR170110	Issue orders & receive shop drawings from D	ligestate Dewatering suppliers	18d 12-Feb-15	11-Mar-15	22d	20-May-15 A	19-Sep-16	73.31%	265d	-377d					- i i i i i i			orders & receiv	e shop drawings	from Digestate	Dewaterino
_	PR170165	Centrifuge		0d		Od To I	22-Jan-16 A	03-Aug-16 A	100%									Centrifuge	Centrate T	ank		
411	PR170170	Centrate Tank		0d		59d	26-Aug-16*	18-Nov-16	0%	-58d									\Box \Box \Box	at Dewatering Ar	ga .	
40	PR170171	Platform at Dewatering Area		0d		54d	09-Sep-16*	25-Nov-16	0%	-51d								Bollfilter	i laupini	at Dewater II,ig Ai	qa	
_	PR170172	Bollfilter		0d		0d	05-Feb-16 A	16-Aug-16 A	100%	274									dfilter			
<u> </u>	PR170173	Sandfilter		0d		31d	20-Jul-16 A	30-Sep-16	35%	37d								j j	Polymer Stora	de Tahk	ļļļ	
	PR170174 PR170175	Polymer Storage Tank		0d		51d	30-Jun-16 A	31-Oct-16	33%	-1d									1 1 1	Discharge Pum	ns	
: 	PR170175	Centrate Discharge Pumps Polymer Feed Pumps		0d 0d		71d	21-Mar-16 A 30-Jun-16 A	28-Nov-16	68%	186d						$\parallel \parallel \parallel \parallel \top$		Polymer Feed Pu		J. J		
4	PR170176	Break Tank		0d 0d		0d 59d		19-Jul-16 A 18-Nov-16	100%	3d									Break Tan	k		
· 5	PR170177			143d 27-Oct-15	25-May-16		26-Aug-16*		0%	92d	-109d							1				
		Polymer Dosing System Sieve Fine Plastic			25-Iviay-10	51d	30-Jun-16 A	31-Oct-16	28%		-1090							i i i	Polymer Dosii	T 11 1	ļļļ	
7	PR170210 PR170230	Anti-Foaming and Anti-Scalant Station		0d 0d		64d 51d	26-May-16 A 30-Jun-16 A	17-Nov-16 31-Oct-16	65% 30%	16d 29d									\Box \Box \Box	and Anti-Scalant	Station	
	PR170230 PR170250	Anti-Foaming and Anti-Scalant Station Monorail (Dewatering)		0d 0d						29a								Monor	rail (Dewatering)			
9		Monorall (Dewatering) em (Composting Tunnel, Maturation Area	and Structurant Pagantian Area	315d 12-Feb-15	25-May-16	21d	11-Jul-16 A	15-Sep-16 05-Dec-16	0%	211d	.1344							11.0.101	(
)	General General	em (composting runner, Maturation Area	ranu Structurant Reception Area)	315d 12-Feb-15 315d 12-Feb-15	25-May-16 25-May-16	76d 76d	30-Nov-15 A 30-Nov-15 A	05-Dec-16		211d 211d	-134d											
1	PR170100	Issue orders & receive shop drawings from C	Composting suppliers	315d 12-Feb-15 18d 12-Feb-15	25-May-16 11-Mar-15	76d 41d	30-Nov-15 A 30-Nov-15 A	05-Dec-16 17-Oct-16	60%	211d 246d	-134d -396d								Secue ordero 9	eceive shop dra	wings from Co-	mpoeting
3	PR170100	Star Screen Unit		0d		21d	18-May-16 A	15-Sep-16	70%	57d	0.000							\$tar S	issue orders & r Screen Unit	cone shop ara	mings from Com	ippourig sup
4	PR170140	Mixing Unit		143d 09-Sep-15	11-Apr-16	65d	20-May-16 A	18-Nov-16	45%	13d	-154d								<u>_ </u>			
5	PR170190	Leachate Treatment, Pump & Sump Pump		143d 05-3ep-13	25-May-16	49d	21-Mar-16 A	27-Oct-16	65%	-11d	-107d								Mixing Uni			
6	PR170190			103d 09-Sep-15	-	65d		05-Dec-16		206d	-205d							1 1	<u></u>	tment, Pump & S	4	
		Compost Bagging Machine		·			02-Sep-16*		0%											st Bagging Mach	ine	
7	PR170220 PR170240	High Pressure Fans Heat Exchangers		103d 09-Sep-15	05-Feb-16 05-Feb-16	12d	18-Apr-16 A 05-Apr-16 A	02-Sep-16	92%	39d -19d	-141d -199d							High Pre	ssure Fans			
				103d 09-Sep-15		70d	·	25-Nov-16	66%										Heat Exc	1 1		
9	PR170260	Hot Water Circulation Pumps		103d 09-Sep-15	05-Feb-16	22d	13-Jun-16 A	19-Sep-16	78%	29d	-151d							Hot V	Vater Circulation			
0	PR170280	Tunnel Doors		103d 09-Sep-15	05-Feb-16	62d	02-Sep-16*	30-Nov-16	0%	-20d	-202d							TunnelT	Tunnel D	opors	ļļļ	
	PR170300	Tunnel Tiles		0d		11d	23-Mar-16 A	01-Sep-16	95%	4d						<u> </u>						
2	PR170320	Wheel Loader		0d	40. 4 40	0d	23-Mar-16 A	11-Aug-16 A	100%	000.1	4541					1		Wileer Load	91			
4	Wastewater Freat General	ment System (WWTS)		266d 16-Mar-15 266d 16-Mar-15	13-Apr-16 13-Apr-16	67d 67d	08-Jul-15 A 08-Jul-15 A	22-Nov-16 22-Nov-16		220d 220d	-154d -154d											
5	PR150100	Issue orders & receive shop drawings from W	WWTS euppliere	266d 16-Mar-15 17d 16-Mar-15	13-Apr-16	67d 4d	08-Jul-15 A 08-Jul-15 A	22-Nov-16 23-Aug-16	98%	220d 283d	-154d -340d										L	
7	PR150120	Wastewater Treatment Plant (General)	VVV 1 O Suppliers	103d 24-Sep-15	· ·	8d	11-Dec-15 A	29-Aug-16	90%	-56d	-126d		-	<						op drawings fron	1 VV VV I S SUPPIII	ers
	PR150120		og Syntom)	· ·	25-Feb-10						-120u							vvastewa	ter Treatment P	iant (General) ter Treatment Pla	nht (Chemical D	Dosina Syste
9	PR150130	Wastewater Treatment Plant (Chemical Dosin	ig System)	0d 134d 24-Sep-15	13-Apr-16	43d	22-Sep-16*	22-Nov-16	100%	-77d	-85d										(0.10.11104.112	Joing Stote
	PR150140	Ammonia Stripping Plant Primary Sedimentation Tank (Conical Tank) an	ad CRR Took	0d	13-Api-10	0d 29d	24-Dec-15 A	15-Aug-16 A	100%	-39d	-00u						<u> </u>	1 1 1	tripping Plant narv Sedimentati	ion Tank (Conica	l:Tank) and GR	₹PTank
	PR150180	SBR Submersible Mixer	IUGKF Idlik	0d 0d		290 5d	17-Jun-16 A 13-Feb-16 A	28-Sep-16	98%	-18d						<u></u>			nersible Mixer		ļļ	
2	PR150200	Air Blowers		0d		39d	16-Aug-16 A	24-Aug-16 13-Oct-16	1%	-52d									rir Blowers			
3	PR150220	Air Compressor		0d		40d	23-Jun-16 A	14-Oct-16	48%	-53d								1 1 1	Air Compressor			
4	PR150240	ASP Stack (Insulation and Platform)		0d		45d	09-Sep-16*	14-Nov-16	0%	-53d									1 1 1	(Insulation and F	Platform)	
5		ollution Control (CAPC) System		236d 12-Feb-15	26. Jan. 16		30-May-15 A	22-Nov-16	070	220d	-204d								Π			
3	General	olidion Contion (CAP C) System		236d 12-Feb-15			30-May-15 A	22-Nov-16		220d	-204d						T	+	 	 	 	
	PR180100	Issue orders & receive shop drawings from C.	CAPC suppliers	236d 12-Feb-15 18d 12-Feb-15	26-Jan-16 11-Mar-15	67d 6d	30-May-15 A 30-May-15 A	22-Nov-16 25-Aug-16	92.04%	220d 281d	-204d -361d							Issue ord	ers & receive sh	op drawings fror	n CAPC sunnie	ers
9	PR180120	CAPC System Equipment (General)		103d 28-Aug-15		18d	14-Jan-16 A	12-Sep-16	90%	-37d	-155d							<u> </u>	System Equipme	1 1 1	Supplie	
	PR180140	GRP Tanks		Od Od	-	51d	31-Aug-16*	11-Nov-16	0%	-63d									GRP Tanks	1 1 1		
-	PR180150	GRP Ductworks (Batch 1)		Od		8d	04-Jun-16 A	29-Aug-16	85%	-11d								GRP Duc	otworks (Batch 1	·	 	
	PR180152	GRP Ductworks (Batch 2)		Od		28d	24-Jun-16 A	27-Sep-16	55%	-31d							_	GR	P Ductworks (Ba	atch 2)		
-11	PR180154	GRP Ductworks (Batch 3)		Od		43d	22-Sep-16*	22-Nov-16	0%	-70d									1 1 1	tworks (Batch 3)		
	PR180160	Venturi Scubber		Od		0d	14-Jan-16 A	21-Jul-16 A	100%									Venturi Scubber				
	PR180180	Wet Scubber		Od		0d	14-Jan-16 A	21-Jul-16 A	100%									Wet Scubber				
6	PR180200	Chemical Scubber		0d		6d	14-Jan-16 A	25-Aug-16	98%	-25d								Chemical	Scubber		 	
37	PR180205	Pumps		0d		0d	14-Jan-16 A	05-May-16 A	100%								Pumps					
		<u> </u>	1							1		<u> </u>		<u> </u>		1 1 1 1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	1.4_up_17Aug16 OSC-00-0-TM-0	061-A, Date: 27-Aug-2016	Primary Baseline ♦ Baseline Mileston		•	Critic	cal 🔷 al Work	♦ A	ctual Miles		Baseli v1.4	ne: Contract Prog	ramme for	The Desigi	n and Co	nstruction Wo	orks	Page	21 of 40	1	int: 27-Auເ ີ Oracle C	

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 t Variance - BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De 1188 PR180210 1189 PR180215 Inline Fans 0d 0% -77d 43d 22-Sep-16* 22-Nov-16 CAPC System Equipment - Fans at Bullding 2 1190 PR180220 Supplier's Inspection of CAPC System Equipment - Fans at Building 2 100% Supplier's Inspection of CAPC System Equipment - Scubbers at Building 2 1191 PR180240 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 2 19-Apr-16 A 19-Apr-16 A 100% Supplier's Inspection of CAPC System Equipment - Fans at Building 1 1192 PR180260 100% Supplier's Inspection of CAPC System Equipment - Fans at Building 1 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 1 1193 PR180280 Supplier's Inspection of CAPC System Equipment - Scubbers at Building 1 12-Jul-16 A 100% 12-Jul-16 A 1194 352d 09-Mar-15 1195 16-Sep-15 A 28-Nov-16 258d General 352d 09-Mar-15 Issue orders & receive shop drawings from Mechanical Equip 1197 PR220050 Issue orders & receive shop drawings from Mechanical Equipment suppliers 20d 09-Mar-15 08-Apr-15 15d 16-Sep-15 A 07-Sep-16 43.29% 272d 1198 PR220055 17d -55d Mechanical Equipment - Pipework (SS316) Mechanical Equipment - Pipework (SS316) 19-Jan-16 A 09-Sep-16 80% Mechanical Equipment - Pipework (DI) 1199 -55d PR220065 Mechanical Equipment - Pipework (DI) 17d 19-Jan-16 A 09-Sep-16 80% 1200 Mechanical Equipment - Penstock PR220095 Mechanical Equipment - Penstock 23-Jun-16 A 1201 PR220100 Mechanical Equipment - Pipework (uPVC) 105d 21-Jul-15 17-Dec-15 17d 19-Jan-16 A 09-Sep-16 80% -55d -1800 Mechanical Equipment - Pipework (uPVC) Issue orders & receive shop drawings from Roller Shutte 1202 Issue orders & receive shop drawings from Roller Shutter suppliers 20d 88% 267d 16-Sep-15 A 14-Sep-16 Roller Shutters (Local) 1203 PR220104 Roller Shutters (Local) 34d 30-Jul-16 A 27-Sep-16 0% -40d Roller Shutters (UK) PR220105 Roller Shutters (UK) 21-Nov-16 0% -54d 26-Aug-16* orders & receive shop drawings from Lifting Appliance suppliers 1205 PR220106 Issue orders & receive shop drawings from Lifting Appliance suppliers 01-Dec-15 A 11-Jul-16 A 100% 1206 Lifting Appliance PR220108 11-Jul-16 A 09-Sep-16 25% -55d 17d Lifting Appliance 1207 PR220110 Issue orders & receive shop drawings from Platforms, Handrails & Ladders suppliers 20d 17-Jun-15 15-Jul-15 10d 23-Nov-15 A 31-Aug-16 95% 277d -281 sue orders & receive shop drawings from Platforms, Handrails & Ladder Platforms, Handrails and Ladders 1208 PR220120 Platforms, Handrails and Ladders 15-Sep-16* 25-Nov-16 0% -65d 1209 PR220130 Issue orders & receive shop drawings from Mobile Plants suppliers 40d 22-Sep-15 20d 18-Aug-16* 14-Sep-16 0% 22d Issue orders & receive shop drawings from Mobile Plants suppliers 1210 PR220140 22d Mobile Plants Mobile Plants 120d 20-Nov-15 51d 15-Sep-16 28-Nov-16 0% 1211 56d 08-Jun-16 A 07-Nov-16 -79d 1212 1213 3-Way Valve 35d 17-Oct-16 26-Aug-16* Ball Float Valve 1214 0d -64d PR220160 Ball Float Valve 25d 09-Sep-16* 17-Oct-16 0% Ball Valve 1215 PR220170 09-Sep-16 28-Oct-16 1216 0d -69d PR220180 Butterfly Valve 27-Jun-16 A 24-Oct-16 35% 1217 -73d Knife Gate Valve 08-Jun-16 A 28-Oct-16 43% Non-Return Valve 1218 PR220220 Non-Return Valve 0d 50d 26-Aug-16* 07-Nov-16 0% -79d 1219 Pressure Regulating Valve PR220230 Pressure Regulating Valve 28-Oct-16 0% -73d 09-Sep-16* 1220 PR220240 Pressure Relief Valve 09-Sep-16* 28-Oct-16 0% -73d Solenoid Valve 1221 09-Sep-16 17-Oct-16 0% -64d 1222 PR220260 Gate Valve 0d 46d 27-Jun-16 A 24-Oct-16 28% -69d 1223 Electrical System & Accesso 208d 15-May-15 15-Mar-16 30-Dec-16 194d 1224 Electrical System & Accessories 93d 27-May-15 A 1225 Issue orders & receive shop drawings from Electrical suppliers 1226 PR230100 02-Jun-15 MCC and Electrical Accessories System (Pre-treat 1227 PR230125 MCC and Electrical Accessories System (Pre-treatment) 93d 03-Aug-16 A 30-Dec-16 0% -120d MCC and Electrical Accessories System (CAPCS) 1228 PR230135 MCC and Electrical Accessories System (CAPCS) 93d 03-Aug-16 A 30-Dec-16 0% -115d MCC and Electrical Accessories System (Composting and De 1229 PR230145 1.59% -64d MCC and Electrical Accessories System (Composting and Dewatering) 62d 15-Jul-16 A 15-Nov-16 MCC and Electrical Accessories System (WWTP) 1230 PR230155 MCC and Electrical Accessories System (WWTP) 03-Aug-16 A 30-Dec-16 0% -74d 1231 MCC and Electrical Accessories System (AD) PR230165 MCC and Electrical Accessories System (AD) 93d 30-Dec-16 0% -93d 15-Jul-16 A MCC and Electrical Accessories System (Biogas Clea 1232 PR230175 MCC and Electrical Accessories System (Biogas Cleaning & Storage) 0d 15-Jul-16 A 30-Dec-16 0% -123d MCC and Electrical Accessories System (Heat Rec 1233 PR230178 MCC and Electrical Accessories System (Heat Recovery & Power Generation) 93d 03-Aug-16 A 30-Dec-16 0% -123d 1234 PR230180 Cables (HV & LV) and Accessories, Cable Containment System 61d 19-Oct-15 17-Oct-16 45.33% -81d Cables (HV & LV) and Accessories, Cable Containment System 1235 PR230200 -25d 40d 19-Oct-15 2d 27-May-15 A 98.23% Earthing and Lightning 14-Dec-15 19-Aug-16 Earthing and Lightning 1236 PR230220 101d 19-Oct-15 75d 18-Aug-16 02-Dec-16 0% -98d Emergency Generator 1237 17-Nov-15 A 231d 11kV / 380V Stepdown Transformers 03-Jan-17 1238 231d Issue orders & receive shop drawings from Transformer supplier 1239 PR230230 17-Nov-15 A Issue orders & receive shop drawings from Transforr 11kV / 380V Transformers, Earthing Transformer 1240 PR230250 11kV / 380V Transformers, Earthing Transformer 28-May-16 A 13-Oct-16 55% -117d FAT of 11kV / 380V Transformers, Earthing Transformer 1241 PR230270 FAT of 11kV / 380V Transformers, Earthing Transformer Οd 31-Aug-16 03-Sep-16 0% -97d Phasor Measurement Units (PMU) by CLP 1242 0d 182d PR230280 Phasor Measurement Units (PMU) by CLF 76d 03-Oct-16 03-Jan-17 0% Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:51 Project:v1.4 up 17Aug16 Page 22 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work





e HKSAR			Organic Was	to Trantm	ant Eggili	itios Dha	1 م					•	`	-	pdated on 17-Aug OSCAR BIOENE
Activity ID	Activity Name		BL Project BL Project BL Proj	ect Remaining	Start Start	Finish	Activity % To	tal Float Varia	nce -	20	015		2016		2017
CC100540	Bay B2 - F.S. Pump Room and Workshop		Duration Start Finish 0d	Duration 9d	10-Jun-16 A	27-Aug-16	Complete 63%	-92d	Nov Dec Jar	n Feb Mar Apr May Jun	Jul Aug Sep Oct Nov D	Dec Jan Feb Mar Apr May	Jun Jul Aug Sep Bay	Oct Nov Dec J 32 - F.S. Pump Roo	an Feb Mar Apr May Jun Jul Au om and Workshop
CC100605	Bay J - Structure at Tower Crane Area		0d	20d	06-Dec-16	30-Dec-16	0%	-67d							Bay J - Structure at Tower Crane Area
G/F to M/F @+11			0d	6d	31-May-16 A	29-Aug-16		-90d							
CC100710	Bay C1 - Office Area		0d	0d	31-May-16 A	28-Jul-16 A	100%							ffice Area	
CC100720	Bay K1 - Staircase		0d	6d	16-Aug-16 A	29-Aug-16	62.5%	-90d					Bay i	K1 - Staircase	
M/F to 1/F @+17 CC100555	.200 Bay C2 - Water Collection Tank & Rainwater F	Recycling Tank & Plant Room	0d 0d	52d 32d	26-May-16 A 26-May-16 A	20-Oct-16 24-Sep-16	57.5%	-106d -111d						Bay C2 - Water Co	ollection Tank & Rainwater Recycling Tan
CC100560	Bay C3 - M/F to 1/F Roof @+17.200		0d	20d	26-Sep-16	20-Oct-16	0%	-106d						Bay C3 - M/F	to 1/F Roof @+17.200
CC100565	Bay K2 - Staircase		0d	19d	30-Aug-16	21-Sep-16	0%	-85d					E	Bay K2 - Staircase	
1/F to Roof 2+22.			0d	16d	22-Sep-16	12-Oct-16	201	-67d						■ Bay K3 - Stairc	asa to Poof
CC100600 CAPCS Stack	Bay K3 - Staircase to Roof		0d 0d	16d	22-Sep-16	12-Oct-16 18-Nov-16	0%	-67d -39d					- I I I -	Bay No - Stall C	356 10 11,001
CAPCS Stack CC100725	Fabricate & Deliver CAPCS Structural Steelwo	ork	Od Od	77d 53d	18-Aug-16 18-Aug-16*	21-Oct-16	0%	-39d						Fabricate & D	Deliver CAPCS Structural Steelwork
CC100730	CAPCSStack to +32.000 (Structural Steelwork	s)	Od	24d	22-Oct-16	18-Nov-16	0%	-39d						CAPGS	Stack to +32.000 (Structural Steelwork)
ABWF Works	Classes of Internal Assa of C/E (Part A)		110d 11-Aug-16 20-Dec		29-Aug-16	19-Jun-17	00/		142d				■ Cles	rance of Internal A	Area of G/F (Part A)
CC100610 CC100620	Clearance of Internal Area of G/F (Part A) Erect bamboo working platform at Internal Are	a of G/F (Part A)	Od Od	6d 12d	29-Aug-16 05-Sep-16	03-Sep-16 19-Sep-16	0%	-92d -92d							king platform at Internal Area of G/F (Part
CC100620 CC100630	ABWF Works at G/F (Part A)	a or ori (raith)	Od Od	12d 24d	05-Sep-16	19-Sep-16 06-Oct-16	0%	-92d -94d						ABWF Works a	
CC100640	Clearance of Internal Area of Mezz Lev. & 1/F	(Part A)	0d	9d	17-Oct-16	26-Oct-16	0%	-111d	-						f Internal Area of Mezz Lev. & 1∜F (Part A
CC100650	Erect bamboo working platform at Internal Are		Od Od	12d	27-Oct-16	09-Nov-16	0%	-111d						1 1 1	nbop working platform at Internal Area of
CC100660	ABWF Works at M/F, 1/F to R/F (Part A)	. ,	Od	30d	10-Nov-16	14-Dec-16	0%	-111d	-						WF Works at M/F, 1/F to R/F (Part A)
CC100670	Rermoval of Scaffolding and Working Platform	(Part A)	Od	0d		14-Dec-16	0%	-61d	-					♦ Rer	rmoval of Scaffolding and Working Platfo
CC100680	External and Remaining ABWF Works (Part A)	Od	85d	07-Oct-16	18-Jan-17	0%	-48d						1 1 1	External and Remaining ABWF Work
CC102440	Interior Fitting-out Works to Admin & Visitor Ar	eas	74d 11-Aug-16 08-Nov	-16 74d	10-Jan-17	10-Apr-17	0%	-54d	124d					<u> </u>	Interior Fitting-out Wor
CC102480	Snagging to Interior Fitting-out Works to Admir	n & Visitor Areas	36d 09-Nov-16 20-Dec	·16 36d	08-May-17	19-Jun-17	0%	-72d	142d						Snagging
Handover of Wor		A. D. Tiller A. Markelon A. F.O. D. and Day	0d	76d	14-Sep-16	15-Dec-16	00/	-109d						andover G/E to E8	kM Works (Zone #1 1.3 Part A Building
CC100690 CC100692	Handover G/F to E&M Works (Zone #1.1.3 Pa Handover G/F to E&M Works (Zone #1.1.4 Pa		Od Od	0d 0d	14-Sep-16		0%	-70d -80d							E&M Works (Zone #1.1.4 Part A - Building
CC100692 CC100700	Handover to E&M Works (Zone #1.1.4 Pa		0d 0d	0d	29-Sep-16 10-Nov-16		0%	-94d							r to E&M Works (Zone #1.2.1 Part A+ Bu
CC100700	Handover G/F to E&M Works (Zone #1.2.1 Part A	<u> </u>	0d	0d	07-Oct-16		0%	-94d							o E&M Works (Zone #1.2.2 Part A - Build
CC100840	Handover M/F to E&M Works (Zone #1.2.3 Pa		0d	0d	01-Dec-16		0%	-111d							over M/F to E&M Works (Zone #1.2.3 Pa
CC100850	Handover 1/F to E&M Works (Zone #1.2.4 Pa		0d	0d	15-Dec-16		0%	-109d						♦ Hai	ndover 1/F to E&M Works (Zone #1.2.4
Superstructure at	Grid 10-15/K.5-Q - Part C (Bunker & Influence Zor	ne)	171d 08-Dec-15 09-Jul-		15-Jun-16 A	18-Feb-17			183d						
G/F to M/F @+11 CC102100	.950 Underground Drainage Work (Part C)		35d 08-Dec-15 20-Jan- 18d 30-Dec-15 20-Jan-		15-Jun-16 A 18-Aug-16	07-Sep-16 07-Sep-16	0%		187d 187d				Unio	derground Drainag	ge Work (Part IC)
CC102141	Bay D1 G/F to M/F		Od	0d	15-Jun-16 A	25-Jul-16 A	100%						Bay D1 G/F		
CC102143	Bay E1 G/F to M/F		0d	0d	08-Jul-16 A	28-Jul-16 A	100%						Bay E1 G/	to M/F	
CC102144	Bay F1 - Pre-Anoxic Tank, Balancing Tank 1 8	2, Sludge Holding Tank	Od	9d	30-Jun-16 A	27-Aug-16	20.07%	-70d					Bay F	1 - Pre-Anoxic Ta	nk, Balancing Tank 1 & 2, Sludge Holding
CC102145	Bay G1 - G/F to M/F		0d	0d	24-Jun-16 A	14-Jul-16 A	100%						Bay G1 - G/F	to M/F	
CC102146	Bay H - Aeration Tank, Oil Separation Tank, W	ater Storage Tank and Vehicle Wash Plant Room	0d	7d	13-Jul-16 A	25-Aug-16	32.41%	11d					Bay H	I - Aeration Tank, (Oil Separation Tank, Water Storage Tank
CC102160	Bay I1 - WWTP MCC Room & Air Blower & Pu	Imp Station	16d 08-Dec-15 28-Dec	-15 10d	18-Aug-16*	29-Aug-16	0%	-89d	198d			-	Bay I	1 - WWTP MCC F	Room & Air Blower & Pump Station
M/F to 1/F @+17 CC102200	.200 Bay D2 M/F to 1/F - with Temporary Openings		17d 19-Jan-16 06-Feb- 17d 19-Jan-16 06-Feb-		15-Jul-16 A 26-Jul-16 A	30-Nov-16 12-Aug-16 A	100%		241d 150d				Bay D2	M/F to 1/F - with T	emporarly Openings
CC102202	Bay E2 M/F to 1/F		Od	7d	29-Jul-16 A	25-Aug-16	65%	-57d	\dashv				: : : : :	2 M/F to 1/F	
CC102204	Bay F2 & F3 G/F to 1/F @+13.500		Od	13d	29-Aug-16	12-Sep-16	0%	-70d					■ Ba	y F2 & F3 G/F to	I/F @+13.500
CC102206	Bay G2 M/F to 1/F		Od	3d	15-Jul-16 A	20-Aug-16	91.67%	-71d					Bay G	2 M/F to 1/F	
CC102208	Bay I2 M/F to 1/F		Od	19d	30-Aug-16	21-Sep-16	0%	-89d					================================	3ay I2 M/F to 1/F	
CC102210	Construct Roof at Temporary Opening at +17.	20mP.D.	Od	15d	14-Nov-16	30-Nov-16	0%	-43d						Const	truct Roof at Temporary Opening at +17.2
Roof and Parape CC102240	Bay D3 Roof to Parapet @+22.150		12d 10-Mar-16 23-Mar- 12d 10-Mar-16 23-Mar-		13-Aug-16 A 13-Aug-16 A	26-Sep-16 19-Sep-16	20.59%	-71d -68d	151d 145d	.				Da Da C	
CC102240 CC102250	Bay E3 Roof to +20.350		0d 0d	12d	26-Aug-16	08-Sep-16	20.59%	-57d					: : : : :	Bay D3 Roof to Par y E3 Roof to +20.3	
CC102270	Bay G3 Pre-Treatment and CAPCS MCC Roo	m Roof @+22.150	0d	30d	22-Aug-16	26-Sep-16	0%	-71d							tment and CAPCS MCC Room Roof @+2
ABWF Works	,		155d 29-Dec-15 09-Jul-		31-Aug-16	18-Feb-17	. , .		183d						
CC102260	Clearance of Internal Area of G/F (Part C)		6d 29-Dec-15 05-Jan-		31-Aug-16	28-Sep-16	0%		217d					Clearance of Inte	rnal Area of G/F (Part C)
CC102280	Erect bamboo working platform at Internal Are	a of G/F (Part C)	12d 06-Jan-16 19-Jan-		22-Sep-16	06-Oct-16	0%		211d			4	<u> </u>		vorking platform at Internal Area of G/F (F
CC102300	ABWF Works at G/F (Part C)		24d 20-Jan-16 19-Feb	16 42d	07-Sep-16	28-Oct-16	0%	-95d	205d					ABWF Worl	ks at G/F (Part C)
et:v1.4_up_17Aug1	6	Primary Baseline	Activity	Critic	cal 💠	. Δ.	tual Milesto	ne R	seline: Contr	ract Programme for	The Design and C	onstruction Works	Day	ge 25 of 40	0 print: 27-Aug-16
	0061-A, Date: 27-Aug-2016	♦ ♦ Baseline Milestone	,		al Work	* / 10		V V			55.g.i aiia 0		ا امر	₃ 0	© Oracle Corp

Environmental Protection of the HKSAR	n Department			Contract										Coi	ntract F	rogram	me Pr	ogres	s Upda			_
				Waste T		ent Facil														OSCA	R BIOEN	:RG\
Activity ID	Activity Name		BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % To Complete	otal Float Varia BL P		Feb Mar Apr May	2015 Jun Jul	Aug Sep C	ct Nov De	c Jan Feb Ma	20 r Apr May Jun	Jul Aug S	ep Oct Nov	Dec Jan Feb	Mar Apr M	2017 ay Jun Jul A	ug Ser
CC102320	Clearance of Internal Area of Mezz Lev. & 1/F	F (Part C)	9d 01-Mar-16	10-Mar-16	9d	22-Sep-16	03-Oct-16	0%		167d					7			Clearan	e of Internal Area	a of Mezz Lev	& 1/F (Part C)	
CC102340	Erect bamboo working platform at Internal Are	ea of Mess Lev. & 1.F (Part C)	12d 11-Mar-16	24-Mar-16	12d	04-Oct-16	18-Oct-16	0%	-76d	167d					J-	•		= Erect	bamboo working	platform at In	ternal Area of Me	ss Lev
CC102360	ABWF Works at M/F, 1/F and R/F (Part C)		40d 29-Mar-16	17-May-16	67d	19-Oct-16	07-Jan-17	0%	-88d	194d									ABWF	Norks at M/F,	1/F and R/F (Pa	rt¢)
CC102370	Rermoval of Scaffolding and Working Platform	m (Part C)	0d	17-May-16	0d		07-Jan-17	0%	-79d	194d					(♦			◆ Rermov	al of Scaffoldi	ng and Working	atfom
CC102380	External and Remaining ABWF Works (Part 0	C)	85d 24-Mar-16	09-Jul-16	85d	05-Nov-16	18-Feb-17	0%	-72d	183d					1		-	_		External and I	Remaining ABWI	Work
Handover of Works CC101800	s to E&M Handover G/F to E&M Works (Zone #1.1.1 P	Part C - SBT Area)	56d 04-Feb-16 0d	18-Apr-16	90d 0d	30-Jul-16 A 30-Jul-16 A	09-Jan-17	100%	-18d	218d							♦ Hando	over G/F to E8	M Works (Zone	#1.1.1 Part C	- SBT Area)	
CC101802	` `	Part C - Building 1 - Pre-treat. Area Grid K-Q/11-15)	0d		0d	28-Sep-16		0%	-84d									Handove	G/F to E&M Wo	rks (Zone #1.	1.6 Part C - Buil	ding 1 -
CC101804	Handover G/F to E&M Works (Zone #1.1.7 P	<u> </u>	0d		0d	06-Oct-16		0%	-95d								} 	◆ Handov	er G/F to E&M W	orks (Zone #	1.1.7 Part C - Bu	ilding 1
7 CC101806	Handover G/F to E&M Works (Zone #1.1.8 P	· ·	0d		0d	20-Sep-16		0%	-64d									◆ Handover	G/F to E&M Work	ks (Zone #1.1	.8 Part ¢ - Buildi	ng 1 - A
B CC102400	Handover G/F to E&M Works (Zone #1.1.9 P	·	0d 04-Feb-16		0d	29-Oct-16		0%	-94d	216d								♦ Har	dover G/F to E&I	M Works (70	ne #1 1 9 Part:C	- Buildi
CC102410	· ·	art C - Building 1 - CAPCS Area & MCC Rooms - Grid	0d		0d	26-Oct-16		0%	-88d	-					,			1 1	dover 1/F to E&M	1 1	1 1 1	
CC102415	L-Q/12-15, +17.350) Handover 1/F to E&M Works (Zone #1.2.6 Page 1.2.6 Page 1.		0d		0d	02-Nov-16		0%	-64d									♦ Ha	ndover 1/F to E&I	M Works (Zo	ne #1.2.6 Part C	- Buildi
1 CC102420	Handover 1/F to E&M Works (Zone #1.2.7 Pa	,	0d 18-Apr-16		0d	09-Jan-17		0%		218d					<u></u>	+	 		◆ Handov	er 1/F to F&M	l Works (Zone #	1,27 P
2 Steel Roof & Covered		5 ,	112d 24-Oct-15	09-Mar-16	88d	07-Sep-16	21-Dec-16			235d						*						
3 Steel Roof and Cove		y Structural Stockwork	112d 24-Oct-15	09-Mar-16	88d	07-Sep-16	21-Dec-16	00/	-88d	235d 225d							<u>-</u>					
		y Graditural Otobiwork	77d 24-Oct-15	25-Jan-16	43d	07-Sep-16	29-Oct-16	0%		225d 235d					7			Fab	ricate & Deliver F		u vvalkway Stru	rural S
CC102230	Erect Covered Walkway		6d 03-Mar-16	09-Mar-16	45d	31-Oct-16	21-Dec-16	0%	-88d	2000	<u> </u>	ļļ				+ - -	ļ <u>ļ.</u> ļ.ļ		Erect Roof Erect Covered	1 1		
CC102290	Erect Covered Walkway		0d	00 0-1 40	25d	31-Oct-16	28-Nov-16	0%	-68d	1674												
Green Roof			60d 29-Jul-16 60d 29-Jul-16	08-Oct-16 08-Oct-16	60d 60d	20-Feb-17 20-Feb-17	06-May-17 06-May-17		-72d	167d 167d										_		
9 CC102450	Green Roof and Planting Preparation Works	(Zone #1)	24d 29-Jul-16	25-Aug-16	24d	20-Feb-17	18-Mar-17	0%	-72d	167d							 		- -	Green R	oof and Planting	Prépara
CC102460	Green Roof and Planting Works (Zone #1)		18d 26-Aug-16	15-Sep-16	18d	20-Mar-17	10-Apr-17	0%	-72d	167d							 +	•		1 1	en Roof and Plar	7
CC102470	Green Roof Landscape Softworks (Zone #1)		18d 17-Sep-16	08-Oct-16	18d	11-Apr-17	06-May-17	0%	-72d	167d					L			+		_	Green Roof Lar	ds¢ape
	ing & Facilities - Zone #2		506d 23-May-15	04-Feb-17	252d	16-Jun-15 A	26-Jun-17		92d	<mark>114d</mark> 114d												
Composting Building For Location at Grid			506d 23-May-15 54d 23-May-15	04-Feb-17 28-Jul-15	252d 25d	16-Jun-15 A 16-Jun-15 A	26-Jun-17 15-Sep-16			114d 339d												
CC103100	Excavation by Open Cut		21d 23-May-15	17-Jun-15	0d	16-Jun-15 A	15-Jul-15 A	100%		-22d	-		xcavation by	Open Cut								
CC103120	Tank slabs and walls		15d 18-Jun-15	07-Jul-15	0d	12-Aug-15 A	16-Oct-15 A	100%		-85d		+		Tank slat	s and walls							
CC103140	Installation of Ground Beams and Slabs		18d 08-Jul-15	28-Jul-15	0d	25-Aug-15 A	19-Oct-15 A	100%		-69d		-	; ;	Installatio	n of Ground Bea	ms and Slabs						
8 CC103160	Underground Drainage Work		15d 08-Jul-15	24-Jul-15	25d	04-Jul-16 A	15-Sep-16	0%	319d	342d		-	-					Undergrour	d Drainage Work			
9 For Location at Grid 0 CC103180	d 1-5/C-G Excavation by Open Cut		39d 25-Jul-15 21d 25-Jul-15	08-Sep-15 18-Aug-15	38d 0d	03-Jul-15 A 03-Jul-15 A	03-Oct-16 17-Sep-15 A	100%	306d	316d -26d				cavation by	Onen Clit	+						
1 CC103200	Installation of Ground Beams and Slabs		18d 19-Aug-15		Od	18-Sep-15 A	09-Nov-15 A	100%		-50d				<u> </u>	}	Beams and Slabs	ļ <u>.</u>					
2 CC103220	Underground Drainage Work		15d 19-Aug-15	04-Sep-15	38d	10-Jun-16 A	03-Oct-16	0%	306d	319d			II	IIISta	ilation of Ground	Jeans and Slabs		Undergr	ound Drainage W	lork		
General			416d 09-Sep-15	04-Feb-17	252d	15-Oct-15 A	26-Jun-17		80d	114d			7		+			Ondergr	Juna Dramage V	OIR		
CC103240	Backfilling works		26d 09-Sep-15	10-Oct-15	0d	15-Oct-15 A	11-Nov-15 A	100%		-26d			-	Back	filling works							
5 CC103260	Walls & Columns G/F to 1/F		58d 31-Oct-15	09-Jan-16	0d	06-Nov-15 A	13-Apr-16 A	100%		-74d				-		Walls & Colu	umns G/F to 1	/F				
CC103280	Superstructure - 1/F Slab & Beams		27d 30-Dec-15	30-Jan-16	0d	16-Nov-15 A	13-Apr-16 A	100%		-56d				+		Superstruct	ure - 1/F Slab	& Beams				
7 CC103300	Superstructure - 1/F to Roof		15d 01-Feb-16	20-Feb-16	0d	07-Mar-16 A	12-May-16 A	100%		-65d						Supers	tructure - 1/F	to Roof				
8 CC103305	Fabricate & deliver Structural Steelwork for B	Building #2 Covered Walkway	0d		37d	25-Aug-16*	08-Oct-16	0%	76d									Fabrica	te & deliver Struc	tural Steelwor	k for Building #2	Cdvere
9 CC103310	Erect Steelwork for Building #2 Covered Walk	kway	0d		37d	11-Oct-16	22-Nov-16	0%	76d										Erect Steelwork	for Building #2	2 Covered Walk	vay
0 CC103315	Fabricate & deliver Structural Steelwork for B	Building #2 Steel Roof	0d		37d	25-Aug-16*	08-Oct-16	0%	17d								-	Fabrica	te & deliver Struc	tural Steelwor	k for Building #2	Steel R
CC103318	Erect Steelwork for Building #2 Steel Roof		0d		60d	11-Oct-16	19-Dec-16	0%	17d			1							Erect Steek	work for Build	ng #2 Steel Roo	
CC103320	Clearance		6d 18-Feb-16	24-Feb-16	15d	26-Mar-16 A	03-Sep-16	71%	317d	157d					- ,	+		Clearance				
3 CC103360	Internal Finishing Works		39d 10-Mar-16	28-Apr-16	54d	22-Jul-16 A	22-Oct-16	47.02%	-72d	145d						₩	 	Inter	nal Finishing Wor	ks		
CC103380	Erect Bamboo Working Platform for External	Finishing Works	12d 10-Mar-16	23-Mar-16	12d	18-Aug-16	31-Aug-16	0%	-36d	130d					-	\		Erect Bamboo	Working Platform	n for External	Finishing Works	
CC103400	External Finishing Works		43d 24-Mar-16	19-May-16	43d	01-Sep-16	24-Oct-16	0%	-36d	130d						<u> </u>		Exte	nal Finishing Wo	rks		
CC103420	ABWF Work		40d 05-Jan-16	23-Feb-16	60d	13-Jul-16 A	29-Oct-16	10.75%	-41d	203d		†						AB\	VF Work			
CC103440	Remaining ABWF Work		71d 24-Feb-16	23-May-16	95d	31-Oct-16	24-Feb-17	0%	19d	227d					4 -			-		Remaining A	BWF Work	
CC103480	Green Roof and Planting Preparation Works		77d 29-Jul-16	29-Oct-16	77d	13-Dec-16	18-Mar-17	0%	-78d	114d						-	-			Green R	oof and Planting	Prepar
CC103500	Green Roof and Planting Works		26d 31-Oct-16	29-Nov-16	26d	20-Mar-17	22-Apr-17	0%	-78d	114d								_		G	een Roof and P	anting \
CC103520	Green Roof Landscape Softworks		26d 30-Nov-16	31-Dec-16	26d	24-Apr-17	25-May-17	0%	-78d	114d									_	-	Green Roof	_andsc
1 CC103600	Snagging on Zone #2 ABWF works		26d 03-Jan-17	04-Feb-17	26d	26-May-17	26-Jun-17	0%	-78d	114d						1-1-					Snagg	ng on 2
2 Handover of Works			0d 23-May-16	23-May-16	52d	20-Jul-16 A	22-Oct-16		1d	126d												
CC100740	Handover to E&M Works (Zone #2.1.1 - Build	ding 2 Leachate Tank Roof)	0d		0d		20-Jul-16 A	100%									Handov	erto E&M/Wo	ks (Zone #2.1.1	- Building 2 Le	eachate Tank Ro)(tc
roject:v1.4_up_17Aug16 ef.:WS-OSC-00-0-TM-00	061-A, Date: 27-Aug-2016	Primary Baseline ♦ Baseline Milestone	Activit Milest	•	Critic	cal 🔷	• Ac	ctual Milesto	one B		act Programme	e for The	e Design	and Co	nstruction \	Vorks	F	Page 26	of 40		: 27-Aug-1 Dracle Corp	

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR OSCAR BIOENERGY JV Organic Waste Treatment Facilities Phase 1 Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Ju 1474 CC100750 Handover to E&M Works (Zone #2.1.2 - Building 2 Process Hall Roof - Grid C-D/4-5) dover to E&M Works (Zone #2.1.3 - Building 2 Process Hall Grid C-E) 1475 CC100760 Handover to E&M Works (Zone #2.1.3 - Building 2 Process Hall Grid C-E) 0d 26-Jul-16 A 100% over to E&M Works (Zone #2.1.# - Building 2 Process Hall Grid E+G) 1476 CC100770 Handover to E&M Works (Zone #2.1.4 - Building 2 Process Hall Grid E-G) 26-Jul-16 A 100% Handover to E&M Works (Zone #2.1.5 - Building 2 MCC Room) 1477 CC100780 Handover to E&M Works (Zone #2.1.5 - Building 2 MCC Room) 31-Aug-16 0% -14d ♦ Handover to E&M Works (Zone #2.1.6 - Building 2 Pipe Gallery) 1478 CC100790 33d Handover to E&M Works (Zone #2.1.6 - Building 2 Pipe Gallery) 31-Aug-16 ♦ Handover to E&M Works (Zone #2.1.7 - Building 2 Roof) 1479 CC100800 Handover to E&M Works (Zone #2.1.7 - Building 2 Roof) 0d 43d 31-Aug-16 0% Handover to E&M Works (Zone #2.1.8 - Building 2 Composting Tunnel) 1480 CC100810 Handover to E&M Works (Zone #2.1.8 - Building 2 Composting Tunnel) 0% 19d 19-Aug-16' ♦ Handover to E&M Works (Zone #2.1.9 - Dewatering Area - 1/F) 1481 CC100820 Handover to E&M Works (Zone #2.1.9 - Dewatering Area - 1/F) 15-Sep-16* 0% -17d 1482 CC103460 Handover to E&M Works (Zone #2.1.10 - Building 2 Other Remaining Area) 22-Oct-16 0% -72d ◆ Handover to E&M Works (Zone #2.1.10 - Building 2 Other Rema 1483 11-Feb-17 -100d Link Bridge (Zone #2.2) 166d 31-Oct-15 25-May-16 134d -214 30-Aug-16 1484 11-Feb-17 1485 CC104100 Fabricate & deliver Structural Steelwork 05-Mar-16 24-Oct-16 -73d Fabricate & deliver Structural Steelwork 1486 CC104120 Installation of Bearing Support for Link Bridge at Bldg 1 & 2 Installation of Bearing Support for Link Bridge at Bldg 1 & 2 12d 03-Mar-16 12d 11-Nov-16 24-Nov-16 0% -100d -206 1487 CC104140 Erect Steelwork for Link Bridge 18d 17-Mar-16 26d 25-Nov-16 24-Dec-16 0% -100d -214 Erect Steelwork for Link Bridge 1488 CC104160 ABWF Works at Link Bridge 36d 12-Apr-16 -100d -214 25-May-16 28-Dec-16 11-Feb-17 0% ABWF Works at Link Bridge 1489 Handover of Works to E&M 0d 25-May-16 25-May-16 11-Feb-17 100d -2140 1490 CC104180 Handover to E&M Works at Link Bridge (Zone #2.2 - Link Bridge) 25-May-16 11-Feb-17 0% -100d -2140 ◆ Handover to E&M Works at Link Bridge (Zor 1491 1492 Energy Centre (Building # 3/Zone #3.1) 102d 30-Oct-15 03-Mar-16 65d 24-Mar-16 A 04-Nov-16 279d -200 1493 1494 CC105100 Excavation for Bldg #3.1 & Cogen Units 18d 30-Oct-15 20-Apr-16 A 100% Raft Fou 1495 CC105120 Raft Foundations 10-Dec-15 100% 18d 20-Nov-15 08-Jun-16 A -1430 21-Apr-16 A 1496 CC105140 Foul Drainage Connections 11d 11-Dec-15 23-Dec-15 13d 18-Aug-16 01-Sep-16 0% 331d -203 Foul Drainage Connections 1497 CC105160 Slab at G/F Bldg #3 11d 24-Dec-15 22-Jun-16 A 23-Jul-16 A t G/F Blda #3 Bay A1 G/F to LR/F Level +11.40 (Slab) 1498 CC105170 Bay A1 G/F to LR/F Level +11.40 (Slab) Οd 25-Jul-16 A 19-Aug-16 47% 342d 1499 CC105180 Bay B1 G/F to LR/F Level +11.95 (Slab) 5d 09-Jan-16 14-Jan-16 18-Jul-16 A 0% -148d 26-Aug-16 Bay B1 G/F to LR/F Level +11.95 (Slab) 1500 CC105200 Bay A2 & B2 G/F to LR/F Level +12.80 (Trench) 6d 15-Jan-16 21-Jan-16 12d 27-Aug-16 09-Sep-16 0% -148d Bay A2 & B2 G/F to LR/F Level +12.80 (Trench) CC105240 Bay A3 & B3 LR/F to UR/F Level +17.15 6d 29-Jan-16 04-Feb-16 -141d Bay A3 & B3 LR/F to UR/F Level +17,15 11d 30-Sep-16 0% 19-Sep-16 1502 CC105260 Dog House (+18.6mPD) 5d 05-Feb-16 13-Feb-16 13d 03-Oct-16 18-Oct-16 0% -141d -201 Dog House (+18.6mPD) 1503 CC105280 28-Jan-16 27-Sep-16 0% -144d Backfilling Works 14d 10-Sep-16 1504 CC105300 Concrete Plinths / Walls / Trenches / Raised Floor 12d 29-Jan-16 15-Feb-16 17d 10-Sep-16 30-Sep-16 0% -144d -187 Concrete Plinths / Walls / Trenches / Raised Floor 1505 CC105320 16d 15-Feb-16 45d -144d 03-Mar-16 10-Sep-16 04-Nov-16 0% ABWF Works 1506 Handover of We 0d 03-Mar-16 47d 04-Nov-16 ◆ Handover to BS Works (Bldg #3/Zone #3.1.1 - CLP HV Switchroom) 1507 CC105330 Handover to BS Works (Bldg #3/Zone #3.1.1 - CLP HV Switchroom) 14-Sep-16 0% -148d ◆ Handover to E&M Works (Bldg #3/Zone #3.1.2 - CHP Area) 1508 CC105332 -83d Handover to E&M Works (Bldg #3/Zone #3.1.2 - CHP Area) ♦ Handover to E&M Works (Bldg #3/Zone #3.1.3 - Energy Centre 1509 CC105334 Handover to E&M Works (Bldg #3/Zone #3.1.3 - Energy Centre Roof) 04-Nov-16 0% -103d → Handover to E&M Works (Bldg #3/Zone #3.1.4)- Energy Centre 1510 CC105336 Handover to E&M Works (Bldg #3/Zone #3.1.4 - Energy Centre G/F) -103d 1511 CC105340 Handover to E&M Works (Bldg #3/Zone #3.1.5 - Energy Centre Other Remaining Area) 0d 03-Mar-16 04-Nov-16 0% -110d -200 Handover to E&M Works (Bldg #3/Zone #3.1.5 - Energy Centre 1512 1513 129d 13-May-15 15-Oct-15 04-May-15 A 29-Oct-15 A Mobilization and Pre-drilling for AD Tank Socketed Steel-H Piles (16 Nos.) 1514 CC106050 48d 13-May-15 04-May-15 A 02-Jun-15 A 100% Mobilization and Pre-drilling for AD Tank Socketed Steel-H Piles (1515 CC106100 Installation of Pre-bored Socketed Steel-H Piles (64 Nos.) 64d 21-May-15 06-Aug-15 21-May-15 A 17-Aug-15 A 100% nstallation of Pre-bored Socketed Steel-H Piles (64 Nos.) Proof Drilling 1516 CC106120 Proof Drilling 24d 07-Aug-15 03-Sep-15 31-Aug-15 A 05-Sep-15 A 100% Pile Load Test 1517 CC106140 24d 07-Aug-15 03-Sep-15 28-Aug-15 A 100% 1518 CC106160 Excavation 37d 01-Sep-15 15-Oct-15 0d 07-Sep-15 A 29-Oct-15 A 100% 1519 71d 16-Oct-15 22-Dec-15 A 1520 CC106180 AD Pump Room 1 17d 16-Oct-15 05-Nov-15 12-Oct-15 A 24-Nov-15 A 100% AD Tank 1 1521 30-Nov-15 A 1522 AD Tank 2 CC106220 AD Tank 2 18d 27-Nov-15 17-Dec-15 26-Oct-15 A 10-Dec-15 A 100% 1523 CC106240 AD Tank 3 22-Dec-15 A AD Tank 3 63d 12-Jan-16 31-Mar-16 1524 General 41d 07-Dec-15 A 06-Oct-16 1525 CC106260 Backfilling to pile cap 21d 12-Jan-16 04-Feb-16 0d 23-Dec-15 A 03-Feb-16 A Backfilling to pile cap 1526 CC106280 AD Pump Room 24d 12-Jan-16 11-Feb-16 06-Jan-16 A 18-Feb-16 A 100% 1527 CC106300 AD plinths 24d 29-Jan-16 29-Feb-16 AD plinths 24-Mar-16 A 100% 1528 CC106320 ABWF for Pump Buildings 18d 19-Feb-16 10-Mar-16 14-Sep-16 06-Oct-16 0% -95d -170c ABWF for Pump Buildings 1529 CC106340 Foul Drain Connection 21d 05-Feb-16 03-Mar-16 21d 18-Aug-16 10-Sep-16 0% -75d Foul Drain Connection Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works Page 27 of 40 print: 27-Aug-16 11:52 Project:v1.4 up 17Aug16 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

e HKSAR			Organic	. Waste '	Treatmen	t Facilit	ties Phas	se 1							•	e Progress Updated	CAR BIOENERG
Activity ID		Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Tot	tal Float Var				2015		2016		2017
CC10	06360	Boundary Wall (Wall Stem)	24d 05-Feb-16	07-Mar-16		7-Dec-15 A	06-Jan-16 A	Complete 100%		Finish Nov	Dec J	n Feb Mar Ap	or May Jun Jul Aug	Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Boundary Wall (Wall Ster	Aug Sep Oct Nov Dec Jan Feb Mar Ap	May Jun Jul Aug Se
	06380	Bund Wall	24d 01-Mar-16	31-Mar-16		7-Dec-15 A	06-Jan-16 A	100%		67d					<u>.i.</u> iiiii	<u> </u>	
		Concrete Plinths / Walls / Trenches	12d 23-Feb-16	07-Mar-16		01-Mar-16 A	05-Apr-16 A	100%		-21d					Bund Wall		
		ABWF Works								-21u					Concrete Plinths / \	Wals / Frenches	
			15d 08-Mar-16	24-Mar-16		21-Mar-16 A	05-Apr-16 A	100%	04.1						ABWF Works		
	lover of Works 06440	Handover to E&M Works (Zone #3.2.1 - AD Tanks 1 & 2)	0d 24-Mar-16 0d	24-Mar-16 24-Mar-16	21d 0	05-Apr-16 A	07-Oct-16 05-Apr-16 A	100%	-81d	-159d -6d					Handover to E&M \	Works (Zone #3.2.1 - AD Tanks 1 & 2)	
CC10	06450	Handover to E&M Works (Zone #3.2.2 - AD Tanks 3)	0d		0d		23-Jul-16 A	100%							•	Handover to E&M Works (Zone #3.2.2 - AD Tan	ks 3)
CC10	06455	Handover to E&M Works (Zone #3.2.2 - SBT)	0d		0d		30-Jul-16 A	100%		-						♦ Handover to E&M Works (Zone #3.22 - SBT)	
CC10	06460	Handover to E&M Works (Zone #3.2.3 -Jet Mixing Pump Rooms)	0d		0d		12-Sep-16*	0%	-95d	-						♦ Handover to E&M Works (Zone #3.2.3	-Jet Mixing Pump Rooms)
	06470	Handover to E&M Works (Zone #3.2.4 - Centriguge Feed Pump Room)	0d		0d		07-Oct-16*	0%	-81d							◆ Handover to E&M Works (Zone #	3.2.4 - Centriguge Feed Pur
	nia Stripper (Zo		96d 11-Jul-15	03-Nov-15	0d 0	05-Jun-15 A	08-Sep-16		-103d	-252d							
			96d 11-Jul-15	03-Nov-15	0d 0	05-Jun-15 A	16-Mar-16 A		1000	-109d						† • <mark>†</mark> • • • • • •	1
	07050	Pre-drilling for Ammonia Stripper Socketed Steel-H Piles (3 Nos.)	15d 11-Jul-15	28-Jul-15	0d 0	05-Jun-15 A	08-Jun-15 A	100%		41d			-		Stripper Socketed Steel-H Piles (3 Nos.)		
CC1	07100	Installation of Pre-bored Socketed Steel-H Piles (6 Nos.)	21d 07-Aug-15	31-Aug-15	0d 1	14-Aug-15 A	22-Sep-15 A	100%		-19d				Installation of P	re-bored Socketed Steel-H Piles (6 Nos	9	
		Proof Drilling	7d 01-Sep-15	08-Sep-15	0d 3	31-Aug-15 A	05-Sep-15 A	100%		2d				Proof Drilling			
CC10	07140	Pile Load Test	12d 09-Sep-15	22-Sep-15	0d 2	25-Aug-15 A	29-Oct-15 A	100%		-29d			<u> </u>	Pile Load	d Test		
CC10	07160	Excavation	6d 23-Sep-15	30-Sep-15	0d 14	4-Nov-15 A	16-Nov-15 A	100%		-38d	[Exca	vation		
CC10	07180	Pile Cap	21d 02-Oct-15	27-Oct-15	0d 0	7-Nov-15 A	12-Mar-16 A	100%		-112d					Pile Cap		
CC1	07200	Backfilling to pile cap / Plinth	6d 28-Oct-15	03-Nov-15	0d 1	14-Mar-16 A	16-Mar-16 A	100%		-109d				4	Backfilling to pile cap /	Plinth	
	lover of Works		0d 03-Nov-15			08-Sep-16	08-Sep-16	***	-103d	-252d							
	07220	Handover to E&M Works (Zone #3.3 - Ammonia Stripper)	0d	03-Nov-15	0d		08-Sep-16*	0%	-103d	-252d				 		◆ Handover to E&M Works (Zone #3.3 - /	Ammonia Stripper)
CAPCS	S Stack (inside	Building 1)	308d 10-Sep-15 308d 10-Sep-15	23-Sep-16 23-Sep-16)2-Sep-15 A)2-Sep-15 A	23-Dec-16 23-Dec-16		-33d -33d	-76d -76d							
CC10	08160	Excavation (Raft Footing - Refer to Building #1)	15d 10-Sep-15	26-Sep-15	0d 0	02-Sep-15 A	12-Dec-15 A	100%		-63d			•		Excavation (Raft Footing - Refer to Bull	ding #1)	
CC1	08180	Raft Footing - Refer to Building #1	21d 29-Sep-15	24-Oct-15	0d 0	7-Mar-16 A	30-Apr-16 A	100%		-152d				-	Raft Footing -	Refer to Building #1	
CC1	08220	Erect structural steel support for CAPCS duct (Refer to Building 1)	18d 26-Nov-15	16-Dec-15	30d	22-Oct-16	25-Nov-16	0%	-39d	-279d						Erect structural steel sup	port for CAPCS duct (Refe
CC1	08260	ABWF Work	24d 26-Aug-16	23-Sep-16	24d	26-Nov-16	23-Dec-16	0%	-33d	-76d						ABWF Work	
Hando	lover of Works		0d 16-Dec-15	16-Dec-15	0d	29-Nov-16	29-Nov-16		-33d	-282d							
		Handover to E&M Works (Zone #3.4 - CAPCS Stack)	0d	16-Dec-15	0d		29-Nov-16	0%	-33d	-282d				≪		Handover to E&M Work	Zone #3.4 - CAPCS Stac
	Cleaning & Sto	orage Tank (Zone #3.5)	118d 01-Sep-15 60d 01-Sep-15	22-Jan-16 12-Nov-15		7-Sep-15 A 7-Sep-15 A	24-Nov-16 26-Sep-16		262d -57d	-249d -258d							
		Excavation (pile cap at AD Tank Area)	12d 01-Sep-15	14-Sep-15		77-Sep-15 A	15-Oct-15 A	100%	574	-25d			· i · · · i · · · i · · · i · · · i · · · i	Excavation	(pile cap at AD Tank Area)		1
CC1	09120	Raft Foundations (pile cap at AD Tank Area)	18d 15-Sep-15	07-Oct-15	0d 1	12-Oct-15 A	24-Nov-15 A	100%		-40d				Raf	t Foundations (pile cap at AD Tank Area		
CC10	09140	Foul Drainage Connections	12d 08-Oct-15	22-Oct-15	12d	05-Sep-16*	19-Sep-16	0%	-57d	-270d						Foul Drainage Connections	
CC1	09160	Concrete Plinths	18d 23-Oct-15	12-Nov-15	18d	05-Sep-16	26-Sep-16	0%	-57d	-258d				\		Concrete Plinths	
CC1	09180	Backfilling Works	6d 06-Nov-15	12-Nov-15	6d	20-Sep-16	26-Sep-16	0%	-57d	-258d				_		■ Backfilling Works	
Desul	Iphurization Tan	ks	19d 16-Oct-15	07-Nov-15	4d 2	26-Oct-15 A	26-Sep-16		-57d	-262d						 	÷
CC10	09320	Excavation (pile cap at AD Tank Area)	6d 16-Oct-15	23-Oct-15	0d 2	26-Oct-15 A	04-Nov-15 A	100%		-10d				■ Excava	atlon (pile cap at AD Tank Area)	H	
CC1	09340	Raft Foundations (pile cap at AD Tank Area)	9d 24-Oct-15	03-Nov-15	0d 0	7-Nov-15 A	22-Dec-15 A	100%		-42d					Raft Foundations (pile cap at AD Tank	Area)	
CC1	09360	Concrete Plinths	4d 04-Nov-15	07-Nov-15	4d	22-Sep-16	26-Sep-16	0%	-57d	-262d						Concrete Plinths	
	as Holder / Bioga		81d 16-Oct-15	22-Jan-16		24-Mar-16 A	24-Nov-16		262d	-249d				\\	ļļļ <u>ļ</u>		ļļļļ
		Excavation to Biogas Holder / Biogas Plant	11d 16-Oct-15	29-Oct-15		24-Mar-16 A	23-Aug-16	60%	339d	-242d				-)		Excavation to Biogas Holder / Biogas Plan	'
		Raft Foundations	6d 30-Oct-15	05-Nov-15		27-Jun-16 A	15-Oct-16	25%	-82d	-279d				-		Raft Foundations	
		Underground Drainage Work	6d 06-Nov-15	12-Nov-15	6d	17-Oct-16	22-Oct-16	0%	-82d	-279d				-		Underground Drainage Work	
CC10	09260	R.C. structure of Plant Room	12d 13-Nov-15	26-Nov-15	20d	14-Oct-16	05-Nov-16	0%	-82d	-279d				H		R.C. structure of Plant Room	
CC10	09280	Clearance	4d 18-Dec-15	22-Dec-15	4d	07-Nov-16	10-Nov-16	0%	-82d	-261d				\ -		Clearance	
CC10	09300	ABWF Works	24d 23-Dec-15	22-Jan-16	30d	21-Oct-16	24-Nov-16	0%	-82d	-249d	[1,	-	ABWF Works	Tillillilli
	lover of Works		0d 22-Jan-16			31-Aug-16	27-Oct-16	***	-63d	-225d				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(
	09380	Handover to E&M Works (Zone #3.5.1 - Biogas Cleaning & Storage Tank)	0d	22-Jan-16	0d		27-Oct-16	0%	-63d	-225d						 Handover to E&M Works (Zor Handover to E&M Works (Zone #3.5.2 - 	1 1 1 1 1 1
		Handover to E&M Works (Zone #3.5.2 - Standby Flare & Carbon Filter)	0d		0d		31-Aug-16*	0%	-66d								
		Handover to E&M Works (Zone #3.5.3 - Biogas Booster & Biogas Dehumidifier	0d		0d		27-Oct-16	0%	-82d		ļļ.					◆ Handover to E&M Works (Zor	⊫, #J.D.;J - Bipgas Booster &
Weight	bridge (Zone #3	3.6)	106d 20-Nov-15 106d 20-Nov-15	01-Apr-16 01-Apr-16		29-Aug-16 29-Aug-16	23-Dec-16 23-Dec-16		-109d -109d	-220d -220d							
CC1	10100	Excavation	12d 20-Nov-15	03-Dec-15		29-Aug-16	03-Sep-16	0%	-97d	-222d				4		Excavation	
CC11	10120	Control Room Footing	9d 04-Dec-15	14-Dec-15	9d	05-Sep-16	14-Sep-16	0%	-97d	-222d				_		Control Room Footing	
CC11	10140	Wall, Floor Slab and Stair	15d 15-Dec-15	04-Jan-16	15d	30-Sep-16	19-Oct-16	0%	-109d	-234d				_	<i></i> ∤	Wall, Floor Slab and Stair	
CC11	10160	Wall and Roof Slab	15d 05-Jan-16	21-Jan-16	15d	20-Oct-16	05-Nov-16	0%	-109d	-234d						Wall and Roof Slab	+
				<u> </u>							<u> i </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
v1.4_up	_17Aug16	Primary Basel	ine Activit	у	Critical	♦	♦ Ac	tual Milesto	one E	aseline:	Con	ract Progra	amme for The De	sign and Cor	nstruction Works	Page 28 of 40	int: 27-Aug-16 11
_	_	61-A, Date: 27-Aug-2016		•	Actual \					1.4		5		-		9	© Oracle Corpora

nvironmental Protection for the HKSAR	оп рераптент			Contract I									C	ontract	Progra	mme P	rogress	s Updat	ed on 17	7-Aug-1
the HKSAK			Organic	Waste Tr	reatme	nt Facili	ties Phas	se 1											OSCAR BI	OENERG'
Activity ID	Activity Name		BL Project BL Project Duration Start		emaining Duration	Start	Finish	Activity % T Complete	otal Float Variand BL Pro Fir	ject Nov Doo Jon	Feb Mar Apr	2015 May Jun Jul	Aug Sep Oct Nov	Dec Jan Feb	Mar Apr May	2016 Jun Jul Aug	Sep Oct Nov	Dec Jan Feb M	2017 ar Apr May Jun	Jul Aug Se
CC110180	Parapet		6d 22-Jan-16	28-Jan-16	6d	07-Nov-16	12-Nov-16	0%		34d			,	-				rapet		
CC110200	Backfill and Formation		6d 29-Jan-16	04-Feb-16	6d	14-Nov-16	19-Nov-16	0%	-109d -2	34d				-			•	ackfill and Forma	ion	
CC110220	Concrete Structure for Weighbridge		17d 05-Feb-16	27-Feb-16	17d	21-Nov-16	09-Dec-16	0%	-109d -2	34d				-			-	Concrete Struc	ture for Weighbridg	je
CC110240	ABWF Work		26d 29-Feb-16	01-Apr-16	30d	19-Nov-16	23-Dec-16	0%	-109d -2	20d				\ \			- =	ABWF Work		
Handover of Work CC110260	ks to E&M Handover to E&M Works (Zone #3.6.2 - W	(eighbridge)	0d 01-Apr-16 0d	01-Apr-16 01-Apr-16	12d 0d	09-Dec-16	23-Dec-16 09-Dec-16	0%		20d 08d								♦ Upadovior to E	M Works (Zone#	+9 6 2 Woodbb
CC110280	Handover to E&M Works (Zone #3.6.1 - W		0d	01-Api-10	0d		23-Dec-16	0%	-109d	ood					*			1 1 1	E&M Works (Zone #	1 1 1
Miscellaneous Wor	· ·	ognizago consonicam,	451d 29-Jun-15	31-Dec-16		27-Sep-15 A	13-Jun-17	0,0		29d										
3m High Boundary	Wall (Type 2)		101d 08-Mar-16	12-Jul-16	81d	24-Mar-16 A	23-Nov-16	700/	263d -1	12d										.
CC111120	Excavation		43d 08-Mar-16	30-Apr-16		24-Mar-16 A	10-Sep-16	70%		10d							Excavation			
CC111140 CC111160	Footing and Wall		75d 08-Mar-16 26d 11-Jun-16	10-Jun-16	55d	05-Apr-16 A	24-Oct-16	56.14%	-44d -1	12d								ig and Wall		
	Backfilling			12-Jul-16	26d	25-Oct-16	23-Nov-16	0%	- 1						\	+		Backfilling		
Summary CC111220	Boundary Fence (Summary)		268d 02-Sep-15 48d 02-Jun-16	29-Jul-16 29-Jul-16	133d 81d	13-Nov-15 A 10-Jun-16 A	26-Jan-17 23-Nov-16	0%		49d 97d					<u></u>			Boundary Fence (Summary)	
CC111280	Sitewide Drainage (Summary)		146d 17-Sep-15	15-Mar-16	78d	13-Nov-15 A	19-Nov-16	12%	-106d -2	03d				<u></u>				itewide Drainage	Summary)	
CC111300	Sitewide Sewage (Summary)		149d 02-Sep-15	03-Mar-16	78d	13-Nov-15 A	19-Nov-16	15%	-106d -2	13d					-			itewide Sewage (Summary)	
CC111320	Sitewide Pipe Ducts, Trenches, Drawpits ar	nd Utilities (Summary)	142d 05-Dec-15	01-Jun-16	70d	10-Aug-16 A	10-Nov-16	0%	-92d -1	34d					\ ,		Sit	ewide Pipe Ducts,	Trenches, Drawpit	s and Utilities (S
CC111340	Site Roadworks (Summary)		47d 02-Jun-16	28-Jul-16	92d	07-Oct-16	26-Jan-17	0%	-95d -1	50d								Site R	adworks (Summar	rý)
Location Near Buil			0d		117d	27-Sep-15 A	07-Jan-17		23d					<u> </u>						
CC113100	Boundary Fence - Type1, 2 & 3 (Part 1)		Od		41d	18-Aug-16	06-Oct-16	0%	73d									/ Fence - Type1, 2		
CC113150	Excavate for Drainage and Sewage (Part 1)		0d		12d	13-Nov-15 A	31-Aug-16	85%	-64d				-					ainage and Sewa		
CC113200	Install Pipes and Construct Manholes for Dr	rainage and Sewage (Part 1)	0d		25d	05-Dec-15 A	15-Sep-16	79.17%	-71d										nholes for Drainage	and Sewage (F
CC113250	Testing of Drainage and Sewage (Part 1)		0d		30d	05-Apr-16 A	22-Sep-16	60%	-88d							-		rainage and Sewa		
CC113300	Backfilling of Drainage and Sewage (Part 1)		0d		37d	11-Apr-16 A	30-Sep-16	25%	-89d									of Drainage and S		
CC113350	Complete M/H STM-1 & Connect to Existing	500mm Trapezoidal Channel	Od		60d	17-Sep-16	28-Nov-16	0%	23d								- 1 1 1		M-1 & Connect to I	1 []
CC113400	Testing of M/H STM-1, STM-2 & Pipeworks		0d		12d	29-Nov-16	12-Dec-16	0%	23d								•	1 7 1	STM-1, STM-2 & F	
CC113450	Backfilling to M/H STM-1, STM-2 & Pipewor	ks	Od		20d	13-Dec-16	07-Jan-17	0%	23d										to M/H \$TM-1, STI	
CC113500	Sitewide Pipe Ducts, Trenches, Drawpits an	nd Utilities (Part 1)	0d		47d	10-Aug-16 A	14-Oct-16	23.5%	-93d							- 1	Sitewid	e Pipe Ducts, Trer	ches, Drawpits and	JUtilities (Part 1
CC113550	Site Roadworks (Part 1)		0d		35d	07-Oct-16	17-Nov-16	0%	-57d								s	ite Roadworks (P	art 1)	
CC113600	Second Site Access - Application of Excava	ntion Permit	0d		0d	27-Sep-15 A	04-Nov-15 A	100%					Se	cond Site Acces	s - Application of E	xcavation Perm	t			
CC113650	Second Site Access -Excavation Permit Ob	tained	0d		0d		05-Nov-15 A	100%					♦ Se	cond Site Acces	ss -Excavation Per					
CC113700	Second Site Access - Temp. Traffic Manage	ement, Road Diversion and Civil Works	0d		0d	18-Mar-16 A	01-Apr-16 A	100%							Second S	ite Access - Ten	p. Traffic Manage	ement, Road Dive	sion and Civil Work	(S
CC113750	Second Site Access - Available for use		0d		0d		01-Apr-16 A	100%							Second S	ite Access - Ava	lable for use			
Location Near Buil CC114100	idng 1 Fence Wall (Part 2) Boundary Fence - Type1 (part 2)		Od Od		97d 48d	20-Apr-16 A 27-Sep-16	12-Dec-16 23-Nov-16	0%	247d 33d					ļļ <u>.</u>				Boundary Fence -	Type1 (part 2)	
CC114150	Excavate for Drainage and Sewage (Part 2)		0d		25d	20-Apr-16 A	15-Sep-16	72%	319d	_							1 1 1	Drainage and Se		
CC114200	Install Pipes and Construct Manholes for Dr		0d		30d	25-Apr-16 A	22-Sep-16	49.5%	314d	_									anholes for Drainag	ge and Sewage
CC114250	Testing of Drainage and Sewage (Part 2)	amago and comago (rait 2)	0d		36d	18-Jul-16 A	29-Sep-16	38%	-78d	-								Drainage and Sev	age (Part 2)	
CC114300	Backfilling of Drainage and Sewage (Part 2)		0d		50d	18-Aug-16	18-Oct-16	0%	-78d	-									d Sewage (Part 2)	
CC114350	Sitewide Pipe Ducts, Trenches, Drawpits ar		0d		24d	30-Sep-16	29-Oct-16	0%	-82d					 	 				enches, Drawpits a	
CC114400	Site Roadworks (Part 2)	· · · · · · · · · · · · · · · · · · ·	0d		47d	19-Oct-16	12-Dec-16	0%	-78d	-								Site Roadwork		
	Building 1 & AD Farm (Part 3)		0d		113d	18-Aug-16	03-Jan-17	370	-75d											
CC115100	Excavate for Drainage and Sewage (Part 3)		0d		45d	18-Aug-16*	12-Oct-16	0%	-91d								Excava	te for Drainage an	d Sewage (Part 3)	
CC115150	Install Pipes and Construct Manholes for Dr	rainage and Sewage (Part 3)	0d		45d	25-Aug-16	19-Oct-16	0%	-91d								Install	Pipes and Constru	ct Manholes for Dr	ainage and Sew
CC115200	Testing of Drainage and Sewage (Part 3)		0d		45d	01-Sep-16	26-Oct-16	0%	-91d					i i i i i i	Tilli		Testi	ng of Drainage and	Sewage (Part 3)	
CC115250	Backfilling of Drainage and Sewage (Part 3)		0d		30d	27-Sep-16	02-Nov-16	0%	-91d	1							Bac	kfilling of Drainage	and Sewage (Part	3)
CC115300	Sitewide Pipe Ducts, Trenches, Drawpits an	nd Utilities (Part 3)	0d		30d	05-Oct-16	09-Nov-16	0%	-91d								Sit	ewide Pipe Ducts,	Trenches, Drawpit	s and Utilities (P
CC115350	Site Roadworks (Part 3)		0d		70d	11-Oct-16	03-Jan-17	0%	-75d	7							-	Site Road	orks (Part 3)	
	Building 1 & Building 3 (Part 4)		43d 16-Mar-16	10-May-16	133d	15-Apr-16 A	26-Jan-17	001	23d -2					ļļļ					_	ļļi
CC111240	Gate House	DNA Warks	43d 16-Mar-16	10-May-16	43d	29-Oct-16	17-Dec-16	0%		84d				l l r				Gate House		
CC111260	Handover of Zone #3.7 - Gate House for E&	XIVI VV OFKS	0d	10-May-16	0d	10 1 10 1	17-Dec-16	0%		84d					*			1 1 1	Cone #3.7 - Gate Ho Type 1 & 4 (Part 4	1 1 1
CC116100	Boundary Fence - Type 1 & 4 (Part 4)		0d		38d	10-Jun-16 A	24-Nov-16	60%	74d	_							- 1 1 1	or Drainage and		
CC116150	Excavate for Drainage and Sewage (Part 4)		0d		34d	15-Apr-16 A	27-Sep-16	78%	-87d											ane and Source
CC116200	Install Pipes and Construct Manholes for Dr	rainage and Sewage (Part 4)	0d		35d	05-May-16 A	30-Sep-16	42.9%	-87d							1 1	install Pipe	ss and Construct	Manholes for Draina	ige and sewage
ect:v1.4_up_17Aug16 WS-OSC-00-0-TM-0	5 0061-A, Date: 27-Aug-2016	Primary Baseline ♦	Activity Activity Milesto	,	Critica Actua	al 🔷	◆ Ac	tual Milest	tone Ba	seline: Contra 4	act Program	nme for The	Design and	Construction	on Works		Page 29	of 40		Aug-16 11: e Corporat

	SAR	n Department					P/SP/61/		1					Cont	ract i rogi	amme	riogress op		17-Aug-1
Δcti	ivity ID	Activity Name		Organic	BL Project	Treatm Remaining	ent Facil	tties Pha		Total Float Va	riance -		2015	5		2016			R BIOENERGY
7.00				Duration Start	Finish	Duration	Otari		Complete	BL	Project No Finish	ov Dec	Ian Feb Mar Apr May Jun J	Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr Ma	ay Jun Jul A	Aug Sep Oct Nov Dec Jan	Feb Mar Apr Ma	ay Jun Jul Aug Sep
	CC116210	Complete M/H STM-2 & Connect to Existing 3r	<u> </u>	0d		25d	18-Aug-16*	15-Sep-16											1 1 1 1
	CC116250	Complete Terminal Foulwater M/H and Connec	t to Existing 225mm Tapping Sewer	0d		22d	08-Jul-16 A	12-Sep-16	100%	-72d							Complete Terminal Foul		1 1 7 1
	CC116300	Testing of Drainage and Sewage (Part 4)		0d		68d	16-May-16 A	08-Nov-16	45%	-112d					•			ainage and Sewage	
Ш	CC116350	Backfilling of Drainage and Sewage (Part 4)		0d		78d	20-Jun-16 A	19-Nov-16	32%	-116d							Backfilling	of Drainage and Sew	/age (Part 4)
	CC116400	Sitewide Pipe Ducts, Trenches, Drawpits and U	Jtilities (Part 4)	0d		70d	18-Aug-16	10-Nov-16	6 0%	-116d								: : : :	Drawpits and Utilities (Pa
	CC116450	Drawpits for CLP Lead-in Cables		0d		0d	20-Jul-16 A	30-Jul-16 A	100%								Drawpits for CLP Lead-in Cable	S	
Ш	CC116460	Drawpits for CLP Lead-in Cables (Remaining a	t Part 4)	0d		24d	01-Aug-16 A	14-Sep-16	42.9%	-96d							Drawpits for CLP Lead	in Cables (Remainir	ng at Part 4)
1	CC116500	Water Meter Cabinet Construction		0d		30d	20-Sep-16	26-Oct-16	6 0%	-68d							Water Meter Ca	binet Construction	
ш	CC116550	Site Roadworks (Part 4)		0d		55d	21-Nov-16	26-Jan-17	7 0%	-95d								Site Roadworks (P	art 4)
		Terrain (Sbpeworks)		433d 29-Jun-15	08-Dec-16	125d	23-Oct-15 A	13-Jun-17		-79d	-147d								
	CC111100	Tree felling and transplanting (Excl. Natural Ter	rain)	24d 29-Jun-15	27-Jul-15	0d	23-Oct-15 A	26-Oct-15 A	100%		-75d		-	Tree felling	and transplanting (Excl.	Natural Terrain	4		
	CC111110	Tree felling and transplanting (Natural Terrain -	if any)	24d 23-Nov-15	19-Dec-15	24d	10-Jan-17	09-Feb-17	7 0%	-28d	-335d						_	Tree felling and	transplanting (Natural To
	CC111360	NTH Mitigation works		77d 13-Jul-16	13-Oct-16	77d	07-Jan-17	11-Apr-17	7 0%	-79d	-147d					1 1 -	++	NTH	Mitigation works
	CC111390	Snagging on Zone #4 Work & NTH Mitigation	Vork	48d 14-Oct-16	08-Dec-16	48d	12-Apr-17	13-Jun-17	7 0%	-79d	-147d				l l l			-	Snagging on Zon
	Landscaping Work	Dranaration works		129d 29-Jul-16	31-Dec-16	129d	13-Dec-16	25-May-17		-52d	-114d -114d							<u> </u>	
	CC111380	Preparation works		77d 29-Jul-16	29-Oct-16	77d	13-Dec-16	18-Mar-17		-78d								<u> </u>	on works
	CC111400	Planting works (incl. Compensatory Tree Planti	ng)	26d 31-Oct-16	29-Nov-16	26d	20-Mar-17	22-Apr-17		-52d	-114d							: : : <u>:</u>	inting works (Incl. Comp
	CC111420	Landscape Softworks		26d 30-Nov-16	31-Dec-16	26d	24-Apr-17	25-May-17		-52d	-114d				<u> </u>				Landscape Softwork
	Roadworks at Porti	on 2 Portion 2 Works - Application of Permit		145d 15-Apr-16 0d	07-Oct-16	122d 0d	18-Jan-16 A 18-Jan-16 A	13-Jan-17 08-Jun-16 A		-84d	-80d					Portion 2	Works - Application of Permit		
	CC111430	Portion 2 Works - Permit Obtained		0d		0d		08-Jun-16 A									Works - Permit Obtained		
Ш	CC111435	Portion 2 Works - Temp. Traffic Management (in Stagos) Summory	0d		122d	04-Jul-16 A	13-Jan-17		-84d								ortion 2 Works - Te	mp. Traffic Managemen
ı	CC111440		in Stages) - Summary		20 Jul 40						4254								
Ш		Utitilities Diversion - Summary		86d 15-Apr-16	28-Jul-16	118d	04-Jul-16 A	09-Jan-17		-84d	-135d							fitlities Diversion - Si	
Ш	CC111460	Road Construction - Summary		102d 07-Jun-16	07-Oct-16	79d	11-Oct-16	13-Jan-17		-84d	-80d				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			load Construction -	Summary
	CC111480	Removal of Abandoned Sewer Pipes		0d		19d	04-Jul-16 A	08-Sep-16	67.24%	-80d							Removal of Abandoned		
Ш	CC111500	Construct Gully and Associated Pipes		0d		43d	15-Aug-16 A	08-Oct-16	10.42%	-84d							Construct Gully an		
П	CC111520	Connection of FS Main, Fresh Water Main & F	lushing Water Main by Authority or Others	0d		39d	18-Aug-16	04-Oct-16	6 0%	-80d									ain & Flushing Water Ma
	CC111540	Realign Kerbs for Pavement		0d		18d	11-Oct-16	31-Oct-16	6 0%	-84d							Realign Kerbs	for Pavement	
	CC111560	Construct of New Concrete Footpath Pavemen	nt and Reinstatement of Verge	0d		32d	24-Oct-16	29-Nov-16	6 0%	-54d							Construc	t of New Concrete F	ootpath Pavement and
1	CC111580	Bitument Pavement Reconstruction		0d		54d	24-Oct-16	24-Dec-16	6 0%	-70d							Bitur	ent Pavement Reco	onstruction
1	CC111600	Reinstate the Clogged Pipeline		0d		68d	24-Oct-16	13-Jan-17	7 0%	-84d								einstate the Clogge	d Pipeline
ш	CC111620	Relocation of Fire Hydrant and Street Lamp by	by Authority or Others	0d		54d	09-Nov-16	13-Jan-17	7 0%	-84d							J	Relocation of Fire Hy	drant and Street Lamp t
٠	STATUTORY AND	UTILITIES WORKS		457d 23-Mar-15	06-Oct-16	208d	19-Mar-15 A	04-May-17	7	136d	-167d								
г		and Energization - CLP		117d 03-Mar-16	27-Jul-16	138d	14-Sep-16	04-Mar-17	7	182d	-180d								
Ι,				117d 03-Mar-16 117d 03-Mar-16	27-Jul-16 27-Jul-16	138d 138d	14-Sep-16 14-Sep-16	04-Mar-17 04-Mar-17		182d 182d	-180d -180d							ļ ļ ļ	
Ш	SW250100	Handover of CLP HV Switchroom to BS		0d	03-Mar-16	0d	14-3ер-10	14-Sep-16		-148d	-159d						◆ Handover of CLP HV S	witchroom to BS	
ı	SW250120	Building services installation in CLP HV Switch	room	38d 04-Mar-16	21-Apr-16	16d	15-Sep-16	05-Oct-16	6 0%	-148d	-137d				<u> </u>		Building services in	stallation in CLP HV	Switchroom
ı	SW250140	Handover CLP HV Switchroom to CLP		0d	21-Apr-16	0d		05-Oct-16	6 0%	-148d	-137d						♦ Handover CLP HV	Switchroom to CLP	
	SW250160	CLP to install HV Switch Boards		90d 22-Apr-16	20-Jul-16	90d	06-Oct-16	03-Jan-17	7 0%	-180d	-167d				/ <u>`</u> _		1 1 1 1 1	P to install HV Switc	h Boards
Н	SW250170	Handover Cable Drawpit to CLP (No.45-DH-00	01 to 007)	0d		6d	15-Sep-16	22-Sep-16		-96d							Handover Cable Drav	1 1 1 1	1 1 1 1
	SW250175	CLP to install Lead-in Cables	,	0d		32d	23-Sep-16	01-Nov-16		-96d							CLP to install I	ead-in Cables	
	SW250173	Handover Associated cable duct to CLP (No.4)	5-DH-001 to 007)	6d 31-Mar-16	07-Apr-16	6d	15-Sep-16	22-Sep-16		-90d	-139d						Handover Associated		No 45-DH 001 007
	SW250200	CLP to install HV cables		26d 08-Apr-16	09-May-16	26d	30-Sep-16	01-Nov-16		-96d	-145d						CLP to install		140.40-217-001 (0 00/)
				·	· ·						-145u								0.0
	SW250220	Submit WR1 to CLP and CLP inspection		6d 10-May-16	17-May-16	6d	05-Jan-17	11-Jan-17		-148d								ubmit WR1 to CLP a	
	SW250240	CLP install energy meter and energize power		6d 21-Jul-16	27-Jul-16	6d	12-Jan-17	18-Jan-17		-148d	-144d					-			neter and energize powe
	SW250260	CLP install Phasor Measurement Units (PMU)		0d		22d	08-Feb-17	04-Mar-17		182d								CLF Install I	inpoor (vieasquement U
	LIft Installation - E	MSD		17d 05-Aug-16 17d 05-Aug-16	29-Aug-16 29-Aug-16	17d 17d	14-Feb-17 14-Feb-17	08-Mar-17 08-Mar-17		-96d -96d	-130d -130d								
		1		17d 05-Aug-16	29-Aug-16	17d	14-Feb-17	08-Mar-17	7	-96d	-130d						<u> </u>		
	SW250500	Submit Form LE5 to EMSD		10d 05-Aug-16	18-Aug-16	10d	14-Feb-17	27-Feb-17		-96d	-130d					-	1	Submit Form	
	SW250520	EMSD Inspection		0d	18-Aug-16	0d		27-Feb-17		-96d	-130d						♦	◆ EMSD Inspe	
	SW250560	Lift Certificate (Use Permit) Obtained		0d	29-Aug-16	0d		08-Mar-17	7 0%	-96d	-130d						♦	◆ Lift Certifica	ate (Use Permit) Obtain
	Fire Services - FS	D		47d 01-Aug-16	06-Oct-16	75d		04-May-17		-105d	-139d								
ı				47d 01-Aug-16 47d 01-Aug-16	06-Oct-16 06-Oct-16	75d 75d	10-Jan-17 10-Jan-17	04-May-17 04-May-17		-105d -105d	-139d -139d						+		
			1	-												T	_	<u> </u>	
	.4_up_17Aug16		Primary Baseline		•	Criti		• • • • •	Actual Milest			ne: Cor	tract Programme for 1	The Design and Cons	truction Works		Page 30 of 40	1	27-Aug-16 11:
S-0	DSC-00-0-TM-00	061-A, Date: 27-Aug-2016		ne ♦ Milesto	one	Actu	ıal Work			Ι \	/1.4					1		l ©C	Pracle Corporati

Environmental P of the HKSAR	Protection	n Department			Contract									Contrac	t Program	me Progr	ess Update	ed on 17-Aug
					c Waste		ent Facili											OSCAR BIOENER
# Activity ID		Activity Name		BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Tot Complete	al Float Variar BL Pr			015 Jul Aug Sep Od	ct Nov Dec Jan Fe	eb Mar Apr May Jur	Jul Aug Sep Oct	Nov Dec Jan Feb M	2017 ar Apr May Jun Jul Aug
7 SW25	251020	DG Inspection		0d	01-Aug-16	0d		10-Jan-17	0%		111d					♦	DG Inspe	ction
8 SW25	251040	DG Re-inspection		0d	15-Aug-16	0d		24-Jan-17	0%	-97d -	111d					4	◆ DG Re	
9 SW25	251060	DG Certificate Obtained		0d		0d		23-Feb-17	0%	-97d								G Certificate Obtained
0 SW25	251100	Re-submit Form FS314		10d 16-Aug-16	29-Aug-16	10d	08-Mar-17	21-Mar-17	0%	-105d -	139d					<u> </u>	LLLLL	Re-submit Form FS314
01 SW25	251140	Submit Form FS501 (with FS251)		10d 16-Aug-16	29-Aug-16	10d	08-Mar-17	21-Mar-17	0%	-105d -	139d						•	Submit Form FS501 (with FS
02 SW25	251160	FSD Inspection		0d	29-Aug-16	0d		21-Mar-17	0%	-105d -	139d					♦		FSD Inspection
03 SW25	251180	FSD Re-inspection		0d	12-Sep-16	0d		04-Apr-17	0%	-105d -	139d					♦		FSD Re-inspection
04 SW25	251200	F.S. Approval Certificate		17d 13-Sep-16	06-Oct-16	17d	06-Apr-17	04-May-17	0%	-105d -	139d							F.S. Approval Certific
05 Plumbin 06	oing - WSD			75d 01-Jun-16	30-Aug-16		01-Aug-16 A	07-Mar-17		-126d -	153d	ļļļ				ļ <u>ļ.</u> ļ		
07				75d 01-Jun-16 75d 01-Jun-16	30-Aug-16 30-Aug-16	164d 164d	01-Aug-16 A 01-Aug-16 A	07-Mar-17 07-Mar-17			153d 153d				`			
08 SW25	251980	Submit Form WW046 Part I & II- Application f	for Installation (FS Water Supply)	0d		0d		01-Aug-16 A	100%							1 11 1		tion for Installation (FS Water \$
09 SW25	251985	Obtain Form WWO 46 Part III from WSD (FS	S Water Supply)	0d		12d	02-Aug-16 A	29-Aug-16	57.14%	-26d						Obtain Fo		WSD (FS Water Supply)
10 SW25	251990	WSD Connection to Water Meter Cabinet		0d		60d	27-Oct-16	25-Dec-16	0%	-83d					_	<u> </u>	WSD Conne	ction to Water Meter Cabinet
	252000	Submit Form WW046 Part IV - Request for In	nspection (FS Water Supply)	0d	01-Jun-16	0d		05-Jan-17	0%	-105d -	148d				*		Submit For	m WW046 Part IV - Request fo
2 SW25	252020	WSD inspection and reinspection (FS Water	Supply)	21d 02-Jun-16	04-Jul-16	21d	05-Jan-17	06-Feb-17	0%	-105d -	148d					<u>+</u>	wsc	inspection and reinspection (F
3 SW25	252040	Form WW046 Part V (FS Water Supply)		21d 05-Jul-16	02-Aug-16	21d	07-Feb-17	07-Mar-17	0%	-105d -	148d				4	 		Form WW046 Part V (F\$ Wate
14 SW25	252050	Submit Form WW046 Part I & II- Application f	for Installation (Fresh Water Supply)	Od		0d		18-Aug-16*	0%	-42d								lication for Installation (Fresh V
15 SW25	252060	Obtain Form WWO 46 Part III from WSD (Fe	esh Water Supply)	0d		28d	18-Aug-16	14-Sep-16	0%	-42d						Obtain	Form WWO 46 Part III f	om WSD (Fesh Water Supply)
16 SW25	252100	Submit Form WW046 Part IV - Request for II	nspection (Fresh Water Supply)	0d	30-Jun-16	0d		13-Dec-16	0%	-100d -	115d					♦	Submit Form V	W046 Part IV - Request for Ins
17 SW25	252120	WSD inspection and reinspection (Fresh Wa	ater Supply)	21d 04-Jul-16	01-Aug-16	21d	14-Dec-16	16-Jan-17	0%	-100d -	115d						WSD ins	pection and reinspection (Fres
18 SW25	252140	Form WW046 Part V (Fresh Water Supply)		21d 02-Aug-16	30-Aug-16	21d	17-Jan-17	16-Feb-17	0%	-100d -	115d						Foi	m WW046 Part V (Fresh Wate
19 Drainage	age - DSD			0d		60d	26-Nov-16	24-Jan-17		14d								
20				0d 0d		60d 60d	26-Nov-16 26-Nov-16	24-Jan-17 24-Jan-17		14d 14d						\		
	254100	Connection by DSD to Terminal Foulwater M	/H	0d		60d	26-Nov-16	24-Jan-17	0%	14d							Connec	tion by DSD to Terminal Foulwa
	ommunication	n		58d 02-Jun-16	10-Aug-16	40d	02-Dec-16	20-Jan-17			<mark>134d</mark>							
25				58d 02-Jun-16 58d 02-Jun-16	10-Aug-16 10-Aug-16	40d 40d	02-Dec-16 02-Dec-16	20-Jan-17 20-Jan-17			134d 134d							
	253100	Handover plant room and cable duct to Telec	om Company	5d 02-Jun-16	08-Jun-16	5d	02-Dec-16	08-Dec-16	0%		127d				(-		Handover plant	oom and cable duct to Telecon
27 SW25	253120	Telecom. Company to install cable and Equip	ment	43d 10-Jun-16	10-Aug-16	28d	09-Dec-16	20-Jan-17	0%	-75d -	112d						Telecon	. Company to install cable and
28 SW25	253130	PCCW Connection		0d		22d	29-Dec-16	19-Jan-17	0%	-108d							PCCW (Connection
Others	3			380d 23-Mar-15	03-Oct-16	62d	19-Mar-15 A	18-Jan-17		-29d	<mark>-73d</mark>							
30				380d 23-Mar-15 380d 23-Mar-15		62d 62d	19-Mar-15 A 19-Mar-15 A	18-Jan-17 18-Jan-17			-73d -73d					/		
32 SW26	260100	Registration of Pressure Vessels (Compress	ed Air / ASP)	20d 05-Sep-16	03-Oct-16	20d	29-Nov-16	28-Dec-16	0%	-15d	-59d				/	′	Registration	of Pressure Vessels (Compres
733 SW26	260120	Approval for installation of furnaces, ovens or	r chimneys	20d 24-Jun-16	22-Jul-16	20d	20-Oct-16	16-Nov-16	0%	-73d	-81d					 	Approval for installa	ion of furnaces, ovens or chim
34 SW26	260160	Chemical Waste Producer Registration (Site))	20d 23-Mar-15	22-Apr-15	0d	19-Mar-15 A	29-Apr-15 A	100%		-5d	Chemica	Waste Producer Re	egistration (Site)				
35 SW26	260162	Chemical Waste Producer Registration (Plan	nt)	20d 16-Jun-16	14-Jul-16	20d	19-Dec-16	18-Jan-17	0%	-87d -	129d					-	Chemica	l Waste Producer Registration
³⁶ METHO	OD STATEN	MENT (M.S.) OF E & M INSTALLATION	ON WORKS (INCL. RE-SUBMISSIONS)	0d		97d	08-Aug-15 A	22-Nov-16		-42d								
	ical & Contro	ol Systems		0d		69d	08-Aug-15 A	25-Oct-16		-24d								
738				0d 0d		69d 69d	08-Aug-15 A 08-Aug-15 A	25-Oct-16 25-Oct-16		-24d -24d								
	601100	Submit M.S. for Installation of HV Swtichboard	d, HV/LV Transformer and Earthing Transformer	0d		0d		26-Aug-16*	0%	-110d						1 111 1		vtichboard, HV/LV Transforme
41 MS601			board, HV/LV Transformer and Earthing Transformer	0d		46d	27-Aug-16	11-Oct-16	0%	-110d								ation of HV Switchboard, HV/L
	601400	Submit M.S. for Installation of LV Switchboard	d and MCC	0d		0d		02-Sep-16*	0%	-116d							I.S. for Installation of LV S	
	601500	IC Certifies M.S. for Installation of LV Switchb		0d		46d	03-Sep-16	18-Oct-16	0%	-116d								lation of LV Switchboard and M
	602000	Submit M.S. for Supply and Installation of Em		0d		0d		07-Jul-16 A	100%								pply and Installation of En	
	602100	IC Certifies M.S. for Installation of Emergency	y Genset	0d		36d	08-Jul-16 A	22-Sep-16	21.74%	-48d							ertifies M.S. for Installation	
	602300	Submit M.S. for Installation of Lightning Protein	ction System	0d		0d		26-May-16 A	100%								of Lightning Protection S	
7 MS602	602400	IC Certifies M.S. for Installation of Lightning P	Protection System	0d		0d	27-May-16 A	08-Jul-16 A	100%							:	Installation of Lightning	
MS602	602600	Submit M.S. for Installation of Cable		0d		0d		23-Aug-16*	0%	-127d							S. for Installation of Cable	
9 MS602	602700	IC Certifies M.S. for Installation of Cable		Od		46d	24-Aug-16	08-Oct-16	0%	-127d							Certifies M.S. for Installa	
MS603	603200	Submit M.S. for Installation of Control system	(SCADA Panel/LCP)	Od		0d		29-Aug-16*	0%	-113d						1 1 1 1		ol system (SCADA Panel/LCP)
51 MS603	603300	IC Certifies M.S. for Installation of Control sys	stem (SCADA Panel/LCP)	0d		46d	30-Aug-16	14-Oct-16	0%	-113d							C Certifies M.S. for Instal	ation of Control system (SCAD
52 MS603	603500	Submit M.S. for Installation of ELV System		0d		0d		29-Aug-16*	0%	-16d							S. for Installation of ELV	
753 MS603	603600	IC Certifies M.S. for Installation of ELV System	m	0d		46d	30-Aug-16	14-Oct-16	0%	-16d							C Certifies M.S. for Instal	ation of ELV System
Project:v1.4_up_1 Ref.:WS-OSC-00-	_	061-A, Date: 27-Aug-2016	Primary Baseline ♦ Baseline Milestone	Activi	•	Critic	cal •	◆ Ac	ctual Milesto	ne Ba	aseline: Contract .4	Programme for	r The Design	and Construct	ion Works	Page	31 of 40	print: 27-Aug-16 1 © Oracle Corpor

Environ of the H	mental Protectio KSAR	n Department			et No. EP/SP/61			Contract Programme Progress Updated on 17-Aug-16
		· · · · · · · · · · · · · · · · · · ·		Organic Waste				OSCAR BIOENERGY JV
# A	ctivity ID	Activity Name		BL Project BL Project BL Project Finish	Remaining Start Duration	Finish Activity % Tota Complete	I Float Variance - BL Project	To the late of th
1754	MS603800	Submit M.S. for Termination of Fiber Optic Cab	е	0d	0d	09-Sep-16* 0%	-27d	
1755	MS603900	IC Certifies M.S. for Termination of Fiber Optic	Cab le	0d	46d 10-Sep-16	25-Oct-16 0%	-27d	IC Certifies M.S. for Termination of Fiber Optic Cable
1756	MS604400	Submit M.S. for Installation of underground Ear	thing grid	0d	0d	08-Aug-15 A 100%		♦ Sûbmit M.S. for Installation of underground Earthing grid
1757	MS604500	IC Certifies M.S. for Installation of underground	Earthing grid	0d	0d 10-Aug-15 A	24-Aug-15 A 100%		□ IC Certifies M.S. for Installation of underground Earthing grid
1758	MS604700	Submit M.S. for Installation of Earthing System		0d	0d	09-Sep-16* 0%	-24d	◆ Submit M.S. for Installation of Earthing System:
1759	MS604800	IC Certifies M.S. for Installation of Earthing Sys	tem	0d	46d 10-Sep-16	25-Oct-16 0%	-24d	IC Certifies M.S. for Installation of Earthing System
1760	MS619200	Submit M.S. for Installation of Instrument		0d	0d	09-Sep-16* 0%	-120d	◆ Submit M.S. for Installation of Instrument
1761	MS619300	IC Certifies M.S. for Installation of Instrument		0d	46d 10-Sep-16	25-Oct-16 0%	-120d	C Certifies M.S. for Installation of Instrument
1762	Mechanical and P	Piping		0d	97d 02-Feb-16 A	22-Nov-16	-42d	
1763 1764				0d 0d	97d 02-Feb-16 A 97d 02-Feb-16 A	22-Nov-16 22-Nov-16	-42d -42d	
1765	MS611100	Submit M.S. for Installation of Anaerobic Diges	tion Tanks No. 1, 2, 3 and Suspension Buffer Tank	0d	0d	02-Feb-16 A 100%		♦ Submit M.S. for Installation of Anaerobic Digestion Tanks No. 1, 2, 3 and Suspension Buffer Tank
1766	MS611200	IC Certifies M.S. for Install. of AD Tanks No. 1,	2, 3 and Suspension Buffer Tank	0d	0d 03-Feb-16 A	23-Mar-16 A 100%		IC Certifies M.S. for Install. of AD Tanks No. 1, 2, 3 and Suspension Buffer Tank
1767	MS611400	Submit M.S. for Installation of Biogas Storage T	ank	0d	0d	23-Sep-16* 0%	-110d	◆ Submit M.S. for Installation of Biogas Storage Tank
1768	MS611500	IC Certifies M.S. for Installation of Biogas Stora	ge Tank	0d	46d 24-Sep-16	08-Nov-16 0%	-110d	IC Certifies M.S. for Installation of Biogas Storage Tank
1769	MS611700	Submit M.S. for Installation of Grab Crane		0d	Od	25-May-16 A 100%		◆ Subinit M.S. for Installation of Grab Crane
1770	MS611800	IC Certifies M.S. for Installation of Grab Crane		0d	0d 26-May-16 A	30-Jun-16 A 100%		IC Çer <mark>u</mark> ffes M.Ş. for İnstallation pf Grab Crane
1771	MS612000	Submit M.S. for Installation of Weighbridge		0d	0d	16-Sep-16* 0%	-75d	◆ \$ubmit M.S. for Installation of Weighbridge
1772	MS612100	IC Certifies M.S. for Installation of Weighbridge		0d	46d 17-Sep-16	01-Nov-16 0%	-75d	IC Certifies M.S. for Installation of Weighbridge
1773	MS612300	Submit M.S. for Installation of Vehicle Washing	System	0d	Od	06-Sep-16* 0%	-119d	◆ Submit M.S. for Installation of Vehicle Washing System
1774	MS612400	IC Certifies M.S. for Installation of Vehicle Wash	ning System	0d	46d 07-Sep-16	22-Oct-16 0%	-119d	IC Certifies M.S. for Installation of Vehicle Washing System
1775	MS612600	Submit M.S. for Installation of De-sulphurisation	System (exclude Biogas Storage Tank)	0d	0d	09-Aug-16 A 100%		→ Submit M.S. for Installation of De-sulphurjsation System (exclude Biogas Storage
1776	MS612700	IC Certifies M.S. for Installation of De-sulphuris	ation System (exclude Biogas Storage Tank)	0d	38d 10-Aug-16 A	24-Sep-16 17.39%	-72d	IC Certifies M.S. for Installation of De-sulphurisation System (exclude B
1777	MS612750	Submit M.S. for Installation of Pipe Racks and S	Supports	0d	0d	26-Sep-16* 0%	-114d	◆, Submit M,S. for Installation of Pipe Racks and Supports
1778	MS612800	IC Certifies M.S. for Installation of Pipe Racks a	and Supports	0d	25d 27-Sep-16	21-Oct-16 0%	-114d	IC Certifies M.S., for Installation of Pipe, Racks and Supports
1779	MS612802	Submit M.S. for Installation of Pipe Bridge	•	0d	0d	26-Sep-16* 0%	-105d	◆ Subjinit M.S. for Installation of Pipe Bridge
1780	MS612804	IC Certifies M.S. for Installation of Pipe Bridge		0d	46d 27-Sep-16	· .	-105d	IC Certifies M.S. for Installation of Pipe Bridge
1781	MS612900	Submit M.S. for Installation of Pre-treatment Sy	stem	0d	0d		-115d	♦ Submit M.S. for Installation of Pre-treatment System
1782	MS613000	IC Certifies M.S. for Installation of Pre-treatmer		0d	46d 27-Aug-16		-115d	IÇ Certifies M.S. for Installation of Pre-treatment System
1783	MS613120	Submit M.S. for Installation of Dewatering and C		0d	0d	04-Jul-16 A 100%	1100	Submit M.S. for Installation of Dewatering and Composting System
1784	MS613140			Od	2d 05-Jul-16 A		-14d	C Certifies M.S. for Installation of Dewatering and Composting System
1785	MS613200	IC Certifies M.S. for Installation of Dewatering a	nt (Part 1 - Wet Scrubbers and Ventri Scrubbers	Od	0d 05-341-16 A	-	-14u	♦ Submit M.S. for Installation of CAPCS equipment (Part 1 - Wet Scrubbers and Ventri Scrubbers are
1786	MS613300	area)	<u> </u>		•	28-Apr-16 A 100% 08-Jul-16 A 100%		C Certifies M.S. for Installation of CAPC\$ equipment (Part 1 - Wet Scrubbers and Ver
		area)	oment (Part 1 - Wet Scrubbers and Ventri Scrubbers		0d 29-Apr-16 A			♦ Submit M.S. for Install. of CAPCS eq. (Part 2 - Chemical scrubbers, activated carbon filters
1787	MS613400	extraction fans)	Chemical scrubbers, activated carbon filters & air 2 - Chemical scrubbers, activated carbon filters &	0d	0d	08-Jun-16 A 100%	00.1	IC Certifies M.S. for Install. of CAPC\$ eq. (Part 2 - Chemical scrubbers, acti
1788	MS613500	air extract. fans)	2 - Chemical scrubbers, activated carbon litters &	0d	14d 09-Jun-16 A	0	-62d	♦ Submit M.S. for Installation of Pipeline
1789	MS614700	Submit M.S. for Installation of Pipeline		0d	0d	01-Aug-16 A 100%		C Cettifies M.S. for Installation of Pipeline
1790	MS614800	IC Certifies M.S. for Installation of Pipeline		0d	30d 02-Aug-16 A		-92d	Submit (M.S. tor Installation of Pulmpset and Rotating Equipment
1791	MS615000	Submit M.S. for Installation of Pumpset and Rot		0d	0d	24-Jun-16 A 100%		
1792	MS615100	IC Certifies M.S. for Installation of Pumpset and		0d	23d 25-Jun-16 A		-112d	IQ Certifies M.S. for Installation of Pumpset and Rotating Equipment
1793	MS616500	Submit M.S. for Installation of Mechanical Supp		0d	0d	·	-108d	◆ \$ubmit M.S. for Installation of Mechanical Support and Structure I.C. Cortifies M.S. for Installation of Mechanical Support and Struct
1794	MS616600	IC Certifies M.S. for Installation of Mechanical S	support and Structure	0d	46d 16-Sep-16		-108d	IC Certifiès M.S. for Installation of Méchanical Support and Struct
1795	MS617100	Submit M.S. for Installation of FRP Ducting		0d	0d	15-Jun-16 A 100%		♦ Submit MS; for Installation of FRP;Ducting
1796	MS617200	IC Certifies M.S. for Installation of FRP Ducting		0d	0d 16-Jun-16 A			TC Defriffes M.S. for Installation of FRP/Ducting
1797	MS618000	Submit M.S. for Installation of CHP, Heat Recov		0d	0d	06-Sep-16* 0%	-84d	♦ Submit M.S. for Installation of CHP, Heat Recovery system
1798	MS618100	IC Certifies M.S. for Installation of CHP, Heat R	ecovery system	0d	46d 07-Sep-16		-84d	IC Certifies M.S. for Installation of CHP, Heat Recovery, system
1799	MS618110	Submit M.S. for Installation of Electric Heater		0d	0d	16-Sep-16* 0%	-75d	◆ Şubmit M.Si for İristallation of Electric Heater
1800	MS618120	IC Certifies M.S. for Installation of Electric Heat	er	0d	46d 17-Sep-16	01-Nov-16 0%	-75d	IC Certifies M.S. for Installation of Electric Heater
1801	MS618300	Submit M.S. for Installation of CEMS		0d	0d	28-Jul-16 A 100%		♦ State Miss. for Installation of CEMS:
1802	MS618400	IC Certifies M.S. for Installation of CEMS		0d	26d 29-Jul-16 A	12-Sep-16 43.48%	29d	IÇ Cerţifies M.S. for Installation of ÇEMS
1803	MS618520	Submit M.S. for Installation of CHP & ASP Stack		0d	0d	30-Sep-16* 0%	-99d	♦ Sutrimit M.S. for Installation of CHP & ASP \$tack
1804	MS618540	IC Certifies M.S. for Installation of CHP & ASP \$	Stack	0d	46d 01-Oct-16	15-Nov-16 0%	-99d	IC Certifies M.S. for Installation of CHP & ASP Stack
1805	MS618600	Submit M.S. for Installation of Ammonia Strippin	g Plant	0d	0d	12-Apr-16 A 100%		♦ Submit M.S. for Installation of Ammonia Stripping Plant
	1.4_up_17Aug16 -OSC-00-0-TM-0	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	Primary Baseline	Activity Milestone	Critical • Actual Work	◆ Actual Milestor	ne Base	eline: Contract Programme for The Design and Construction Works Page 32 of 40 print: 27-Aug-16 11:52 © Oracle Corporation

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 Variance - BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1806 IC Certifies M.S. for Installation of Ammonia Stripping Plant ◆ Submit M.S. for Installation of Lifting Appliance 1807 MS618900 Submit M.S. for Installation of Lifting Appliance 0d 0% -72d 09-Sep-163 IC Certifies M.S. for Installation of Lifting Appliance 1808 MS619000 IC Certifies M.S. for Installation of Lifting Appliance 10-Sep-16 25-Oct-16 0% -72d Submit M.S. for Installation of Tank 1809 MS619500 Submit M.S. for Installation of Tank -104d 09-Sep-16* 0% IC Certifies M.S. for Installation of Tank 1810 10-Sep-16 25-Oct-16 Submit M.S. for Labeling of Equipment, Valve and Instrument 1811 MS619800 Submit M.S. for Labeling of Equipment, Valve and Instrument 0d 07-Oct-16* -123d 0% IC Certifies M.S. for Labeling of Equipment, Valve and Instrur 1812 MS619900 IC Certifies M.S. for Labeling of Equipment, Valve and Instrumen 08-Oct-16 22-Nov-16 0% -123d omit M S. for Installation of Tiles 1813 MS620100 Submit M.S. for Installation of Tiles 15-Jun-16 A 100% IC Certifies M.S. for Installation of Tiles 1814 MS620200 IC Certifies M.S. for Installation of Tiles 28-Jun-16 A 100% 1815 **Building Services** 1816 12-May-16 A 15-Nov-16 -116d 1817 0d 90d 12-May-16 A 15-Nov-16 -116d Submit M.S. for Installation of MVAC System Submit M.S. for Installation of MVAC System 30-Sep-16' 0% IC Certifies M.S. for Installation of MVAC System 1819 MS525500 IC Certifies M.S. for Installation of MVAC System Οd 46d 01-Oct-16 15-Nov-16 0% -116d Submit M.S. for Installation of Lift 1820 12-May-16 A 100% IC Certifies M.S. for Installation of Lift 1821 MS526400 IC Certifies M.S. for Installation of Lift 0d 30d 13-May-16 A 16-Sep-16 34.78% -74d 1822 ◆ Submit M.S. for Installation of Lifting Platform Submit M.S. for Installation of Lifting Platform 15-Sep-16' -104d IC Certifies M.S. for Installation of Lifting Platform 1823 IC Certifies M.S. for Installation of Lifting Platforn MS526600 46d 16-Sep-16 31-Oct-16 0% -104d 1824 E & M INSTALLATION WORKS 1825 Waste Receiving, Storage and Feeding System 120d 04-Feb-16 05-Jul-16 -98d 1826 173d 04-Jul-16 A 17-Mar-17 120d 04-Feb-16 05-Jul-16 1827 04-Jul-16 A -98d -210 1828 Runway support manufacturing and delivery 1829 EM100100 24d 18-Apr-16 17-May-16 30d 0% -52d Installation of Overhead Grabbing System (with Temp. Opening on slab) 08-Oct-16 12-Nov-16 1830 EM180100 32d 02-Apr-16 32d 10-Dec-16 -84d Installation of Weighbridge System 1 1831 Installation of Weighbridge System 2 EM180150 Installation of Weighbridge System 2 32d 12-May-16 20-Jun-16 32d 20-Jan-17 01-Mar-17 0% -84d -208 1832 EM180200 Installation of Computer System 66d 02-Apr-16 17-Mar-17 -98d -220 Installation of Computer System 1833 EM180250 18d 12-May-16 0% -66d Cable Tray Laving Works 02-Jun-16 61d 12-Nov-16 25-Jan-17 Cable Tray Laying Works Local Control Panel / Switch 1834 FM180260 Local Control Panel / Switch 45d 01-Dec-16 25-Jan-17 0% -66d 1835 EM180300 26d 03-Jun-16 05-Jul-16 12-Dec-16 08-Feb-17 -66d Cabling Works 45d 0% Cabling Works Completion of E&M Install 1836 EM180350 Completion of E&M Installation of Waste Receiving, Storage and Feeding System 05-Jul-16 17-Mar-17 0% -98d -210 1837 EM190100 Vehicle Washing System 50d 04-Feb-16 09-Apr-16 44d 29-Oct-16 19-Dec-16 0% -94d -210 Vehicle Washing System Bin Handling Machine 1838 EM190110 50d 29-Oct-16 -94d High Jet Water Spray Gun System 1839 EM190120 High Jet Water Spray Gun System 0d 50d 29-Oct-16 28-Dec-16 0% -94d Waste Recieving System Pipework (with Supports 1840 EM190170 Waste Recieving System Pipework (with Supports) 53d 07-Jan-17 0% -99c 1841 155d 04-Feb-16 07-Feb-17 Pre-Treatment System 1842 Pre-Treatment System 155d 04-Feb-16 15-Aug-16 1064 28-Sep-16 07-Feb-17 204d 1843 155d 04-Feb-16 15-Aug-16 106d 28-Sep-16 07-Feb-17 204d 1844 Installation of Reception Hopper 1 and Screw Conveyors 0% 18d 18-Apr-16 02-Nov-16 04-Nov-16 -32d Installation of Reception Hopper 1 and Screw Conveyors 1845 EM100200 Installation of Crusher No.1 12d 10-May-16 24-May-16 06-Oct-16 08-Oct-16 0% -16d -1140 Installation of Crusher No.1 EM100250 Installation of Reception Hopper 2 and Screw Conveyors 12d 10-May-16 11-Oct-16 13-Oct-16 0% -16d Installation of Reception Hopper 2 and Screw Convey 1847 EM100300 Installation of Crusher No.2 18d 25-May-16 15-Jun-16 28-Sep-16 03-Oct-16 0% -14d Installation of Crusher No.2 1848 ■ Installation of Piston Pump No.1 Installation of Piston Pump No.1 05-Nov-16 0% -32d Installation of Piston Pump No.2 1849 EM100302 Installation of Piston Pump No 2 Οd 4d 28-Sen-16 03-Oct-16 0% -14d Installation of Central Sump Pump 1850 EM100350 Installation of Central Sump Pump 18d 16-Jun-16 07-Jul-16 17-Nov-16 -37d 18d 28-Oct-16 0% Installation of Lobe Pump 1851 EM100351 Installation of Lobe Pump 21-Oct-16 10-Nov-16 0% -31d Installation of Macerators 1852 EM100352 Installation of Macerators 17-Oct-16* 05-Nov-16 0% -27d Installation of Int. Suspension Buffer Tank Jet Mixer 1853 EM100353 Installation of Int. Suspension Buffer Tank Jet Mixe 18d 17-Oct-16* 05-Nov-16 0% -27d Installation of Bollfilter EM100354 -27d Installation of Bollfilter 17-Oct-16* 05-Nov-16 0% Installation of Centrifuge Pumps 1855 EM100356 Installation of Centrifuge Pumps 27-Oct-16 16-Nov-16 0% -36d Installation of Vertical Mixer 1856 EM100358 07-Feb-17 -101d 14-Jan-17* 0% Installation of Platform (Pre-treatment) 1857 EM100362 Installation of Platform (Pre-treatment) Οd 18d 14-Nov-16 03-Dec-16 0% -51d 1858 EM100364 Installation of Control Panels (Pre-treatment) -66d Installation of Control Panels (Pre-treatment 01-Dec-16 21-Dec-16 0% Installation of Mixing Tank No.1 1859 EM100370 Installation of Mixing Tank No.1 12-Oct-16* 15-Oct-16 0% -94d 1860 EM100400 Installation of Sieve Drum No.1 28d 04-Feb-16 10-Mar-16 3d 17-Oct-16 19-Oct-16 0% -73d Installation of Sieve Drum No.1 Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works Page 33 of 40 print: 27-Aug-16 11:52 Project:v1.4 up 17Aug16 Activity Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

nmen HKSA		n Department					P/SP/61/		4			Contract Programme Progress Updated on 17-Aug-
A otivity I	ID	LActivity Nama		<u> </u>			ent Facil	ities Pha		Total Float Vari	onoo	OSCAR BIOENERG 2015 2016 2017
Activity I	ID .	Activity Name		BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	FIIIISII	Activity % T	Total Float Vari BL F	Project No	roject Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr May Apr
	EM100420	Installation of Mixing Tank No.2		0d		4d	12-Oct-16*	15-Oct-16	6 0%	-94d		■ Installation of Mixing Tank No.2
	EM100450	Installation of Sieve Drum No.2		28d 11-Mar-16	16-Apr-16	3d	20-Oct-16	22-Oct-16	6 0%	-39d	-155d	155d Installation of Sieve Drum No.2
	EM100500	Installation of Sand Grit Trap No 1		12d 18-Apr-16	30-Apr-16	5d	17-Oct-16	21-Oct-16	6 0%	-43d	-142d	-142d
	EM100550	Installation of Sand Grit Trap No 2		12d 03-May-16	17-May-16	5d	20-Oct-16	25-Oct-16	6 0%	288d	-133d	133d Installation of Sand Grit Trap No 2
	EM100600	Installation of Heavy/ Light Fraction Screw No	1	12d 18-May-16	31-May-16	3d	21-Oct-16	24-Oct-16	6 0%	-51d	-120d	-120d Installation of Heavy/ Light Fraction Screw No 1
	EM100650	Installation of Heavy/ Light Fraction Screw No 2	2	12d 01-Jun-16	15-Jun-16	3d	22-Oct-16	25-Oct-16	6 0%	-41d	-109d	-109d Installation of Heavy/Light Fraction Screw No 2
	EM100660	Installation of Belt Conveyor		0d		12d	24-Oct-16	05-Nov-16	6 0%	-51d		i Installation of Belt Conveyor
	EM100670	Metal Separator No.1		0d		8d	31-Oct-16	08-Nov-16	6 0%	-51d		■ Metal Separator Nb.1
	EM100680	Metal Separator No.2		0d		9d	01-Nov-16	10-Nov-16	6 0%	-51d		■ Metal Separator No.2
	EM100700	Installation of Overhead Travelling Crane		18d 18-Apr-16	09-May-16	18d	06-Oct-16	27-Oct-16	6 0%	-38d	-141d	141d Installation of Overhead Travelling Crane
-	EM100720	Installation of Monorail (Crusher Area)		0d		8d	06-Oct-16*	15-Oct-16	6 0%	-9d		☐ Installation of Moriorail (Crusher Afea)
	EM100780	Pre-treatment System Pipework (with Supports	s and Racks)	0d		72d	17-Oct-16*	11-Jan-17		-81d		Pre-treatment System Pipework (with Supp
-	EM100782	Installation of Skip Rail Guide		Od		76d	06-Oct-16*	06-Jan-17		-77d		Installation of:Skip Rail Guide
- 1	EM100800	Cable Tray Laying Work		92d 04-Feb-16	31-May-16	50d	06-Oct-16	03-Dec-16		-95d	-155d	Colo Tara discoluent
	EM100800 EM100810	Local Control Panel / Switch		92d 04-reb-16	O1 Way-10		05-Nov-16				1000	Cable Tray Laying Work Loçal Control Panet / Switch
					40 1:40	25d		03-Dec-16		-95d	140-	
	EM100850	Cabling Works	la αα 4/Ε	100d 16-Mar-16	19-Jul-16	50d	05-Nov-16	05-Jan-17			-140d	- Caping in Chapter
	EM10095B	Remaining Cabling and Building Services Work		75d 18-May-16	15-Aug-16	51d	25-Nov-16	26-Jan-17		-95d	-135d	Renaming Cauling and Digitally Services
	EM101000	Completion of E&M Installation of Pre-Treatmen	nt System	0d	15-Aug-16	0d		07-Feb-17	7 0%	-101d	-142d	142d ♦ Completion of E&M Installation of Pre-
lr	nstallation of Contro	ol Panels		41d 18-Apr-16 41d 18-Apr-16	06-Jun-16 06-Jun-16	23d 23d	31-Dec-16 31-Dec-16	27-Jan-17 27-Jan-17		-143d -143d	-194d	
	EM101050	Installation of Panels at Pre-treatment MCC Ro	oom	41d 18-Apr-16	06-Jun-16	23d	31-Dec-16	27-Jan-17			-194d	-194d Installation of Panels; at Pre-treatment Mi
ıA	naerobic Digesti	on Treatment System		179d 04-Feb-16	12-Sep-16	134d	11-May-16 A	27-Jan-17	7	-99d	-112d	<mark>/112d</mark>
А	Anaerobic Digestion	Treatment System		179d 04-Feb-16 179d 04-Feb-16	12-Sep-16 12-Sep-16	134d 134d	11-May-16 A 11-May-16 A	27-Jan-17 27-Jan-17		-99d -99d	-112d -112d	
	EM100750	Installation of Suspension buffer tank & Testing]	32d 04-Feb-16	15-Mar-16	71d	-	11-Nov-16		-95d	-196d	
	EM100760	Installation of Suspension buffer tank Insulation	n & Cladding	0d		40d	12-Nov-16*	30-Dec-16	6 0%	-95d		Installation of Suspension; buffer tank Insulation
	EM110100	Installation of Digester Tank No.1 & Testing		87d 29-Mar-16	13-Jul-16	37d	11-May-16 A	30-Sep-16	5 57.49%	-91d	-67d	-67d Installation of Digester Tank No.1 & Testing
	EM110110	Installation of Digester Tank No.1 Insulation & C	Cladding	0d		46d	03-Oct-16*	25-Nov-16	6 0%	-90d		Installation of Digester Tank No.1 Insulation & Cladd
	EM110150	Installation of Digester Tank No.2 & Testing		87d 14-Apr-16	28-Jul-16	45d	11-May-16 A	12-Oct-16	57.49%	-92d	-62d	-62d Installation of Digester Tank No.2 & Testing
	EM110160	Installation of Digester Tank No.2 Insulation & C	Cladding	0d		46d	13-Oct-16*	05-Dec-16	6 0%	-92d		Installation of Digester Tank No.2 Insulation & Clac
H	EM110200	Installation of Digester Tank No.3 & Testing		87d 29-Apr-16	12-Aug-16	80d	25-Jul-16 A	22-Nov-16		-106d	-84d	-84d Installation of Digester Tank No.3 & Testing
- 1	EM110205	Installation of Digester Tank No.3 Insulation & C	Cladding	0d		46d	23-Nov-16*	18-Jan-17		-104d		Installation of Digester Tank No.3 thesting
	EM110300	Installation of Pumping and Jet Mixing System	Olddanig	18d 03-Aug-16	22 Aug 16	79d	12-Sep-16	15-Dec-16		-95d	-95d	
	EM110300	Installation of Heat Exchangers		0d	25-Aug-10	79d	10-Sep-16	14-Dec-16		-88d	-350	-95d Installation of Pumping and Jet Mixing System Installation of Heat Exchangers
												Installation of Overflow,Tanks
	EM110320	Installation of Overflow Tanks		Od		22d	19-Nov-16	14-Dec-16		-81d		Instaliation of Pressure Relief Valvies
	EM110330	Installation of Pressure Relief Valves		0d		30d	09-Nov-16	13-Dec-16		-76d		
	EM110350	Installation of Odour Extraction Ductworks		39d 29-Jul-16	12-Sep-16	39d	08-Nov-16	22-Dec-16		-106d	-84d	Installation of Opun Extraction Successives
	EM110400	Installation of Intermediate Digestate Tank		12d 24-Aug-16	06-Sep-16	12d	10-Dec-16	23-Dec-16	6 0%	-81d	-90d	installation of internet and pagestate train.
	EM110405	Installation of Racks and Supports		0d		30d	12-Sep-16	19-Oct-16	6 0%	-95d		Installation of Racks and Supports
	EM110408	Installation of Monorail (Suspension Buffer Pur	np Room)	Od		30d	29-Oct-16	02-Dec-16	6 0%	-54d		Installation of Monorail (Suspension Buffer Pump R
	EM110410	Anaerobic Digestion Treatment System Pipewo	ork	Od		90d	08-Oct-16	25-Jan-17	7 0%	-104d		Anaerobid Digestion Treatment System P
	EM110420	Cable Tray Laying Work		92d 06-Apr-16	26-Jul-16	45d	24-Oct-16	14-Dec-16	6 0%	-84d	-118d	-118d Gable Tray Laying Work
	EM110430	Local Control Panel / Switch		0d		22d	16-Nov-16	10-Dec-16	6 0%	-84d		Local Control Panel / Switch
	EM110440	Cabling Works		95d 16-May-16	05-Sep-16	45d	16-Nov-16	10-Jan-17	7 0%	-84d	-103d	-103d Cabling Works
	EM110450	Completion of E&M Installation of Anaerobic Dig	gestion Treatment System	0d	12-Sep-16	0d		27-Jan-17	7 0%	-99d	-112d	-112d
lr	nstallation of Contro	ol Panels		39d 29-Mar-16	16-May-16	23d	31-Dec-16	27-Jan-17	7		-212d	-212d
	EM110500	Installation of Panels at AD MCC Room		39d 29-Mar-16 39d 29-Mar-16	16-May-16 16-May-16	23d 23d	31-Dec-16 31-Dec-16	27-Jan-17 27-Jan-17			-212d -212d	
				126d 04-Jul-16	30-Nov-16	153d	08-Sep-16	15-Mar-17		-62d	-84d	Ilisulauoji oi Paneis at AU MCQ Room
He	cat necovery an	d Power Generation System		126d 04-Jul-16	30-Nov-16	153d	08-Sep-16	15-Mar-17		-62d	-84d	-84d
	EM120100	Installation of Combine Heat Bewer Contract	1 (Summary)	126d 04-Jul-16	30-Nov-16	153d	08-Sep-16	15-Mar-17	7	-62d	-84d	
	EM120100	Installation of Combine Heat Power System no		39d 04-Jul-16	17-Aug-16	75d	08-Sep-16	07-Dec-16		-83d	-93d	
	EM120150	Installation of Combine Heat Power System no		40d 18-Aug-16	05-Oct-16	75d	08-Sep-16	07-Dec-16		10d	-53d	
	EM120200	Installation of Combine Heat Power System no		40d 06-Oct-16	22-Nov-16	75d	08-Sep-16	07-Dec-16		10d	-13d	N
	EM120210	Installation of Combine Heat Power Equipment	no. 1 to 3	0d		12d	08-Sep-16	22-Sep-16	6 0%	47d		Installation of Combine Heat Power Equipment no. 1 to 3
:v1.4	_up_17Aug16		Primary Baselin	ne Activit	v	Criti	cal 🛕		Actual Miles	tono	ooolin	aseline: Contract Programme for The Design and Construction Works Page 34 of 40 print: 27-Aug-16 11

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 eEVIDS

ZU15

ZU 1916 EM120220 Installation of Combine Heat Power System Accesories no. 1 to 3 1917 -10d Installation of Heat Recovery system / H2S Polishi EM120250 Installation of Heat Recovery system / H2S Polishing (duplicated, to be deleted) 26d 18-Aug-16 17-Sep-16 26d 08-Dec-16 0% 10-Jan-17 Installation of CHP Stack 1918 EM120260 26d 0% -79d 1919 EM120320 -62d Heat Recovery and Power Generation System Pipework 78d 08-Dec-16 15-Mar-17 0% Installation of Continuous Emissions Monitoring System (CEMS) 1920 EM120350 -31d Installation of Continuous Emissions Monitoring Sys 08-Dec-16 10-Jan-17 1921 EM120400 -12d Cable Tray Laying Works Cable Tray Laving Works 26d 01-Nov-16 30-Nov-16 14d 13-Oct-16 28-Oct-16 0% Local Control Panel / Switch 1922 EM120410 Local Control Panel / Switch 15d 29-Oct-16 0% -12d Cabling Works 1923 EM120450 Cabling Works 39d 17-Oct-16 30-Nov-16 20d 08-Dec-16 03-Jan-17 0% -31d 1924 EM120500 Completion of E&M Installation of Heat Recovery and Power Generation System 15-Mar-17 0% -62d ◆ Completion of E&M Installation of Heat -147d 1925 Installation of Control Panels 23d 31-Dec-16 27-Jan-17 1926 27-Jan-17 Installation of Panels at Heat Recovery & CHP I 1927 EM19021H Installation of Panels at Heat Recovery & CHP MCC Rooms -147d 1928 Biogas Cleaning and Storage System 1929 108d 02-Jul-16 08-Nov-16 105d 12-Sep-16 18-Jan-17 -16d 08-Nov-16 1930 108d 02-Jul-16 105d 12-Sep-16 18-Jan-17 -16d Installation of Bio Gas Cleaning System no.1 (Desulphurisation) 26d 02-Jul-16 31-Oct-16 Installation of Bio Gas Cleaning System nd.1 (Desulphurisation 1932 EM130150 26d 02-Aug-16 -26d Installation of Bio Gas Cleaning System no.2 (Desulphurisation) 31-Aug-16 40d 12-Sep-16* 31-Oct-16 0% Installation of Bio Gas Cleaning System no.2 (Desulphurisatio 1933 EM130200 Installation of Bio Gas Storage Tank 03-Oct-16 28-Dec-16 -96d Installation of Bio Gas Storage Tank 1934 Biogas Cleaning and Storage Syste 24-Oct-16 -88d EM130350 Biogas Cleaning and Storage System Pipework 31d 15-Sep-16 43d 17-Nov-16 09-Jan-17 0% 1935 Cable Tray Laying Works 11-Oct-16 19-Dec-16 Cable Tray Laying Works Local Control Panel / Switch 1936 EM130410 Local Control Panel / Switch 0d 25d 16-Nov-16 14-Dec-16 0% -9d 1937 EM130450 45d -16d Cabling Works 1938 EM130500 Completion of E&M Installation of Biogas Cleaning and Storage System 0d 08-Nov-16 0d 18-Jan-17 0% -16d Completion of E&M Installation of 1939 113d -42d 1940 74d 02-Jul-16 27-Sep-16 10-Sep-16 26-Jan-17 1941 Installation of Standby Flaring Gas Unit 1942 EM130250 Installation of Standby Flaring Gas Unit 18d 02-Jul-16 0% -74d 1943 -74d Installation of Biogas Blowers EM130260 Installation of Biogas Blowers 18d 02-Jul-16 22-Jul-16 42d 10-Sep-16 01-Nov-16 0% 1944 Installation of Biogas Cooling and Conde EM130270 Installation of Biogas Cooling and Condensate Removal System 18d 02-Jul-16 22-Jul-16 42d 21-Sep-16 10-Nov-16 0% -82d Installation of Racks and Supports (Biogas Area) 1945 EM130272 Installation of Racks and Supports (Biogas Area) 22-Oct-16 25-Nov-16 0% -81d Biogas Distribution System Pipework 1946 EM130275 Biogas Distribution System Pipework 50d 26-Nov-16 26-Jan-17 0% -42d Carbon Filters 1947 EM130278 Carbon Filters 51d 20d 10-Sep-16 05-Oct-16 0% 1948 EM130280 Cable Tray Laying Works 39d 23-Jul-16 30d 26-Nov-16 03-Jan-17 0% -33d Cable Tray Laying Works Local Control Panel / Switch 1949 EM130285 Local Control Panel / Switch -33d 15d 28-Dec-16 0% 09-Dec-16 1950 EM130290 Cabling Works 17d 07-Sep-16 27-Sep-16 30d 09-Dec-16 16-Jan-17 0% -33d 1951 Completion of E&M Installation of Biogas Disgtribution System 0d -42d Completion of E&M Installation of Biogas Disgtri EM130295 27-Sep-16 26-Jan-17 0% 1952 Installation of Control Panels 23d 31-Dec-16 27-.lan-17 -147d 1953 0d 23d 31-Dec-16 27-Jan-17 -147d Installation of Panels at Biogas MCC Rooms 1954 Installation of Panels at Biogas MCC Rooms 31-Dec-16 23d 27-Jan-17 1955 Wastewater Treatment System 110d 04-Feb-16 1956 94d 26-Feb-16 22-Jun-16 109d -100d 1957 94d 26-Feb-16 22-Jun-16 09-Sep-16 20-Jan-17 -100d EM140100 1958 Installation of Pumping System and associated pipework 40d 26-Feb-16 16-Apr-16 27-Sep-16 14-Nov-16 0% -91d allation of Pumping System and a 1959 EM140150 24d 18-Apr-16 17-May-16 15-Nov-16 12-Dec-16 0% -88d 1960 EM140200 Installation of Odour Containment System (GRP Cover for WWTP) 26d 18-May-16 17-Jun-16 15d 28-Dec-16 14-Jan-17 0% -99d Installation of Odour Containment System (GRP C 1961 FM140250 Installation of Odour Extraction Ductwork (for WWTP) 21d 28-May-16 22-Jun-16 21d 23-Dec-16 19-Jan-17 0% -99d -174 Installation of Odour Extraction Ductwork (for WW 1962 EM140300 Installation of Ammonia Stripping Plant 51d 14-Apr-16 15-Jun-16 82d 09-Sep-16* 16-Dec-16 0% -103d Installation of Ammonia Stripping Plant Wastewater Treatment System Pipewor 1963 EM140330 Wastewater Treatment System Pipework 74d 17-Oct-16 13-Jan-17 0% -1000 Chemical Storage & Dosing System 1964 0d EM140335 Chemical Storage & Dosing System 40d 02-Dec-16 20-Jan-17 0% -100d Primary Sedimentation Tank (Conical Tank) 1965 EM140340 Primary Sedimentation Tank (Conical Tank) 20d 08-Dec-16 0% -660 Installation of ASP Stack 1966 EM140345 -91d Installation of ASP Stack 18d 17-Dec-16 10-Jan-17 0% 1967 EM140350 -89d 13-Oct-16 Cable Tray Laying Works Local Control Panel / Switch 1968 EM140360 -89d Local Control Panel / Switch 28d 19-Nov-16 21-Dec-16 0% 1969 FM140400 14-Jun-16 40d 07-Jan-17 -89d Cabling Works ◆ Completion of E&M Installation of Wastew 1970 EM140450 Completion of E&M Installation of Wastewater Treatment System 22-Jun-16 0% -100d -175d 20-Jan-17 1971 nstallation of Control Panels 41d 04-Feb-16 29-Mar-16 25-Oct-16 05-Dec-16 -100d 1972 41d 04-Feb-16 29-Mar-16 Primary Baseline Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:52 Project:v1.4 up 17Aug16 Activity Page 35 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

Environmental Protection Department Contract No. EP/SP/61/10 **Contract Programme Progress Updated on 17-Aug-16** of the HKSAR Organic Waste Treatment Facilities Phase 1 T Variance - BL Project Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct 1973 Installation of Panels at WWTP MCC Room 1974 161d 144d 24-May-16 1975 Installation of Tunnel Composting 1 to 6 51d 22-Aug-16 22-Oct-16 95d 06-Sep-16 30-Dec-16 -24d 1976 51d 22-Aug-16 22-Oct-16 95d 06-Sep-16 30-Dec-16 -24d 1978 51d 22-Aug-16 22-Oct-16 EM160150 Installation of Water Spraying System / Pipework 65d 14-Oct-16 30-Dec-16 0% -24d 1979 Installation of Tunnel Doors 01-Dec-16 0% -24d ■ Installation of Heat Exchanger, High Pressure Fans, 1980 EM160203 0d Installation of Heat Exchanger, High Pressure Fans, Hot Water Pumps 26d 26-Nov-16 28-Dec-16 0% -22d 1981 18d 24-Oct-16 12-Nov-16 1982 18d 24-Oct-16 12-Nov-16 60d 10-Nov-16 21-Jan-17 -24d 1983 EM160200 Installation of Leachate Treatment System / Pipework 18d 24-Oct-16 12-Nov-16 60d 10-Nov-16 21-Jan-17 0% -24d 1984 Leachate Pump Chamber, Pump Installation EM160210 -12d Leachate Pump Chamber, Pump Installation 11-Feb-17 102d 24-May-16 22-Sep-16 120d 15-Sep-16 -39d 1985 Installation of Maturation Area 11-Feb-17 102d 24-May-16 22-Sep-16 1986 1987 Installation of Alr Extraction System / Ductwork (Maturation 1988 9d 12-Sep-16 22-Sep-16 37d Installation of Star Screen Unit EM160300 Installation of Star Screen Unit 12d 26-Oct-16 08-Nov-16 0% 1989 FM160400 Installation of Mixing Unit 2d 24-May-16 25-May-16 12d 18-Nov-16 02-Dec-16 0% 16d Installation of Mixing Unit 1990 04-Jun-16 -39d EM160450 Cable Tray Laying Works 9d 26-May-16 60d 15-Sep-16 26-Nov-16 0% Cable Tray Laving Works Local Control Panel / Switch Local Control Panel / Switch 1991 FM160460 20d 04-Nov-16 26-Nov-16 0% -39d 1992 EM160500 Cabling Works 12d 06-Jun-16 20-Jun-16 60d 28-Nov-16 11-Feb-17 0% -39d Cabling Works 1993 50d 21d 1994 44d 24-May-16 15-Jul-16 50d 26-Nov-16 21d EM160550 Installation of Air Extraction System / Ductwork (Structurant Storage Area) Installation of Air Extraction System / Ductwork (Structurant St 26d 24-May-16 23-Jun-16 26d 28-Sep-16 29-Oct-16 0% 21d 1996 EM160650 Cable Tray Laying Works 12d 24-Jun-16 08-Jul-16 12d 31-Oct-16 12-Nov-16 0% 21d 1997 Local Control Panel / Switch 21d Local Control Panel / Switch EM160660 12-Nov-16 04-Nov-16 0% Cabling Works 1998 FM160700 Cabling Works 12d 02-Jul-16 15-Jul-16 12d 14-Nov-16 26-Nov-16 0% 21d 1999 Installation of Digestate Dewatering System 2000 100d 16-Jul-16 150d 18-Mar-17 161d Installation of Monoral (Dewatering) 2001 EM160620 Installation of Monorail (Dewatering 0d 12d 18-Oct-16 31-Oct-16 0% 17d 2002 17d Installation of Centrifuges Installation of Centrifuges 9d 16-Jul-16 17-Sep-16 08-Oct-16 2003 EM160754 Installation of Platform (Dewatering Area) 34d 10-Dec-16 21-Jan-17 0% -69d Installation of Sandfilter 2004 Installation of Sandfilte 23-Jan-17 15-Feb-17 0% 2005 EM160759 Installation of Break Tank 0d 18d 23-Jan-17 15-Feb-17 0% -48d Installation of Polymer Storage Tank Installation of Polymer Storage Tank Installation of Polymer Feed Pumps 2007 EM160764 Installation of Polymer Feed Pumps 17-Sep-16 08-Oct-16 0% 35d 2008 EM160770 33d Installation of Polymer Mixing Unit 06-Feb-17 Installation of Anti-Foaming and Arti-Scalar 2009 EM160780 Installation of Anti-Foaming and Anti-Scalant System 0d 06-Feb-17 15-Feb-17 0% 188d Installation of Centrate Discharge Pump 2010 Installation of Centrate Discharge Pumps 9d 27-Jul-16 16-Feb-17 17-Mar-17 0% 162d Installation of Bollfilter 2011 EM160820 170d Installation of Bollfilter 16-Feb-17 08-Mar-17 0% 2012 Installation of CenrtrateTani 4d 17-Aug-16 20-Aug-16 09-Dec-16 0% -69d Installation of Centrate Tank Installation of Sieve Plastic Drum 2013 EM160920 Installation of Sieve Plastic Drum 23-Jan-17 26-Jan-17 0% -34d Digestate Dewatering System 2014 EM160970 -69d Digestate Dewatering System Pipework (with Supports) 45d 23-Jan-17 18-Mar-17 0% 2015 EM161000 Cable Tray Laying Work 43d 22-Jul-16 09-Sep-16 60d 15-Sep-16 26-Nov-16 0% -39d Local Control Panel / Switch 2016 Local Control Panel / Switch 20d 04-Nov-16 26-Nov-16 0% -39d 2017 EM161050 Cabling Works 43d 05-Aug-16 24-Sep-16 60d 28-Nov-16 11-Feb-17 0% -394 -112 Completion of E&M Installation of Comp 2018 EM161100 Completion of E&M Installation of Composting System 18-Mar-17 -69d 0% 2019 39d 24-May-16 09-Jul-16 16-Nov-16 -76d Installation of Control Panels 03-Jan-17 2020 39d 24-May-16 09-Jul-16 03-Jan-17 -76d Installation of Panels at Composting MCC Rooms 2022 EM161160 -76d Installaton of Panels at Dewatering MCC Rooms 16-Nov-16 03-Jan-17 0% 2023 2024 108d 18-Apr-16 25-Aug-16 -91d 150d 21-Jul-16 A 18-Feb-17 2025 2026 EM150100 Installation of Chemical Scrubber in Building 1 26d 18-Apr-16 19-May-16 24-Nov-16 -79d 2027 -79d Installation of Dosing Pumps, associated pipeworks and St EM150150 Installation of Dosing Pumps, associated pipeworks and Stack Unit in Building 1 26d 28-Apr-16 30-May-16 0% 02-Dec-16 2028 EM150200 Installation of Activated Carbon Filter in Building 1 26d 31-May-16 30-Jun-16 26d 26-Oct-16 24-Nov-16 0% -23d -1220 Installation of Activated Carbon Filter in Building 1 Installation of Odour Extraction Duct Work 2029 EM150250 Installation of Odour Extraction Duct Work & Associated Accessories in Building 1 77d 26-May-16 25-Aug-16 62d 02-Dec-16 18-Feb-17 0% -91d Primary Baseline Activity Critical Actual Milestone Baseline: Contract Programme for The Design and Construction Works print: 27-Aug-16 11:52 Project:v1.4 up 17Aug16 Page 36 of 40 Ref.:WS-OSC-00-0-TM-0061-A, Date: 27-Aug-2016 v1.4 © Oracle Corporation ♦ Baseline Milestone Milestone Actual Work

HKSAR			Organic	Waste '	Treatme	ent Faci	lities Pha	ase 1							OSCAR BIOENERG
Activity ID		Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Complete	Total Float E	Variance - BL Project	Nov Doo	Ion Eob	2015	2016	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Se
EM15030	800	Installation of Chemical Day Tanks and Water Tark in Building 1	26d 31-May-16	30-Jun-16	20d	24-Nov-16	16-Dec-16	0%	-79d	Finish -141d		Jan Feb	eu Mai Api May Juli Juli Aug Sep Oct Nov De	C Jan Feb Wai Api Way Jun Jun Aug Sep	Installation of Chemical Day Tanks and Water Ta
EM15030	105	Air Extraction Fans in Building 1	0d		35d	26-Oct-16	05-Dec-16	0%	-32d						Air Extraction Fans in Building 1
EM15031	10	Wet Scrubber, Ventur i Scrubber, Air Extraction Fans in Building 2	Od		66d	21-Jul-16 A	05-Nov-16	26.67%	-56d		1				Wet Scrubber, Venturi Scrubber, Air Extraction Fans in E
EM15031		Installation of Odour Extraction Duct Work & Associated Accessories in Building 2	0d		26d	21-Oct-16			-19d						Installation of Odour Extraction Duct Work & Associat
EM15032		Installation of Odour Extraction Duct Work & Associated Accessories in AD Tank Area	0d						-61d						Installation of Odour Extraction Duct Work
				00 1 40	40d	23-Nov-16				4044					
EM15035		Cable Tray Laying Works	34d 20-May-16	29-Jun-16	25d	09-Nov-16			-67d	-134d					Cable Tray Laying Works Local Control Panel / Switch
EM15036	60	Lcoal Control Panel / Switch	0d		25d	09-Nov-16	07-Dec-16	0%	-50d						Legal Control Paner / Switch
EM15040	100	Cabling Works	26d 30-Jun-16	30-Jul-16	35d	06-Dec-16	18-Jan-17	0%	-67d	-141d					Cabling Works
EM15045	150	Completion of E&M Installation of Centralized Air Pollution Control System	0d	25-Aug-16	0d		18-Feb-17	0%	-91d	-143d				 	Completion of E&M Installation of Cer
Installation	of Control F	Panels	42d 07-Jun-16	27-Jul-16	23d	31-Dec-16			-137d	-152d -152d					
EM15050	600	Installation of Panels at CAPCS MCC Room	42d 07-Jun-16 42d 07-Jun-16	27-Jul-16 27-Jul-16	23d 23d	31-Dec-16 31-Dec-16			-137d -137d	-152d	····				Installation of Panels at CAPCS MCC Roo
Process U	Utilities (Co	ompressed Air, Process Water, Process Clean Water)	0d		90d	06-Oct-16	23-Jan-17		214d						
			0d		90d	06-Oct-16	23-Jan-17		214d						
EM21015	50	Installation of Compressed Air System	0d 0d		90d 54d	06-Oct-16 21-Oct-16			214d -48d						Installation of Compressed Air System
EM21016		Air Compressor Installation in Building 1	0d		22d	19-Nov-16			-73d		 -				Air Compressor Installation in Building 1
EM21016		<u> </u>	Od Od												Gompressed Air Pipework (All Buildings)
		Compressed Air Pipework (All Buildings)			45d	19-Nov-16		0%	-63d						Installation of Process Water System
EM21020		Installation of Process Water System	0d		25d	23-Nov-16			-117d						
EM21021	210	Process Water Pump Installation in Building 1 Pre-treatment Plant	0d		20d	06-Oct-16	29-Oct-16	0%	-82d						Process Water Pump Installation in Building 1 Pre-treatme
EM21022	220	Process Water Pipework Installation (All Buildings)	0d		45d	31-Oct-16	21-Dec-16	0%	-82d						Process Water Pipework Installation (All Buildin
EM21025	250	Installation of Process Clean Water System	0d		30d	30-Nov-16	06-Jan-17	0%	-22d						Installation of Process Clean Water System
EM21026	260	Process Clean Water Pump Installation in Building 1	0d		20d	30-Nov-16	22-Dec-16	0%	-22d						Process Clean Water Pump Installation in Buildi
EM21027	70	Process Clean Water Pipework Installation (All Buildings)	0d		45d	01-Nov-16	22-Dec-16	0%	238d						Process Clean Water Pipework Installation (All I
EM21030	800	Cable Tray Laying Works	0d		50d	16-Nov-16	16-Jan-17	0%	-40d						Cable Tray Laying Works
EM21031	10	Local Control Panel / Switch	0d		10d	05-Jan-17	16-Jan-17	0%	-40d						Local Control Panel / Switch
EM21035	150	Cabling Works	0d		40d	05-Dec-16	23-Jan-17	0%	-40d						Cabling Works
Hot Water				15-Oct-16	73d	02-Nov-16			-83d	-87d					
Tiot water	a System		39d 29-Aug-16	15-Oct-16	73d	02-Nov-16			-83d	-87d					
FN44000		Last Halland Files (Files (Hoster	39d 29-Aug-16	15-Oct-16	73d	02-Nov-16			-83d	-87d					
EM12030		Installation of Electric Boiler / Heater	39d 29-Aug-16	15-Oct-16	39d	02-Nov-16			-61d	-53d					Installation of Electric Boiler / Heater Installation of Hot Water Pumps
EM21010		Installation of Hot Water Pumps	0d		22d	05-Nov-16			-95d						
EM21010		Installation of Hot Water Piping	0d		24d	19-Nov-16	16-Dec-16	0%	-95d						Installation of Hot Water Piping
EM21011	10	Installation of Hot Water System Insulation & Cladding	0d		40d	10-Dec-16	01-Feb-17	0%	-95d						Installation of Hot Water System Insulati
EM21011	15	Installation of Break Tank	0d		40d	19-Nov-16	07-Jan-17	0%	-77d						Installation of Break Tank
EM21012	20	Installation of Magnetic Filter	0d		28d	19-Nov-16	21-Dec-16	0%	-73d						Installation of Magnetic Filter
EM21013	30	Installation of Soft Water System	0d		48d	05-Nov-16	03-Jan-17	0%	-61d		1				Installation of Soft Water System
Building S	Services In	nstallation	95d 18-Apr-16	10-Aug-16	147d	24-Jun-16 A	15-Feb-17		-36d	-153d					
Building #1	1 (Waste Re	ceiving, Pre-treatment & Admin. Building)	0d 0d		91d 91d	08-Oct-16 08-Oct-16			-95d -95d						
EMBS110	100	Building #1 MVAC System	0d		67d	26-Oct-16			-95d -85d						Building #1 MVAC System
EMBS115	150	Building #1 Fire Services System	Od		80d	08-Oct-16	13-Jan-17	0%	-89d		 				Building #1 Fire Services System
EMBS120		Building #1 Plumbing & Drainage System / Solar Hot Water System	Od		45d	17-Nov-16			-104d		1				Building #1 Plumbing & Drainage System / S
EMBS12		Building #1 BS Installation of Central Control Room at M/F Grid 11-13/M-N	Od		60d	15-Nov-16			-120d						Building #1 BS Installation of Central Cont
EMBS130		Building #1 Lighting and Electrical Installation	0d		60d	26-Oct-16			-83d						Building #1 Lighting and Electrical Installation
		ation Offices & Visitor Areas)	95d 18-Apr-16	10-Aug-16	73d	15-Nov-16			-108d	-152d					
			95d 18-Apr-16	10-Aug-16	73d	15-Nov-16	14-Feb-17		-108d	-152d					
EM17010		Building Service Installation of Adminstration Offices	37d 18-Apr-16	01-Jun-16	53d	15-Nov-16	18-Jan-17	0%	-126d	-190d					Building Service Installation of Adminstratio
EM17012	2B	Lift Installation of Adminstration Offices	60d 25-May-16	04-Aug-16	50d	10-Dec-16	13-Feb-17	0%	-115d	-156d					Lift Installation of Adminstration Office:
EM17013	3B	Verticle Lift Platform Installation	0d		55d	05-Dec-16	13-Feb-17	0%	-115d						Verticle Lift Platform Installation
EM17015	50	Visitor and Educational Centre	40d 02-Jun-16	20-Jul-16	40d	23-Dec-16	14-Feb-17	0%	-108d	-170d	1				Visitor and Educational Centre
EM17020	10B	Completion of E&M Installation of Administration Offices & Visitor Areas	0d	10-Aug-16	0d		14-Feb-17	0%	-108d	-152d	1			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	◆ Completion of E&M Installation of Adm
Building #2	2 (Compostin	ng & Maturation Building)	0d		112d	24-Jun-16 A			-74d						
EMBS200	000	Building #2 MVAC System	0d 0d		112d 76d	24-Jun-16 A 08-Aug-16 A			-74d -38d						Building #2 MVAC System
EMBS20		Building #2 Fire Services System													Building #2 Fire Services System
			Dd Od		50d	24-Jun-16 A			-92d		ļļ				
EMBS210	100	Building #2 Plumbing & Drainage System	0d		90d	26-Jul-16 A	03-Dec-16	0%	-72d						
t:v1.4_up_17	Δησ16	Drimon, Possilina	A atia cita	V	Critic	ral 4	<u> </u>	ctual Miles	tono	Racal	line: Ca	ntract F	t Programme for The Design and Co	netruction Works	an 27 of 40 print: 27 Aug 46 44
.v1.4 up 1/2	Aug 16	Primary Baseline	e Activit	у	Critic	ज्ञा 🔨	▽	ıcıuai ivilles	ione	⊳asel	ime: Co	ппаст Е	t Programme for The Design and Co	nstruction works Pa	ge 37 of 40 print: 27-Aug-16 11

KSAR		<u> </u>		Treatme	nt Facil	lities Pha													OSCA	R BIOENEF
ctivity ID	Activity Name	BL Project BL Project Duration Start	BL Project Finish	Remaining Duration	Start	Finish	Activity % Total Complete	Float Variar		Dec Jan	Feb Mar A	2015 or May Jun J		Oct Nov De	c Jan Feb Mar A	pr May Jun Jul Aug	Sep Oct Nov Dec	c Jan Feb	Mar Apr Ma	017 Jun Jul Aug
EMBS2150	Building #2 Lighting and Electrical Installation	0d		60d	21-Oct-16	31-Dec-16	0%	-80d										Building #	#2 Lighting and	Electrical Installati
Building #3 (Energy	/ Centre)	0d 0d		118d 118d	22-Sep-16 22-Sep-16	15-Feb-17 15-Feb-17		-89d -89d												
EMBS3000	Building #3 MVAC System	Od		60d	05-Nov-16	17-Jan-17	0%	-87d									_	Buildir	ng #3 MVAC Sy	stem
EMBS3050	Building #3 Fire Services System	0d		60d	22-Sep-16	02-Dec-16	0%	101d									Ві	uilding #3 Fir	e Services Sys	em
EMBS3100	Building #3 Plumbing & Drainage System	0d		60d	05-Nov-16	17-Jan-17	0%	103d									_	Buildir	ng #3 Plumbing	& Drainage Syste
EMBS3150	Building #3 Lighting and Electrical Installation	0d		70d	19-Nov-16	15-Feb-17	0%	-89d									-	 '	Building #3 Ligh	ing and Electrical
Anaerobic Digester	's Area	0d 0d		102d 102d	08-Oct-16 08-Oct-16	11-Feb-17 11-Feb-17		-99d -99d												
EMBS4000	Anaerobic Digesters Area MVAC System	0d		65d	22-Nov-16	11-Feb-17	0%	106d						+					naerobic Diges	ters Area MVAC S
EMBS4050	Anaerobic Digesters Area Fire Services System	0d		55d	15-Nov-16	20-Jan-17	0%	-90d									-	Anae	robic Digesters	Area Fire Service
EMBS4100	Anaerobic Digesters Area Plumbing & Drainage System	0d		50d	08-Oct-16	06-Dec-16	0%	104d									A	maerobic Dir	gesters Area Pl	imbing & Drainage
EMBS6060	Anaerobic Digesters Area Lighting & Electrical System	0d		50d	22-Nov-16	21-Jan-17	0%	-84d									-	Anae	robic Digesters	Area Lighting & E
Biogas Cleaning &	Storage Tank, Desulphurization/Biogas Plant Rm., Desulphurization Tank	0d		101d	23-Sep-16	24-Jan-17		-20d						ļļļ			ļļļ		ļļļ	
EMBS5000	Biogas Area MVAC System	0d 0d		101d 45d	23-Sep-16 24-Nov-16	24-Jan-17 18-Jan-17	0%	-20d -88d									<u> </u>	Bioga	s Area MVAC S	ystem
EMBS5050	Biogas Area Fire Services System	0d		30d	15-Nov-16	19-Dec-16	0%	-115d									-	Biogas Are	a Fire Services	System
EMBS5100	Biogas Area Plumbing & Drainage System	0d		40d	23-Sep-16	10-Nov-16	0%	-82d									Biogas	s Area Plumi	bing & Drainage	\$ystem
EMBS6070	Biogas Area Lighting & Electrical System	0d		50d	24-Nov-16	24-Jan-17	0%	-20d									—	Bioç	as Area Lightin	& Electrical Syst
Weighbridge and G	Sate House	0d		40d	24-Dec-16	15-Feb-17		-36d						+			 		 	
EMBS6000	Weighbridge and Gate House MVAC System	0d 0d		40d 40d	24-Dec-16 24-Dec-16	15-Feb-17 15-Feb-17	0%	-36d 109d										<u> </u>	Weighbridge ar	d Gate House MV
EMBS6050	Weighbridge and Gate House Fire Services System	Od		20d	24-Dec-16	19-Jan-17		109d	-									Weig	hbridge and Ga	te House Fire Ser
EMBS6100	Weighbridge and Gate House Lighting & Electrical System	0d		25d	24-Dec-16	25-Jan-17	0%	-21d	-									Wei	ghbridge and G	ate House Lighting
General		234d 15-Dec-15	29-Sep-16	214d	31-Aug-15 A	11-May-17		103d -	78d					+					ļ <u> </u>	
Transformer Room	n (by OSCAR)	0d		78d	15-Oct-16	17-Jan-17		148d												
EM190600	Building services installation in Transformer Room	0d 0d		78d 30d	15-Oct-16 15-Oct-16	17-Jan-17 18-Nov-16	0%	148d 148d									Build	ding services	installation in	ransformer Room
EM190620	Install 11kV / 380V Transformers and cables	0d		48d	19-Nov-16	17-Jan-17	0%	148d									📥	Instal	11kV/380V T	ansformers and o
EM190640	11kV Switchgear and cables Installation	0d		48d	19-Nov-16	17-Jan-17	0%	148d									-	11kV	Switchgear and	cables Installation
Electrical, Instrume	entation & Control	212d 15-Dec-15	02-Sep-16	182d	31-Aug-15 A	28-Mar-17		-71d -	168d											
EM190150	Insturmentation, Control & Monitoring System (SCADA/PLC)	212d 15-Dec-15 103d 18-Apr-16	02-Sep-16 19-Aug-16	182d 75d	31-Aug-15 A 22-Oct-16	28-Mar-17 20-Jan-17	0%		168d 126d									Insti	tmentation Co	trol & Monitoring
EM19021B	Installation of Main LV Switch Board	100d 18-Apr-16	16-Aug-16	32d	05-Nov-16	12-Dec-16		-110d	-98d									1 1 1	of Main LV Switch	1 1 1 -
EM190220	Cabling works (from Main LVSB to MCC)	Od .		45d	03-Oct-16	24-Nov-16	0%	-70d						÷			1 1 1 1	- i i i	(from Main LVS	1 1 1
EM19022B	Cables and Accessories, Cable Containment System Installation	115d 18-Apr-16	02-Sep-16	96d	30-Nov-16	28-Mar-17	0%	148d -	68d										Cables	and Accessories,
EM19023B	Earthing and Lightning System Installation	210d 15-Dec-15	31-Aug-16	149d	31-Aug-15 A	17-Feb-17	29.05%		37d				_						1 1 1	htning System In:
EM19024B	Emergency Genset Installation	30d 08-Jul-16	11-Aug-16	30d	20-Jan-17	27-Feb-17			62d						/				1 1 1	enset Installation
EM19024D	Diesel Tank Installation	0d	_	20d	21-Nov-16	13-Dec-16	0%	-90d	-									Diesel Tank	- -	
EM19024P	Diesel Tank Pipework	0d		30d	14-Dec-16	20-Jan-17	0%	-90d						-				Dies	el Tank Pipewoi	d
EM19025B	Equipment at Gate House	12d 11-May-16	25-May-16	12d	19-Dec-16	04-Jan-17	0%		184d									Equipm	ent at Gate Hou	se
EM19030B	ELV System Installation	60d 22-Jun-16	31-Aug-16	60d	03-Dec-16	17-Feb-17	0%	-38d -	37d								_		ELV System In	
General		137d 18-Apr-16	29-Sep-16	169d	13-Oct-16	11-May-17		-117d -	178d										, , , , , ,	
EM19020B	Building Services and Management System	137d 18-Apr-16 125d 18-Apr-16	29-Sep-16 14-Sep-16	169d 125d	13-Oct-16 03-Dec-16	11-May-17 11-May-17		-117d -	178d 190d						////		<u> </u>		<u> </u>	Building Services
EM19050B	Platform & Handrails (FRP)	45d 08-Aug-16	29-Sep-16	45d	26-Nov-16	20-Jan-17	0%	-77d	-92d									Dlast	orm & Handrails	
EM19050B	Pipe Bridge (AD Link to Building 1 & 2) Footing	45d 08-Aug-16		45d	13-Oct-16	29-Oct-16	0%	-77d									Pipe Brid	- 1 1 1	to Building 1 &	3 3 1
EM19065B	Pipe Bridge (AD Link to Building 1 & 2) Structural Steelwork	Od		22d	22-Oct-16	16-Nov-16	0%	-75d	_											1 & 2) Structural S
EM19003B	Pipe Bridge (AD Link to Building 1 & 2) Structural Steemork Pipe Bridge (AD Link to Building 1 & 2) Installations	Od Od		45d	22-Nov-16	16-Nov-16	0%	-75d										1 1 1	1 1 1	to Building 1 & 2)
EM200060	Lifting Applicances, Monorail	0d		45d	08-Nov-16	31-Dec-16	0%	-52d											policances, Mon	
EM200070	Roller Shutters (Local)	0d		45d	26-Oct-16	16-Dec-16	0%	-41d										Roller Shutt	1 1 1	
EM200080	Roller Shutters (UK)	Od		45d	22-Nov-16	16-Jan-17	0%	-64d	_									1 1 1	Shutters (ŲK)	
Energisation of S		1d 28-Jul-16	28-Jul-16	28d	02-Feb-17	06-Mar-17		102d -	80d											
Enorgisation of S	- Inches and the second	1d 28-Jul-16	28-Jul-16	28d	02-Feb-17	06-Mar-17		102d -	180d					ļli					ļ <u>i</u>	
EN100050	Energisation of Switchboard (Transformer Room)	1d 28-Jul-16 0d	28-Jul-16	28d 1d	02-Feb-17 02-Feb-17	06-Mar-17 02-Feb-17		102d -	180d) Er	vergisation of S	vitchboard (Trans
EN100100	Energisation of Switchboard (Main LV Switchroom)	1d 28-Jul-16	28-Jul-16	1d	07-Feb-17	07-Feb-17			157d									l p	nergisation of	witchboard (Main
EN100150	Energisation of MCC (For Anaerobic Digestion System)	1d 28-Jul-16	28-Jul-16	12d	07-Feb-17	20-Feb-17			68d									1 1 1	1 1 1	MCC (For Anaer
			1			/				- 1 1	<u> </u>			<u> </u>			<u> </u>		giodilon 0	
1.4_up_17Aug16	6 Primary E	Racolina Astroite	,	C with -	nal 📤		atual Milaata-	0 D-	colina: 1	Contro	ot Drow-	mmo for 7	The Desir	an and C-	nstruction Wo	rke	Dog = 00 : 1	10	neint	27-Aug-16
	o i Primary E	Baseline Activity		Critic	aı 💙	• 🔻 A	ctual Mileston		semie. (ooniiia	טנידוטטול	annie IOI I	1116 D62[(gri aliu U0	กอแนบแบท ۷۷0	I 6/1	Page 38 of	40	pririt:	∠1-Aug-10

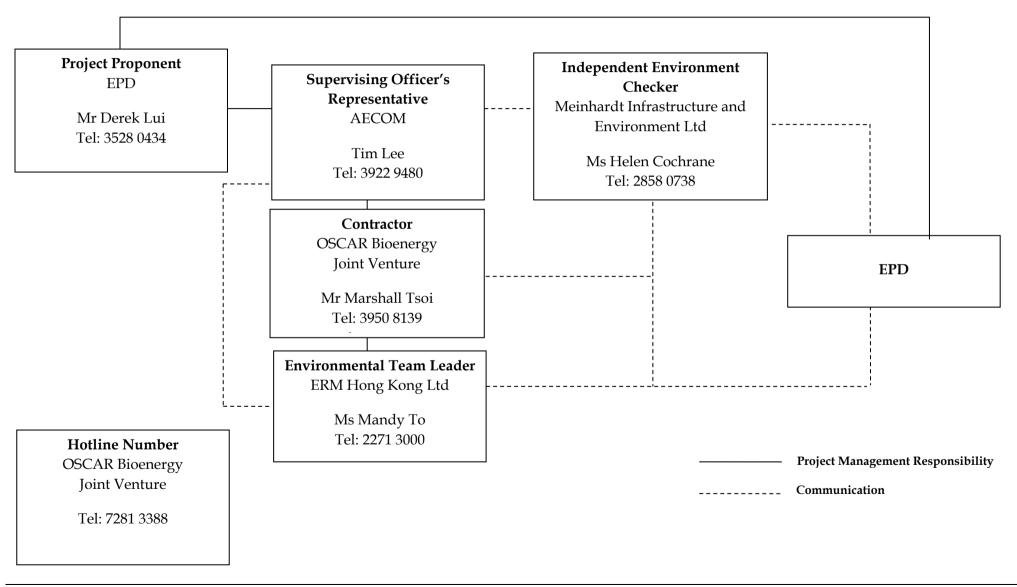
HKSAR	otection Department			Contrac							Contract Programme Programme	
	A state to A land					ent Faci	lities Phas			0045	2010	OSCAR BIOENER
Activity ID	Activity Name	BL Proje Durati	on Start	BL Project Finish	Remaining Duration	Stan	FINISN	Activity % Total Flo Complete	Dat Variance - BL Project Finish	Dec Jan Feb Mar Apr May Jun Jul Aug	Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep	
EN1002	,		1d 28-Jul-16	28-Jul-16	18d	07-Feb-17	27-Feb-17	0% -14	8d -174d		<u> </u>	Energisation of MCC (For Waste
EN1002	Energisation of MCC (For Composting	system)	1d 28-Jul-16	28-Jul-16	24d	07-Feb-17	06-Mar-17	0% -10	-180d			Energisation of MCC (For Com
EN1002	Energisation of MCC (For Dewatering	System)	Od		24d	07-Feb-17	06-Mar-17	0% -10	12d			Energisation of MCC (For Dew
EN1003	Energisation of MCC (For Waste Rece	ring and Pre-Traetment System)	1d 28-Jul-16	28-Jul-16	18d	07-Feb-17	27-Feb-17	0% -14	8d -174d			Energisation of MCC (For Waste
EN1003	Energisation of MCC (For Centralized A	r Pollution System)	1d 28-Jul-16	28-Jul-16	12d	07-Feb-17	20-Feb-17	0% -14	2d -168d			Energisation of MCC (For Centrali
EN1004	00 Energisation of MCC (For Heat Recove	ry and Power Generation System)	Od		12d	07-Feb-17	20-Feb-17	0% -14	2d			Energisation of MCC (For Heat Re
EN1004	Energisation of MCC (For Biogas Stora	ge and Cleaning System)	Od		12d	21-Feb-17	06-Mar-17	0% -14	4d			Energisation of MCC (For Bioga
	AND COMMISSIONING		9d 29-Jul-16 4d 29-Jul-16	16-Mar-17 07-Jan-17	198d 86d	17-Jan-17 17-Jan-17	16-Sep-17 06-May-17		1d -150d			
Site Acce	ptance rest (3A1) - Incl. Hydraulic testing o		4d 29-Jul-16	07-Jan-17	86d	17-Jan-17	-		11d -93d			
TC1001	00 SAT of Pretreatment System Line I		4d 29-Jul-16 7d 15-Sep-16	07-Jan-17 19-Oct-16	86d 14d	17-Jan-17 24-Feb-17	06-May-17 11-Mar-17		11d -93d 19d -117d		<u></u>	■ SAT of Pretréatment System Lir
TC1001			Od		13d	23-Mar-17	07-Apr-17	0% -14				SAT of Pretreatment Syste
TC1001	<u> </u>		0d		14d	17-Jan-17	04-Feb-17		18d			SAT of Comptessed Air System
TC1001			0d 13-Sep-16	20-Oct-16	16d	21-Feb-17	10-Mar-17		6d -115d			■ SAT of Digestion System
TC1001			Od Od		10d	06-Feb-17	16-Feb-17		18d			SAT of Hot Water System
TC1001	<u> </u>		0d 01-Dec-16	07-Jan-17	26d	24-Feb-17	25-Mar-17		3d -63d			SAT of Heat Recovery and F
TC1002			Od OT-Dec-10	2. 50. 17	3d	21-Feb-17	23-Feb-17		i3d -03d			SAT of CEMS
TC1002			0d 09-Nov-16	13-Dec-16	26d	27-Jan-17	01-Mar-17		2d -61d			
TC1002			1d 29-Jul-16	27-Sep-16	26d	27-Jan-17 07-Feb-17	13-Feb-17		4d -111d			SAT of Biogas Network System SAT of Wastewater - Primary Treatm
TC1003	·	·	1d 29-Jul-16 0d	21-26h-10	6d 4d	14-Mar-17	13-Feb-17 17-Mar-17		-111d			SAT of Wastewater - Primary Treatn SAT of Ammonia Stripper Plant
TC1003			Od Od		16d	20-Jan-17	17-Mar-17 10-Feb-17		19d		 	SAT of Process Water + Recycling
	, ,											SAT of Wastewater - Biolo
TC1003		·	0d		17d	18-Mar-17	07-Apr-17		11d			SAT of Treated Effuent Sy
TC1003			0d		2d	08-Apr-17	10-Apr-17		11d			SAT of FeCl3 Storage and Dos
TC1003	0 0,		0d		6d	13-Mar-17	18-Mar-17		57d			SAT of NaOH Storage and D
TC1003			0d		8d	20-Mar-17	28-Mar-17		i7d			SAT of H2SO4 Storage and
TC1003	, , , , , , , , , , , , , , , , , , ,		0d		3d	11-Apr-17	13-Apr-17		i9d			
TC1003	, , , , , , , , , , , , , , , , , , ,		Od		3d	13-Apr-17	19-Apr-17		i9d			■ SAT of Na∳Cl Storage a
TC1003			1d 26-Aug-16	27-Oct-16	11d	11-Feb-17	23-Feb-17		9d -96d			SAT of Air Treatment Building 1
TC1003			Od		7d	01-Apr-17	10-Apr-17	0% -6	i9d			SAT of Air Treatment Build
TC1003			Od		13d	01-Apr-17	20-Apr-17	0% -7	'0d			SAT of Air Treatment Otl
TC1004	00 SAT of Composting System	4:	3d 14-Nov-16	05-Jan-17	24d	03-Apr-17	06-May-17	-8	-95d			SAT of Composting S
TC1004			Od		13d	24-Feb-17	10-Mar-17	0% -7	'9d			SAT of Centrifugal System
TC1004			9d 29-Jul-16	12-Sep-16	2d	18-Mar-17	20-Mar-17	0% -4	6d -153d			SAT of Weighbridge System
TC1004	SAT of Vehicle Wash + Bunker Cleaning	System	Od		14d	18-Mar-17	03-Apr-17	0% -5	i8d			SAT of Vehicle Wash + Bun
TC1004			0d		14d	21-Mar-17	06-Apr-17	0% -6	60d			SAT of Building Services S
System C General S	Commissioning (24 hours, with ER/IC Approversells)		6d 20-Oct-16 6d 20-Oct-16		74d 74d	06-Feb-17 06-Feb-17	09-May-17 09-May-17		-85d -85d -85d			
		7(6d 20-Oct-16		74d	06-Feb-17	09-May-17	-3	8d -85d			L Compressed Air Statem System Co
TC1100			Od		2d	06-Feb-17	07-Feb-17		88d			Compréssed Air System - System Comm
TC1100			Od		2d	17-Feb-17	18-Feb-17		18d			Hot Water System - System Comm
TC1100			0d		3d	11-Feb-17	14-Feb-17		6d			Process Water + Recycling - System
TC1100			0d		3d	24-Feb-17	26-Feb-17		4d			II. Air Treatment Building 1 - \$ystem
TC1101	·		1d 20-Oct-16	20-Oct-16	4d	12-Mar-17	15-Mar-17		9d -146d			Pre-Treatment Line I - System
TC1101			Od		4d	08-Apr-17	11-Apr-17		2d			■ Pre-Treatment Line II - S
TC1101		ess Startup	1d 21-Oct-16	21-Oct-16	1d	11-Mar-17	11-Mar-17		2d -141d			Digestion System - Preparation
TC1103			1d 14-Dec-16	14-Dec-16	1d	02-Mar-17	02-Mar-17		6d -78d			Biogas Network System - Systen
TC1103			1d 08-Jan-17	08-Jan-17	1d	26-Mar-17	26-Mar-17		'6d -77d			Biogas to Electricity - Cogen
TC1103			Od		4d	14-Feb-17	17-Feb-17		9d			■ Wastewater - Primary Treatment S
TC1105			1d 11-Jan-17	11-Jan-17	3d	08-Apr-17	10-Apr-17		7d -89d			■ Wastewater Biological Tre
TC1105	Air Treatment Building 2 - System Comm	ssioning	Od		3d	11-Apr-17	13-Apr-17	0% -7	'9d			
TC1105	70 Air Treatment Others - System Commis	ioning	0d		4d	21-Apr-17	24-Apr-17	0% -9	10d			■ Air Treatment Others
TC1106	Composting System - Preparation for Pr	ocess Startup	1d 13-Jan-17	13-Jan-17	3d	07-May-17	09-May-17	0% -10	-116d			Composting System
v1.4_up_17	Aug16	Primary Baseline	Activi	ity	Criti	cal	♦ Act	ual Milestone	Baseli	: Contract Programme for The D	lesign and Construction Works	ge 39 of 40 print: 27-Aug-16 1
···	-TM-0061-A, Date: 27-Aug-2016		◆ Miles	,	Actu				v1.4		Fa(© Oracle Corpora

nvironi f the H	mental Protectior KSAR	n Department		Oracan	Contrac				1							Cont	ract F	rogra	mme	Progr	ess U	Jpdat	ed on 17-A	_
# Ac	tivity ID	Activity Name		BL Project BL Projec	ic Waste	Remaining	nt Fact	Hues Pha		Total Float Varia	nce -			2015					2016				2017	INEKG I
				Duration Start	Finish	Duration	44.1.		Complete	BL P	oject Inish Nov	Dec Jan F	eb Mar Apr		I Aug Sep Oc	ct Nov Dec	Jan Feb Ma	ar Apr May	Jun Jul	Aug Sep Oct	Nov Dec	Jan Feb M	ar Apr May Jun Jul	
198	TC110700	Centrifugal System - Preparation for Process Sta	artup	1d 15-Jan-17		1d	11-Mar-17	11-Mar-17			-55d								7			' '	Centrifugal System - Pr	
99	TC110750	Weighbridge System - System Commissioning		1d 16-Jan-17		1d	21-Mar-17	21-Mar-17		-57d	-64d								/			•	Weighbridge System	
0	TC110850	Vehicle Washing + Bunker Cleaning - System Co		1d 18-Jan-17		2d	04-Apr-17	05-Apr-17		-71d	-77d	ļļļ.									1	·	Vehicle Washing +	
1	TC110900	Master Control System - SCADA/PLC System - S	, ,	1d 19-Jan-17	19-Jan-17	1d	06-Apr-17	06-Apr-17		-19d	-77d							L					Master Control Sy Ammpnia Stripper Pla	1 1 1
2	TC112200	Ammonia Stripper Plant - System Commissioning		Od		3d	18-Mar-17	21-Mar-17		-46d														1 1 1
3	TC112210	Building Services System (To Adsorption Chiller & Commissioning	& Water System - Bldg.1 Loop) - System	0d		1d	07-Apr-17	07-Apr-17		-60d													Building Services	
4	TC112220	CEMS - System Commissioning		Od		3d	24-Feb-17	27-Feb-17	0%	-39d													CEMS - System Commis	1 1 1
5	TC112230	FeCl3 Storage and Dosing System - System Con	mmissioning	0d		3d	20-Mar-17	22-Mar-17	0%	-47d													FeCl3 Storage and D	1 1 1
	TC112240	H2SO4 Storage and Dosing System - System Co	ommissioning	0d		3d	18-Apr-17	20-Apr-17	0%	-67d													H2SO4 Storage	
	TC112260	NaOCI Storage and Dosing System - System Co	ommissioning	0d		3d	20-Apr-17	22-Apr-17	0%	-69d													NaOCI Storage	and Dosing S
	TC112270	NaOH Storage and Dosing System - System Cor	mmissioning	0d		4d	29-Mar-17	01-Apr-17	0%	-56d													NaOH Storage and	Dosing Syste
	TC112290	Treated Effuent System - System Commissioning	g	0d		3d	11-Apr-17	13-Apr-17	0%	-65d													■ Treated Effuent S	ystem - Syste
7	Process Startup, F	Process Commissioning & Plant Commiss	sioing (with ER/IC Approval)	146d 22-Oct-16	16-Mar-17	158d	12-Apr-17	16-Sep-17		2d	184d													
-1	Process Start up (inc Digestor Seeding	cl. 30 Days Stabilization)		90d 22-Oct-16		119d 110d	12-Apr-17 21-Apr-17	08-Aug-17 08-Aug-17			201d 201d													
	PS900050	Heating System		0d	.5 001-17	5d	21-Apr-17	25-Apr-17		-182d	_0.0									_			■ Heating System	n
	PS900100	Inertization of Anaerobic Digester No 1		7d 22-Oct-16	28-Oct-16	5d	21-Apr-17	25-Apr-17	0%	-182d	179d							+++		-	-		Inertization of A	naerobic Dige
-11	PS900150	Digester 1 (PRV + mixing 1&2 + heating 1) (Seed	ding + Ramp up + 30 days stabilization)	14d 29-Oct-16	11-Nov-16	110d	21-Apr-17	08-Aug-17	0%	-182d	270d												 	Digester
-	PS900210	AD 1 Full	•	0d		0d		30-Apr-17		51d		 - -						+++		<u>-</u>			♦ AD 1 Ful	
-	PS900260	Raw Process Water Production		0d		0d		20-May-17		-117d													Raw Proc	ess Water Pr
	PS900310	Stripped Process Water Production		0d		0d		09-Jun-17		-137d													◆ Strippe	ed Process W
$-\mathbf{I}$	PS900360	End of Ramp Up		0d		0d		14-Jul-17		-171d													•	End of Ramp
																								sibgas to CHIP
	PS900410	Biogas to CHP		0d		0d		09-Jul-17		-181d		ļļ.									ļļļ			◆ Plant Sta
4	PS900460	Plant Start-up Consent		0d		0d		08-Aug-17		-182d									_	-				
	PS900600	Digester 2 (&PRV)		30d 20-Dec-16	18-Jan-17	30d	01-May-17	30-May-17			132d										+	-	1 1 1 1	2 (&PRV)
	PS900660	AD2 Full		Od		0d		29-Jun-17	0%	51d									\rightarrow	>			♦ AD	Z Full
	PS900750	Digester 3 (PRV + heating 3 + mixing 3)		30d 21-Dec-16	19-Jan-17	30d	30-Jun-17	29-Jul-17	0%	51d	191d						*				+	-		Digester 3
-1	Process Startup PS900420	Start-Up of Pre-Treatment System		29d 19-Dec-16	16-Jan-17	118d 15d	12-Apr-17 12-Apr-17	07-Aug-17 26-Apr-17		-181d -78d	203d								-				Start-Up of Pre	-Treatment S
4	PS900450	Start-Up of Dewatering System		15d 19-Dec-16	02-Jan-17	15d	21-May-17				153d								\rightarrow	7				
					02-Jan-17		-	04-Jun-17			1550						•							of Dewaterin Start-Up of I
4	PS900470	Start-Up of Biogas to ELECTRICITY - CHP		0d		15d	10-Jul-17	24-Jul-17		-181d										1				
	PS900480	Start-Up of Biological Waste Water Plant		Od		15d	10-Jun-17	24-Jun-17		-137d														t-Up of Biolog
	PS900490	Start-Up of CAPCS		Od		14d	10-Jun-17	23-Jun-17		-136d										-	1 1 1			
	PS900500	Start-Up of Composting System		14d 03-Jan-17	16-Jan-17	14d	15-Jul-17	28-Jul-17	0%	-171d	193d						<				-	-		Start-Up of
	PS900510	Start-Up of Vehicle Wash		0d		14d	15-Jul-17	28-Jul-17	0%	-171d									\rightarrow	-			-	Start-Up of
	PS900520	Start-Up of CEMS		0d		14d	25-Jul-17	07-Aug-17	0%	-181d													'	Start-Up
4	Processs and Plant (Commissioning		30d 15-Feb-17		71d	08-Jul-17	16-Sep-17			184d 184d													
-	PS900810	Deadline of Supply Agreement with CLP		30d 15-Feb-17 0d	16-Mar-17	71d 0d	08-Jul-17	16-Sep-17 08-Jul-17		-182d -137d	1040	-									† 			eadline of Su
-1	PS900820	Grid Connection Scheme Agreement (GCA) Sign	ned with CLP	0d		0d		08-Jul-17	0%	-137d													♦ G	rid Connectio
\dashv	PS900830	Commissioning of Phasor Measurement Units (P	PMU)	0d		26d	09-Aug-17	03-Sep-17		-169d														Com
-1	PS900900	Process & Plant Commissioning		30d 15-Feb-17	16-Mar-17	39d	09-Aug-17	16-Sep-17			184d							+++	+	7				p
-	PS900950	Connection with the CLP Grid		0d		0d	3 1	16-Sep-17		-182d								+++						♦ ¢
				1d 16-Mar-17	17-Mar-17	0d	16-Sep-17	17-Sep-17		-182d	183d	ļļ-							/	7				
	COMPLETION OF	- THE WORKS		1d 16-Mar-17		0d	16-Sep-17				183d													
4				1d 16-Mar-17	17-Mar-17	0d	16-Sep-17	17-Sep-17		-182d	183d													
4	KD100360	Completion of the Design and the Works includin	ng Testing and Commissioning (Extended	1d 16-Mar-17	17-Mar-17 16-Mar-17	0d 0d	16-Sep-17				183d 184d													♦ c
4	KD100380	Completion Date: 18-Mar-17) Commencement of the Operation	ng rooming (Extended	0d 17-Mar-17		Od Od	17-Sep-17*	10-оер-17	0%		183d	ļ <u> </u> -									ļļļ		<u> </u>	↓ ¢
_	KD 100360	commencement of the Operation		Od 17-Mai-17		00	17-5ер-17		0%	-1020	1830									<u> </u>	<u> </u>		<u> </u>	
	1.4_up_17Aug16 ·OSC-00-0-TM-00	061-A, Date: 27-Aug-2016	Primary Baseline ♦ Saseline Milestone	Activ ♦ Mile	,	Critica Actua	al ﴿ I Work	> • A	Actual Miles	stone B		: Contrac	et Program	nme for Th	ne Design a	and Cons	struction \	Works		Page	40 of 4	10	print: 27-Aug © Oracle Co	

Annex D

Project Organization Chart with Contact Details

Project Organization During Construction Phase (with contact details)



Annex E

Implementation Schedule of Mitigation Measures

Annex E Summary of Mitigation Measures Implementation Schedule

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
Cummaru		l al Mitigation Measures in the EIA and EM&A Manual		
	ir Quality	ut tyttiguton tyteusures in the E111 unu Elytott tyturuut		
3.73	2.5	Air Pollution Control (Construction Dust) Regulation & Good Site Practices	Construction Site / During	<>
3.73	2.3	Use of regular watering, with complete coverage, to reduce dust emissions from exposed	Construction Period	~
		site surfaces and unpaved roads, particularly during dry weather.	Construction remod	
		• Use of frequent watering for particularly dusty construction areas and areas close to ASRs.		
		• Side enclosure and covering of any aggregate or dusty material storage piles to reduce		
		emissions. Where this is not practicable owing to frequent usage, watering should be applied		
		to aggregate fines.		
		Open stockpiles should be avoided or covered. Where possible, prevent placing dusty		
		material storage piles near ASRs.		
		Tarpaulin covering of all dusty vehicle loads transported to, from and between site		
		locations.		
		• Establishment and use of vehicle wheel and body washing facilities at the exit points of the		
		site.		
		• Provision of wind shield and dust extraction units or similar dust mitigation measures at the		
		loading points, and use of water sprinklers at the loading area where dust generation is likely		
		during the loading process of loose material, particularly in dry seasons/ periods.		
		• Imposition of speed controls for vehicles on unpaved site roads. 8 kilometers per hour is the		
		recommended limit.		
		• Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs.		
		• Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be		
		covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides.		
		• Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible		
		high level alarm which is interlocked with the material filling line and no overfilling is		
		allowed.		
		• Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be		
		carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted		
		with an effective fabric filter or equivalent air pollution control system.		
	lazard to Life			
4.102	3.3	Construction Phase	Construction Site / During	$\sqrt{}$
		• The number of workers on site during construction stage should be kept at the same level as	Construction Period	

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		the assessment. Construction works should be suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of chlorine takes place. The assessment of the suspended when delivery of the suspended when delivery o		
		should be consulted during the development of Emergency procedures. Diagram showing the escape routes to a safe place should be posted in the site notice boards and at the entrance/exit of site. A copy of the latest version emergency procedures should be dispatched to Tung Chung Fire Station for reference once available. • The emergency procedures should specify means of providing a rapid and direct warning		
		 (e.g. Siren and Flashing Light) to construction workers in the event of chlorine gas release in the SHWWTW. • The Contractor should establish a communication channel with the SHWWTW operation personnel and FSD during construction stage. In case of any hazardous incidents in the treatment works, operation personnel of SHWWTW should advise the Contractor to inform construction workers to proceed with emergency procedure. The Contractor should appoint a Liaison Officer to communicate with FSD Incident Commander on site in case of emergency. • Introduction training should be provided to any staff before carryout construction works at the Project site. • Periodic drills should be coordinated and conducted to ensure all construction personnel are familiar with the emergency procedures. Upon completion of the drills, a review on every step taken should be conducted to identify area of improvement. Prior notice of periodic drills 		
G IA		should be given to Station Commander of Tung Chung Fire Station. Joint operational exercise with FSD and SHWWTW is recommended.		
5.44	Vater Quality 4.5	Construction site run-off and general construction activities: The mitigation measures as outlined in the ProPECC PN 1/94 Construction Site Drainage should be adopted where applicable.	Construction Site / During Construction Period	<>
5.45	4.5	Excavation of Soil Materials The construction programme should be properly planned to minimise soil excavation, if any, in rainy seasons. This prevents soil erosion from exposed soil surfaces. Any exposed soil surfaces should also be properly protected to minimise dust emission. In areas where a large amount of exposed soils exist, earth bunds or sand bags should be provided. Exposed stockpiles should be covered with tarpaulin or impervious sheets at all times. The stockpiles of	Construction Site / During Construction Period	√

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		materials should be placed at locations away from any stream courses so as to avoid releasing materials into the water bodies. Final surfaces of earthworks should be compacted and protected by permanent work.		
5.46	4.5	Accidental spillage of chemicals: Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Construction Site / During Construction Period	V
5.47	4.5	Maintenance of vehicles and equipments involving activities with potential for leakage and spillage should only be undertaken within the areas which appropriately equipped to control these discharges.	Construction Site / During Construction Period	1
5.48	4.5	Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal.	Construction Site / During Construction Period	<>
5.49	4.5	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: • Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport. • Chemical waste containers should be suitably labeled, to notify and warn the personnel who are handling the wastes, to avoid accidents. • Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	Construction Site / During Construction Period	<>
5.50		Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid entering to the nearby watercourses. Stockpiles of cement and other construction materials should be kept covered when not being used. Rubbish and litter from construction sites should also be collected to prevent spreading of rubbish and litter from the site area. It is recommended to clean the construction sites on a regular basis.	Construction Site / During Construction Period	<>
5.51	4.5	Sewage Effluent	Work site/During the	√

The presence of construction workers generates sewage. It is recommended to provide sufficient chemical toilets in the works areas. The toilet facilities should be more than 30m from any watercourse. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis. 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 are provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site. Nullatin Decking To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable: The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low. The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed. Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works. Stockpiling of construction materials and dusty materials should be covered and located away from the nullah and any water courses during carrying out of the construction works. Construction definent, site run-off and sewage should be properly collected and/or treated. Any works site in side the nullah should be temporarily stolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality. Proper shoring may need to be erected in order to prevent soil/mud from slipping into the nullah and nearby watercourse.		EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site. 5.53 4.5 Nullah Decking To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable: • The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low. • The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed. • Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works. • Stockpiling of construction materials and dusty materials should be covered and located away from the nullah any water courses. • Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nullah and nearby water receivers. • Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the nullah, where practicable. • Construction effluent, site run-off and sewage should be properly collected and/or treated. • Any works site inside the nullah should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality. • Proper shoring may need to be erected in order to prevent soil/mud from slipping into the nullah and nearby watercourse.			sufficient chemical toilets in the works areas. The toilet facilities should be more than 30m from any watercourse. A licensed waste collector should be deployed to clean the chemical	construction period	
To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable: • The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low. • The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed. • Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works. • Stockpiling of construction materials and dusty materials should be covered and located away from the nullah and nearby water receivers. • Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nullah and nearby water receivers. • Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the nullah, where practicable. • Construction effluent, site run-off and sewage should be properly collected and/or treated. • Any works site inside the nullah should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality. • Proper shoring may need to be erected in order to prevent soil/mud from slipping into the nullah and nearby watercourse.	5.52	4.5	sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on	,	√ ·
Supervisory stair should be assigned to station	5.53	4.5	To minimize the potential water quality impacts from the nullah reconstruction works, the practices outlined below should be adopted where applicable: • The proposed works should be carried out within the dry season between October and March when the flow in the open nullah is low. • The use of less or smaller construction plants may be specified to reduce the disturbance to the nullah bed. • Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the nullah and any water courses during carrying out of the construction works. • Stockpiling of construction materials and dusty materials should be covered and located away from the nullah any water courses. • Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nullah and nearby water receivers. • Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the nullah, where practicable. • Construction effluent, site run-off and sewage should be properly collected and/or treated. • Any works site inside the nullah should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the water quality. • Proper shoring may need to be erected in order to prevent soil/mud from slipping into the		N/A
D. Waste Management	D. Wa	ıste Managem	ient	1	
6.41 5.4 Good Site Practices Work Site / During <>				Work Site / During	<>

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		Recommendations for good site practices during the construction phase would include: Obtain relevant waste disposal permits from appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354) and subsidiary Regulations and the Land (Miscellaneous Provisions) Ordinance (Cap. 28); Provide staff training for proper waste management and chemical handling procedures; Provide sufficient waste disposal points and regular waste collection; Provide appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; Carry out regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; Separate chemical wastes for special handling and disposed of to licensed facility for treatment; and Employ licensed waste collector to collect waste.	Construction Period	
6.42	5.5	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: • Design foundation works that could minimise the amount of excavated material to be generated; • Provide training to workers on the importance of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; • Sort out demolition debris and excavated materials from demolition works to recover reusable/ recyclable portions (i.e. soil, broken concrete, metal etc.); • Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Encourage the collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce; and • Plan and stock construction materials carefully to minimize the amount of waste to be generated and to avoid unnecessary generation of waste.	Work Site/During Design & Construction Period	
6.44	5.7	Excavated and C&D Materials In order to minimise the impact resulting from collection and transportation of C&D material for off-site disposal, the excavated material arising from site formation and foundation works should be reused on-site as backfilling material and for landscaping works as far as practicable. Other mitigation requirements are listed below: • A WMP, which becomes part of the Environmental Management Plan (EMP), should be prepared in accordance with ETWB TCW No.19/2005;	Work Site/During Design & Construction Period	√ ·

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
		 A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites) should be adopted for easy tracking; and In order to monitor the disposal of excavated and C&D material at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to ETWB TCW No. 31/2004). 		
6.45 - 6.46	5.8 - 5.9	An EMP should be prepared and implemented in accordance with ETWB TCW No. 19/2005 which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from construction activities. The EMP should be submitted to the Supervising Officer (SO) and Supervising Officer's Representative (SOR) for approval. The EMP should be reviewed regularly and updated, preferably on a monthly basis. A system should be devised to work for on-site sorting of excavated and C&D materials and promptly removing all sorted and process materials arising from the construction activities to minimize temporary stockpiling on-site. The system should be included in the EMP identifying the source of generation, estimated quantity, arrangement for on-site sorting, collection, temporary storage areas and frequency of collection by recycling Contractors or frequency of removal off-site.	Work Site/During Design & Construction Period	
6.47	5.10	Chemical Waste Should chemical wastes be produced at the construction site, the Contractor would be required to register with EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste (such as explosive, flammable, oxidizing, irritant, toxic, harmful, or corrosive). The Contractor should employ a licensed collector to transport and dispose of the chemical wastes, to either the CWTC in Tsing Yi, or any other licensed facilities, in accordance with the Waste Disposal (Chemical Waste) General) Regulation.	Work Site / During Construction Period	
6.48	5.11	General Refuse General refuse should be stored in enclosed bins or compaction units separated from C&D material. A licensed waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	Work Site / During Construction Period	<>
E. L	andscape and \	Visual		
7.99 & Table 7.7	Table 6.1	 Construction Phase Topsoil, where identified, should be stripped and stored for re-use in the construction of the 	Work site/During Design & Construction Stages	V

EIA Ref.	EM&A Log Ref.	Environmental Protection Measures	Location/ Timing	Status
	3	 soft landscape works, where practical Compensatory tree planting should be provided to compensate for felled trees. Compensation tree species shall be chosen from both indigenous and ornamental species Compensatory tree planting quantities shall be as per DLO approved requirement. Control of night-time lighting Erection of decorative screen hoarding compatible with the surrounding setting 		
F. N	loise			
8.25	7.3	Good Site Practice: Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program; Mobile plant, if any, should be sited as far from noise sensitive receivers (NSRs) as possible; Machines and plant (such as trucks) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	Work site/During Design & Construction Stages	√

Remark:

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

Annex F

Waste Flow Table

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

		Actual Quant	ities of Inert C&D Mate	•	ury vvuote 110.		ntities of Non	-inert C&D Ma	terials (Construction	on Waste) Generated
Month	Total Quantity Generated	Reused in the Contract	Reused in other Projects	Hard Rocks & Large Broken Concrete	Disposed as Public Fill	Metals (see Note 1)	Paper/ cardboard packaging (see Note 1)	Plastics (see Note 2)	Chemical Waste	Others, e.g. general refuse (see Note 3)
	tonne	tonne	tonne	tonne	tonne	kilogram	kilogram	kilogram	Litre	tonne
May 2015	29.58	0.00	0.00	0.00	29.58	0.00	0.00	0.00	0.00	0.00
June 2015	2226.90	0.00	0.00	0.00	2226.90	0.00	0.00	0.00	0.00	9.66
July 2015	2832.27	0.00	0.00	0.00	2832.27	0.00	0.00	0.00	0.00	33.68
August 2015	6657.25	0.00	0.00	0.00	6657.25	0.00	20.00	0.00	0.00	55.06
September 2015	5467.05	0.00	0.00	0.00	5467.05	3480.00	0.00	0.00	0.00	83.81
October 2015	5419.04	0.00	0.00	0.00	5419.04	18710.00	0.00	0.00	0.00	20.45
November 2015	1375.26	0.00	0.00	0.00	1375.26	21610.00	0.00	0.00	0.00	17.38
December 2015	2199.56	75.28	0.00	0.00	2124.28	0.00	41.00	0.00	0.00	21.83
January 2016	4601.43	0.00	0.00	0.00	4601.43	18140.00	50.00	0.00	640.00	20.86
February 2016	4166.42	0.00	0.00	0.00	4166.42	510.00	79.00	0.00	0.00	16.57
March 2016	299.92	41.28	0.00	0.00	258.64	22320.00	75.00	0.00	0.00	22.69
April 2016	3186.37	98.37	0.00	0.00	3088.00	60690.00	77.00	0.00	255.00	37.63
May 2016	1612.33	63.41	0.00	0.00	1548.92	13490.00	0.00	0.00	0.00	40.76
June 2016	1144.73	0.00	30.43	0.00	1114.30	14.460	0.120	0.00	0.00	58.34
July 2016	662.76	0.00	0.00	0.00	662.76	13.370	0.000	0.00	0.00	40.48
August 2016	391.88	0.00	0.00	0.00	391.88	18.660	0.084	0.00	0.00	61.91
Total	42272.75	278.34	30.43	0	41963.98	158996.5	342.204	0	895	541.11

Notes:

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

Annex G

Environmental Complaint, Environmental Summons and Persecution Log

Annex G Cumulative Complaint and Summons/Prosecutions Log

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

Annex H

Investigation Report of Environmental Non-Compliance

INVESTIGATION REPORT

OSCAR Bioenergy Joint Venture

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

Non-Compliance Investigation Report

27 September 2016

Environmental Resources Management

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

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

Non-Compliance Investigation Report

27 September 2016 Reference 0279222

For and on beha	alf of ERM-Hong Kong, Limited
Approved by:	Frank Wan
Signed:	hladish J
Position:	Partner
Certified by: (Envir	onmental Team Leader – Mandy To)
Certified by: (Independent	Environmental Checker - Helen Cochrane)
Date:	27 September 2016

Investigation Report of Environmental Non-Compliance

Date	25 Aug 2016			
Time	09:45 a.m.			
Monitoring Location	Temporary waste water treatment facilities at P1 of the Site (Detailed location and photos shown on the marked drawing DR-PSC-00-0CN-1005 attached as Appendix A)			
Weather	Fine			
Parameter	Water (WPCO Effluent Discharge License attached as Appendix B)			
Incident Description	 Po Shing is OSCAR's civil work subcontractor who is responsible to construct, operate and maintain the site waste water treatment facilities. In mid-August 2016, OSCAR requested Po Shing to replace the honeycomb filter of a sedimentation tank in order to ensure the site waste water treatment facilities can maintain its performance. On 25 August 2016, Po Shing assigned a worker to carry out some preparation works for filter replacement by using some water to clean the sedimentation tank (Cleaning procedure attached as Appendix C). During the cleaning process, the labour mistakenly disconnected the piping between the sedimentation tank and the subsequent waste water treatment tank. The washing water flowed out through the overflow pipe to the ground. Some of excess washing water eventually split into the Nullah for about 5 minutes. Sand bag were provided along the edge of Nullah since March 2016 to avoid surface runoff entering the Nullah from P1 (Photos attached as Appendix D). During the incident period, the sand bags were still placed there. 			
Action Taken / Action to be Taken	 Upon becoming aware of this incident, OSCAR immediately stopped the cleansing process and all operations relating to the waste water treatment tank in the morning of 25 August 2016. Two water samples had been taken under the supervision of EPD's and ER's representatives. The first water sample was taken at the discharge point on 25 August 			

	2016 and failed to pass the standards stipulated in the WPCO Effluent Discharge License. A second water sample was taken on 9 September 2016 which complied with the standards in the WPCO Effluent Discharge License. (The laboratory testing reports were attached as Appendix E). 3. During the period where the wastewater treatment plant was not in operation, effluent was firstly collected in a sump pit for participation and soak away before pumping to the sedimentation tank. 4. Cleaning process will be resumed once training is provided. During cleaning, all works will be carried out under close supervision of the assigned competent persons. 5. Contractor will use concrete to properly cover all the sand bags and stabilize the sands dropped from broken sand bags to avoid the sands washed into the Nullah by surface runoff.
Remedial Works and Follow-up Actions	After the event, OSCAR immediately enforce the following actions to prevent the recurrence of the similar incident:
	 In-House Rule A set of in-house rules to govern the procedures of operation and maintenance for the waste water treatment system will be prepared and strictly imposed on site, which include the designation of competent person and the correct method of cleaning the tanks. Training Training has been provided to the site personnel for the operation and maintenance of the waste water treatment system, particularly during maintenance and dismantling any part of the waste water treatment system (Training record is attached as Appendix F). Supervision OSCAR will assign site supervisor to monitor future filter replacement works to ensure that all washing water will be retained in the waste water treatment tank and treated before discharge.

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

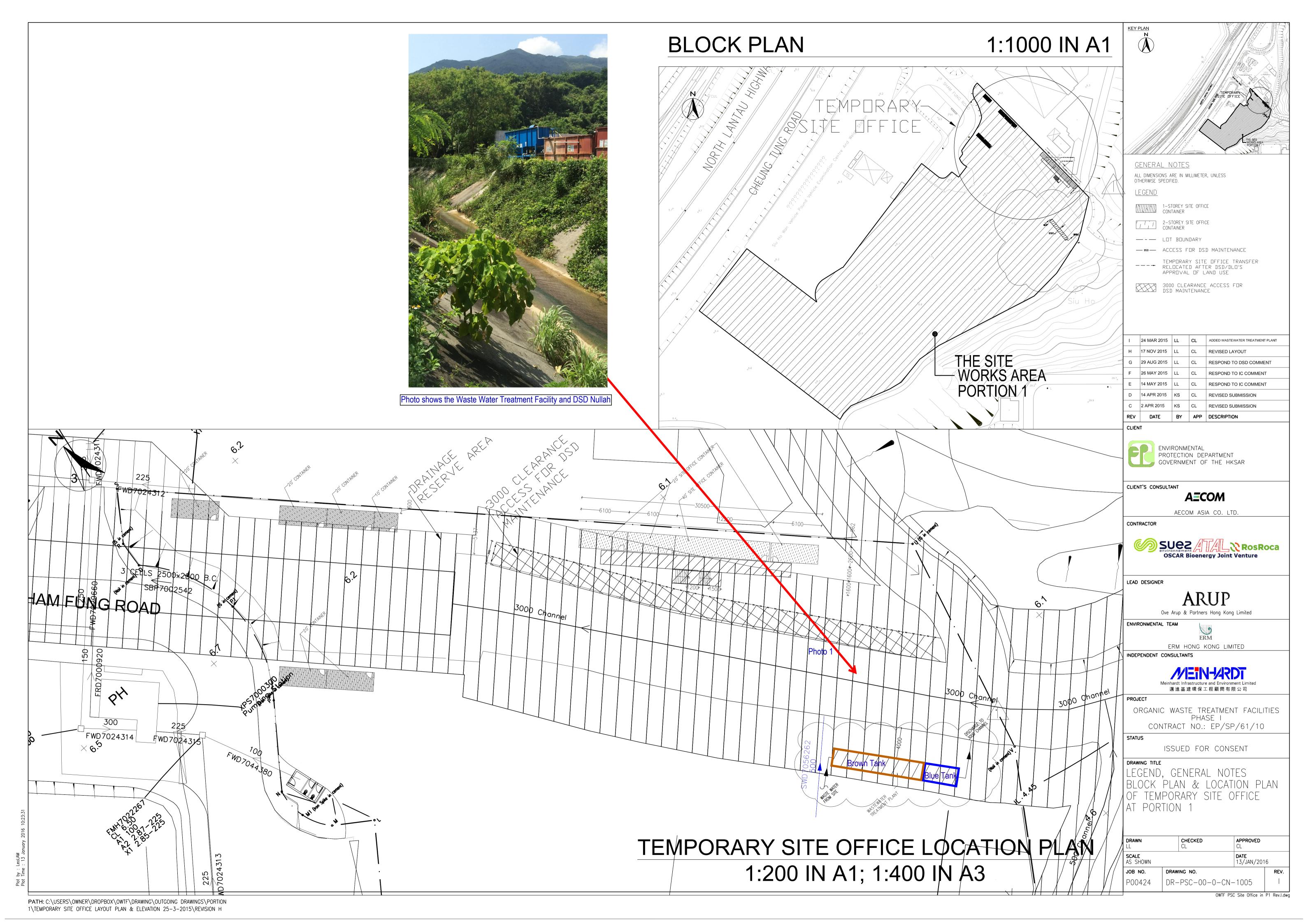
Operation of the wastewater treatment plant will
be resumed upon notification to the Independent
Consultant and the Engineer Representative.

Prepared by: Leah Pak, ET representative

Date 28-September-2016

Appendix A

Project Layout



Appendix B

WPCO Effluent Discharge License

本署檔號

Our Ref.: (11) in EP/RW/0000372289

來函檔號 Your Ref.:

電子郵件

E-mail:

電 話 Tel. No.: 2417 6064

圖

圖文傳真 Fax. No.: 2411 3073

網址

Homepage: http://www.epd.gov.hk/

Environmental Protection Department Environmental Compliance Division Regional Office (West)

8/F, Tsuen Wan Government Offices, 38 Sai Lau Kok Road, Tsuen Wan, New Territories



BY REGISTERED POST

OSCAR Bioenergy Joint Venture 2801 Island Place Tower, 510 King's Road, North Point, Hong Kong 2 1 MAY 2015

Dear Sir / Madam,

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

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

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

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

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

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

Yours faithfully,

(LAM Ka-ho)

for Director of Environmental Protection

Encl.: Discharge Licence

本署檔號 Our Ref.:

(11) in EP/RW/0000372289

來承檔號 Your Ref.:

F-mail

話 Tel. No.: 2417 6064

電子郵件

圖文傳真

Fax. No.: 2411 3073

细址

Homepage: http://www.epd.gov.hk/

Environmental Protection Department Environmental Compliance Division Regional Office (West)

8/F. Tsuen Wan Government Offices, 38 Sai Lau Kok Road, Tsuen Wan, New Territories



荃灣政府合署8樓

掛號郵件

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

先生 / 女士:

水污染管制條例 西部緩衝區水質管制區 發出排污牌照事宜

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

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

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

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

如有查詢,請致電 2417 6086 與本署的羅銳雄先生聯絡。

環境保護署署長 代行) (林嘉豪

附件:排污牌照





Licence No.: WT00021482-2015

牌照編號:

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

ENVIRONMENTAL PROTECTION DEPARTMENT 環境保護署

WATER POLLUTION CONTROL ORDINANCE (CAP. 358) 水污染管制條例(第358章)

LICENCE PURSUANT TO SECTION 15/20/23A* 按第 15-/ 20 / 23A*條簽發的牌照

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

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

2 1 MAY 2015

Date 日期 (LAM Ka-ho For the Authority

監督(林嘉豪代行)

PART A 甲部 : GENERAL TERMS 一般條款

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

*Delete as appropriate 將不適用者删去

Reference No. 参考編號 EP/RW/0000372289

PART B 乙部 : SPECIFIC CONDITIONS 特別條件

B1. Limitations on Discharge 排放限制

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

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

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

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

The Licensee shall perform self-monitoring as and when required by the Authority.
持牌人須在監督要求時進行自行監測。

The Licensee shall sample the discharge at the Sampling Point(s) and, at his own expense carry out analyses in accordance with the sample type and measurement frequency specified for each determinand named below:-

持牌人須在取樣點為排放抽取樣本,並依照下列指定的測量物、取樣形式及頻率,自資予以分析。

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

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

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

^{*}Delete as appropriate 將不適用者刪去

C 丙部 : STANDARD CONDITIONS 標準條件

1. The Discharge 排放

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

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

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

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

C1.3 Dilution of the discharge to achieve compliance with the limits contained in this licence is prohibited. 不得將排放稀釋,以求達到本牌照內所訂的限度。

C2. Flow Measurement 量度流量

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

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

C3. Treatment 處理

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

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

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

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

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

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

C4. Disposal 棄置

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

處理過程中所產生的污泥、隔濾物、固體、油脂、過濾器回洗或其他污染物,必須妥善地棄置(附註 6 及6)。

C5. Monitoring 監測

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

在自行監測中,所有樣本均須按照政府化驗師所採用的最新分析方法予以分析(附註d)。

C6. Records and Reporting 紀錄及報告

C6.1 The Licensee shall keep the following records in the premises for inspection by duly authorized officer(s) of the Authority:

持牌人須在處所內保存下列紀錄,以備獲監督授權的人員隨時查閱:

- (i) records of flow rate, nature and composition of the discharge; 排放流量率、性質及成份的紀錄;
- (ii) updated records of all monitoring information, including all laboratory analytical results relating to samples taken, all original chart recordings for continuous flow and pH monitoring; and 所有最新監測資料的紀錄,包括所有關於已取樣本的檢驗分析結果、所有連續性流量及酸鹼值監測記錄圖表的正本;及
- (iii) records of all desludging and degreasing operation, and records of corresponding disposal operation.

所有清除污泥和清理隔油池廢物工序的紀錄,及其棄置工序的紀錄。

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

在監督要求時,須向監督呈交所有該等紀錄的副本。

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

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

C7. Operation Manual 操作手册

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

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

C8. Notification of Change 更改通知

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

倘若持牌人更改或擬更改其生產程序、或所用原料的性質、或有其他足以改變其排放的性質及成份或可導致永久 性終止排放的事情,必須在14日內以書面通知監督。 (a) For the purposes of determining compliance with the limits stated in Specific Condition B1, samples shall be taken by the duly authorized officer(s) of the Authority at the Sampling Point(s) or any other points from which the samples so taken are regarded by not complying with corresponding limit set out in the table, the discharge is deemed to have failed to comply with Specific Condition B1.

為確定排放是否符合特別條件第 B1 項內所列的限度,獲監督授權的人員須在取樣點或在監督認為可以抽取到具代表性的樣本的任何其他位置抽取樣本。只要在任何一個經分析的樣本中,證實任何一個測量物不符合表中所列的相應限度時,排放即被視為不符合特別條件第 B1 項。

- (b) An example of proper disposal method for sludge is sending dewatered sludge to landfill for disposal. 妥善棄置污泥方法中的一個例子是將脫水後的污泥運往堆填區棄置。
- Proper disposal of grease trap waste includes but is not limited to employing any reputable firm or collector who will use the right equipment and dispose of the collected grease trap waste at West Kowloon Transfer Station. The updated list of grease trap waste Restaurant website.

妥善的隔油池廢物棄置方法包括卻不限於聘用任何信譽良好的公司/收集商使用適當的設備在西九龍廢物轉運站棄置所 收集的隔油池廢物。環保署網站及環保食肆網均載有目前使用西九龍廢物轉運站棄置隔油池廢物的收集商最新名單。

- (d) The Licensee may make reference to Annex 1 of the <Technical Memorandum on Effluent Standards> for analytical methods used by the Government Chemist. 持牌人可参照「流出物標準技術備忘錄」附件 1 有關政府化驗師所採用的分析方法。
- (e) The Licensee shall keep this licence in the premises and make it available at all times for inspection by duly authorized officer(s) of 持牌人須在處所內保存此牌照,以備獲監督授權的人員隨時查閱。
- (i) The Licensee shall allow duly authorized officer(s) of the Authority to enter the premises for the purposes of inspection, sampling, records examination or any other duties authorized by Section 37 and Section 38 of the Ordinance. 持牌人須准許獲監督授權的人員進入處所內進行檢查、抽取樣本、審查紀錄或執行其他根據本條例第 37 及第 38 條
 - (ii) Where the premises has security measures in force which would require proper identification and clearance before entry, the Licensee shall make necessary arrangements such that upon presentation of evidence of identity and of authorization, duly 倘若由於處所的保安理由而需先行鑑定來人的身份,持牌人必須作出必要的安排,以便獲授權人員在出示身份證明及授權文件後,即可內進執行其職務而不致受延誤。
- (g) (i) For a licence granted under Section 15 of the Ordinance, the Licensee may, not less than 2 months before expiry of the licence, apply under Section 19 of the Ordinance for a new licence. The Authority may grant the licence or otherwise. 持有根據本條例第 15 條所批給牌照的人士,可於牌照屆滿前不少於 2 個月內,根據本條例第 19 條的規定,申請一面新牌照。監督可批給或拒絕批給牌照。
 - (ii) For a licence granted under Section 20 or 23A of the Ordinance, the Licensee may, not more than 4 months and not less than 2 months before expiry of the licence, apply under Section 23 or 23A respectively of the Ordinance for renewal of licence. The Authority may renew the licence or otherwise. 持有根據本條例第 20 條或第 23 A 條所批給牌照的人士,可於牌照屆滿前不多於 4 個月及不少於 2 個月內,根據本條例的第 23 或 23 A 條的規定,申請牌照續期。監督可將牌照續期或拒絕將牌照續期。
- (h) Under Section 24 of the Ordinance, the Authority may by notice in writing, impose new or amended terms and conditions on this licence or cancel this licence. Under Section 25, 26 and 27 of the Ordinance, a Licensee whose licence has been so varied or 根據本條例第 24 條的規定,監督可以書面通知,向本牌照施加新訂或經修訂的條款及條件,或取消本牌照。根據本條例第 25、26 及 27 條的規定,被更改或取消牌照的持牌人可能會獲得補償。
- (i) Under Section 28 of the Ordinance, the Licensee may apply to the Authority for a variation of this licence. 根據本條例第 28 條的規定,持牌人可向監督申請更改本牌照。
- (j) Under Section 49 of the Ordinance, this licence shall not be construed as a dispensation from the requirements of any other Ordinance except where that other Ordinance so provides. 根據本條例第 49 條的規定,本牌照並不得解釋為豁免符合任何其他條例的規定,除非該其他條例如此訂定。

Appendix C

Cleaning Procedure of Treatment Tank

OSCAR Bioenergy JV

Contract No.: EP/SP/61/10

Organic Waste Treatment Facilities Phase 1



Cleaning Procedure Treatment Tank 清洗環保缸的程序

18 Jul., 16 update: The Treatment Tank will be cleaned thoroughly every three months or when the turbidity 1. of the discharge is not satisfactory. 該處理設施會定期每三個月,或排水過於污濁時進行清洗。 Close all the inlet and outlet valves of the Treatment Tank. 2. 關閉接駁水缸出入水口。 Employ a sewer sucking truck to remove all the residue sludge and water in the tank. 3. 吸漿車放吸喉,開動水泵,進行吸漿。 The sewer sucking truck will dispose the contents of the tank to TKO137 Fill Bank in 4. accordance with the waste disposal regulations. 完成後,該吸漿車會前往將軍澳137公眾填料區傾倒。 After the cleaning of the Tank, the first batch of treated waste water will be directed to the 5. sedimentation tank for more than 10mins. (depends on site conditions) 如洗缸後地盤需要排水,排水需經軟喉引流回沉澱缸,排放約10分鐘(根據實際情況 而定)。 The remaining treated waste water will either be discharged at the discharging point as 6. stated in the "Discharging License", or return to the sedimentation tank. 處理經過的水缸水,可引流回沉澱缸,或排放出地盤。 7. Record the time taken for discharging operation and estimate the quantity of discharge. 紀錄排水量、時間。 Repeat item 1. 8. 重覆項目1。 In case of inclement weather whereas the size of catchment, treatment and storage cannot Note handle the runoff, the overflows will be collected and circulate to the treatment tank with appropriate piping system. 如遇大雨/過量存水, 過量的水會經軟喉引導回啡缸, 循環來回。

Appendix D

Sand Bag Photo





March 2016





August 2016





September 2016

Appendix E

Water Sample Laboratory Report

ALS Technichem (HK) Pty Ltd

ALS

Authorised results for

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

KOWLOON HONG KONG

CERTIFICATE OF ANALYSIS

Client Page Laboratory : ATKINS CHINA LTD : ALS Technichem (HK) Pty Ltd : 1 of 2 Work Order Contact : MS EVA KEUNG Contact : Fung Lim Chee, Richard HK1634365 Address Address : 13/F, WHARF T&T CENTRE, : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

HARBOUR CITY, Yip Street, Kwai Chung, N.T., Hong Kong TSIM SHA TSUI,

: eva.keung@atkinsglobal.com E-mail : Richard.Fung@alsglobal.com

 Telephone
 : +852 2972 1553
 Telephone
 : +852 2610 1044

 Facsimile
 : +852 2890 6343
 Facsimile
 : +852 2610 2021

Project : ORGANIC WASTE TREATMENT FACILITIES Quote number : --- Date Samples Received : 25-AUG-2016

PHASE 1

Order number : ---- Issue Date : 05-SEP-2016

C-O-C number : 1
Site : --No. of samples received : 1
No. of samples analysed : 1

General Comments

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

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

Specific Comments for Work Order: HK1634365

Sample(s) were received in ambient condition.

Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written

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

Signatories

Signatories

Fung Lim Chee, Richard General Manager Inorganics

Page Number : 2 of 2

Client : ATKINS CHINA LTD

Work Order HK1634365



Analytical Results

Analytical recourse							
Sub-Matrix: WATER			Client sample ID	SAMPLE 1			
		Client sa	ampling date / time	[25-AUG-2016]			
Compound	CAS Number	LOR	Unit	HK1634365-001			
EA/ED: Physical and Aggregate Properties							
EA002: pH Value		0.1	pH Unit	9.0			
EA025: Suspended Solids (SS)		2	mg/L	37			
EP: Aggregate Organics							
EP026C: Chemical Oxygen Demand		5	mg/L	7			

ALS Technichem (HK) Pty Ltd

ALS

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client : ATKINS CHINA LTD : ALS Technichem (HK) Pty Ltd Page : 1 of 2

Contact : MS EVA KEUNG Contact : Fung Lim Chee, Richard Work Order : HK1636761

Address : 13/F, WHARF T&T CENTRE, Address : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

HARBOUR CITY, Yip Street, Kwai Chung, N.T., Hong Kong

TSIM SHA TSUI, KOWLOON HONG KONG

 Telephone
 : +852 2972 1553
 Telephone
 : +852 2610 1044

 Facsimile
 : +852 2890 6343
 Facsimile
 : +852 2610 2021

Project : ORGANIC WASTE TREATMENT FACILITIES Quote number : --- Date Samples Received : 09-SEP-2016

PHASE 1

Order number : ---- Issue Date : 20-SEP-2016

C-O-C number : --- No. of samples received : 1
Site : --- No. of samples analysed : 1

General Comments

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

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

Specific Comments for Work Order: HK1636761

Sample(s) were received in ambient condition.

Water sample(s) analysed and reported on an as received basis.

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

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

Signatories

Signatories

Position

Authorised results f

Signatories Position Authorised results for

Fung Lim Chee, Richard General Manager Inorganics

ALS Technichem (HK) Pty Ltd Part of the ALS Laboratory Group Page Number : 2 of 2

Client : ATKINS CHINA LTD

Work Order HK1636761

ALS

Analytical Results

, ,								
Sub-Matrix: WATER			Client sample ID	SAMPLE 1				
		Client sa	ampling date / time	[09-SEP-2016]				
Compound	CAS Number	LOR	Unit	HK1636761-001				
EA/ED: Physical and Aggregate Properties								
EA002: pH Value		0.1	pH Unit	8.1				
EA025: Suspended Solids (SS)		2	mg/L	<2				
EP: Aggregate Organics								
EP026C: Chemical Oxygen Demand		5	mg/L	<5				

Appendix F

Training Record





Record of Attendance of Training

Troi	ning Coopien:	Site Safety ar	nd Environmental Indu	ction / Safety	Toolbox talk	-/ Environn	nental Toolbo	x talk /		
Training Session:		Safety Work Cycle / Others: (Day)								
Date: Safety Toolbox Talk topic:			7/9/2016	Time (Safety):		·				
			170/2010	Time (Environme	ntal):	08:45am-09:00am				
		·		Environmental Toolbox Talk Topic:			污水處理			
Training Tutor (Safety):		Michael So / Eric Loh / Edward Leung / Samuel Lee		Training Tutor Sig	Training Tutor Signature (Safety):					
Training Tutor (Environmental):		Grant Hui / Ruby Law		Training Tutor Sig	gnature (Environr					
No.	Name of Trainee	中文名	Green Card No	Expire Date	Company	Trade	Safety	Environmental		
	(英文名)		(平安咭)	(到期日)	(公司名)	(工種)	Training	Training 環保訓練		
							安全訓練	(簽名)		
							(簽名)			
1	Au Chi Ming	歐志明	HRMK0110910	23/2/2019	OSCAR	吊机机手	*	*		
2	Ma Kin Kong	馬健剛	HRJD0103562R	9/9/2016	OSCAR	管工	*	* 5.		
3	Chan Chi Yan	陳智仁	HRJD0191846R	20/10/2018	OSCAR	焊工	*	*		
4	Fung Yuet Keung	馮越強	HRYL0092302R	22/1/2017	OSCAR	焊工	*	*		
5	Tam Kai Tong	譚啓棠	SCW01109083R	17/2/2017	OSCAR	工人	*	* 3		
6	Chow Kam Sui	周金水	GC-245994R	12/12/2016	OSCAR	工人	*	*		
7	Chu Chun Fat	朱振發	HRMK0115297	18/4/2019	OSCAR	工人	*	*		
8	Cheng Ngai Wang	鄭毅弘	GC-355630R	17/11/2017	OSCAR	管工	*	*		
9	Zhou Qingsheng	周慶生	HRJD0194348R	4/11/2018	OSCAR	工人	*	*		
10	Li Kwok Ning (Vicky)	李國寧	HRJD0159520	11/3/2018	OSCAR	工人	*	* =		





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







			Record of Attend	dance of Tra	ining					
Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk /								x talk /		
Training Session:		Safety Work Cycle / Others: (Day)								
Date:		7	7/9/2016	Time (Safety):						
		/	19/2016	Time (Environmer	ntal):	08:45am-09:00am				
Safety Toolbox Talk topic:				Environmental Toolbox Talk Topic:			污水處理			
Training Tutor (Safety):		Michael So / Eric Loh / Edward Leung / Samuel Lee		Training Tutor Sig	nature (Safety):	·				
Training Tutor (Environmental):		Grant Hui / Ruby Law		Training Tutor Sig	nature (Environn					
No.	Name of Trainee	中文名	Green Card No	Expire Date	Company	Trade	Safety	Environmental		
	(英文名)		(平安咭)	(到期日)	(公司名)	(工種)	Training	Training 環保訓練		
							安全訓練	(簽名)		
							(簽名)			
1	SO TAI KAN	蘇大根	HRKT0024688R	27/04/2017	宏宗(保成)	普通工人	*	* 极		
2	TSOI WAI NAM	蔡偉南	HRYL0039957R	26/04/2017	宏宗(保成)	電氣裝配工	*	*		
3	LAM SHEIR MING	林社明	HRTW0012214	27/08/2016	宏宗(保成)	普通工人	*	* my		
4	YIP HING TIN	葉慶典	HRYL0116694R	10/10/2017	宏宗(保成)	普通工人	*	*		
5	LI YEN TUN	李炎敦	SC130126Y0123	25/01/2016	宏宗(保成)	普通工人	*	*		
6	Lin Yuliu	林玉流	HRTW0056965	10/4/2017	宏宗(保成)	普通工人	*	*		
7	HOI SZE MING	蔡思明	HRYL0138411R	14/06/2018	宏宗(保成)	普通工人	*	*		
8	CHAN MUK TUNG	陳木東	HRTW0062224R	12/08/2017	宏宗(保成)	操作工(挖掘機)	*	* 🔻		
9	Tsang Kam Fai	曾錦輝	HRMK0033273R	12/08/2018	宏宗(保成)	操作工(挖掘機)	*	*		
10	TSUI SHEUNG KEUNG	徐常強	HRJD0051106R	24/03/2015	宏宗(保成)	普通工人	*	*		



Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: 08:45am-09:00am Time (Environmental): 污水處理 **Environmental Toolbox Talk Topic:** Safety Toolbox Talk topic: Training Tutor Signature (Safety): Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Environmental): Grant Hui / Ruby Law Training Tutor (Environmental): Environmental **Expire Date** Trade Safety 中文名 Green Card No Company No. Name of Trainee **Training** (公司名) (工種) Training (平安咭) (到期日) (英文名) 環保訓練 安全訓練 (簽名) (簽名) 徐楊志 普通工人 **XU YANGZHI** HRJD0077520R 11/12/2015 宏宗(保成) 周根添 **Chow Chun Tim** HRJD0103445R 15/01/2017 宏宗(保成) 普通工人 劉沛松 普通工人 Lam Pui Chung HRJD0131364R 8/7/2017 宏宗(保成) Mak Chun Shu 麥振樞 15/07/2017 宏宗(保成) 普通工人 HRJD0132721R 普通工人 林水波 HRTW0071829R 26/02/2018 宏宗(保成) Lam Shui Po 王平 挖掘橾作工 12/4/2018 宏宗(保成) **Wong Ping** HRJD0161127R 陳偉光 宏宗(保成) 普通工人 Chan Wai Kwong HRJD0161128R 27/04/2018 甘傑財 宏宗(保成) 普通工人 KAM KIT CHOI HRJD0054842R 21/04/2017 羅家流 普通工人 LAW KA LAU HRJD0158955R 27/04/2018 宏宗(保成) 曾廣淵 普通工人 宏宗(保成) **TSANG KWONG YUEN** HRKT0032087 22/08/2015 10



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





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



Record of Attendance of Training Environmental Toolbox Site Safety and Environmental Induction / Safety Toolbox talk / talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: 08:45am-09:00am Time (Environmental): 污水處理 **Environmental Toolbox Talk Topic:** Safety Toolbox Talk topic: Training Tutor Signature (Safety): Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Grant Hui / Ruby Law Training Tutor Signature (Environmental): Training Tutor (Environmental): Environmental Name of Trainee 中文名 Green Card No **Expire Date** Company Trade Safety No. **Training** (工種) (平安咭) (到期日) (公司名) Training (英文名) 環保訓練 安全訓練 (簽名) (簽名) 劉克荣 宏宗(保成) 工人 13/8/2018 Liu Kerong HRTW0083378R 温亞養 宏宗(保成) 工人 Van A Yang 10/7/2017 HRJD0131932R 2 蘇盛輝 宏宗(保成) 扎鐵 So Shing Fai HRJD0146459R 16/12/2017 劉芬層 宏宗(保成) 釘板 GC-081793R 25/12/2018 Liu Fenceng 釘板 羅繼寒 宏宗(保成) Luo Jihan HRMK0053921 29/8/2016 5 宏宗(保成) 工人 張志輝 Cheung Chi Fai HRJD0188231R 22/9/2018 6 李偉田 宏宗(保成) 工人 Li Weitian HRJD0142482R 13/10/2017 魏泉 宏宗(保成) 工人 Ngai Chuen HRKT0109476R 19/5/2019 8 宏宗(保成) 工人 Ho Yip Fu 何業富 2/11/2018 HRTW0089110R 9 關潤波 工人 Kwan Yun Po 8/10/2017 宏宗(保成) 10 HRYL0116015R



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



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

OSCAR Bioenergy Joint Venture

Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: Time (Environmental): 08:45am-09:00am 污水處理 **Environmental Toolbox Talk Topic:** Safety Toolbox Talk topic: Training Tutor Signature (Safety): Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Environmental): Grant Hui / Ruby Law Training Tutor (Environmental): Environmental 中文名 Name of Trainee Green Card No **Expire Date** Company Trade Safety No. Training (平安咭) (到期日) (公司名) (工種) (英文名) Training 環保訓練 安全訓練 (簽名) (簽名) 徐常強 **TSUI SHEUNG KEUNG** 宏宗(保成) 木工 HRJD0051106R 24/03/2017 徐楊志 木工 宏宗(保成) **XU YANGZHI** HRJD0077520R 11/12/2015 2 周振添 宏宗(保成) 木工 Chow Chun Tim HRJD0103445R 15/01/2017 劉沛松 宏宗(保成) 木工 Lam Pui Chung HRJD0131364R 8/7/2017 4 麥振樞 宏宗(保成) Mak Chun Shu 木工 5 HRJD0132721R 15/07/2017 林水波 宏宗(保成) 26/02/2018 木工 6 Lam Shui Po HRTW0071829R 吳智雄 宏宗(保成) 木工 7 Ng Chi Hung HRMK0067762R 25/04/2017 Choy Hung Fai 蔡雄輝 宏宗(保成) 木工 8 HRJD0154078R 13/02/2018 笵錦星 SCW03129894 宏宗(保成) **FAN KAM SING** 木工 9 盧樂 木工 宏宗(保成) 10

東方(木工)





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

東方(木工)





Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: Time (Environmental): 08:45am-09:00am 污水處理 **Environmental Toolbox Talk Topic:** Safety Toolbox Talk topic: Training Tutor Signature (Safety): Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Environmental): Training Tutor (Environmental): Grant Hui / Ruby Law Environmental Safety 中文名 Name of Trainee Green Card No **Expire Date** Company Trade No. **Training** (平安咭) (到期日) (公司名) (工種) (英文名) Training 環保訓練 安全訓練 (簽名) (簽名) 蕭燮明 Siu Sit Ming 15/7/2018 宏宗(保成) 釘板 HRJD0178328R 1 胡峥榮 宏宗(保成) **Woo Tsang Wing** 釘板 HRJD0196294R 15/12/2018 胡偉環 Woo Wai Wan 宏宗(保成) HRTW0068960R 26/11/2017 工人 4 5 6 7 8 9 10

東方(木工)





Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / **Environmental Toolbox** talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: Time (Environmental): 08:45am-09:00am 污水處理 **Environmental Toolbox Talk Topic:** Safety Toolbox Talk topic: Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Safety): -----Training Tutor Signature (Environmental): Training Tutor (Environmental): Grant Hui / Ruby Law **Environmental Expire Date** 中文名 Green Card No Trade Safety No. Name of Trainee Company **Training** (平安咭) (到期日) (公司名) (工種) (英文名) Training 環保訓練 安全訓練 (簽名) (簽名) 楊康輝 宏宗(保成) Yeung Hong Fai HRYL0093898R 16/5/2017 測量 黎志坤 Lai Chi Kwan 宏宗(保成) 測量 HRYL0139005R 27/6/2018 宋晨寧 Song Chenning 宏宗(保成) 工人 3 HRYL0116481R 31/10/2017 Tang Yan Hong 唐燕鴻 宏宗(保成) 4 SCW03155648 12/6/2017 測量 工人 張家瑋 Cheong Ka Wai 23/3/2018 宏宗(保成) HRYL0131855 曾文捷 **Tsang Man Chit** 宏宗(保成) 測量 6 SCW03145774 25/8/2016 陳玉朝 宏宗(保成) Chan Yuk Chiu HRYL0108784R 25/8/2017 測量 7 工人 鍾明輝 **Chung Ming Fai** HRJD02052982 14/2/2019 宏宗(保成) 8 林進杰 Lam Chun Kit 24/11/2016 宏宗(保成) 測量 HRYL0089548R 工人 宏宗(保成) 10 梁浩彬 29/7/2018 Leung Ho Pan SCW03169493



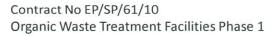
Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: Time (Environmental): 08:45am-09:00am **Environmental Toolbox Talk Topic:** 污水處理 Safety Toolbox Talk topic: Training Tutor Signature (Safety): Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Environmental): Training Tutor (Environmental): Grant Hui / Ruby Law Environmental **Expire Date** Name of Trainee 中文名 Green Card No. Company Trade Safety No. **Training** (英文名) (平安咭) (到期日) (公司名) (工種) Training 環保訓練 安全訓練 (簽名) (簽名) 宏宗(保成) 普通工人 譚火停 TAM FOR TING GC-064349R 29/01/2016 1 黄紹波 **WONG SIU PO** 宏宗(保成) 普通工人 2 HRMK0044268 13/03/2016 梁致豐 宏宗(保成) 3 Leung Chi Fung HRMK0049343 10/06/2016 Foreman 額漢釵 宏宗(保成) Ngan Hon Chai 4 HRTW0036149R 22/02/2016 Foreman 蘇偉強 宏宗(保成) 天秤/机手 So, Wai Keung Warlian 5 HRYL0098711 29/03/2017 葉栢奇 吊机机手 Yip Pak Kay 宏宗(保成) 6 GC-079887R 10/11/2016 李陽彬 宏宗(保成) Li Yeung Pan 7 SCW03138954 4/2/2016 Q.S 黃鎮臤 宏宗(保成) Wong Chun Hey HRJD0106970 23/10/2016 AQS 8 李澤謙 宏宗(保成) 9 Li Chak Him CE21054 4/3/2016 Grad E Wong Kwun Faut 黄冠發 宏宗(保成) 10 CE400132 19/5/2017 intern



Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Dav Time (Safety): Date: 7/9/2016 Time (Environmental): 08:45am-09:00am 污水處理 Safety Toolbox Talk topic: **Environmental Toolbox Talk Topic:** Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Safety): Training Tutor Signature (Environmental): Training Tutor (Environmental): Grant Hui / Ruby Law Environmental 中文名 Green Card No Company Name of Trainee **Expire Date** Trade Safety No. **Training** (英文名) (平安咭) (到期日) (公司名) (工種) Training 環保訓練 安全訓練 (簽名) (簽名) 向俊傑 **Heung Chun Kit** 19/5/2017 宏宗(保成) 1 CE400045 intern 黄兆良 宏宗(保成) 管工 2 Wong Siu Leung HRKT0082765 13/4/2018 Shing Wing Yat 盛永日 GC-211362 宏宗(保成) 3 10/1/2018 省工 Ting Chun Yu 14/3/2017 宏宗(保成) 雷工 4 丁俊宇 HRYL0097300R 梁熾恒 宏宗(保成) SO 5 Leung Chi Hang HRJD0110015R 8/12/2016 羅烈昌 宏宗(保成) 6 Lo. Lit Cheong SCW03090567R 17/04/03 雜工 Lam Hon Man 林漢民 GC-077608R 31/07/2018 宏宗(保成) 雜工 7 余峰 Yu Fung GC-361996R 18/07/10 宏宗(保成) 雜工 8 Chen Shaozhen 陳少貞 宏宗(保成) 9 LTC-001360 19/08/2018 雜工 茲春明 宏宗(保成) 雜丁 10 Cai Chun Ming HRTW0088092R 22/11/2018

保成







			Record of Atter	idance of Tra	ining					
Tarinina Caralana		Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk /								
ıraır	ning Session:	Safety Work Cycle / Others: (Day)								
Date:		7/9/2016		Time (Safety):			1			
				Time (Environmental):			08:45am-09:00am			
Safety Toolbox Talk topic:		·		Environmental Toolbox Talk Topic:			污水處理			
Training Tutor (Safety):		Michael So / Eric Loh / Edward Leung / Samuel Lee		Training Tutor Signature (Safety):						
Training Tutor (Environmental):		Grant Hui / Ruby Law		Training Tutor Signature (Environmental):						
No.	Name of Trainee	中文名	Green Card No	Expire Date	Company	Trade	Safety	Environmental		
	(英文名)		(平安咭)	(到期日)	(公司名)	(工種)	Training	Training 環保訓練		
							安全訓練	(簽名)		
							(簽名)			
1	Lam Kei Hei	林琪稀	HRMK0074398	1/8/2017	宏宗(保成)	雑上	* ***	*		
2	Yeung Yee Lan	楊綺蘭	SEITSC-002897R	22/7/2016	宏宗(保成)	清潔工人	*	*		
3	Cheng Kong Yuen	鄭江源	HRKT0098491	30/11/2018	宏宗(保成)	雜工	*	*		
4	Lui Siu Wan	呂少云	HRJD0172691R	28/7/2018	宏宗(保成)	雜工	*	* 7		
5	Lin Yu Lin	林玉流	HRTW0056965	4/10/2017	宏宗(保成)	雜丄	*	_*		
6	Cheng Wai Kwan	鄭偉君	HRTW0086006R	29/9/2018	宏宗(保成)	雜工	*	* 2		
7	Wang Nan	王楠	HRTW0051836	15/12/2016	宏宗(保成)	雜工	*	*		
8	Leung Yuk Long	梁沃朗	HRYL0076761	10/6/2016	宏宗(保成)	Engineer	*	*		
9	Wong Lai Yee	黄麗儀	HRTW0093821	30/1/2019	宏宗(保成)	清潔	*	*		
10	Wong Lai Kiu	黃麗嬌	HRYL0108840	16/7/2017	宏宗(保成)	雜工	*	*		



Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): 7/9/2016 Date: Time (Environmental): 08:45am-09:00am 污水處理 Safety Toolbox Talk topic: **Environmental Toolbox Talk Topic:** Training Tutor (Safety): Training Tutor Signature (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee ·_____ Training Tutor (Environmental): Grant Hui / Ruby Law Training Tutor Signature (Environmental): Environmental No. Name of Trainee 中文名 Green Card No. **Expire Date** Company Trade Safety **Training** (英文名) (平安咭) (到期日) (公司名) (工種) Training 環保訓練 安全訓練 (簽名) (簽名) Li Ngai Kuen 李毅權 宏宗(保成) SCW03081864R 30/7/2018 管工 陳璿 Chan Suen (Melody) 宏宗(保成) 2 HRKT0085743 24/5/2018 Intern Lau Wing Kin 劉永健 宏宗(保成) SCW03172623 26/10/2018 AQS 麥素妮 Mai Suni SEITSC-017245 2/6/20219 宏宗(保成) 工人 Ngo Shu Hoi 敖樹海 29/5/2019 AQS 5 宏宗(保成) HRYL0173143R Tsoi Wan Wah 訊號員 蔡云華 4/12/2016 宏宗(保成) GC-246034R 曾琼英 **Zeng Qiongying** 19/5/2018 宏宗(保成) 工人 SCW03167181 李君 Li Kwan 宏宗(保成) 工人 8 HRJD0115347R 14/2/2017 陳家銘 Chan Ka Ming (Alex) 宏宗(保成) 工人 CWGC/SAF/02773R 23/10/2017 Tam-Chi Wah 譚志華 宏宗(保成) 10 管工 SCW03146839R 21/11/2016





S SOUTH



OSCAR Bioenergy Joint Venture

Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): Date: 7/9/2016 Time (Environmental): 08:45am-09:00am **Environmental Toolbox Talk Topic:** 污水處理 Safety Toolbox Talk topic: Training Tutor (Safety): Training Tutor Signature (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor (Environmental): Grant Hui / Ruby Law Training Tutor Signature (Environmental): Environmental Name of Trainee 中文名 Green Card No No. **Expire Date** Company Trade Safety **Training** (英文名) (平安咭) (到期日) (公司名) (工種) Training 環保訓練 安全訓練 (簽名) (簽名) Leung Chung Yan 梁松有 HRJD0130449R 宏宗(保成) 村鎌/安貝丁 21/06/2017 1 冼福成 2 Sin Fook Shing 24/10/2017 宏宗(保成) 札鐵 HRYL0117486R Wong Siu Yin 黃兆然 3 宏宗(保成) 札鐵 HRJD0162074R 26/03/2018 MS 蘇勝 So Shing 宏宗(保成) 4 HRYL0095882R 5/3/2017 札鐵 區秉良 5 Au Ping Leung HRTW0053388R 宏宗(保成) 札鐵 13/02/2017 謝啟華 6 TSE Kai Wah 宏宗(保成) 村.鐵 SCW03166228 21/04/2018 何根成 7 Ho Kan Shing HRYL0109477R 22/07/2017 宏宗(保成) 札鐵/索具工 謝燕峰 札鐵 8 Xie Yan Feng SCW03143231 10/6/2016 宏宗(保成) 陳志勇 9 Chan Chi Yung HRKT0089834 23/07/2018 宏宗(保成) 札鐵 謝燕波 宏宗(保成) 10 Xie-Yanbo SCW0343230 10/6/2016 札鐵

進展





Record of Attendance of Training Site Safety and Environmental Induction / Safety Toolbox talk / Environmental Toolbox talk / **Training Session:** Safety Work Cycle / Others: (Day Time (Safety): Date: 7/9/2016 Time (Environmental): 08:45am-09:00am 污水處理 Safety Toolbox Talk topic: **Environmental Toolbox Talk Topic:** Training Tutor (Safety): Michael So / Eric Loh / Edward Leung / Samuel Lee Training Tutor Signature (Safety): Training Tutor (Environmental): Grant Hui / Ruby Law Training Tutor Signature (Environmental): Environmental 中文名 Name of Trainee Green Card No Company No. **Expire Date** Trade Safety **Training** (英文名) (平安咭) (到期日) (工種) (公司名) Training 環保訓練 安全訓練 (簽名) (簽名) 黄志明 Wong Chi Ming HRYL013195R 30/03/2016 宏宗(保成) 札鐵 1 江文日 Cong Man Nhat 宏宗(保成) 2 HRYL009551R 4/3/2017 村,鐵 **Kwok Shui Hing** 郭水興 3 HRYL0125309 20/01/2018 宏宗(保成) 鋼筋屈紮工 Sin Kwong Lun 冼廣倫 札鐵 4 HRYL0114346R 26/10/2017 宏宗(保成) Li Hon Wa 李漢華 SCW03156428 02/07/2017 札鐵 5 宏宗(保成) 魏志榮 6 **Ngai Chi Wing** HRJD0118523R 10/3/2017 宏宗(保成) 扎鐵 李展華 Lee Chin Wah 宏宗(保成) 扎鐵 7 HRKT0063814R 21/7/2017 植健宏 Chik Kin Wang 宏宗(保成) 扎鐵 8 HRYL0080626 29/7/2016 24 韓偉強 Hon Wai Keung 宏宗(保成) 扎鐵 GC-068752R 16/12/2016 華翌書 Yip Chui Ching 扎鐵 22/5/2017 宏宗(保成) 10 HRYL0104053R

進展







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



		Re	ecord of Atten	dance of Tr	aining				
Trainin	ng Session :	Site Safety and Safety Work Cy	Environmental Indu ycle / Others:	uction / Safety T (Da	oolbox tall ay)	k / Environmer	ntal Toolbox	talk	
Date:		07 /%	109 /2016	Time (Safety) : Time (Environmental) :			11:15-11:30 Neslewater treatment		
Safety Toolbox Talk Topic Training Tutor (Safety):		Eric Loh / Leung Yu C	neng / Lee Wing Hung		Environmental Toolbox Talk Topic Training Tutor Signature (Safety)::			huslender treatment	
是中国的国际公司(100g)250000000000000000000000000000000000	ng Tutor ronmental):	Grant Hui / Ruby Law			Training Tutor Signature (Environmental)::				
No.	Name of Trainee (英文名)	Chinese Name (中文名)	Green Card No. (平安卡)	Expire day (到期日)	Company (公司)	Trades (工種)	Safety Training 安全訓練 (簽名)	Environmental Training 環保訓練 (簽名)	
1	Shi Xiugin	施秀琴	HRYL0150324	29/09/2018	保成	ZL	To the last of	人转	
2	Shi Xingin Chow Chi Lun	图3倍	HRYL0150324 GC-378-20	1/4/2013	OSCAR	Engineering Manager		x who.	
3						J	· 技术 上		
4									
5							100		
6									
7									
8									
9									
10							Francis		