MONTHLY EM&A REPORT

OSCAR Bioenergy Joint Venture

Contract No. EP/SP/61/10
Organic Resources Recovery
Centre (Phase 1):
Forty-sixth Monthly EM&A Report

1 March 2019 - 31 March 2019

Environmental Resources Management

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Organic Resources Recovery Centre, Phase I

Monthly EM&A Report (1 March 2019 – 31 March 2019)

(May 2019)

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Contract No. EP/SP/61/10 Organic Resources Recovery Centre (Phase 1): Forty-sixth Monthly EM&A Report

1 March 2019 - 31 March 2019

Reference 0279222

| For and on behalf of ERM-Hong Kong, Limited | | |
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EXECUTIVE SUMMARY

The construction works of *No. EP/SP/61/10 Organic Resources Recovery Centre Phase 1 (the Project)* commenced on 21 May 2015. This is the 46th monthly Environmental Monitoring and Audit (EM&A) report presenting the EM&A works carried out during the period from 1 to 31 March 2019 in accordance with the EM&A Manual. Substantial completion of the construction works was confirmed on 3 December 2018. In the meantime, the operation phase EM&A programme had commenced in March 2019.

Summary of Works undertaken during the Reporting Month

Works undertaken in the reporting month included:

- Operation of the Project, including organic waste reception, and operation
 of the pre-treatment facilities, anaerobic digesters, composting facilities,
 air pollution control systems, on-line emission monitoring system for the
 Centralised Air Pollution Control Unit (CAPCS), Co-generation Units
 (CHP)s and Ammonia Stripping Plant (ASP), and the wastewater
 treatment plant;
- Process fine-tune, including adjustment of the ASP with new treatment media, modification of Continuous Environmental Monitoring System (CEMS) and Supervisory Control and Data Acquisition System (SCADA) rectification and improvement works following equipment failures and the alteration of different operation modes and measures to adapt to the high variation of SSOW nature and sources; and
- Construction of the Visitor Centre.

Environmental Monitoring and Audit Progress

Air Quality Monitoring

Exceedances on odour from CAPCS, on dust, NOx and SO₂ from CHP and on CO, NOx, SO₂, VOCs and NH₃ from ASP were recorded on the on-line monitoring system. It should be noted that measurements recorded under abnormal operating conditions, e.g. start up and stopping of stacks, unstable operation, test runs and interference of sensor, are disregarded.

Exceedances in emission parameters of CAPCS, CHP and ASP were found to be a result of the breakdown of the automatic chemical dosing system of the air pollution control systems of the CAPCS, tripping of the circulation pump resulting in the incomplete desulphurisation of biogas which fed to the CHPs, and the combustion efficiency of the thermal combustion unit of the ASP was under further optimisation process.

The Contractor has implemented mitigation measures to control the exceedance (including the arrangement of the supplier of the dosing system for the CAPCS to repair the dosing system and manual dosing of chemical to the CAPCS until the problems of the automatic dosing system is expected to

be fixed in the next reporting period; adding an additional activated carbon filters to the biogas desulphurisation system to control the H_2S level in the biogas which fed to the CHP and the ASP; and tuning the thermal combustion unit of the ASP to optimise combustion efficiency and overall performance.

The Contractor is recommended to closely monitor the processes, including the chemical dosing system in the CAPCS, the desulphurisation process, and combustion of biogas in the ASP to avoid the reoccurrence of similar problems.

Odour Patrol

Odour patrol were conducted by representatives of the Contractor, the ER and Employer (EPD Project Team) on 1, 4, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 March 2019. The Independent Odour Patrol Team, ALS Technichem (HK) Pty Ltd (ALS), has also joined the odour patrol on 1 March 2019. No Level 2 Odour Intensity was recorded during odour patrols.

Air samples were also collected at the CAPCS for olfactometry analysis at the laboratory on 10, 11, 19 and 27 December 2018 and 16 and 29 January 2019. The odour level of the samples collected on 10, 11, 19 and 27 December 2018 and 16 January 2019 have exceeded the odour limit. The cause of the exceedances recorded was due to the breakdown of the automatic chemical dosing system and the repairing time of the automatic chemical dosing system was longer than anticipated. The system was fixed and the odour concentration of the air sample taken on 29 January 2019 showed compliance with the odour limit.

An investigation of the cause of the exceedance has been carried out. The investigation report is shown in *Annex K*.

Water Quality

No non-compliance to the effluent discharge limit stipulated in the discharge licence issued by the EPD under the *Water Pollution Control Ordinance* was recorded during this reporting period.

Waste Management

Waste generated from the construction of the Project includes inert construction and demolition (C&D) materials (public fill) and non-inert C&D materials (construction wastes).

Inert C&D materials (public fill) include bricks, concrete, building debris, rubble and excavated spoil. In total, 190.40 tonnes of inert C&D material were generated from the construction of the Project.

Non-inert C&D materials (construction wastes) from the construction of this Project include metals, paper / cardboard packaging waste, plastics and other wastes such as general refuse. 0.00 kg of metals, 0.00 kg of papers/cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling

during the reporting period. 16.45 tonnes of general refuse was disposed of at the landfill.

0.00 L of chemical waste was collected by licenced waste collector from the construction of the Project.

Waste generated from the operation of the Project includes chemical waste, waste generated from pre-treatment process and general refuse.

1,200 L of chemical waste was collected by licenced waste collector from the operation of the Project.

477.08 tonnes of waste generated from pre-treatment process from the operation of the Project was disposed of at landfill. Among waste generated from pre-treatment process from the operation of the Project, 0.00 kg of metals, 0.00 kg of papers/ cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.

Around 1.50 tonnes of general refuse from the operation of the Project was disposed of at landfill. Among general refuse from the operation of the Project, 0.00 kg of metals, 0.00 kg of papers/ cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.

Findings of Environmental Site Audit

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

• Joint Environmental Site Inspections

4 times

• Landscape & Visual Inspections

2 times

Four weekly joint environmental site inspections were carried out by the representatives of the Contractor and the ET. The IEC was also present at the joint inspection on 22 March 2019. The environmental control/mitigation measures (related to air quality, water quality, waste (including land contamination prevention), hazard-to-life and landscape and visual) recommended in the approved EIA Report and the EM&A Manual were properly implemented by the Contractor during the reporting month.

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

Exceedances for the air emission limits for the CAPCS, CHP and ASP stacks were recorded during the reporting period.

No incident occurred during the reporting period.

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

Future Key Issues

Activities to be undertaken in the next reporting month include:

- Operation of the Project.
- Contractor should resolve the technical issue related to the on-line monitoring of methane emission (hence the calculation of the NMVOC concentration) from the CHP stacks as soon as possible and undertake biweekly gas sampling and laboratory analysis of NMVOC when the online monitoring equipment for methane is not available.
- Implementation of further measures to control the air emission from the CAPCS, CHP and ASP.
- Continue construction of the Visitor Centre.

1 INTRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by OSCAR Bioenergy Joint Venture (the Contractor) as the Environmental Team (ET) to undertake the construction Environmental Monitoring and Audit (EM&A) programme for the *Contract No. EP/SP/61/10 of Organic Waste Treatment Facilities Phase I*, which the project name has been updated to *Organic Resources Recovery Centre (Phase I) (the Project)* since November 2017. ERM was also appointed by the Contractor to undertake the operation EM&A programme starting 1 March 2019.

1.1 Purpose of the Report

This is the 46th EM&A report which summarises the monitoring results and audit findings for the EM&A programme during the reporting period from 1 to 31 March 2019.

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 the background and scope of the Project, site description, project organisation and status of the Environmental Permits (EP)/licences.

Section 3: Environmental Monitoring and Audit Requirements

It summarises the environmental monitoring requirements including monitoring parameters, programmes, methodologies, frequency, locations, Action and Limit Levels, Event/Action Plans, as well as environmental audit requirements as recommended in the EM&A Manual and approved EIA report.

Section 4: Monitoring Results

It summarises monitoring results of the reporting period.

Section 5: Site Audit

It summarises the audit findings of the environmental as well as landscape and visual site audits undertaken within the reporting period.

Section 6: Environmental Non-conformance

It summarises any exceedance of environmental performance standard, environmental complaints and summons received within the reporting period. Section 7: Further Key Issues

It summarises the impact forecast for the next reporting month.

Section 8: Conclusions

2 PROJECT INFORMATION

2.1 BACKGROUND

The Organic Resources Recovery Centre (ORRC) 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 location of the Project site is shown in *Annex A*.

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 (DEP) 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 DEP to the EPD (Project Team), 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 ORRC Phase 1 (Contract No. EP/SP/61/10 Organic Resources Recovery Centre (Phase 1) (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 DEP to the OSCAR on 16 February 2015. Variation to both EPs (Nos. EP-395/2010/B and FEP-01/395/2010/B) were made in December 2015. The latest EPs, Nos. EP-395/2010/C and FEP-01/395/2010/C, were issued by the DEP 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 approved EM&A Manual (hereinafter referred to as EM&A Manual) is required to be implemented during the construction and operation of the Project. ERM-Hong Kong, Ltd (ERM) has been appointed by OSCAR as the Environmental Team (ET) for the construction phase EM&A programme and the Monitoring Team (MT) for the operation phase EM&A programme for the implementation of the EM&A programme in accordance with the requirements of the EP and the approved EM&A Manual.

The construction works commenced on 21 May 2015. The construction phase

EM&A programme was completed in end of March 2019 (1). The operation phase of the EM&A programme commenced on 1 March 2019.

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 Project Site is illustrated in *Annex A*. The facility received and treated an average of 100 tonnes of source separated organic waste per day during the reporting month.

2.3 MAJOR ACTIVITIES UNDERTAKEN

A summary of the major activities undertaken in the reporting period is shown in *Table 2.1*. The site layout plan is shown in *Annex B*. The construction programme is shown in *Annex C*.

Table 2.1 Summary of Activities Undertaken in the Reporting Period

Activities Undertaken in the Reporting Period

- Systems being operated waste reception, pre-treatment, CAPCS extraction, the digesters, the centrifuge, , the composting tunnels the desulphurisation, the emergency flare, the CHPs, the ASP and the biological waste water treatment plant (about 100-130 t/d SSOW input);
- Process fine-tune adjustment of the ASP operational parameters with new treatment media, CEMS/SCADA modification and improvement work following equipment failures and the alteration of different operation modes and measures to adapt to the high variation of SSOW nature and sources; and
- Construction of the Visitor Centre.

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/ Licences/ Notification | Reference | Validity Period | Remarks |
|-----------------------------------|-------------------|-----------------|----------------------|
| Environmental | FEP-01/395/2010/C | Throughout the | Permit granted on 21 |
| Permit | | Contract | December 2015 |
| Notification of | Ref No. 386715 | Throughout the | - |
| Construction Works | | Contract | |
| under the Air | | | |

As some of the minor items are yet to be closed out in March 2019, the construction phase EM&A programme and Operation Phase EM&A programme were undertaking in parallel in March 2019.

| Permit/ Licences/ | Reference | Validity Period | Remarks |
|-----------------------|-----------------|--------------------|----------------------|
| Notification | | | |
| Pollution Control | | | |
| (Construction Dust) | | | |
| Regulation | | | |
| Effluent Discharge | WT00024352-2016 | 3 June 2016 - 30 | Approved on 3 June |
| License | | June 2021 | 2016 |
| Construction Noise | GW-RW0538-18 | 21 January 2019-20 | Approved on 31 |
| Permit - P1&P2 | (Superseded CNP | July 2019 | December 2018 |
| | GW-RW0229-18) | | |
| Construction Noise | GW-RW0347-18 | 30 September | Approved on 15 |
| Permit - P5 (slope) | (superseded the | 2018 - 29 March | August 2018 |
| | GW-RW0107-18) | 2019 | |
| Chemical Waste | WPN 5213-961- | Throughout the | Approved on 29 April |
| Producer Registration | O2231-01 | Contract | 2015 |
| Chemical Waste | WPN 5213-961- | Throughout the | Approved on 10 |
| Producer Registration | O2231-02 | implementation of | November 2017 |
| | | the Project | |
| Waste Disposal | Account number: | Throughout the | - |
| Billing Account | 702310 | Contract | |

3 ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

3.1 ENVIRONMENTAL MONITORING

The air quality (including odour) monitoring to be carried out during the commissioning and operation phase of the Project are described below. No monitoring for noise, waste, land contamination, hazard-to-life and landscape and visual are required during construction and operation phases of the Project. Although water quality monitoring is not required for the construction and operation phases under the EM&A programme, there are water quality monitoring requirement under the Water Discharge Licence of the plant under the *Water Pollution Control Ordinance* (WPCO). As part of this EM&A programme, the monitoring results will be reviewed to check the compliance with the WPCO requirements.

3.1.1 Air Quality

According to the EM&A Manual and EP requirements, stack monitoring are required during the commissioning and operation phase of the Project.

On-line monitoring (using continuous environmental monitoring system (CEMS) shall be carried out for the centralised air pollution unit (CAPCS), cogeneration units (CHP) and the ammonia stripping plant (ASP) during the commissioning and operation phase. The calibration certificate for the online monitoring equipment is provided in *Annex E*.

The monitoring data is transmitted instantaneously to EPD (Regional Office) by telemetry system.

When the on-line monitoring for certain parameter cannot be undertaken, monitoring will be carried out using the following methodology approved by the EPD.

Table 3.1 Sampling and Laboratory Analysis Methodology

| Parameters | Method | Stacks to be Monitored |
|-------------------------------------|-----------------|------------------------|
| Gaseous and vaporous organic | USEPA Method 18 | • CAPCS |
| substances (including methane) | | • CHP |
| | | • ASP |
| Particulate | USEPA Method 5 | • CAPCS |
| | | • CHP |
| | | • ASP |
| Carbon monoxide (CO) | USEPA Method 10 | • CHP |
| | | • ASP |
| Nitrogen oxides (NO _x) | USEPA Method 7E | • CHP |
| | | • ASP |
| Sulphur dioxide (SO ₂); | USEPA Method 6 | • CHP |
| | | • ASP |

| Parameters | Method | Stacks to be Monitored |
|--|------------------|---------------------------|
| Hydrogen chloride (HCl) | USEPA Method 26A | • CHP |
| | | • ASP |
| Hydrogen fluoride (HF) | USEPA Method 26A | • CHP |
| | | • ASP |
| Oxygen (O ₂); | USEPA Method 3A | CAPCS |
| | | • CHP |
| | | • ASP |
| Velocity and Volumetric Flow | USEPA Method 2 | • CAPCS |
| | | • CHP |
| | | • ASP |
| Ammonia (NH ₃) | USEPA CTM 027 | • ASP |
| Odour (including NH ₃ and H ₂ S) | EN 13725 | • CAPCS |
| Water vapour content (continuous | USEPA Method 4 | • CAPCS |
| measurement of the water vapour | | • CHP |
| content should not be required if the sample exhaust gas is dried before the | | • ASP |
| emissions are analysed) | | |
| Temperature | USEPA Method 4 | • CAPCS |
| | | • CHP |
| | | • ASP |

With reference to the EM&A Manual, the air emission of the stacks shall meet the following emission limits as presented in *Tables 3.2* to 3.5.

 Table 3.2
 Emission Limit for CAPCS Stack

| Parameter | Emission Level (mg/Nm³) (a) |
|--|-----------------------------|
| VOCs (including methane) | 680 |
| Dust (or Total Suspended Particulates (TSP)) | 6 |
| Odour (including NH ₃ & H ₂ S) | 220 (b) |
| Notes: | |
| (a) Hourly average concentration | |
| (b) The odour unit is OU/Nm ³ | |

Table 3.3 Emission Limit for CHP Stack

| Parameter | Maximum Emission Level (mg/Nm³) (a) (b) |
|--|---|
| Dust (or Total Suspended Particulates) | 15 |
| Carbon Monoxide | 650 |
| NO_x | 300 |
| SO_2 | 50 |
| NMVOCs | 150 |
| VOCs (including methane) (c) | 1,500 |
| HCl | 10 |
| HF | 1 |

- (a) All values refer to an oxygen content in the exhaust gas of 6% and dry basis.
- (b) Hourly average concentration
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion

| Parameter | Maximum Emission Level (mg/Nm³) (a) (b) |
|-----------|---|
| process. | |

Table 3.4 Emission Limit for ASP Stack

| Parameter | Maximum Emission Level (mg/Nm³) (a) (b) |
|--|---|
| Dust (or Total Suspended Particulates) | 5 |
| Carbon Monoxide | 100 |
| NOx | 200 |
| SO ₂ | 50 |
| VOCs (including methane) (c) | 20 |
| NH ₃ | 35 |
| HCl | 10 |
| HF | 1 |

Notes:

- (a) All values refer to an oxygen content in the exhaust gas of 11% and dry basis.
- (b) Hourly average concentration
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.

Table 3.5 Emission Limit for Standby Flaring Gas Unit (1)

| Parameter | Maximum Emission level (mg/Nm³) (a) (b) |
|--|---|
| Dust (or Total Suspended Particulates) | 5 |
| Carbon Monoxide | 100 |
| NO_x | 200 |
| SO_2 | 50 |
| VOCs (including methane) (c) | 20 |
| HCl | 10 |
| HF | 1 |
| NT-1 | |

Notes

- (a) All values refer to an oxygen content in the exhaust gas of 11% and dry basis.
- (b) Hourly average concentration
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.

3.1.2 *Odour*

To determine the effectiveness of the proposed odour mitigation measures and to ensure that the operation of the ORRC1 will not cause adverse odour impacts, odour monitoring of the CAPCS stack (see *Section 3.1.1*) and odour patrol will be carried out.

Odour sampling works shall be conducted weekly in the first month of the commissioning stage of the Project. The air samples at the CAPCS stack under full capacity of operation should be collected for olfactometry analysis.

A standby facility. Only operate when the CHPs are not in operation or when the biogas generated exceeded the utilisation rate of the CHPs.

Odour patrol shall be conducted by independent trained personnel/competent persons in summer months (i.e. from July to September) for the first two operational years of ORRC1 at monthly intervals along an odour patrol route at the Project Site boundary as shown in *Annex A*.

The perceived odour intensity is divided into 5 levels. *Table 3.6* describes the odour intensity for different levels.

Table 3.4 Odour Intensity Level

| Level | Odour Intensity |
|-------|--|
| 0 | Not detected. No odour perceived or an odour so weak that it cannot be easily characterised or described |
| 1 | Slight identifiable odour, and slight chance to have odour nuisance |
| 2 | Moderate identifiable odour, and moderate chance to have odour nuisance |
| 3 | Strong identifiable, likely to have odour nuisance |
| 4 | Extreme severe odour, and unacceptable odour level |

Table 3.7 shows the action level and limit level to be used for odour patrol. Should any exceedance of the action and limit levels occurs, actions in accordance with the event and action plan in *Table 3.8* should be carried out.

Table 3.5 Action and Limit Levels for Odour Nuisance

| Parameter | Action Level | Limit Level |
|------------------------------------|---|--|
| Odour Nuisance (from odour patrol) | When one documented compliant is received ^(a) , or Odour Intensity of 2 is measured from odour patrol. | Two or more documented complaints are received ^(a) within a week; or Odour intensity of 3 or above is measured from odour patrol. |
| Note: | | |

Once the complaint is received by the Project Proponent (EPD), the Project Proponent

would investigate and verify the complaint whether it is related to the potential odour emission from the ORRC1 and its on-site wastewater treatment unit.

Table 3.6 Event and Action Plan for Odour Monitoring

| Event | Action | | | |
|--------------|---|-----------------------|--|--|
| | Person-in-charge of Odour Monitoring | Project Proponent (a) | | |
| Action Level | | | | |

| Exceedance of action level (Odour Patrol) | Identify source/reason of exceedance; Repeat odour patrol to confirm finding. | Carry out investigation to identify the source/reason of exceedance. Investigation should be completed within 2 weeks; |
|---|---|---|
| | commit mang. | 2. Rectify any unacceptable practice; |
| | | 3. Implement more mitigation measures if necessary; |
| | | 4. Inform Drainage Services Department (DSD) or the operator of the Siu Ho Wan Sewage Treatment Works (SHWSTW) if exceedance is considered to be caused by the operation of the SHWSTW. |
| | | 5. Inform North Lantau Refuse Transfer Station (NLTS) operator if exceedance is considered to be caused by the operation of NLTS. |
| Exceedance of action level (Odour Complaints) | Identify source/reason of exceedance; Carry out odour patrol to determinate odour intensity. | 1. Carry out investigation and verify the complaint whether it is related to potential odour emission from the nearby SHWSTW; |
| | | Carry out investigation to identify the source/reason of exceedance. Investigation should be completed within 2 weeks; |
| | | 3. Rectify any unacceptable practice; |
| | | 4. Implement more mitigation measures if necessary; |
| | | 5. Inform DSD or the operator of the SHWSTW if exceedance is considered to be caused by the operation of the SHWSTW. |
| | | 6. Inform NLTS operator if exceedance is considered to be caused by the operation of NLTS. |
| Limit Level | | |
| Exceedance of limit level | Identify source/reason of exceedance; Inform EPD; | 1. Carry out investigation to identify the source/reason of exceedance. Investigation should be completed within 2 week; |
| | 3. Repeat odour patrol to | 2. Rectify any unacceptable practice; |
| | confirm findings; 4. Increase odour patrol | 3. Formulate remedial actions; |
| | frequency to bi-weekly; | 4. Ensure remedial actions properly |
| | 5. Assess effectiveness of | implemented; |
| | remedial action and keep EPD informed of the results; | 5. If exceedance continues, consider what more/enhanced mitigation measures |
| | 6. If exceedance stops, cease | should be implemented; |
| | additional odour patrol. | 6. Inform DSD or the operator of the SHWSTW if exceedance is considered to be caused by the operation of the SHWSTW. |

Note:

(a) Project Proponent shall identify an implementation agent.

3.2 SITE AUDIT

Environmental mitigation measures (related to air quality, water quality, waste, land contamination, hazard-to-life, and landscape and visual) to be implemented during the construction and operation phase of the Project are recommended in the approved EIA Report and EM&A Manual and are summarised in *Annex F*. Weekly site audits for construction phase and monthly site audits for operation phase will be carried out to check the implementation of these measures.

3.2.1 Water Quality

Compliance audits are to be undertaken to ensure that a valid discharge licence has been issued by EPD prior to the discharge of effluent from the operation of the Project site. The audit shall be conducted to ensure that the effluent quality is in compliance with the discharge licence requirements. The effluent quality shall meet the discharge limits as described in *Table 3.9*.

Table 3.9 Discharge Limits for Effluent

| Parameters | Discharge Limit (mg/L) |
|---|------------------------|
| Flow Rate (m ³ /day) | 685 |
| pH (pH units) | 6-10 (a) |
| Suspended Solids | 800 |
| Biochemical Oxygen Demand (5 days, 20°) | 800 |
| Chemical Oxygen Demand | 2,000 |
| Oil & Grease | 40 |
| Total Nitrogen | 200 |
| Total Phosphorus | 50 |
| Surfactants (total) | 25 |
| Note: | |
| (a) Range. | |

3.2.2 Landscape and Visual

In accordance with EM&A Manual, the landscape and visual mitigation measures shall be implemented. Bi-weekly landscape and visual audit during the construction phase is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures recommended in the approved EIA Report are fully achieved. The implementation status of the mitigation measures for construction phase is summarised in *Annex F*.

For operation phase, site inspection shall be conducted once a month for the first year of operation of the Project. All measures as stated in the implementation schedule of the EM&A Manual (see *Annex F*), including compensatory planting, undertaken by both the Contractor and the specialist Landscape Sub-Contractor during the first year of the operation phase shall be audited by a Registered Landscape Architect (RLA) to ensure compliance with

| he intended ai neasures. | | | O |
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4 MONITORING RESULTS

4.1 AIR QUALITY

4.1.1 Commissioning Phase Monitoring

On 10, 11, 19 and 27 December 2018 and 16 and 29 January 2019, air samples were collected from the outlet of the CAPCS by ALS for measurement of the Odour Intensity by olfactometry analysis at the laboratory. The odour level of the odour samples collected from the CAPCS on 10, 11, 19 and 27 December 2018 and 16 January 2019 have exceeded the odour limit as shown in *Table 3.2*. No exceedance was found for the samples collected on 29 January 2019. The laboratory results are shown in *Annex J*. The cause of the exceedances recorded was due to the breakdown of the automatic chemical dosing system and the repairing of the automatic chemical dosing system was longer than anticipated. The system was fixed and the odour concentration of the air sample taken on 29 January 2019 showed compliance with the odour limit.

Investigation of the exceedances has been conducted. The investigation report is shown in *Annex K*.

Monitoring results of air quality parameters from stack emissions of the centralised air pollution control system, the ammonia stripping plant and the cogeneration units will be provided once available to show compliance with the monitoring requirements stated in the EM&A Manual (Rev. E) to support the termination of the construction phase EM&A programme.

4.1.2 Operation Phase Monitoring

The concentrations of concerned air pollutants emitted from the stacks of the CAPCS, CHP, and ASP during the reporting period are monitored on-line by the continuous environmental monitoring system (CEMS). During the reporting period, there is no need to operate the standby flare and therefore no monitoring of the flare stack was undertaken.

With reference to the emission limits shown in *Tables 3.2, 3.3* and *3.4*, the hourly average concentrations and the number of exceedances of the concerned air emissions monitored for the CAPCS, CHP and ASP during this reporting period are presented in *Tables 4.1* to *4.5*.

It should be noted that measurements recorded under abnormal operating conditions, e.g. start up and stopping of stacks, unstable operation, test runs and interference of sensor, are disregarded.

Table 4.1 Hourly Average of Parameters Recorded for CAPCS

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) | Emission Limit (mg/Nm³) | Exceedance Identified | Remarks |
|-----------|--|-------------------------------|--------------------------|---------|
|-----------|--|-------------------------------|--------------------------|---------|

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) | Emission Limit (mg/Nm³) | Exceedance Identified | Remarks |
|---|--|-------------------------------|--------------------------|--|
| VOCs (including methane) (b) | 1 - 17 | 680 | Nil | Nil |
| Dust (or TSP) | 0 | 6 | Nil | Nil |
| Odour (including NH ₃ & H ₂ S) | 0 - 3,229 | 220 ^(c) | Identified (d) | Breakdown of the automatic chemical dosing system of the CAPCS. Manual dosing of the chemical to the system was arranged. The defect will be rectified in the next reporting period. |

Notes:

- (a) The hourly average concentrations for the monitoring period are presented in *Annex G*.
- (b) On-line monitoring was not available during the reporting period. Alternative monitoring method as specified in the EM&A manual was used to measure VOCs.
- (c) The odour unit is OU/Nm³.
- (d) Dates with exceedances on Odour (number of exceedances on the day) were identified on 2 (2), 8 (1), 9 (1) 10 (11), 11 (5), 12 (15), 13 (24), 14 (24), 15 (22), 16 (21), 17 (24), 18 (22), 19 (24), 20 (17), 21 (19), 22 (12), 25 (5), 27 (2), 28 (1), 29 (10), 30 (4) and 31 (2) March 2019.

Table 4.2 Hourly Average of Parameters Recorded for CHP 1

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) (b) | Max. Emission Limit (mg/Nm³) | Exceedance Identified | Remarks |
|------------------------------|---|---------------------------------------|--------------------------|---------------------------------------|
| Dust (or TSP) | 0 - 2.5 | 15 | Nil | Nil |
| Carbon Monoxide | 0 - 459 | 650 | Nil | Nil |
| NO_x | 0 - 272 | 300 | Nil | Nil |
| SO ₂ | 0 - 202 | 50 | Identified (d) | Desulphurisation system interruption. |
| NMVOCs | Not Available | 150 | Not Available (e) | Nil |
| VOCs (including methane) (c) | Not Available | 1,500 | Not Available (e) | Nil |
| HCl | 0 | 10 | Nil | Nil |
| HF | 0 - 0.5 | 1 | Nil | Nil |

- (a) All values refer to an oxygen content in the exhaust gas of 6% and dry basis.
- (b) The hourly average concentrations for the monitoring period are presented in *Annex G*.
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.
- (d) Dates with exceedances on SO_2 (number of exceedances on the day) were identified on 11 (3), 15 (1), 16 (2), 28 (5), 29 (1) and 31 (5) March 2019.
- (e) Technical issue related to monitoring range of VOCs and methane sensors and the Contractor is solving the problem together with the equipment suppliers.

Table 4.3 Hourly Average of Parameters Recorded for CHP 2

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) (b) | Max. Emission Limit (mg/Nm³) | Exceedance Identified | Remarks |
|------------------------------|---|---------------------------------------|---------------------------------|---------------------------------------|
| Dust (or TSP) | 0 - 8 | 15 | Nil | Nil |
| Carbon Monoxide | 0 - 340 | 650 | Nil | Nil |
| NO_x | 0 - 271 | 300 | Nil | Nil |
| SO ₂ | 0 - 156 | 50 | Identified (d) | Desulphurisation system interruption. |
| NMVOCs | Not Available | 150 | Not Available ^(e) | Nil |
| VOCs (including methane) (c) | Not Available | 1,500 | Not Available (e) | Nil |
| HCl | 0 | 10 | Nil | Nil |
| HF | 0 | 1 | Nil | Nil |

Notes

- (a) All values refer to an oxygen content in the exhaust gas of 6% and dry basis.
- (b) The hourly average concentrations for the monitoring period are presented in *Annex G*.
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.
- (d) Dates with exceedances on SO_2 (number of exceedances on the day) were identified on 1 (4), 2 (1), 3 (2), 4 (1), 5 (6), 6 (2), 9 (4), 12 (2), 13 (1), 14 (1), 16 (1), 17 (1), 18 (2), 19 (4), 20 (3), 23 (5), 25 (3) and 26 (4) March 2019.
- (e) Technical issue related to monitoring range of VOCs and methane sensors and the Contractor is solving the problem together with the equipment suppliers.

Table 4.4 Hourly Average of Parameters Recorded for CHP 3

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) | Max. Emission Limit (mg/Nm³) | Exceedances Identified | Remarks |
|------------------------------|--|---------------------------------------|---------------------------------|---------------------------------------|
| Dust (or TSP) | 0 - 3 | 15 | Nil | Nil |
| Carbon Monoxide | 0 - 351 | 650 | Nil | Nil |
| NO_x | 0 - 292 | 300 | Nil | Nil |
| SO ₂ | 0 - 129 | 50 | Identified (d) | Desulphurisation system interruption. |
| NMVOCs | Not Available | 150 | Not Available (e) | Nil |
| VOCs (including methane) (c) | Not Available | 1,500 | Not Available ^(e) | Nil |
| HCl | 0 | 10 | Nil | Nil |
| HF | 0 - 1 | 1 | Nil | Nil |

- (a) All values refer to an oxygen content in the exhaust gas of 6% and dry basis.
- (b) The hourly average concentrations for the monitoring period are presented in *Annex G*.
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) | Max. Emission Limit (mg/Nm³) | Exceedances Identified | Remarks |
|-----------|--|---------------------------------------|---------------------------|---------|
|-----------|--|---------------------------------------|---------------------------|---------|

⁽d) Dates with exceedances on SO_2 (number of exceedances on the day) were identified on 10 (2), 13 (2), 14 (1), 15 (1), 27 (2), 29 (3) and 30 (1) March 2019.

Table 4.5 Hourly Average of Parameters Recorded for ASP

| Parameter | Range of Hourly Average Conc. (mg/Nm³) (a) | Max. Emission Limit (mg/Nm³) | Exceedances Identified | Remarks |
|------------------------------|--|---------------------------------------|---------------------------|---|
| Dust (or TSP) | 0 - 5 | 5 | Nil | Nil |
| Carbon Monoxide | 0 - 1,860 | 100 | Identified (d) | Parameter emissions from ASP were affected by process optimisation. |
| NOx | 0 - 1,159 | 200 | Identified (e) | Parameter emissions from ASP were affected by process optimisation. |
| SO ₂ | 0 - 135 | 50 | Identified (f) | Desulphurisation system interruption. |
| VOCs (including methane) (c) | 0 - 2,908 | 20 | Identified (g) | Parameter emissions from ASP were affected by process optimisation. |
| NH ₃ | 0 - 3,653 | 35 | Identified (h) | Parameter emissions from ASP were affected by process optimisation. |
| HCl | 0 - 3.5 | 10 | Nil | Nil |
| HF | 0 - 1 | 1 | Nil | Nil |

- (a) All values refer to an oxygen content in the exhaust gas of 11% and dry basis.
- (b) The hourly average concentrations for the monitoring period are presented in *Annex G*.
- (c) The VOCs emission limit include methane as biogas is adopted as fuel in the combustion process.
- (d) Dates with exceedances on CO (number of exceedances on the day) were identified on 12 (3), 13 (3), 16 (22), 17 (7), 18 (8), 19 (22), 20 (11), 21 (15), 22 (1), 24 (11), 25 (5), 26 (5) and 29 (1) March 2019.
- (e) Dates with exceedances on NOx (number of exceedances on the day) were identified on 11 (6), 12 (2), 13 (1), 14 (2), 16 (1), 17 (2), 18 (5), 19 (4), 20 (1), 22 (4), 24 (4), 25 (1), 27 (7), 28 (5), 29 (3) and 31 (8) March 2019.
- (f) Dates with exceedances on SO₂ (number of exceedances on the day) were identified on 9 (3), 14 (1), 16 (1), 19 (3), 20 (4), 25 91), 26 (4), 28 (2), 29 (1) and 31 (2) March 2019.
- (g) Dates with exceedances on VOCs (including methane) (number of exceedances on the day) were identified on 16 (2), 18 (1), 19 (9), 20 (7), 21 (12), 22 (3), 24 (17), 25 (4), 26 (8), 28 (1) and 29 (15) March 2019.
- (h) Dates with exceedances on NH₃ (number of exceedances on the day) were identified on 9 (15), 10 (12), 11 (8), 12 (4), 13 (4), 14 (13), 15 (2), 16 (24), 17 (20), 18 (17), 19 (20), 20 (4), 21 (15), 22 (3), 24 (18), 25 (5), 26 (9), 28 (3) and 29 (1) March 2019.

⁽e) Technical issue related to monitoring range of VOCs and methane sensors and the Contractor is solving the problem together with the equipment suppliers.

4.2 ODOUR

4.2.1 Commissioning Phase Monitoring

Odour patrols were conducted by representatives of the Contractor, the ER and Employer (EPD Project Team) on 1, 4, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 March 2019. The Independent Odour Patrol Team, ALS Technichem (HK) Pty Ltd (ALS), has also joined the odour patrol on 1 March 2019. According to the EM&A Manual and EP requirements, it is considered an exceedance if the odour intensity recorded by the panellists is Level 2 or above. During this reporting period, no Level 2 Odour Intensity was recorded. The odour patrol results are shown in *Annex J*.

4.2.2 Operation Phase Monitoring

No odour patrol was required to be conducted for this reporting period.

4.3 WATER QUALITY

4.3.1 Construction Phase Monitoring

No effluent was discharged from the construction activity in the reporting month, hence there was not necessary to carry out effluent discharge sampling for this reporting period.

4.3.2 Operation Phase Monitoring

Effluent discharge was sampled monthly from the Effluent Storage Tank as stipulated in the operation phase discharge licence. The results of the discharge sample is recorded in *Table 4.5*.

Table 4.6 Results of the Discharge Sample

| Parameters | Discharged Effluent Concentration (mg/L) | Discharge Limit (mg/L) | Compliance with Discharge Limit |
|---|---|---------------------------|---------------------------------|
| pH (pH units) | 6.12 - 8.47 | 6-10 (a) | Yes |
| Suspended Solids (b) | 34 | 800 | Yes |
| Biochemical Oxygen Demand (5 days, 20°) (b) | 35 | 800 | Yes |
| Chemical Oxygen Demand (b) | 888 | 2,000 | Yes |
| Oil & Grease (b) | <5 | 40 | Yes |
| Total Nitrogen (b) | 76.5 | 200 | Yes |
| Total Phosphorus (b) | 25.1 | 50 | Yes |
| Surfactants (total) (b) | <1.0 | 25 | Yes |

Notes:

- (a) Daily Average.
- (b) Effluent sample collected on 25 March 2019.

No exceedance of discharge limit was recorded during the reporting period.

4.4 WASTE MANAGEMENT

4.4.1 Construction Phase Monitoring

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 construction of 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 H*). 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 *Table 4.7*.

Table 4.7 Quantities of Waste Generated from the Construction of 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 |
| March 2019 | 190.40 tonnes | 0.00 kg | 16.45 tonnes | 0.00 L |

Notes:

- (a) Inert C&D materials (public fill) include bricks, concrete, building debris, rubble and excavated spoil. In total, 190.40 tonnes of inert C&D material were generated from the Project. The detailed waste flow is presented in *Annex H*.
- (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) 0.00 kg of metals, 0.00 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.

4.4.2 *Operation Phase Monitoring*

Wastes generated from the operation of the Project include chemical waste, wastes generated from pre-treatment process and general refuse ⁽¹⁾. Reference has been made to the Monthly Summary Waste Flow Table prepared by the Contractor (see *Annex H*). With reference to the relevant handling records and trip tickets of this Project, the quantities of different types of waste generated from the operation of the Project in the reporting month are summarised in *Table 4.8*.

Public fill and construction waste may only be generated during maintenance works when there are civil or structural works.

Table 4.8 Quantities of Waste Generated from the Operation of the Project

| Month/Year | Chemical Waste | Waste Generated from Pre-treatment Process | | General | Refuse |
|------------|---------------------|---|--------------|---|--------------|
| | Disposal of at CWTC | Disposed of at Landfill (a) | Recycled (b) | Disposed of at Landfill ^(a) | Recycled (c) |
| March 2019 | 1,200 L | 477.08 tonnes | 0.00 tonnes | 1.50 tonnes (d) | 0.00 kg |

- (a) Waste generated from pre-treatment process and general refuse other than chemical waste and recyclables were disposed of at NENT landfill by sub-contractors.
- (b) Among waste generated from pre-treatment process, 0.00 kg of metals, 0.00 kg of papers/cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.
- (c) Among general refuse, 0.00 kg of metals, 0.00 kg of papers/ cardboard packing and 0.00 kg of plastics were sent to recyclers for recycling during the reporting period.
- (d) It was assumed that two 240-litre bins filled with 80% of general refuse were collected at each collection. The general refuse density was assumed to be around $0.15\,\mathrm{kg/L}$.

5 SITE AUDIT

5.1 WEEKLY ENVIRONMENTAL SITE AUDIT

Joint site inspections were conducted by representatives of the Contractor and the ET on 8, 15, 22 and 28 March 2019 as required for the construction of the Project. The IEC was present at the joint inspection on 22 March 2019.

The audits checked the implementation of the recommended mitigation measures for air quality, landscape and visual, water quality, waste (land contamination) and hazard-to-life stated in the Implementation Schedule (see *Annex F*).

Follow-up actions resulting from the last site inspections were generally taken as reported by the Contractor.

Key observations during the reporting period are summarised as follows:

8 March 2019

• Chemical drums were observed near Building 2 and the contractor was advised to provide drip trays to the chemical drums or replace the drums to designed storage area according to the Code of Practice.

15 March 2019

• Chemical drums were observed near Building 2 and the contractor was advised to provide drip trays to the chemical drums or replace the drums to designed storage area according to the Code of Practice.

22 March 2019

Chemical drums of less quantity were observed near Building 2 and the
contractor was advised to provide drip trays to the remaining chemical
drums or replace the remaining drums to designed storage area
according to the Code of Practice.

28 March 2019

 Remaining chemical drums were observed near Building 2 and the contractor was advised to provide drip trays to the remaining chemical drums or replace the remaining drums to designed storage area according to the Code of Practice.

Other than the above observation, the Contractor has implemented environmental mitigation measures recommended in the approved EIA Report and EM&A Manual.

5.2 LANDSCAPE AND VISUAL AUDIT

Bi-weekly inspections of the landscape and visual mitigation measures for the

construction phase of the Project were performed on 8 and 22 March 2019. The inspection on 22 March 2019 also covered the monthly inspection of the landscape and visual mitigation measures for the operation phase of the Project.

It was confirmed that the necessary landscape and visual mitigation measures during the construction and operation phase as summarised in *Annex F* were generally implemented by the Contractor. No specific observation was found during site inspections on 8 and 22 March 2019. No non-compliance in relation to the landscape and visual mitigation measures was identified during the site audits in this reporting period and therefore no further actions are required. The ET/MT will keep track of the EM&A programme to check compliance with environmental requirements and the proper implementation of all necessary mitigation measures.

6 ENVIRONMENTAL NON-CONFORMANCE

6.1 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

Non-compliance of emission limits for CAPCS, CHP and ASP were recorded during the reporting period, respectively.

The Contractor has reviewed the organic waste treatment processes (i.e. waste reception, waste pre-treatment, anaerobic digesters, and composting processes) and found that they were operated normally during the reporting period. The Contractor has investigated air pollution control systems of the CAPCS, CHP and ASP and the combustion system for the CHP and the ASP and identified the following potential causes for the exceedance.

- (a) There were breakdowns of the automatic chemical dosing system of the CAPCS. As a result, it could not effectively remove the odorous gases (e.g. NH_3 and H_2S) and caused exceedances of odour limits for the CAPCS;
- (b) Tripping of the circulation pump resulting in the incompletion desulphurisation of biogas resulting in exceedances of SO₂ limits for CHP and ASP stacks; and
- (c) The combustion efficiency of the thermal combustion unit of the ASP was affected during overall process fine tuning that causes exceedances of CO, NO_x, VOCs and NH₃.

For item (a), the Contractor has arranged manual dosing of the chemical to the system to minimise the exceedances in odour in the CAPCS.

For item (b), the Contractor has contacted the supplier of the chemical dosing system to carry out repairing works so that the system can function properly. Additional activated carbon filter was put on-line to minimise the incomplete desulphurisation of biogas.

For item (c), new setting on operational parameters were adjusted during this reporting period to adapt to the new packing media changed at the end of the last reporting period for better overall treatment performance. The Contractor will continue to tune the thermal combustion unit of the ASP in order to restore the combustion efficiency so that the concerned pollutants will be effectively destroyed.

The investigation report is presented in *Annex K*.

6.2 SUMMARY OF ENVIRONMENTAL COMPLAINT

No complaint was received during the reporting period.

6.3 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 I*.

7 FUTURE KEY ISSUES

7.1 KEY ISSUES FOR THE COMING MONTH

Activities to be undertaken for the coming reporting period are:

- Operation of the Project.
- Contractor should resolve the technical issue related to the on-line monitoring of methane emission (hence the calculation of the NMVOC concentration) from the CHP stacks as soon as possible and undertake gas sampling and laboratory analysis of NMVOC at agreed interval when the on-line monitoring equipment for methane is not available.
- Implementation of further measures to control the air emission from the CAPCS, CHP and ASP.
- Continue construction of the Visitor Centre.

8 CONCLUSIONS

This EM&A Report presents the EM&A programme undertaken during the reporting period from **1** to **31 March 2019** in accordance with EM&A Manual (Version E) and requirements of EP (FEP-01/395/2010/C).

No air quality, noise and water quality monitoring is required under the construction EM&A requirements.

For the operation phase, a number of exceedances of the emission limits for stack monitoring (including CAPCS, CHP and ASP stacks) were recorded during the reporting period (see *Table 8.1*).

Table 8.1 Exceedances for Stack Emissions

| Stack | Exceedances During the Reporting Period |
|---|---|
| Centralised Air Pollution Control Unit (CAPCS) | • Exceeded emission limit of Odour for most of the days (including 2, 8 to 22, 25 and 27 to 31 March 2019) in March |
| Cogeneration Unit (CHP) | • Exceeded emission limit of SO_2 on most of the days (including 1 to 6, 9 to 20, 23 and 25 to 31 March 2019) in March |
| Ammonia Stripping Plant (ASP) | • Exceeded emission limit of CO on most of the days (including 12, 13, 16 to 22, 24 to 27 and 29 March 2019) in March |
| | • Exceeded emission limit of NO_x most of the days (including 11 to 14, 17 to 20, 22, 24, 24 27 to 29 and 31 March 2019) in March |
| | Exceeded emission limit of SO₂ on 9, 14, 16, 19, 20, 24 to 26, 28, 29 and 31 March 2019 |
| | Exceeded emission limit of VOCs (including methane) on 16, 18, 19 to 22, 24 to 26, 28 and 29 March 2019 |
| | • Exceeded emission limit of NH_3 on 9 to 22, 24 to 26, 28 and 29 March 2019 |
| Standby Flare Gas Unit | NA (Not operated during the reporting period) |

Exceedances in emission parameters of CAPCS, CHP and ASP were found to be a result of problems with the chemical dosing system of the air pollution control systems of the CAPCS, incomplete desulphurisation of biogas which fed to the CHPs, and the incomplete thermal combustion of the thermal combustion unit of the ASP.

The Contractor has implemented mitigation measures to control the exceedance (including the arrangement of supplier of the dosing system for the CAPCS to repair the dosing system and manual dosing of chemical to the CAPCS until the problems of the automatic dosing system is fixed; adding additional activated carbon filters to the biogas desulphurisation system to control the H₂S level in the biogas which fed to the CHP and the ASP; and tuning the thermal combustion unit of the ASP to optimise combustion efficiency and overall performance).

Odour patrols and monitoring were conducted in accordance to the EM&A requirements. No exceedance of odour intensity limit for all odour patrol events. Air samples were collected at the CAPCS for olfactometry analysis at the laboratory on 10, 11, 19 and 27 December 2018 and 16 and 29 January 2019. The odour level of the samples collected on 10, 11, 19 and 27 December 2018 and 16 January 2019 have exceeded the odour limit. An investigation of the cause of the exceedance has been carried out. The investigation report is shown in *Annex K*.

No non-compliance to the effluent discharge limit was recorded during this reporting period.

The environmental control /mitigation measures related to air quality, water quality, waste (including land contamination prevention), hazard-to-life and landscape and visual recommended in the approved EIA Report and the EM&A Manual were properly implemented by the Contractor during the reporting month.

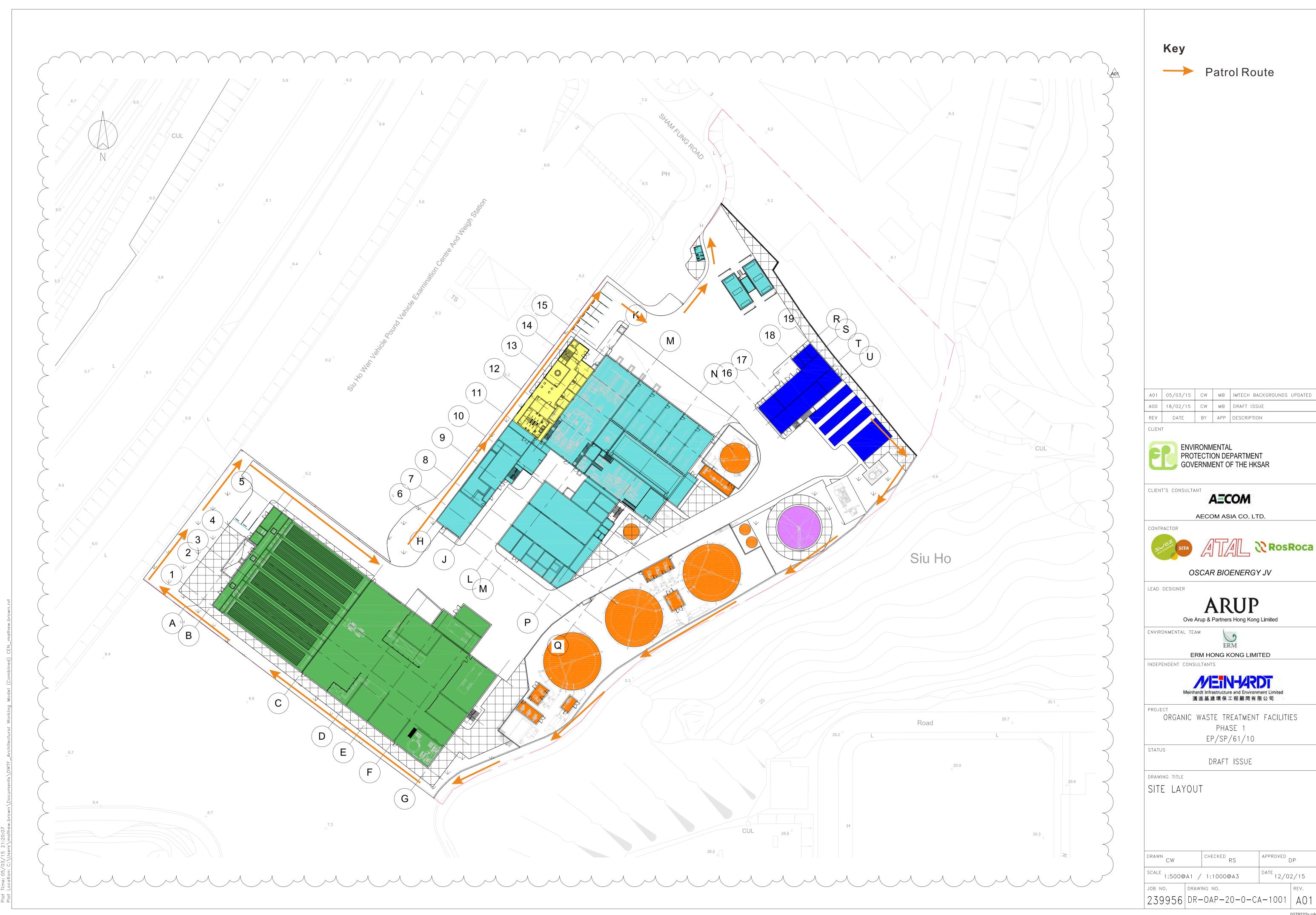
Bi-weekly landscape and visual monitoring was conducted in the reporting period. The necessary landscape and visual mitigation measures recommended in the approved EIA Report were generally implemented by the Contractor.

No incident occurred during reporting period.

No complaint/summon/prosecution was received.

Annex A

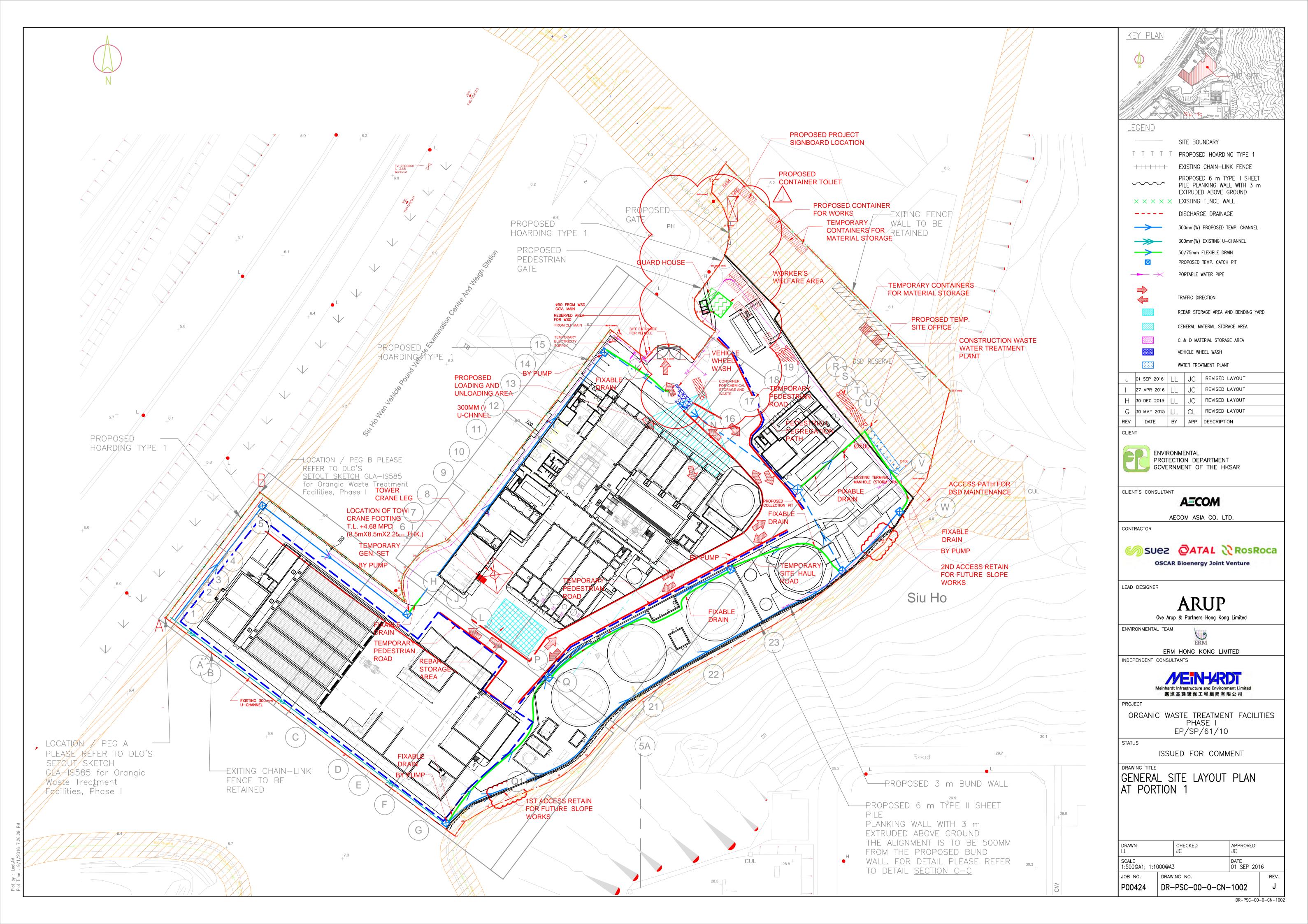
Project Layout



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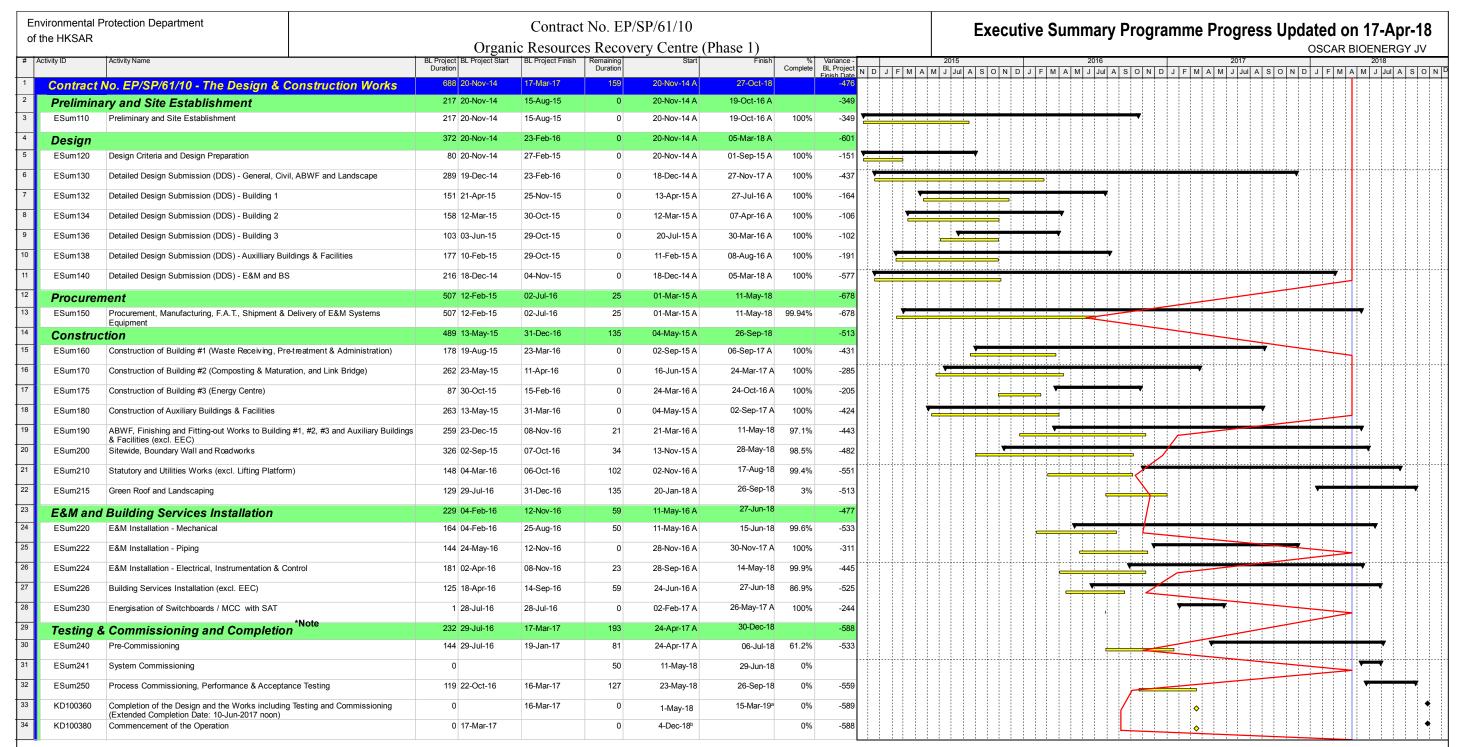
Annex B

Works Location



Annex C

Construction Programme of the Project



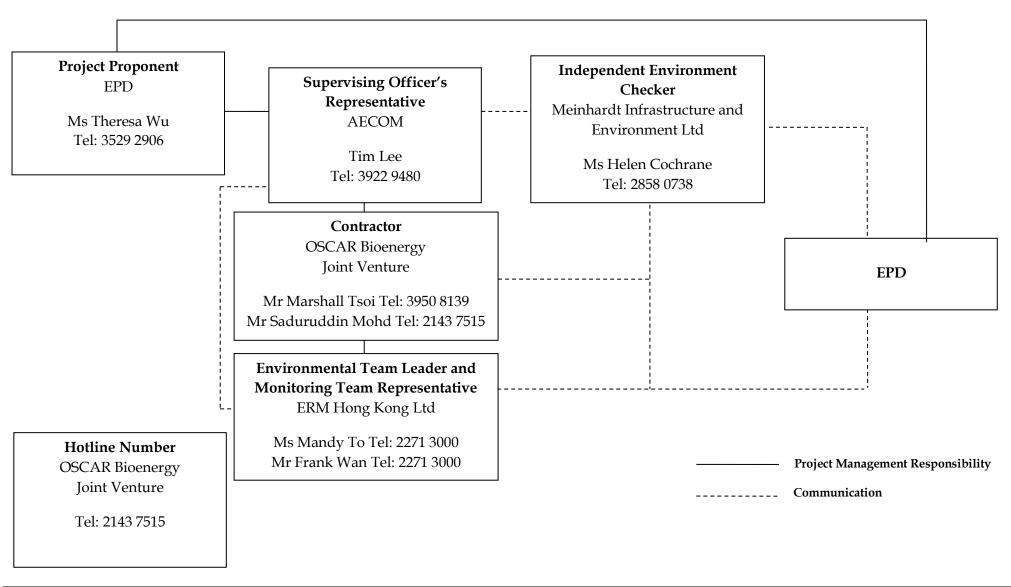
a: The T&C is in progress.

b: The confirmation for substantial completion has been dated to 3 December 2018

Annex D

Project Organisation Chart with Contact Details

Project Organization (with contact details)



Annex E

Calibration Certification for the On-line Stack Monitoring System

Annex E1

Calibration Certification for the CEMS

Commissioning Check List 试运行检查项目表 MCS100FT

| Customer data 客户资料 | | | | | | | |
|--------------------|---|---|-------------|---|---------|---------------|-----------------|
| Customer: OSCAR | | | Plant: OWTF | | | | |
| | Location: SHW | | | | | .UVII | |
| | Device data 设备资料 Device type 设备类型: McS[0 Serial no. 序列号: 1607 Sample probe type 取样探头类型: SFU | 1 | | | | | |
| 2. | Plant data 电厂资料 | | | | - | | |
| Orie 方向 | entation of the stack 収件点 | Outside 室外 □ Horizontal 水平 □ Horizontal | | er cover 保护罩 [Vertical 垂直 [Vertical | | nside 室内 🔽 | |
| | 探头方向 | 水平区 | | 垂直[| | | |
| | Pressure 压力 _ Plant operating status 电厂运行情况 _ | Vorma L | C | Gas temp | erature | 烟气温度 | E <u>410</u> °C |
| 3. | Prerequisite 系统运行条件 | | Y | N R | emarks | 备注 | |
| 3.1. | Documentation + Delivery co 文件+货物是否齐全 | mplete | Ø | | | | |
| 3.2. | Platform at measurement sponsuitable dimension? 测量点平台的尺寸是否合适? | ot has | d | | | | |
| 3.3. | If this measurement location legal regulation, has it been acknowledged by an official b如果安装位置需要符合法律法位置是否被官方认可? | oody? | d | | | | |
| 3.4. | | 否可行? | d | | | | |
| 3.5. | | e installed | d | | | | |
| 3.6. | Compressed air station instal compressed air available? 压缩空气站已安装并且压缩空用? | | d | | | | |

| 4. 1 | Preliminary work 预备工作 | | | | 7 |
|------|--|----|------|--|---|
| | | Y | N | Remarks 备注 | |
| 4.1. | Mounting of flanges like described in the Operating Instruction? 法兰安装是否按照图纸? | Ø | | | |
| 4.2. | Check for damage 检查外部损伤 | Ø | | | |
| 4.3. | Check ambient conditions 检查环境条件 | Ø | | | |
| 4.4. | Check mounting conditions 检查安装条件 | D | | | |
| 4.5. | Check cables / wires for correct installation 检查电缆/电线及其连接状况 | D | | | |
| 4.6. | Check main power supply voltage 检查总供电电压 | Ø | П | | |
| 5. F | Periphery 外部设备 | | | | |
| | | Y | N | Remarks 备注 | |
| 5.1. | Check compressed air supply 检查压缩空气供应 | D/ | | | |
| | Inlet 入口(5 bar): | | | | |
| 6. 5 | Sample probe 取样探头 | 30 | 70.0 | COLUMN TO STATE OF THE STATE OF | |
| | | Υ | N | Remarks 备注 | |
| 6.1. | 管线和电缆的连接 | Ø | | | |
| 6.2. | Install probe 探头安装 | Ø | | | |

| 7 | MCS100FT | | | |
|------|--|---|----|------------------------------------|
| | WOO TOOL T | Y | N | Remarks 备注 |
| | Switch on analyzer and wait for warm up 打开分析仪并等待预热 | Ø | | |
| 7.2. | Check sample conditions 检查样气情况 | M | | |
| | Flow rate 流量: 230 l/h | | | |
| 7.3. | Check zero conditions 检查零点情况 | Ø | | |
| | Flow rate 流量: 160 l/h | | | |
| 7.4. | Perform zero point setting 零点设置 | Ø | 07 | Test results within specification, |
| 7.5. | Perform span test 量程测试 | Ø | | |
| 7.6. | Parameterize the I/O Module 设置 I/O 模块参数 | Ø | | |
| 7.7. | Measured values are plausible 测量值是否合理 | Ø | | |
| 7.8. | Save device data 储存设备数据 | Q | | |
| 7.9. | Complete Commissioning Sign-Off Sheet 完成试运行签署表 | Ø | | |
| 7.10 | Instruct the operator personnel 操作员培训 Hand over the maintenance manual and check lists 移交维护手册和检查表 - Measurement reading 读取测量值 - Perform customer maintenance 演示维护方法 - Read messages 读取信息 | Þ | | |

8. Measured value

| Index | Source | Unit | Range | e 范围 | Reading | Output |
|-------|-----------------|---------|----------|--------|------------------|-------------|
| 编号 | 信号源 | 单位 | Start 开始 | End 结束 | (actual) 实际读数 | value 产值 |
| 1 | HCL | mg/Nm3 | 0 | (20 | 60.22 PPM | 60,22 ppm |
| 2 | HF | ma/Nm3 | 0 | 5 | 4,34 pm | 4,34 ppm |
| 3 | CO | ma/Nm3 | 0 | 1000 | 128.21ppm | 128,20 ppm |
| 4 | NO | ma/Nm3 | 0 | 500 | 122.01PPM | 122,00 PPh |
| 5 | NO ₂ | ma/Nm3 | 0 | 200 | 98.81 ppm | 98.80 PP4 |
| 6 | NO _X | ma/Nm3 | 0 | 500 | 4/21/10/13 | 4/2.12 ma |
| 7 | SO ₂ | max/Nm3 | 0 | 300 | 83,21 Ppm | 83.21 PPH |
| 8 | CO ₂ | Vol 0/0 | 0 | 25 | 20,010/0 | 20.01.010 |
| 9 | H₂O | Vololo | 0 | 40 | 32.020/0 | 32,010/0 |
| 10 | O ₂ | 10000 | 0 | 21 | 20,950/5 | 20,950/5 |
| 11 | TOC | mos/Nm3 | 0 | 300 | 122,01 ppm | 122,01 pps |
| 12 | NH ₃ | ma/Nm3 | 0 | 100 | 53,30 ppm | 53,3/pph |
| 13 | CH4 | ma/Nm3 | 0 | 100 | 112.01 ppm | 112.01 PPW |
| 14 | | 1 100 | | T. Ne | 11-10-1-1-1 | 11201177 |
| 15 | | | | | | |

| temarks 备注 | | |
|---|-----------------------|--|
| Date / 1 | Name 签名 | |
| Date 日期: 25/7/20/8 Engineer 工程师: Whith | Plant personnel 用户代表: | |

(2)

Commissioning Check List 试运行检查项目表 MCS100FT

| Cus | stomer data 客户资料 | | | | | |
|-----------------|--|------------------------------------|--|--|--|--|
| Customer: Oscar | | Plant: OWTE | | | | |
| | Location: SHW | | | | | |
| | Device data 设备资料 Device type 设备类型: MCS looFT (2) Serial no. 序列号: 1607 0494 Sample probe type 取样探头类型: SF() | | | | | |
| 2. | Plant data 电厂资料 | | | | | |
| Loca | ation 标签编号 Outside 室外 □ | Under cover Inside 有保护罩 | | | | |
| Orie 方向 | entation of the stack 取样点 N平 □ | Vertical 垂直 ☑ | | | | |
| | entation of sample gas probe 接探头方向 水平 ☑ | Vertical 垂直 □ | | | | |
| | Pressure 压力 <u>fo fo</u> hpa Plant operating status 电厂运行情况 <u>Norma</u> | Gas temperature 烟气温度 <u>410</u> °C | | | | |
| 3. | Prerequisite 系统运行条件 | Y N Remarks 备注 | | | | |
| 3.1. | Documentation + Delivery complete 文件+货物是否齐全 | | | | | |
| 3.2. | Platform at measurement spot has suitable dimension? 测量点平台的尺寸是否合适? | | | | | |
| 3.3. | If this measurement location is under legal regulation, has it been acknowledged by an official body? 如果安装位置需要符合法律法规,此安装位置是否被官方认可? | | | | | |
| 3.4, | | | | | | |
| 3.5. | Cables, tubes and sample line installed but not connected? 电缆、管线和取样管线安装但没有连接? | | | | | |
| 3.6. | | | | | | |

| 4 1 | Preliminary work 预备工作 | | | | _ |
|------|--|----|---|------------|---|
| 7 | Telliminary Work Don't Live | Y | N | Remarks 备注 | |
| 4.1. | Mounting of flanges like described in the Operating Instruction? 法兰安装是否按照图纸? | Ø | | | |
| 4.2. | Check for damage 检查外部损伤 | Ø | | | |
| 4.3. | Check ambient conditions 检查环境条件 | Ø | | | |
| 4.4. | Check mounting conditions 检查安装条件 | Ø. | | | |
| 4.5. | Check cables / wires for correct installation 检查电缆/电线及其连接状况 | Ø | | | |
| 4.6. | Check main power supply voltage 检查总供电电压 | M | | | |
| 5. F | Periphery 外部设备 | | | | |
| | | Y | N | Remarks 备注 | |
| 5.1. | Check compressed air supply 检查压缩空气供应 | D | | | |
| | Inlet 入口(5 bar): 6 Bar | | | | |
| 6. 5 | Sample probe 取样探头 | | | | |
| | | Y | N | Remarks 备注 | |
| 6.1. | Connect bundle of tubes and cables 管线和电缆的连接 | Ø | | | |
| 6.2. | Install probe 探头安装 | A | | | |

| 7. | MCS100FT | Υ | N | Remarks 备注 |
|------|--|---------------|---|-----------------------------------|
| 7.1. | Switch on analyzer and wait for warm up 打开分析仪并等待预热 | <u></u> | | Nemans 甘仁 |
| 7.2. | Check sample conditions 检查样气情况 | d | | |
| | Flow rate 流量: 240 l/h | | | |
| 7.3. | Check zero conditions 检查零点情况 | M | | |
| | Flow rate 流量: 150 l/h | 1 | | |
| 7.4. | Perform zero point setting 零点设置 | V | | |
| 7.5. | Perform span test 量程测试 | Ø | | Test results within specification |
| 7.6. | Parameterize the I/O Module 设置 I/O 模块参数 | M | | 1 |
| 7.7. | Measured values are plausible 测量值是否合理 | Ø | | |
| 7.8. | Save device data 储存设备数据 | d | | |
| 7.9. | Complete Commissioning Sign-Off Sheet 完成试运行签署表 | $ \sqrt{} $ | | |
| 7.10 | Instruct the operator personnel 操作员培训 Hand over the maintenance manual and check lists 移交维护手册和检查表 - Measurement reading 读取测量值 - Perform customer maintenance 演示维护方法 - Read messages 读取信息 | | | |

8. Measured value

| Index | 1.9.130 | | 1 | | | | 3 121 | | Reading | Output |
|-------|------------------|---------|---|--------|------------------|-------------|-------|--|---------|--------|
| 编号 | 信号源 | 单位 | Start 开始 | End 结束 | (actual) 实际读数 | value 产值 | | | | |
| 1 | HCL | mg/Nm3 | 0 | 120 | 60.21 ppm | 60.21 PP | | | | |
| 2 | HF | ma/Nn3 | 0 | 5 | 4,32 ppm | 4,32 ppm | | | | |
| 3 | СО | ma/Nm3 | 0 | 1000 | 128.20 ppm | 128.20 201 | | | | |
| 4 | NO | ma/Nm3 | D | 500 | 122,00 PPM | 122,00 ppm | | | | |
| 5 | NO ₂ | ma/Nn3 | 0 | 200 | 98.80 ppin | 98.81 000 | | | | |
| 6 | NO _X | may Nm2 | 0 | 500 | 4/2,22 mg/m | 4/2,2/my/ | | | | |
| 7 | SO ₂ | ma/Nm3 | (2) | 300 | 83,21 PPm | 83.21 PPIn | | | | |
| 8 | CO ₂ | 10/0/0 | 0 | 25 | 20.000/0 | 20.00 0/0 | | | | |
| 9 | H ₂ O | Vol 0/0 | 0 | 40 | 32.0/0/0 | 32,010/0 | | | | |
| 10 | O ₂ | Vol 0/0 | 0 | 21 | 20,950/0 | 20,950/0 | | | | |
| 11 | TOC | ma/Nn3 | 0 | 300 | 122,01 PPM | 122,01 pp | | | | |
| 12 | NH ₃ | mg/Nm3 | 0 | 100 | 53,30 PPM | 53,30 PP | | | | |
| 13 | CH4 | mg/Nm3 | 0 | 100 | 112.02 PPM | 112,02 pp | | | | |
| 14 | | 3/ / " | | | 113 | | | | | |
| 15 | | | | | | | | | | |

| Remarks 备注 | | |
|--|-----------------------|---------|
| Date | 118 | Name 签名 |
| Date 日期: 25/7/2018 Engineer 工程师: Lullie Luw | Plant personnel 用户代表: | w. |

Annex E2

Calibration Certification for the CAPCS

QM Zertifikat / QM certificate

Dusthunter SP30



Identifikation / identification

Artikel Nr. / Part No.:

1089203

DHSP30-T2V2FPNNNNNXXS

败

Ident Nr. / Ident no :

00116

Serien Nr. / Serial no.:

18168223

Firmware Version / Firmware version:

01.02.06 (Feb 27 2018 11:37:54)

Bootloader Version / Bootloader version: 01.00.02 Hardware Revision / Hardware version:

1.2

Geräteausführung / Device version:

BUS-Adresse / Bus address:

1

Parameter / Parameter

Sensorantwortzeit Sensor response time 60.0 sec.

Gebläse / Blower:

installiert

installed

Referenzgerät Streulicht DHSP100 Serien-Nr.: Reference measuring device DHSP100 Serial no.:

Messgrößen u. Koeffizienten / Measuring variables and coefficients

Streulichtfaktoren / Scattered light coefficients:

CC0 (abs.):

-0.3800

CC1 (lin.):

0.6850

CC2 (square):

0.0000

Verstärkungsfaktor, Offset / Gain factor, Offset:

Faktoren Analogausgang / Analog Output factors:

Spantest 70 Laser /

SN: 00014 / 08518553

70.00 %

Gain 0:

10.0000

Offset 0: 0.00045

Span 70 Laser

Relais 3:

Wartung / Maintenance

CC0 (abs.):

2.00

CC1 (lin.):

170.85

CC2 (square):

0.00

Koeffizientensätze Messbereich 0 / Coefficient Sets meas. range 0:

Koeff. Satz 1 / Coeff. set 1:

Koeff, Satz 2 / Coeff, set 2:

0.0000

Modbus Schnittstelle / Modbus interface:

CC 0 (abs.):

0.0000

CC 0 (abs.): CC 1 (lin.):

CC 1 (lin.):

1.0000

1.0000

CC 2 (square):

Messbereichsschalter /

0.0000

CC 2 (square):

0.0000

Messbereich, Grenzwert / Meas. range, limit:

Protokoll / protocol:

RTU

Meas. range switch:

0 (Software)

Adresse / address:

Messbereich Wert1 /

0.0 mg

Baudrate / baudrate:

1 19200

Meas. range low value:

Datenbits Parität Stopbits / Databits parity stopbits:

8 EVEN 1

Messbereich Wert2 /

75.0 mg

Meas. range high value:

Endian Codierung / endian code:

NONE

Grenzwert / Limit value:

50.0 mg

Gebläse Druck/Blower Pressure:

10.0 mbar

Das Gerät mit der o.g. Serien-Nr. wurde überprüft und kalibriert nach den Qualitätsstandards der SICK-Gruppe basierend auf einem nach ISO9001 zertifizierten Qualitätssicherungssystem.

This device with the serial no. noted above has been tested and calibrated according to the quality standards of the SICK-Group, which are based on a ISO9001 certified Quality Assurance System.

Ottendorf-Okrilla, 16.04.2018

Unterschrift:

Signature:



Annex F

Implementation Schedule of Mitigation Measures

Annex F1

Implementation Schedule of Mitigation Measures for Construction Phase

Annex F1 Summary of Mitigation Measures Implementation Schedule for Construction Phase

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|-----------|----------------|--|---|--------|
| | Log Ref. | | | |
| | - | al Mitigation Measures in the EIA and EM&A Manual | | |
| | - 0 | | | |
| A. A 3.73 | ir Quality 2.5 | Air Pollution Control (Construction Dust) Regulation & Good Site Practices Use of regular watering, with complete coverage, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather. Use of frequent watering for particularly dusty construction areas and areas close to ASRs. Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines. Open stockpiles should be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs. Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. Establishment and use of vehicle wheel and body washing facilities at the exit points of the site. Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading points, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. Imposition of speed controls for vehicles on unpaved site roads. 8 kilometers per hour is the recommended limit. Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs. Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed. Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with | Construction Site / During Construction Period | |
| | | an effective fabric filter or equivalent air pollution control system. | | |
| | | | | |
| | lazard to Life | | | |
| 4.102 | 3.3 | <u>Construction Phase</u> The number of workers on site during construction stage should be kept at the same level as | Construction Site / During Construction Period | V |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|-------------------|--|--|----------|
| | Log Ref. | the assessment. Construction works should be suspended when delivery of chlorine takes place. 3m high fence should be constructed along the boundary facing the SHWWTW. Emergency evacuation procedures should be formulated and the Contractor should ensure all workers on site should be familiar with these procedures as well as the route to escape in case of gas release incident. Relevant Departments, such as Fire Services Department (FSD), should be consulted during the development of Emergency procedures. Diagram showing the escape routes to a safe place should be posted in the site notice boards and at the entrance/exit of site. A copy of the latest version emergency procedures should be dispatched to Tung Chung Fire Station for reference once available. The emergency procedures should specify means of providing a rapid and direct warning (e.g. Siren and Flashing Light) to construction workers in the event of chlorine gas release in the SHWWTW. The Contractor should establish a communication channel with the SHWWTW operation personnel and FSD during construction stage. In case of any hazardous incidents in the treatment works, operation personnel of SHWWTW should advise the Contractor to inform construction workers to proceed with emergency procedure. The Contractor should appoint a Liaison Officer to communicate with FSD Incident Commander on site in case of emergency. Introduction training should be provided to any staff before carryout construction works at the Project site. Periodic drills should be coordinated and conducted to ensure all construction personnel are familiar with the emergency procedures. Upon completion of the drills, a review on every step taken should be conducted to identify area of improvement. Prior notice of periodic drills should be given to Station Commander of Tung Chung Fire Station. Joint operational exercise | | |
| C. W | 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 | Construction Site / During Construction Period | √ |
| 5.45 | 4.5 | should be adopted where applicable. | | |
| 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 materials should be | Construction Site / During Construction Period | √ |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|------------------|---|---|----------|
| | | 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 | √ |
| 5.47 | 4.5 | Maintenance of vehicles and equipments involving activities with potential for leakage and spillage should only be undertaken within the areas which appropriately equipped to control these discharges. | Construction Site / During Construction Period | √ · |
| 5.48 | 4.5 | Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal. | Construction Site / During Construction Period | √ · |
| 5.49 | 4.5 | Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: • 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 | 4.5 | 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 | |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|--------------------|--|---|----------|
| | | The presence of construction workers generates sewage. It is recommended to provide sufficient chemical toilets in the works areas. The toilet facilities should be more than 30m from any watercourse. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis. | construction period | |
| 5.52 | 4.5 | Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site. | Work Site / During Construction Period | 1 |
| 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. | Work Site / During Construction Period | N/A |
| D. И | I Vaste Managem | ı vent | <u> </u> | <u>_</u> |
| 6.41 | 5.4 | Good Site Practices | Work Site / During | <> |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|------------------|--|--|--------|
| | Log Rei. | 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 | V |
| E. La | andscape an | d Visual | 1 | l |
| 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 Construction Period | V |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|----------|----------|---|---------------------------|-----------|
| | Log Ref. | | | |
| | | 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: | Work site/During Design & | $\sqrt{}$ |
| | | Only well-maintained plant should be operated on-site and plant should be serviced | Construction Stages | |
| | | 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. | | |

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 F2

Implementation Schedule of Mitigation Measures for Operation Phase

Annex F2 Summary of Mitigation Measures Implementation Schedule for Operation Phase

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|----------|---------------------|---|--|--------|
| 2 | Log Ref. | | | |
| <u> </u> | | al Mitigation Measures in the EIA and EM&A Manual | | |
| | ir Quality | A' D 11 1' C + 1 1 C + 1 ' D + 1 P + 1 I' + C + C + 1 C' + D + I' + 1 C + C + 1 C' + D + 1' + 1 C + 1 | OMETER CO. 1 / D. | |
| 3.78 | 2.7 & 2.13 -2.19 | Air Pollution Control (Construction Dust) Regulation & Good Site Practices Commissioning tests shall be conducted to confirm the centralized air pollution control unit, the cogen units, the standby flaring unit and ASP against the design emission levels as stated in Tables 2.2 - 2.5. Odour monitoring shall be conducted at the stack exhaust of the centralized air pollution control unit weekly in the first month of the commissioning stage. | OWTF Stacks/ During Commissioning Stage | V |
| 3.78 | 2.7-2.12 | <u>Air Pollution Control and Stack Monitoring</u> • Stack monitoring shall be installed for the centralized air pollution control unit, cogen units and ASP of OWTF to ensure that the air emissions from OWTF would meet the design emission limits as well as EPD criteria. | During Operation | √ · |
| 3.78 | 2.20- 2.28 | Odour Patrol at site boundary of OWTF | OWTF Site Boundary/During Operation (The need to continue the odour patrol after the end of the 2-year monitoring period would depend on the monitoring results and should be agreed with EPD) | N/A |
| В. Н | lazard to Life | | | |
| 4.103 | 3.4 | Operation Phase 3m high fence should be constructed along the boundary facing the SHWWTW Emergency evacuation procedures should be formulated and the Contractor should ensure on site staff should be familiar with these 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 personnel on site in the event of chlorine gas release in the SHWWTW. The Contractor should establish a communication channel with the SHWWTW operation personnel and FSD. In case of any hazardous incidents in the treatment works, operation personnel of SHWWTW should advise the Contractor to inform personnel on site to proceed | Work Site / During Operation Period | V |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|----------|------------------|--|-----------------------------|-----------|
| | Log Kei. | | <u> </u> | <u> </u> |
| | | with emergency procedure. The Contractor should appoint a Liaison Officer to communicate | | |
| | | with FSD Incident Commander on site in case of emergency. | | |
| | | Periodic drills should be coordinated and conducted to ensure all on site personnel are | | |
| | | familiar with the emergency procedures. Upon completion of the drills, a review on every | | |
| | | step taken should be conducted to identify area of improvement. Prior notice of periodic drills | | |
| | | should be given to Station Commander of Tung Chung Fire Station. Joint operational exercise | | |
| | | with FSD and SHWWTW is recommended. | | |
| C. V | Vater Quality | | | |
| 5.44 | 4.5 | Wastewater from Organic Waste Treatment Process | Work Site / During Design & | √ |
| | | The Project site will be equipped with an adequately sized wastewater treatment plant. A | Operation Period | |
| | | high rate type of active sludge system specifically designed for the removal of nitrogen | | |
| | | components from the wastewater in combination with conversion of residual BOD and COD | | |
| | | would be deployed. The wastewater treatment plant would also be incorporated with | | |
| | | SHARON or annamox technology or equivalent to achieve high total overall nitrogen | | |
| | | removal. Wastewater generated from the OWTF (including wastewater from dewatering | | |
| | | process, leachate from waste reception area, condensate from biogas handling, wastewater | | |
| | | from scrubber of air treatment system and any surplus water from truck washing facility) | | |
| | | will be diverted to the wastewater treatment plant. Treated effluent will then be stored | | |
| | | temporarily in order to be used as process water within the plants. The storage volume | | |
| | | would be around 20 m3. Overflow from the tank will be discharged to foul sewers. The | | |
| | | polluting parameters in effluent shall be in compliance with the requirements specified in | | |
| | | the TM- DSS. The design, installation and operation of the wastewater treatment plant shall | | |
| | | be licensed under the Waste Disposal Ordinance and subject to the effluent monitoring as | | |
| | | required under the WPCO which is under the ambit of regional office (RO) of EPD. To | | |
| | | ensure that wastewater can be adequately treated and effluent from treatment plant can | | |
| | | meet the standards listed in TM- DSS, the following mitigation measure should be | | |
| | | conducted. | | |
| | | Cleaning and maintenance of treatment facilities should be conducted on a regular | | |
| | | basis to ensure that removal rate of each treatment facility would not be reduced. | | |
| | | Cleaning and maintenance of pipelines should be carried out on a regular basis to | | |
| | | prevent block of pipeline and leaching of wastewater, and therefore prevent | | |
| | | overflowed or leached wastewater discharging into nearby drainages and water | | |
| | | streams. | | |
| | | Regular site inspection should be conducted to ensure that no wastewater can be | | |
| | | directly discharged into nearby water streams. | | |
| 5.55 | 4.5 | In the scrubber, spraying water should be re-circulated to minimize the need for external water. | Work Site / During Design & | $\sqrt{}$ |
| | | The spraying water would be collected at the bottom of the scrubber. Excess water would be | Operation Period | |
| 5.54 | 4.5 | discharged to the wastewater treatment plant as described in Section 5.54. | | |
| 5.56 | 4.5 | The waste reception, treatment facilities and compost storages of OWTF should be located in | Work Site / During Design & | V |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|----------|---------------|---|---|----------|
| | Log Ref. | enclosed buildings to prevent generation of contaminated rain runoff. All surface runoff such | Operation Period | |
| | | as washed water generated in the treatment processes areas should be properly collected and diverted to the on-site wastewater treatment plant as described in Section 5.54. | | |
| 5.57 | 4.5 | All drainage system for collection and transferring wastewater generated in the OWTF to the on-site wastewater treatment plant as described in Section 5.54 should be capable of preventing clogging and easy maintenance and cleaning. | Work Site / During Design & Operation Period | √ |
| D. V | Vaste Managem | nent and a second a | | • |
| 6.50 | 5.12 | Good operational practices should be adopted to Minimize waste management impacts: Obtain the necessary waste disposal permits from the appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation and the Land (Miscellaneous Provision) Ordinance (Cap. 28); Nomination of an approved person to be responsible for good site practice, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site; Use of a waste haulier licensed to collect specific category of waste; A trip-ticket system should be included as one of the contractual requirements and implemented by the Environmental Team to monitor the disposal of solid wastes at public filling facilities and landfills, and to control fly tipping. Reference should be made to ETWB TCW No. 31/2004. Training of site personnel in proper waste management and chemical waste handling procedures; Separation of chemical wastes for special handling and appropriate treatment at a licensed facility; Routine cleaning and maintenance programme for drainage systems, sumps and oil interceptors; Provision of sufficient waste disposal points and regular collection for disposal; Adoption of appropriate measures to minimize windblown litter and dust during transportation of waste, such as covering trucks or transporting wastes in enclosed containers; | During Operation Period | |
| | | and • Implementation of a recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites). | | |
| 6.51 | 5.13 | Waste Reduction Measures Good management and control can prevent the generation of significant amounts of waste. It is recommended that the following good operational practices should be adopted to ensure waste reduction: • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; | During Operation Period | <> |

| EIA Ref. | EM&A Log Ref. | Environmental Protection Measures | Location/ Timing | Status |
|-------------------|------------------|--|---|----------|
| | | Encourage collection of aluminum cans, plastic bottles and packaging material (e.g. carton boxes) and office paper by individual collectors. Separate labelled bins should be provided to help segregate this waste from other general refuse generated by the work force; and Any unused chemicals or those with remaining functional capacity should be reused as far as practicable. | | |
| 6.52 | 5.14 | Wastes Generated from Pre-Treatment Process Wastes generated from pre-treatment process should be recycled as far as possible. Wastes generated from pre- treatment process should also be separated from any chemical waste and stored in covered skips. The recyclables should be collected by licensed collectors, while the rest of the waste should be removed from the site on a daily basis to minimize odour, pest and litter impacts. Open burning must be strictly prohibited. | Pre-Treatment Process/ During Operation Period | <> |
| 6.53-6.56 | 5.15-5.18 | Chemical Wastes Chemical waste generated from machinery maintenance and servicing should be managed in accordance with Code of Practice on the Packaging, Labelling and storage of Chemical Wastes under the provisions of Waste Disposal (Chemical Waste) (General) Regulation. The chemical waste should be collected by drum-type containers and removed by licensed chemical waste contractors. Plant / equipment maintenance schedules should be planned in order to minimize the generation of chemical waste. Non-recyclable chemical wastes and lubricants should be disposed of at appropriate facilities, such as CWTC. Copies or counterfoils from collection receipts issued by the licensed waste collector should be kept for recording purpose. Recyclable chemical waste will be transported off-site for treatment by a licensed collector. The Contractor will need to register with EPD as a chemical waste producer. Where possible, chemical wastes (e.g. waste lubricants) would be recycled at appropriate facilities, such as Dunwell's oil re-refinery. | Whole Site / During Operation Period | V |
| 6.57-6.58 E. P | 5.19-5.20 | General Refuse • Waste generated in offices should be reduced through segregation and collection of recyclables. To promote the recycling of wastes such as used paper, aluminum cans and plastic bottles, it is recommended that recycling bins should be clearly labelled and placed at locations with easy access. For the collection of recyclable materials, they should be collected by licensed collectors. • General refuse, other than segregated recyclable wastes, should be separated from any chemical waste and stored in covered skips. The general refuse should be removed from the site on a daily basis to minimize odour, pest and litter impacts. Also, open burning of refuse must be strictly prohibited. Contamination Preventive Measures | Whole Site / During Operation Period | <> |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|----------|------------|---|--------------------------------|-----------|
| | Log Ref. | | | |
| 6.65 | 5.21 (i) | <u>Fuel Oil Containers</u> | Fuel Oil Storage Containers | $\sqrt{}$ |
| | | • Fuel oil should be stored in suitable containers. | /During Operation Period | |
| | | • All fuel oil containers should be securely closed. | | |
| | | • Appropriate labels showing the name of fuel oil should be posted on the containers. | | |
| | | •Drip trays should be provided for all containers. | | |
| 6.65 | 5.21 (ii) | Storage Area | Fuel Oil Storage Area / During | $\sqrt{}$ |
| | | • Distance between the fuel oil refuelling points and the fuel oil containers should be | Operation Period | |
| | | minimized. | | |
| | | • The storage area should be used for fuel oil storage only. | | |
| | | No surface water drains or foul sewers should be connected to the storage area. | | |
| | | • The storage area should be enclosed by three sides by a wall and have an impermeable floor | | |
| | | or surface. | | |
| 6.65 | 5.21 (iii) | Fuel Oil Spillage Response | Whole Site / During Operation | V |
| | | An Oil Spill Response Plan should be prepared by the operator to document the appropriate | Phase | |
| | | response procedures for oil spillage incident in detail. General procedures to be taken in case of | | |
| | | fuel oil spillage are presented below. | | |
| | | Training | | |
| | | Training on oil spill response actions should be given to relevant staff. The training | | |
| | | should cover the followings: | | |
| | | - Tools & resources to combat oil spillage and fire, e.g. locations of oil spill | | |
| | | handling equipment and firefighting equipment; | | |
| | | - General methods to deal with oil spillage and fire incidents; | | |
| | | - Procedures for emergency drills in the event of oil spills and fire; and | | |
| | | - Regular drills should be carried out. | | |
| | | Communication | | |
| | | Establish communication channel with the Fire Services Department (FSD) and EPD to | | |
| | | report any oil spillage incident so that necessary assistance from relevant department | | |
| | | could be quickly sought. | | |
| | | Response Procedure | | |
| | | Any fuel oil spillage within the Project Site should be immediately reported to the Site | | |
| | | Manager with necessary details including location, source, possible cause and extent of | | |
| | | the spillage | | |
| | | Site Manager should immediately attend to the spillage and initiate any appropriate | | |
| | | action to confine and clean up the spillage. The response procedures should include | | |
| | | the following: | | |
| | | - Identify and isolate the source of spillage as soon as possible. | | |
| | | - Contain the oil spillage and avoid infiltration into soil / groundwater and | | |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|----------|-----------|--|-------------------------------|--------|
| | Log Ref. | | | |
| | | discharge to storm water channels. | | |
| | | - Remove the oil spillage. | | |
| | | - Clean up the contaminated area. | | |
| | | - If the oil spillage occurs during refuelling, the refuelling operation should | | |
| | | immediately be stopped. | | |
| | | - Recovered contaminated fuel oil and the associated material to remove the | | |
| | | spilled oil should be considered as chemical waste. The handling and | | |
| | | disposal procedures for chemical wastes are discussed in the following | | |
| | | paragraphs. | | |
| 6.66 | 5.22 (i) | Chemicals and Chemical Wastes Handling & Storage | Whole Site / During Operation | <> |
| | | Chemicals and chemical wastes should only be stored in suitable containers in purpose-built areas. | Period | |
| | | The storage of chemical wastes should comply with the requirements of the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. | | |
| | | The storage areas for chemicals and chemical wastes should have an impermeable | | |
| | | floor or surface. The impermeable floor I surface should possess the following | | |
| | | properties: | | |
| | | Not liable to chemically react with the materials and their containers to be stored. | | |
| | | Able to withstand normal loading and physical damage caused by container handling | | |
| | | - The integrity and condition of the impermeable floor or surface should be | | |
| | | inspected at regular intervals to ensure that it is satisfactorily maintained | | |
| | | For liquid chemicals and chemical wastes storage, the storage area should be bonded | | |
| | | to contain at least 110% of the storage capacity of the largest containers or 20% of the | | |
| | | total quantity of the chemicals/chemical wastes stored, whichever is the greater. | | |
| | | Storage container should be checked at regular intervals for their structural integrity | | |
| | | and to ensure that the caps or fill points are tightly closed. | | |
| | | Chemical handling should be conducted by trained workers under supervision. | | |
| 6.66 | 5.22 (ii) | Chemicals and Chemical Wastes Spillage Response | Whole Site / During Operation | √ |
| | | A Chemicals and / or Chemical Wastes Spillage Response Plan should be prepared by the | Period | |
| | | operator to document in detail the appropriate response procedures for chemicals or chemical | | |
| | | wastes spillage incidents. General procedures to be undertaken in case of chemicals I chemical | | |
| | | waste spillages are presented below | | |
| | | Training | | |
| | | Training on spill response actions should be given to relevant staff. The training | | |
| | | should cover the followings: | | |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|-------------|-----------|--|--------------------------------------|--------|
| | Log Ref. | | | |
| | | Tools & resources to handle spillage, e.g. locations of spill handling equipment; General methods to deal with spillage; and Procedures for emergency drills in the event of spills. Communication Establish communication channel with Fire Services Department (FSD) and EPD to report the spillage incident so that necessary assistance from relevant department could be quickly sought. Response Procedures Any spillage within OWTF site should be reported to the Site Manager. Site Manager shall attend to the spillage and initiate any appropriate actions needed to confine and clean up the spillage. The response procedures should include the followings: Identify and isolate the source of spillage as soon as possible; Contain the spillage and avoid infiltration into soil / groundwater and discharge to storm water channels (in case the spillage occurs at locations out of the designated storage areas); Remove the spillage; the removal method / procedures documented in the Material Safety Data Sheet (MSDS) of the chemicals spilled should be observed; Clean up the contaminated area (in case the spillage occurs at locations out of the designated storage areas); and The waste arising from the cleanup operation should be considered as chemical wastes. | | |
| 6.67 - 6.69 | 5.23-5.25 | After any spillage, an incident report should be prepared by the Site Manager. The incident report should contain details of the incident including the cause of the incident, the material spilled and estimated spillage amount, and also the response actions undertaken. The incident record should be kept carefully and able to be retrieved when necessary. The incident report should provide sufficient details for the evaluation of any environmental impacts due to the spillage and assessment of the effectiveness of measures taken. In case any spillage or accidents results in significant land contamination, EPD should be informed immediately and the Project operator should be responsible for the cleanup of the affected area. The responses procedures described in Sections 6.65 - 6.66 of the EIA Report should be followed accordingly together with the land contamination assessment and remediation guidelines stipulated in the Guidance | Whole Site / During Operation Period | V |

| EIA Ref. | EM&A | Environmental Protection Measures | Location/ Timing | Status |
|-----------|---------------|--|------------------------------|--------------|
| | Log Ref. | | | |
| | | Manual for Use of Risk-based Remediation Goals for Contaminated Land Management and the | | |
| | | Guidance Note for Contaminated Land Assessment and Remediation. | | |
| F. La | ndscape and V | isual | | |
| 7.98 & | Table 6.2 | Operation Phase | Within Project Area / During | \checkmark |
| Table 7.8 | | Aesthetic design of the facade, including its colour theme, pattern, texture, materials, | Design & Operation Stages | |
| | | finishing and associated structures to harmonize with the surrounding settings | | |
| | | Grass / groundcover planting to soften the roof | | |
| | | Heavy standard tree planting to screen proposed associated structures | | |
| | | Grasscrete paving to soften the harshness of large paved surface areas wherever | | |
| | | possible | | |

Remark:

- $\sqrt{}$ 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 G

Hourly Average of Parameters Recorded for CAPCS, CHP and ASP

Annex G1

Hourly Average of Parameters Measured in CAPCS

| Date | Hour | VOC (including methane) (mg/Nm³) | Dust (mg/Nm³) | Odour (OU/Nm³) (including NH₃ & H₂S) | Remarks |
|------------|-------|----------------------------------|---------------|---|---|
| 01-03-2019 | 12 AM | NA | 0.0 | 120 | *empty cells denote non-operating hours |
| 01-03-2019 | 1 AM | NA | 0.0 | 103 | |
| 01-03-2019 | 2 AM | NA | 0.0 | 98 | |
| 01-03-2019 | 3 AM | NA | 0.0 | 107 | |
| 01-03-2019 | 4 AM | NA | 0.0 | 102 | |
| 01-03-2019 | 5 AM | NA | 0.0 | 87 | |
| 01-03-2019 | 6 AM | NA | 2.6 | 85 | Dust: Self calibration/ Auto purge data |
| 01-03-2019 | 7 AM | NA | 0.0 | 93 | , 1 0 |
| 01-03-2019 | 8 AM | NA | 0.0 | 142 | |
| 01-03-2019 | 9 AM | NA | 0.0 | 81 | |
| 01-03-2019 | 10 AM | NA | 0.0 | 76 | |
| 01-03-2019 | 11 AM | NA | 0.0 | 86 | |
| 01-03-2019 | 12 PM | NA | 0.0 | 96 | |
| 01-03-2019 | 1 PM | NA | 0.0 | 88 | |
| 01-03-2019 | 2 PM | NA | 2.9 | 70 | Dust: Self calibration/ Auto purge data |
| 01-03-2019 | 3 PM | NA | 0.0 | 54 | |
| 01-03-2019 | 4 PM | NA | 0.0 | 42 | |
| 01-03-2019 | 5 PM | NA | 0.0 | 37 | |
| 01-03-2019 | 6 PM | NA | 0.0 | 48 | |
| 01-03-2019 | 7 PM | NA | 0.0 | 68 | |
| 01-03-2019 | 8 PM | NA | 0.0 | 78 | |
| 01-03-2019 | 9 PM | NA | 0.0 | 77 | |
| 01-03-2019 | 10 PM | NA | 2.8 | 70 | Dust: Self calibration/ Auto purge data |
| 01-03-2019 | 11 PM | NA | 0.0 | 77 | |
| 02-03-2019 | 12 AM | NA | 0.0 | 76 | |
| 02-03-2019 | 1 AM | NA | 0.0 | 76 | |
| 02-03-2019 | 2 AM | NA | 0.0 | 76 | |
| 02-03-2019 | 3 AM | NA | 0.0 | 75 | |
| 02-03-2019 | 4 AM | NA | 0.0 | 74 | |
| 02-03-2019 | 5 AM | NA | 0.0 | 132 | |

| | | | | | Dust: Self calibration/ Auto purge data |
|------------|-------|----|-----|-----|--|
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 02-03-2019 | 6 AM | NA | 2.9 | 269 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 02-03-2019 | 7 AM | NA | 0.0 | 230 | under maintenance |
| 02-03-2019 | 8 AM | NA | 0.0 | 206 | |
| 02-03-2019 | 9 AM | NA | 0.0 | 179 | |
| 02-03-2019 | 10 AM | NA | 0.0 | 146 | |
| 02-03-2019 | 11 AM | NA | 0.0 | 142 | |
| 02-03-2019 | 12 PM | NA | 0.0 | 142 | |
| 02-03-2019 | 1 PM | NA | 0.0 | 140 | |
| 02-03-2019 | 2 PM | NA | 5.8 | 121 | Dust: Self calibration/ Auto purge data |
| 02-03-2019 | 3 PM | NA | 0.0 | 95 | |
| 02-03-2019 | 4 PM | NA | 0.0 | 83 | |
| 02-03-2019 | 5 PM | NA | 0.0 | 73 | |
| 02-03-2019 | 6 PM | NA | 0.0 | 71 | |
| 02-03-2019 | 7 PM | NA | 0.0 | 71 | |
| 02-03-2019 | 8 PM | NA | 0.0 | 74 | |
| 02-03-2019 | 9 PM | NA | 0.0 | 77 | |
| 02-03-2019 | 10 PM | NA | 2.8 | 82 | Dust: Self calibration/ Auto purge data |
| 02-03-2019 | 11 PM | NA | 0.0 | 93 | |
| 03-03-2019 | 12 AM | NA | 0.0 | 95 | |
| 03-03-2019 | 1 AM | NA | 0.0 | 87 | |
| 03-03-2019 | 2 AM | NA | 0.0 | 86 | |
| 03-03-2019 | 3 AM | NA | 0.0 | 100 | |
| 03-03-2019 | 4 AM | NA | 0.0 | 94 | |
| 03-03-2019 | 5 AM | NA | 0.0 | 93 | |
| 03-03-2019 | 6 AM | NA | 5.8 | 90 | Dust: Self calibration/ Auto purge data |
| 03-03-2019 | 7 AM | NA | 0.0 | 82 | |
| 03-03-2019 | 8 AM | NA | 0.0 | 73 | |
| 03-03-2019 | 9 AM | NA | 0.0 | 78 | |
| 03-03-2019 | 10 AM | NA | 0.0 | 76 | |

| 03-03-2019 | 11 AM | NA | 0.0 | 67 | |
|------------|-------|----|-----|----|---|
| 03-03-2019 | 12 PM | NA | 0.0 | 71 | |
| 03-03-2019 | 1 PM | NA | 0.0 | 79 | |
| 03-03-2019 | 2 PM | NA | 2.6 | 70 | Dust: Self calibration/ Auto purge data |
| 03-03-2019 | 3 PM | NA | 0.0 | 72 | |
| 03-03-2019 | 4 PM | NA | 0.0 | 75 | |
| 03-03-2019 | 5 PM | NA | 0.0 | 70 | |
| 03-03-2019 | 6 PM | NA | 0.0 | 67 | |
| 03-03-2019 | 7 PM | NA | 0.0 | 63 | |
| 03-03-2019 | 8 PM | NA | 0.0 | 66 | |
| 03-03-2019 | 9 PM | NA | 0.0 | 63 | |
| 03-03-2019 | 10 PM | NA | 5.8 | 60 | Dust: Self calibration/ Auto purge data |
| 03-03-2019 | 11 PM | NA | 0.0 | 64 | |
| 04-03-2019 | 12 AM | NA | 0.0 | 62 | |
| 04-03-2019 | 1 AM | NA | 0.0 | 71 | |
| 04-03-2019 | 2 AM | NA | 0.0 | 72 | |
| 04-03-2019 | 3 AM | NA | 0.0 | 67 | |
| 04-03-2019 | 4 AM | NA | 0.0 | 75 | |
| 04-03-2019 | 5 AM | NA | 0.0 | 77 | |
| 04-03-2019 | 6 AM | NA | 2.6 | 74 | Dust: Self calibration/ Auto purge data |
| 04-03-2019 | 7 AM | NA | 0.0 | 82 | |
| 04-03-2019 | 8 AM | NA | 0.0 | 82 | |
| 04-03-2019 | 9 AM | NA | 0.0 | 79 | |
| 04-03-2019 | 10 AM | NA | 0.0 | 83 | |
| 04-03-2019 | 11 AM | NA | 0.0 | 78 | |
| 04-03-2019 | 12 PM | NA | 0.0 | 74 | |
| 04-03-2019 | 1 PM | NA | 0.0 | 80 | |
| 04-03-2019 | 2 PM | NA | 2.9 | 81 | Dust: Self calibration/ Auto purge data |
| 04-03-2019 | 3 PM | NA | 0.0 | 73 | |
| 04-03-2019 | 4 PM | NA | 0.0 | 72 | |
| 04-03-2019 | 5 PM | NA | 0.0 | 77 | |
| 04-03-2019 | 6 PM | NA | 0.0 | 78 | |

| 04-03-2019 | 7 PM | NA | 0.0 | 76 | |
|------------|-------|----|-----|----|---|
| 04-03-2019 | 8 PM | NA | 0.0 | 78 | |
| 04-03-2019 | 9 PM | NA | 0.0 | 75 | |
| 04-03-2019 | 10 PM | NA | 2.6 | 76 | Dust: Self calibration/ Auto purge data |
| 04-03-2019 | 11 PM | NA | 0.0 | 73 | |
| 05-03-2019 | 12 AM | NA | 0.0 | 68 | |
| 05-03-2019 | 1 AM | NA | 0.0 | 68 | |
| 05-03-2019 | 2 AM | NA | 0.0 | 67 | |
| 05-03-2019 | 3 AM | NA | 0.0 | 58 | |
| 05-03-2019 | 4 AM | NA | 0.0 | 48 | |
| 05-03-2019 | 5 AM | NA | 0.0 | 50 | |
| 05-03-2019 | 6 AM | NA | 2.9 | 59 | Dust: Self calibration/ Auto purge data |
| 05-03-2019 | 7 AM | NA | 0.0 | 57 | |
| 05-03-2019 | 8 AM | NA | 0.0 | 47 | |
| 05-03-2019 | 9 AM | NA | 0.0 | 60 | |
| 05-03-2019 | 10 AM | NA | 0.0 | 75 | |
| 05-03-2019 | 11 AM | NA | 0.0 | 58 | |
| 05-03-2019 | 12 PM | NA | 0.0 | 45 | |
| 05-03-2019 | 1 PM | NA | 0.0 | 37 | |
| 05-03-2019 | 2 PM | NA | 2.6 | 7 | Dust: Self calibration/ Auto purge data |
| 05-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 05-03-2019 | 10 PM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 05-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 2 AM | NA | 0.0 | 0 | |

| 06-03-2019 | 3 AM | NA | 0.0 | 0 | |
|------------|-------|----|-----|---|---|
| 06-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 6 AM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 06-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 06-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 2 PM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 06-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 06-03-2019 | 10 PM | NA | 5.2 | 0 | Dust: Self calibration/ Auto purge data |
| 06-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 07-03-2019 | 12 AM | NA | 0.0 | 1 | |
| 07-03-2019 | 1 AM | NA | 0.0 | 1 | |
| 07-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 07-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 07-03-2019 | 10 AM | NA | 0.0 | 0 | |

| 07-03-2019 | 11 AM | NA | 0.0 | 0 | |
|------------|-------|----|-----|-----|--|
| 07-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 07-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 07-03-2019 | 2 PM | NA | 5.2 | 0 | Dust: Self calibration/ Auto purge data |
| 07-03-2019 | 3 PM | NA | 0.0 | 0 | , , , |
| 07-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 07-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 07-03-2019 | 6 PM | NA | 0.0 | 55 | |
| 07-03-2019 | 7 PM | NA | 0.0 | 125 | |
| 07-03-2019 | 8 PM | NA | 0.0 | 114 | |
| 07-03-2019 | 9 PM | NA | 0.0 | 97 | |
| 07-03-2019 | 10 PM | NA | 2.9 | 78 | Dust: Self calibration/ Auto purge data |
| 07-03-2019 | 11 PM | NA | 0.0 | 63 | |
| 08-03-2019 | 12 AM | NA | 0.0 | 45 | |
| 08-03-2019 | 1 AM | NA | 0.0 | 29 | |
| 08-03-2019 | 2 AM | NA | 0.0 | 25 | |
| 08-03-2019 | 3 AM | NA | 0.0 | 19 | |
| 08-03-2019 | 4 AM | NA | 0.0 | 13 | |
| 08-03-2019 | 5 AM | NA | 0.0 | 12 | |
| 08-03-2019 | 6 AM | NA | 2.6 | 10 | Dust: Self calibration/ Auto purge data |
| 08-03-2019 | 7 AM | NA | 0.0 | 4 | |
| 08-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 08-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 08-03-2019 | 10 AM | NA | 0.0 | 0 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 08-03-2019 | 11 AM | NA | 0.0 | 361 | under maintenance |
| 08-03-2019 | 12 PM | NA | 0.0 | 87 | |
| 08-03-2019 | 1 PM | NA | 0.0 | 71 | |
| 08-03-2019 | 2 PM | NA | 2.9 | 57 | Dust: Self calibration/ Auto purge data |
| 08-03-2019 | 3 PM | NA | 0.0 | 51 | |
| 08-03-2019 | 4 PM | NA | 0.0 | 51 | |
| 08-03-2019 | 5 PM | NA | 0.0 | 46 | |

| 08-03-2019 | 6 PM | NA | 0.0 | 42 | |
|------------|-------|----|-----|-----|--|
| 08-03-2019 | 7 PM | NA | 0.0 | 46 | |
| 08-03-2019 | 8 PM | NA | 0.0 | 41 | |
| 08-03-2019 | 9 PM | NA | 0.0 | 44 | |
| 08-03-2019 | 10 PM | NA | 2.9 | 44 | Dust: Self calibration/ Auto purge data |
| 08-03-2019 | 11 PM | NA | 0.0 | 44 | |
| 09-03-2019 | 12 AM | NA | 0.0 | 42 | |
| 09-03-2019 | 1 AM | NA | 0.0 | 44 | |
| 09-03-2019 | 2 AM | NA | 0.0 | 44 | |
| 09-03-2019 | 3 AM | NA | 0.0 | 46 | |
| 09-03-2019 | 4 AM | NA | 0.0 | 42 | |
| 09-03-2019 | 5 AM | NA | 0.0 | 46 | |
| 09-03-2019 | 6 AM | NA | 2.9 | 44 | Dust: Self calibration/ Auto purge data |
| 09-03-2019 | 7 AM | NA | 0.0 | 56 | |
| 09-03-2019 | 8 AM | NA | 0.0 | 68 | |
| 09-03-2019 | 9 AM | NA | 0.0 | 56 | |
| 09-03-2019 | 10 AM | NA | 0.0 | 52 | |
| 09-03-2019 | 11 AM | NA | 0.0 | 48 | |
| 09-03-2019 | 12 PM | NA | 0.0 | 71 | |
| 09-03-2019 | 1 PM | NA | 0.0 | 75 | |
| 09-03-2019 | 2 PM | NA | 2.9 | 81 | Dust: Self calibration/ Auto purge data |
| 09-03-2019 | 3 PM | NA | 0.0 | 83 | |
| 09-03-2019 | 4 PM | NA | 0.0 | 86 | |
| 09-03-2019 | 5 PM | NA | 0.0 | 92 | |
| 09-03-2019 | 6 PM | NA | 0.0 | 120 | |
| 09-03-2019 | 7 PM | NA | 0.0 | 121 | |
| 09-03-2019 | 8 PM | NA | 0.0 | 105 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 09-03-2019 | 9 PM | NA | 0.0 | 230 | under maintenance |
| 09-03-2019 | 10 PM | NA | 2.6 | 209 | Dust: Self calibration/ Auto purge data |
| 09-03-2019 | 11 PM | NA | 0.0 | 185 | |

| 10-03-2019 | 7 AM | NA | 0.0 | 274 | under maintenance |
|------------|--------|------|-----|-----|--|
| 10-03-2019 | 6 AM | NA | 2.9 | 294 | under maintenance Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 7 AM | NA | 0.0 | 274 | |
| 10-03-2019 | / Alvi | IVA | 0.0 | 2/4 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 8 AM | NA | 0.0 | 236 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 9 AM | NA | 0.0 | 277 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 10 AM | NA | 0.0 | 271 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 11 AM | NA | 0.0 | 263 | under maintenance |
| 10-03-2013 | II AW | IVA | 0.0 | 203 | |
| 40.00.0040 | 42.554 | A1.A | 0.0 | 402 | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 12 PM | NA | 0.0 | 402 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 10-03-2019 | 1 PM | NA | 0.0 | 379 | under maintenance |
| 10-03-2019 | 2 PM | NA | 5.2 | 155 | Dust: Self calibration/ Auto purge data |
| 10-03-2019 | 3 PM | NA | 0.0 | 135 | |
| 10-03-2019 | 4 PM | NA | 0.0 | 132 | |
| 10-03-2019 | 5 PM | NA | 0.0 | 108 | |
| 10-03-2019 | 6 PM | | | | |
| | + | NA | 0.0 | 111 | |
| 10-03-2019 | 7 PM | NA | 0.0 | 112 | |

| 10-03-2019 | 8 PM | NA | 0.0 | 117 | |
|------------|-------|----|-----|-----|--|
| 10-03-2019 | 9 PM | NA | 0.0 | 141 | |
| 10-03-2019 | 10 PM | NA | 2.9 | 98 | Dust: Self calibration/ Auto purge data |
| 10-03-2019 | 11 PM | NA | 0.0 | 86 | |
| 11-03-2019 | 12 AM | NA | 0.0 | 80 | |
| 11-03-2019 | 1 AM | NA | 0.0 | 79 | |
| 11-03-2019 | 2 AM | NA | 0.0 | 86 | |
| 11-03-2019 | 3 AM | NA | 0.0 | 75 | |
| 11-03-2019 | 4 AM | NA | 0.0 | 80 | |
| 11-03-2019 | 5 AM | NA | 0.0 | 88 | |
| 11-03-2019 | 6 AM | NA | 5.2 | 102 | Dust: Self calibration/ Auto purge data |
| 11-03-2019 | 7 AM | NA | 0.0 | 108 | |
| 11-03-2019 | 8 AM | NA | 0.0 | 108 | |
| 11-03-2019 | 9 AM | NA | 0.0 | 108 | |
| 11-03-2019 | 10 AM | NA | 0.0 | 104 | |
| 11-03-2019 | 11 AM | NA | 0.0 | 86 | |
| 11-03-2019 | 12 PM | NA | 0.0 | 86 | |
| 11-03-2019 | 1 PM | NA | 0.0 | 64 | |
| 11-03-2019 | 2 PM | NA | 2.9 | 76 | Dust: Self calibration/ Auto purge data |
| 11-03-2019 | 3 PM | NA | 0.0 | 97 | |
| 11-03-2019 | 4 PM | NA | 0.0 | 120 | |
| 11-03-2019 | 5 PM | NA | 0.0 | 157 | |
| 11-03-2019 | 6 PM | NA | 0.0 | 207 | |
| 11-03-2019 | 7 PM | NA | 0.0 | 376 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 11-03-2019 | 8 PM | NA | 0.0 | 411 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 11-03-2019 | 9 PM | NA | 0.0 | 443 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 11-03-2019 | 10 PM | NA | 2.6 | 370 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|-----|--|
| 11-03-2019 | 11 PM | NA | 0.0 | 430 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 12 AM | NA | 0.0 | 534 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 1 AM | NA | 0.0 | 495 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 2 AM | NA | 0.0 | 543 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 3 AM | NA | 0.0 | 600 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 4 AM | NA | 0.0 | 497 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 5 AM | NA | 0.0 | 476 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 6 AM | NA | 2.9 | 530 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 7 AM | NA | 0.0 | 492 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 8 AM | NA | 0.0 | 598 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 9 AM | NA | 0.0 | 316 | under maintenance |
| 12-03-2019 | 10 AM | NA | 0.0 | 167 | |
| 12-03-2019 | 11 AM | NA | 0.0 | 102 | |
| 12-03-2019 | 12 PM | NA | 0.0 | 26 | |
| 12-03-2019 | 1 PM | NA | 0.0 | 78 | |
| 12-03-2019 | 2 PM | NA | 2.6 | 120 | Dust: Self calibration/ Auto purge data |
| 12-03-2019 | 3 PM | NA | 0.0 | 152 | |
| 12-03-2019 | 4 PM | NA | 0.0 | 141 | |
| 12-03-2019 | 5 PM | NA | 0.0 | 157 | |
| 12-03-2019 | 6 PM | NA | 0.0 | 152 | |

| 12-03-2019 | 7 PM | NA | 0.0 | 288 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
|------------|---------|------|-----|--------------|--|
| 12-03-2019 | 7 F IVI | IVA | 0.0 | 200 | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 8 PM | NA | 0.0 | 309 | under maintenance |
| 12 03 2013 | 01101 | 1471 | 0.0 | 303 | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 9 PM | NA | 0.0 | 390 | under maintenance |
| 12 03 2013 | 31101 | 1471 | 0.0 | 330 | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 10 PM | NA | 2.9 | 416 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 12-03-2019 | 11 PM | NA | 0.0 | 743 | under maintenance |
| | | | | - | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 12 AM | NA | 0.0 | 504 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 1 AM | NA | 0.0 | 285 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 2 AM | NA | 0.0 | 261 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 3 AM | NA | 0.0 | 242 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 4 AM | NA | 0.0 | 712 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 5 AM | NA | 0.0 | 1665 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 6 AM | NA | 2.6 | 1904 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 7 AM | NA | 0.0 | 1778 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 8 AM | NA | 0.0 | 1953 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 13-03-2019 | 9 AM | NA | 0.0 | 2447 | under maintenance |

| 13-03-2019 | 10 AM | NA | 0.0 | 2004 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
|------------|-------|----|-----|------|--|
| 13-03-2019 | 11 AM | NA | 0.0 | 2311 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 12 PM | NA | 0.0 | 2539 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 1 PM | NA | 0.0 | 2578 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 2 PM | NA | 2.9 | 2107 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 3 PM | NA | 0.0 | 2156 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 4 PM | NA | 0.0 | 1201 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 5 PM | NA | 0.0 | 450 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 6 PM | NA | 0.0 | 459 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 7 PM | NA | 0.0 | 577 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 8 PM | NA | 0.0 | 842 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 9 PM | NA | 0.0 | 833 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 10 PM | NA | 2.6 | 783 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 13-03-2019 | 11 PM | NA | 0.0 | 460 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 12 AM | NA | 0.0 | 328 | Odour: Manual Dosing of chemical / Dosing System under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|-----|--|
| 14-03-2019 | 1 AM | NA | 0.0 | 369 | under maintenance |
| 14-03-2019 | 2 AM | NA | 0.0 | 309 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 3 AM | NA | 0.0 | 334 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 4 AM | NA | 0.0 | 292 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 5 AM | NA | 0.0 | 282 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 6 AM | NA | 2.9 | 369 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 7 AM | NA | 0.0 | 374 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 8 AM | NA | 0.0 | 406 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 9 AM | NA | 0.0 | 538 | under maintenance |
| 14-03-2019 | 10 AM | NA | 0.0 | 454 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 11 AM | NA | 0.0 | 349 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 12 PM | NA | 0.0 | 349 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 1 PM | NA | 0.0 | 465 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| | | | 0.0 | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 2 PM | NA | 2.6 | 736 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 3 PM | NA | 0.0 | 721 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|---------|-------|-----|------|--|
| 14-03-2019 | 4 PM | NA | 0.0 | 604 | under maintenance |
| 14-03-2019 | 5 PM | NA | 0.0 | 489 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 4-03-2019 | 6 PM | NA | 0.0 | 458 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 7 PM | NA | 0.0 | 412 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 8 PM | NA | 0.0 | 423 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 9 PM | NA | 0.0 | 352 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 10 PM | NA | 5.8 | 296 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 14-03-2019 | 10 PIVI | NA NA | 5.8 | 290 | Odour: Manual Dosing of chemical / Dosing System |
| 14-03-2019 | 11 PM | NA | 0.0 | 231 | under maintenance |
| 15-03-2019 | 12 AM | NA | 0.0 | 247 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 1 AM | NA | 0.0 | 236 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 2 AM | NA | 0.0 | 263 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 3 AM | NA | 0.0 | 290 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 4 AM | NA | 0.0 | 748 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 5 AM | NA | 0.0 | 1816 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System |
| 15-03-2019 | 6 AM | NA | 2.6 | 2106 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 15-03-2019 | 7 AM | NA | 0.0 | 1732 | under maintenance |
| 15-03-2019 | 8 AM | NA | 0.0 | 1395 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 9 AM | NA | 0.0 | 1802 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 10 AM | NA | 0.0 | 1422 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 11 AM | NA | 0.0 | 1390 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 12 PM | NA | 0.0 | 1203 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 1 PM | NA | 0.0 | 668 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 2 PM | NA | 5.8 | 257 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 15-03-2019 | 3 PM | NA | 0.0 | 236 | under maintenance |
| 15-03-2019 | 4 PM | NA | 0.0 | 270 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 5 PM | NA | 0.0 | 250 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 6 PM | NA | 0.0 | 194 | |
| 15-03-2019 | 7 PM | NA | 0.0 | 204 | |
| 15-03-2019 | 8 PM | NA | 0.0 | 281 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 9 PM | NA | 0.0 | 985 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 15-03-2019 | 10 PM | NA | 2.8 | 655 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|-----|--|
| 15-03-2019 | 11 PM | NA | 0.0 | 488 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 12 AM | NA | 0.0 | 360 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 1 AM | NA | 0.0 | 416 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 2 AM | NA | 0.0 | 447 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 3 AM | NA | 0.0 | 500 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 4 AM | NA | 0.0 | 485 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 5 AM | NA | 0.0 | 317 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 6 AM | NA | 2.9 | 272 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 7 AM | NA | 0.0 | 302 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 8 AM | NA | 0.0 | 303 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 9 AM | NA | 0.0 | 223 | under maintenance |
| 16-03-2019 | 10 AM | NA | 0.0 | 215 | |
| 16-03-2019 | 11 AM | NA | 0.0 | 72 | |
| 16-03-2019 | 12 PM | NA | 0.0 | 181 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 1 PM | NA | 0.0 | 332 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 16-03-2019 | 2 PM | NA | 2.9 | 251 | under maintenance |

| 16-03-2019 | 3 PM | NA | 0.0 | 258 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
|------------|-------|----|-----|------|--|
| 16-03-2019 | 4 PM | NA | 0.0 | 434 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 5 PM | NA | 0.0 | 355 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 6 PM | NA | 0.0 | 319 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 7 PM | NA | 0.0 | 329 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 8 PM | NA | 0.0 | 751 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 9 PM | NA | 0.0 | 708 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 10 PM | NA | 2.6 | 699 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 16-03-2019 | 11 PM | NA | 0.0 | 1276 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 12 AM | NA | 0.0 | 1593 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 1 AM | NA | 0.0 | 768 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 2 AM | NA | 0.0 | 910 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 3 AM | NA | 0.0 | 2417 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 4 AM | NA | 0.0 | 2325 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 5 AM | NA | 0.0 | 2828 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 6 AM | NA | 2.9 | 2247 | Dust: Self calibration/ Auto purge data |

| | | | | | Odour: Manual Dosing of chemical / Dosing System under maintenance |
|------------|-------|----|-----|------|--|
| 17-03-2019 | 7 AM | NA | 0.0 | 2043 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 8 AM | NA | 0.0 | 1720 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 9 AM | NA | 0.0 | 2118 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 10 AM | NA | 0.0 | 1780 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 11 AM | NA | 0.0 | 1299 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 12 PM | NA | 0.0 | 453 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 1 PM | NA | 0.0 | 521 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 2 PM | NA | 2.6 | 793 | Dust: Self calibration/ Auto purge data Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 3 PM | NA | 0.0 | 1052 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 4 PM | NA | 0.0 | 798 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 5 PM | NA | 0.0 | 2655 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 6 PM | NA | 0.0 | 2894 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 7 PM | NA | 0.0 | 2850 | Odour: Manual Dosing of chemical / Dosing System under maintenance |
| 17-03-2019 | 8 PM | NA | 0.0 | 3182 | Odour: Manual Dosing of chemical / Dosing System under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 17-03-2019 | 9 PM | NA | 0.0 | 2475 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 17-03-2019 | 10 PM | NA | 2.9 | 2678 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 17-03-2019 | 11 PM | NA | 0.0 | 2750 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 12 AM | NA | 0.0 | 3229 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 1 AM | NA | 0.0 | 2552 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 2 AM | NA | 0.0 | 1526 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 3 AM | NA | 0.0 | 746 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 4 AM | NA | 0.0 | 499 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 5 AM | NA | 0.0 | 552 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 6 AM | NA | 2.6 | 454 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 7 AM | NA | 0.0 | 278 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 8 AM | NA | 0.0 | 318 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 9 AM | NA | 0.0 | 320 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 10 AM | NA | 0.0 | 232 | under maintenance |
| 18-03-2019 | 11 AM | NA | 0.0 | 195 | |
| 18-03-2019 | 12 PM | NA | 0.0 | 175 | |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 18-03-2019 | 1 PM | NA | 0.0 | 436 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 2 PM | NA | 5.8 | 1237 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 3 PM | NA | 0.0 | 700 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 4 PM | NA | 0.0 | 471 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 5 PM | NA | 0.0 | 363 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 6 PM | NA | 0.0 | 432 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 7 PM | NA | 0.0 | 357 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 8 PM | NA | 0.0 | 357 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 9 PM | NA | 0.0 | 365 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 10 PM | NA | 2.6 | 783 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 18-03-2019 | 11 PM | NA | 0.0 | 2335 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 12 AM | NA | 0.0 | 1661 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 1 AM | NA | 0.0 | 257 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 2 AM | NA | 0.0 | 1442 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 3 AM | NA | 0.0 | 2021 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 19-03-2019 | 4 AM | NA | 0.0 | 1890 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 5 AM | NA | 0.0 | 2154 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 6 AM | NA | 5.8 | 1685 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 7 AM | NA | 0.0 | 1901 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 8 AM | NA | 0.0 | 1646 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 9 AM | NA | 0.0 | 969 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 10 AM | NA | 0.0 | 1103 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 11 AM | NA | 0.0 | 353 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 12 PM | NA | 0.0 | 306 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 1 PM | NA | 0.0 | 323 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 2 PM | NA | 2.6 | 653 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 3 PM | NA | 0.0 | 518 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 4 PM | NA | 0.0 | 437 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 5 PM | NA | 0.0 | 404 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 6 PM | NA | 0.0 | 441 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 19-03-2019 | 7 PM | NA | 0.0 | 351 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 8 PM | NA | 0.0 | 391 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 9 PM | NA | 0.0 | 271 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 10 PM | NA | 5.8 | 280 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 19-03-2019 | 11 PM | NA | 0.0 | 1048 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 12 AM | NA | 0.0 | 693 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 1 AM | NA | 0.0 | 274 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 2 AM | NA | 0.0 | 220 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 3 AM | NA | 0.0 | 697 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 4 AM | NA | 0.0 | 1108 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 5 AM | NA | 0.0 | 349 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 6 AM | NA | 2.6 | 1550 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 7 AM | NA | 0.0 | 1804 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 8 AM | NA | 0.0 | 1662 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 9 AM | NA | 0.0 | 1629 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 20-03-2019 | 10 AM | NA | 0.0 | 2039 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 11 AM | NA | 0.0 | 2005 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 12 PM | NA | 0.0 | 585 | under maintenance |
| 20-03-2019 | 1 PM | NA | 0.0 | 16 | |
| 20-03-2019 | 2 PM | NA | 5.8 | 174 | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 3 PM | NA | 0.0 | 280 | under maintenance |
| 20-03-2019 | 4 PM | NA | 0.0 | 151 | |
| 20-03-2019 | 5 PM | NA | 0.0 | 123 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 6 PM | NA | 0.0 | 270 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 7 PM | NA | 0.0 | 395 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 8 PM | NA | 0.0 | 225 | under maintenance |
| 20-03-2019 | 9 PM | NA | 0.0 | 94 | |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 20-03-2019 | 10 PM | NA | 2.6 | 275 | under maintenance |
| 20-03-2019 | 11 PM | NA | 0.0 | 217 | |
| 21-03-2019 | 12 AM | NA | 0.0 | 157 | |
| 21-03-2019 | 1 AM | NA | 0.0 | 5 | |
| 21-03-2019 | 2 AM | NA | 0.0 | 70 | |
| 21-03-2019 | 3 AM | NA | 0.0 | 107 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 4 AM | NA | 0.0 | 406 | under maintenance |
| 21-03-2019 | 5 AM | NA | 0.0 | 194 | |
| 21-03-2019 | 6 AM | NA | 5.8 | 1193 | Dust: Self calibration/ Auto purge data |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| | | | | | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 7 AM | NA | 0.0 | 1086 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 8 AM | NA | 0.0 | 1217 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 9 AM | NA | 0.0 | 1088 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 10 AM | NA | 0.0 | 1197 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 11 AM | NA | 0.0 | 1296 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 12 PM | NA | 0.0 | 961 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 1 PM | NA | 0.0 | 1201 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 2 PM | NA | 2.6 | 536 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 3 PM | NA | 0.0 | 691 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 4 PM | NA | 0.0 | 1138 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 5 PM | NA | 0.0 | 386 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 6 PM | NA | 0.0 | 347 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 7 PM | NA | 0.0 | 698 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 8 PM | NA | 0.0 | 803 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|------|--|
| 21-03-2019 | 9 PM | NA | 0.0 | 1019 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 10 PM | NA | 2.9 | 1387 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 21-03-2019 | 11 PM | NA | 0.0 | 1950 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 12 AM | NA | 0.0 | 1240 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 1 AM | NA | 0.0 | 1086 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 2 AM | NA | 0.0 | 1633 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 3 AM | NA | 0.0 | 2587 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 4 AM | NA | 0.0 | 2659 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 5 AM | NA | 0.0 | 2502 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 6 AM | NA | 2.6 | 1680 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 7 AM | NA | 0.0 | 461 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 8 AM | NA | 0.0 | 279 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 9 AM | NA | 0.0 | 262 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 10 AM | NA | 0.0 | 263 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 22-03-2019 | 11 AM | NA | 0.0 | 318 | under maintenance |

| 22-03-2019 | 12 PM | NA | 0.0 | 0 | |
|------------|-------|----------|-----|---|---|
| 22-03-2019 | 1 PM | NA NA | 0.0 | 0 | |
| 22-03-2019 | 2 PM | NA NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 22-03-2019 | 3 PM | NA NA | 0.0 | 0 | Dust. Sell Calibration, Auto purge data |
| 22-03-2019 | 4 PM | NA NA | 0.0 | 0 | |
| 22-03-2019 | 5 PM | NA NA | 0.0 | 0 | |
| 22-03-2019 | 6 PM | NA NA | 0.0 | 0 | |
| | | NA NA | | | |
| 22-03-2019 | 7 PM | | 0.0 | 0 | |
| 22-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 22-03-2019 | 9 PM | NA | 0.0 | 0 | 2 |
| 22-03-2019 | 10 PM | NA | 2.8 | 0 | Dust: Self calibration/ Auto purge data |
| 22-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 23-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 23-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 2 PM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 23-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 7 PM | NA | 0.0 | 0 | |

| 23-03-2019 | 8 PM | NA | 0.0 | 0 | |
|------------|-------|----|-----|---|---|
| 23-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 23-03-2019 | 10 PM | NA | 2.8 | 0 | Dust: Self calibration/ Auto purge data |
| 23-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 6 AM | NA | 5.8 | 0 | Dust: Self calibration/ Auto purge data |
| 24-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 24-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 2 PM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 24-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 24-03-2019 | 10 PM | NA | 5.8 | 0 | Dust: Self calibration/ Auto purge data |
| 24-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 25-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 3 AM | NA | 0.0 | 0 | |

| 25-03-2019 | 4 AM | NA | 0.0 | 0 | |
|------------|-------|----|-----|-----|--|
| 25-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 6 AM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 25-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 25-03-2019 | 12 PM | NA | 0.0 | 86 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 25-03-2019 | 1 PM | NA | 0.0 | 423 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 25-03-2019 | 2 PM | NA | 2.9 | 438 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 25-03-2019 | 3 PM | NA | 0.0 | 611 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 25-03-2019 | 4 PM | NA | 0.0 | 416 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 25-03-2019 | 5 PM | NA | 0.0 | 313 | under maintenance |
| 25-03-2019 | 6 PM | NA | 0.0 | 164 | |
| 25-03-2019 | 7 PM | NA | 0.0 | 2 | |
| 25-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 25-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 25-03-2019 | 10 PM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 25-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 5 AM | NA | 0.0 | 0 | |

| 26-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
|------------|-------|----|-----|----|---|
| 26-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 26-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 2 PM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 26-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 26-03-2019 | 10 PM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 26-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 27-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 6 AM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 27-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 27-03-2019 | 12 PM | NA | 0.0 | 39 | |
| 27-03-2019 | 1 PM | NA | 0.0 | 60 | |

| 27-03-2019 | 2 PM | NA | 2.9 | 94 | Dust: Self calibration/ Auto purge data |
|------------|-------|----|-----|-----|--|
| 27-03-2019 | 3 PM | NA | 0.0 | 110 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 27-03-2019 | 4 PM | NA | 0.0 | 384 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 27-03-2019 | 5 PM | NA | 0.0 | 709 | under maintenance |
| 27-03-2019 | 6 PM | NA | 0.0 | 135 | |
| 27-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 27-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 27-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 27-03-2019 | 10 PM | NA | 5.2 | 0 | Dust: Self calibration/ Auto purge data |
| 27-03-2019 | 11 PM | NA | 0.0 | 0 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 28-03-2019 | 12 AM | NA | 0.0 | 404 | under maintenance |
| 28-03-2019 | 1 AM | NA | 0.0 | 199 | |
| 28-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 28-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 28-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 2 PM | NA | 5.2 | 0 | Dust: Self calibration/ Auto purge data |
| 28-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 6 PM | NA | 0.0 | 0 | |

| 28-03-2019 | 7 PM | NA | 0.0 | 0 | |
|------------|-------|----|-----|------|--|
| 28-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 28-03-2019 | 10 PM | NA | 2.9 | 3 | Dust: Self calibration/ Auto purge data |
| 28-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 29-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 29-03-2019 | 1 AM | NA | 0.0 | 13 | |
| 29-03-2019 | 2 AM | NA | 0.0 | 10 | |
| 29-03-2019 | 3 AM | NA | 0.0 | 72 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 4 AM | NA | 0.0 | 621 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 5 AM | NA | 0.0 | 629 | under maintenance |
| | | | | | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 6 AM | NA | 5.2 | 709 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 7 AM | NA | 0.0 | 769 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 8 AM | NA | 0.0 | 629 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 9 AM | NA | 0.0 | 1000 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 10 AM | NA | 0.0 | 567 | under maintenance |
| 29-03-2019 | 11 AM | NA | 0.0 | 21 | |
| 29-03-2019 | 12 PM | NA | 0.0 | 202 | |
| 29-03-2019 | 1 PM | NA | 0.0 | 13 | |
| 29-03-2019 | 2 PM | NA | 2.9 | 179 | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 3 PM | NA | 0.0 | 232 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 29-03-2019 | 4 PM | NA | 0.0 | 230 | under maintenance |

| | | | | | Odour: Manual Dosing of chemical / Dosing System |
|------------|-------|----|-----|-----|--|
| 29-03-2019 | 5 PM | NA | 0.0 | 288 | under maintenance |
| 29-03-2019 | 6 PM | NA | 0.0 | 132 | |
| 29-03-2019 | 7 PM | NA | 0.0 | 10 | |
| 29-03-2019 | 8 PM | NA | 0.0 | 86 | |
| 29-03-2019 | 9 PM | NA | 0.0 | 183 | |
| 29-03-2019 | 10 PM | NA | 2.8 | 49 | Dust: Self calibration/ Auto purge data |
| 29-03-2019 | 11 PM | NA | 0.0 | 0 | |
| 30-03-2019 | 12 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 1 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 2 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 3 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 30-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 30-03-2019 | 9 AM | NA | 0.0 | 12 | |
| 30-03-2019 | 10 AM | NA | 0.0 | 45 | |
| 30-03-2019 | 11 AM | NA | 0.0 | 172 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 30-03-2019 | 12 PM | NA | 0.0 | 279 | under maintenance |
| 30-03-2019 | 1 PM | NA | 0.0 | 93 | |
| 30-03-2019 | 2 PM | NA | 2.9 | 213 | Dust: Self calibration/ Auto purge data |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 30-03-2019 | 3 PM | NA | 0.0 | 242 | under maintenance |
| 30-03-2019 | 4 PM | NA | 0.0 | 83 | |
| 30-03-2019 | 5 PM | NA | 0.0 | 89 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 30-03-2019 | 6 PM | NA | 0.0 | 429 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 30-03-2019 | 7 PM | NA | 0.0 | 249 | under maintenance |

| 30-03-2019 | 8 PM | NA | 0.0 | 74 | |
|------------|-------|----|-----|-----|--|
| 30-03-2019 | 9 PM | NA | 0.0 | 81 | |
| 30-03-2019 | 10 PM | NA | 2.8 | 97 | Dust: Self calibration/ Auto purge data |
| 30-03-2019 | 11 PM | NA | 0.0 | 88 | |
| 31-03-2019 | 12 AM | NA | 0.0 | 157 | |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 31-03-2019 | 1 AM | NA | 0.0 | 648 | under maintenance |
| | | | | | Odour: Manual Dosing of chemical / Dosing System |
| 31-03-2019 | 2 AM | NA | 0.0 | 902 | under maintenance |
| 31-03-2019 | 3 AM | NA | 0.0 | 9 | |
| 31-03-2019 | 4 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 5 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 6 AM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 31-03-2019 | 7 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 8 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 9 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 10 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 11 AM | NA | 0.0 | 0 | |
| 31-03-2019 | 12 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 1 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 2 PM | NA | 2.6 | 0 | Dust: Self calibration/ Auto purge data |
| 31-03-2019 | 3 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 4 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 5 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 6 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 7 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 8 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 9 PM | NA | 0.0 | 0 | |
| 31-03-2019 | 10 PM | NA | 2.9 | 0 | Dust: Self calibration/ Auto purge data |
| 31-03-2019 | 11 PM | NA | 0.0 | 0 | |
| | | | | | |

Environmental Resources Management
OSCAR BioEnergy Joint-Venture

Annex G2

Hourly Average of Parameters Measured in CHP 1

| | | | | CI | HP 1 Hourly Av | verage (mg/Nn | n³) | | | |
|------------|-------|------|-----|-----|----------------------|--------------------|-------------------------------|-----|-----|----------|
| | | | · | | Note: "-" represents | non-operating hour | | | | |
| Date | Hour | Dust | со | NOx | SO ₂ | NMVOCs | VOC (including methane) | нсі | HF | Remarks |
| 01-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 AM | 0 | 357 | 251 | 34 | NA | NA | 0 | 0 | |
| 01-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 AM | 0 | 334 | 351 | 25 | NA | NA | 0 | 0.5 | Start up |
| 01-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 AM | 1 | - | - | - | - | - | - | - | |
| 01-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |

| | | , | | | | | | | | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 02-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 AM | - | _ | - | - | - | - | - | - | |
| 03-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| | | | | | | | 1 | | 1 | 1 |
|------------|-------|---|-----|-----|---|----|----|---|-----|----------|
| 03-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 9 AM | 0 | 172 | 413 | 7 | NA | NA | 0 | 0.5 | Start up |
| 04-03-2019 | 10 AM | 0 | 184 | 120 | 6 | NA | NA | 0 | 0 | Start up |

| 04-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 04-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 8 PM | ı | - | - | - | ı | - | - | - | |
| 04-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 1 AM | ı | - | - | - | ı | - | - | - | |
| 05-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 4 AM | ı | - | - | - | ı | - | - | - | |
| 05-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |

| 05-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|---|--|
| 05-03-2019 | 5 PM | - | ı | - | - | - | - | - | - | |
| 05-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 5 PM | 0 | 148 | 190 | 9 | NA | NA | 0 | 0 | |
| 06-03-2019 | 6 PM | 0 | 332 | 167 | 19 | NA | NA | 0 | 0 | |
| 06-03-2019 | 7 PM | 0 | 356 | 175 | 17 | NA | NA | 0 | 0 | |
| 06-03-2019 | 8 PM | 0 | 176 | 88 | 9 | NA | NA | 0 | 0 | |

| 06-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|-----|----------|
| 06-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 5 PM | - | - | - | - | - | - | _ | - | |
| 07-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 PM | 0 | 304 | 962 | 16 | NA | NA | 0 | 0.5 | Start up |
| 07-03-2019 | 8 PM | 0 | 185 | 103 | 10 | NA | NA | 0 | 0 | |
| 07-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 00 00 0010 | | i | | 1 | 1 | l | 1 | | | |
| 08-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |

| 08-03-2019 | 2 AM | _ | - | - | - | - | _ | _ | _ | |
|------------|-------|---|-----|-----|----|----|----|---|-----|----------|
| 08-03-2019 | 3 AM | _ | _ | _ | _ | _ | _ | _ | _ | |
| 08-03-2019 | 4 AM | _ | _ | _ | _ | _ | _ | _ | - | |
| 08-03-2019 | 5 AM | 0 | 318 | 580 | 16 | NA | NA | 0 | 0.5 | Start up |
| 08-03-2019 | 6 AM | - | - | - | - | - | - | - | - | Start up |
| 08-03-2019 | 7 AM | _ | _ | _ | _ | _ | _ | _ | _ | |
| 08-03-2019 | 8 AM | _ | _ | _ | - | _ | _ | _ | _ | |
| 08-03-2019 | 9 AM | 0 | 329 | 548 | 17 | NA | NA | 0 | 0.5 | Start up |
| 08-03-2019 | 10 AM | _ | _ | _ | _ | _ | _ | _ | _ | Start up |
| 08-03-2019 | 11 AM | 0 | 342 | 341 | 20 | NA | NA | 0 | 0 | Start up |
| 08-03-2019 | 12 PM | 0 | 348 | 206 | 20 | NA | NA | 0 | 0 | Start up |
| 08-03-2019 | 1 PM | 0 | 356 | 205 | 20 | NA | NA | 0 | 0 | |
| 08-03-2019 | 2 PM | 0 | 361 | 198 | 22 | NA | NA | 0 | 0 | |
| 08-03-2019 | 3 PM | 0 | 362 | 198 | 21 | NA | NA | 0 | 0 | |
| 08-03-2019 | 4 PM | 0 | 365 | 205 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 5 PM | 0 | 357 | 204 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 6 PM | 0 | 361 | 201 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 7 PM | 0 | 367 | 201 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 8 PM | 0 | 367 | 198 | 20 | NA | NA | 0 | 0 | |
| 08-03-2019 | 9 PM | 0 | 368 | 197 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 10 PM | 0 | 362 | 202 | 19 | NA | NA | 0 | 0 | |
| 08-03-2019 | 11 PM | 0 | 361 | 194 | 20 | NA | NA | 0 | 0 | |
| 09-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |

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|------------|-------|---|---|---|---|---|---|---|---|--|
| 09-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 10-03-2019 | 12 PM | _ | _ | - | _ | _ | _ | - | _ | |
|------------|-------|---|-----|-----|-----|----------|----------|---|---|--|
| 10-03-2019 | 1 PM | _ | _ | - | _ | _ | _ | _ | _ | |
| 10-03-2019 | 2 PM | 0 | 176 | 119 | 11 | NA | NA | 0 | 0 | |
| 10-03-2019 | 3 PM | 0 | 367 | 190 | 23 | NA | NA | 0 | 0 | |
| 10-03-2019 | 4 PM | 0 | 372 | 189 | 22 | NA | NA | 0 | 0 | |
| 10-03-2019 | 5 PM | 0 | 373 | 188 | 23 | NA | NA | 0 | 0 | |
| 10-03-2019 | 6 PM | 0 | 382 | 197 | 22 | NA | NA | 0 | 0 | |
| 10-03-2019 | 7 PM | 0 | 382 | 208 | 27 | NA | NA | 0 | 0 | |
| 10-03-2019 | 8 PM | 0 | 385 | 207 | 26 | NA | NA | 0 | 0 | |
| 10-03-2019 | 9 PM | 0 | 386 | 208 | 22 | NA NA | NA NA | 0 | 0 | |
| 10-03-2019 | 10 PM | 0 | 399 | 216 | 21 | NA NA | NA | 0 | 0 | |
| 10-03-2019 | 10 PM | 0 | 388 | 211 | 22 | NA NA | NA | 0 | 0 | |
| 11-03-2019 | 11 PM | 0 | 368 | 263 | 20 | NA NA | NA NA | 0 | 0 | |
| | | 0 | 383 | 212 | 21 | NA NA | NA NA | 0 | 0 | |
| 11-03-2019 | 1 AM | 0 | 384 | 209 | 22 | NA NA | NA NA | 0 | 0 | |
| 11-03-2019 | 2 AM | 0 | 385 | 205 | 23 | NA NA | NA NA | 0 | 0 | |
| 11-03-2019 | 3 AM | 0 | 386 | 209 | 23 | NA NA | NA NA | 0 | 0 | |
| 11-03-2019 | 4 AM | | 386 | | 21 | | | | | |
| 11-03-2019 | 5 AM | 0 | | 211 | | NA | NA | 0 | 0 | |
| 11-03-2019 | 6 AM | 0 | 386 | 212 | 21 | NA | NA | 0 | 0 | |
| 11-03-2019 | 7 AM | 0 | 393 | 218 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 8 AM | 0 | 390 | 216 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 9 AM | 0 | 387 | 212 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 10 AM | 0 | 396 | 216 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 11 AM | 0 | 391 | 210 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 12 PM | 0 | 399 | 215 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 1 PM | 0 | 403 | 217 | 20 | NA | NA | 0 | 0 | |
| 11-03-2019 | 2 PM | 0 | 392 | 210 | 21 | NA | NA | 0 | 0 | |
| 11-03-2019 | 3 PM | 0 | 400 | 207 | 52 | NA | NA | 0 | 0 | |
| 11-03-2019 | 4 PM | 0 | 411 | 217 | 114 | NA | NA | 0 | 0 | |

| | | | | | | | | | | , |
|------------|-------|---|-----|-----|----|----|----|---|---|---|
| 11-03-2019 | 5 PM | 0 | 418 | 221 | 58 | NA | NA | 0 | 0 | |
| 11-03-2019 | 6 PM | 0 | 408 | 219 | 30 | NA | NA | 0 | 0 | |
| 11-03-2019 | 7 PM | 0 | 398 | 216 | 22 | NA | NA | 0 | 0 | |
| 11-03-2019 | 8 PM | 0 | 431 | 230 | 19 | NA | NA | 0 | 0 | |
| 11-03-2019 | 9 PM | 0 | 397 | 220 | 18 | NA | NA | 0 | 0 | |
| 11-03-2019 | 10 PM | 0 | 400 | 216 | 19 | NA | NA | 0 | 0 | |
| 11-03-2019 | 11 PM | 0 | 392 | 208 | 19 | NA | NA | 0 | 0 | |
| 12-03-2019 | 12 AM | 0 | 387 | 178 | 21 | NA | NA | 0 | 0 | |
| 12-03-2019 | 1 AM | 0 | 393 | 191 | 28 | NA | NA | 0 | 0 | |
| 12-03-2019 | 2 AM | 0 | 404 | 212 | 28 | NA | NA | 0 | 0 | |
| 12-03-2019 | 3 AM | 0 | 397 | 213 | 21 | NA | NA | 0 | 0 | |
| 12-03-2019 | 4 AM | 0 | 160 | 92 | 8 | NA | NA | 0 | 0 | |
| 12-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| | | - | | | - | | | - | | |

| 12-03-2019 | 10 PM | - | _ | - | - | - | - | _ | _ | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 12-03-2019 | 10 PM | - | _ | - | - | - | - | - | - | |
| + | | | | - | - | | | - | - | |
| 13-03-2019 | 12 AM | - | - | | | - | - | | | |
| 13-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |

| 14-03-2019 3 AM | | | 1 | | | 1 | | 1 | | 1 | 1 |
|---|------------|-------|---|-----|-----|----|----|----|---|---|----------|
| 14-03-2019 5 AM - < | 14-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 6 AM - < | 14-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 7 AM - < | 14-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 8 AM - < | 14-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 9 AM | 14-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 10 AM 0 0 0 NA NA 0 0 14-03-2019 11 AM - | 14-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 14-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 12 PM - | 14-03-2019 | 10 AM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 14-03-2019 1 PM - < | 14-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 2 PM - < | 14-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 3 PM - < | 14-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 4 PM - < | 14-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 5 PM - < | 14-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 6 PM - < | 14-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 7 PM - < | 14-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 8 PM - < | 14-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 9 PM 0 280 99 60 NA NA NA 0 0 Start up 14-03-2019 10 PM 0 381 141 39 NA NA 0 0 Start up 14-03-2019 11 PM 0 384 178 57 NA NA 0 0 Start up 15-03-2019 12 AM 0 371 164 35 NA NA 0 0 Start up 15-03-2019 1 AM 0 371 164 35 NA NA NA 0 0 C 15-03-2019 1 AM 0 396 179 20 NA NA NA 0 0 C 15-03-2019 3 AM 0 170 76 9 NA NA NA 0 0 C 15-03-2019 4 AM - - - - - - - - </th <th>14-03-2019</th> <th>7 PM</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th></th> | 14-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 10 PM 0 381 141 39 NA NA 0 0 Start up 14-03-2019 11 PM 0 384 178 57 NA NA 0 0 Start up 15-03-2019 12 AM 0 371 164 35 NA NA 0 0 0 15-03-2019 1 AM 0 396 179 20 NA NA 0 0 15-03-2019 2 AM 0 413 189 18 NA NA 0 0 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - | 14-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 11 PM 0 384 178 57 NA NA NA 0 0 Start up 15-03-2019 12 AM 0 371 164 35 NA NA 0 0 15-03-2019 1 AM 0 396 179 20 NA NA 0 0 15-03-2019 2 AM 0 413 189 18 NA NA 0 0 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - | 14-03-2019 | 9 PM | 0 | 280 | 99 | 60 | NA | NA | 0 | 0 | Start up |
| 15-03-2019 12 AM 0 371 164 35 NA NA 0 0 15-03-2019 1 AM 0 396 179 20 NA NA 0 0 15-03-2019 2 AM 0 413 189 18 NA NA 0 0 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - <t< th=""><th>14-03-2019</th><th>10 PM</th><th>0</th><th>381</th><th>141</th><th>39</th><th>NA</th><th>NA</th><th>0</th><th>0</th><th>Start up</th></t<> | 14-03-2019 | 10 PM | 0 | 381 | 141 | 39 | NA | NA | 0 | 0 | Start up |
| 15-03-2019 12 AM 0 371 164 35 NA NA NA 0 0 15-03-2019 1 AM 0 396 179 20 NA NA NA 0 0 15-03-2019 2 AM 0 413 189 18 NA NA NA 0 0 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - | 14-03-2019 | 11 PM | 0 | 384 | 178 | 57 | NA | NA | 0 | 0 | Start up |
| 15-03-2019 2 AM 0 413 189 18 NA NA 0 0 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - <th< th=""><th>15-03-2019</th><th>12 AM</th><th>0</th><th>371</th><th>164</th><th>35</th><th>NA</th><th>NA</th><th>0</th><th>0</th><th></th></th<> | 15-03-2019 | 12 AM | 0 | 371 | 164 | 35 | NA | NA | 0 | 0 | |
| 15-03-2019 3 AM 0 170 76 9 NA NA 0 0 15-03-2019 4 AM - <th< th=""><th>15-03-2019</th><th>1 AM</th><th>0</th><th>396</th><th>179</th><th>20</th><th>NA</th><th>NA</th><th>0</th><th>0</th><th></th></th<> | 15-03-2019 | 1 AM | 0 | 396 | 179 | 20 | NA | NA | 0 | 0 | |
| 15-03-2019 | 15-03-2019 | 2 AM | 0 | 413 | 189 | 18 | NA | NA | 0 | 0 | |
| 15-03-2019 5 AM 15-03-2019 6 AM | 15-03-2019 | 3 AM | 0 | 170 | 76 | 9 | NA | NA | 0 | 0 | |
| 15-03-2019 6 AM | 15-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| | 15-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 7 AM | 15-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| | 15-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |

| 15-03-2019 | 0 0 0 0 | _ | _ | _ | _ | _ | _ | _ | _ | |
|------------|----------|---|-----|-----|----|------|------|---|---|--|
| | 8 AM | 0 | 360 | 238 | 17 | NA | NA | | 0 | |
| 15-03-2019 | 9 AM | | | | | | | 0 | | |
| 15-03-2019 | 10 AM | 0 | 372 | 169 | 28 | NA | NA | 0 | 0 | |
| 15-03-2019 | 11 AM | 0 | 375 | 171 | 24 | NA | NA | 0 | 0 | |
| 15-03-2019 | 12 PM | 0 | 373 | 166 | 19 | NA | NA | 0 | 0 | |
| 15-03-2019 | 1 PM | 0 | 375 | 165 | 18 | NA | NA | 0 | 0 | |
| 15-03-2019 | 2 PM | 0 | 376 | 173 | 18 | NA | NA | 0 | 0 | |
| 15-03-2019 | 3 PM | 0 | 379 | 179 | 18 | NA | NA | 0 | 0 | |
| 15-03-2019 | 4 PM | 0 | 381 | 183 | 17 | NA | NA | 0 | 0 | |
| 15-03-2019 | 5 PM | 0 | 378 | 181 | 39 | NA | NA | 0 | 0 | |
| 15-03-2019 | 6 PM | 0 | 391 | 188 | 77 | NA | NA | 0 | 0 | |
| 15-03-2019 | 7 PM | 0 | 405 | 201 | 33 | NA | NA | 0 | 0 | |
| 15-03-2019 | 8 PM | 0 | 395 | 202 | 20 | NA | NA | 0 | 0 | |
| 15-03-2019 | 9 PM | 0 | 399 | 206 | 17 | NA | NA | 0 | 0 | |
| 15-03-2019 | 10 PM | 0 | 399 | 207 | 16 | NA | NA | 0 | 0 | |
| 15-03-2019 | 11 PM | 0 | 391 | 197 | 17 | NA | NA | 0 | 0 | |
| 16-03-2019 | 12 AM | 0 | 375 | 172 | 18 | NA | NA | 0 | 0 | |
| 16-03-2019 | 1 AM | 0 | 383 | 185 | 17 | NA | NA | 0 | 0 | |
| 16-03-2019 | 2 AM | 0 | 391 | 197 | 16 | NA | NA | 0 | 0 | |
| 16-03-2019 | 3 AM | 0 | 388 | 196 | 43 | NA | NA | 0 | 0 | |
| 16-03-2019 | 4 AM | 0 | 410 | 212 | 48 | NA | NA | 0 | 0 | |
| 16-03-2019 | 5 AM | 0 | 413 | 216 | 26 | NA | NA | 0 | 0 | |
| 16-03-2019 | 6 AM | 0 | 409 | 220 | 19 | NA | NA | 0 | 0 | |
| 16-03-2019 | 7 AM | 0 | 428 | 235 | 17 | NA | NA | 0 | 0 | |
| 16-03-2019 | 8 AM | 0 | 441 | 243 | 18 | NA | NA | 0 | 0 | |
| 16-03-2019 | 9 AM | 0 | 447 | 247 | 17 | NA | NA | 0 | 0 | |
| 16-03-2019 | 10 AM | 0 | 451 | 248 | 16 | NA | NA | 0 | 0 | |
| 16-03-2019 | 11 AM | 0 | 438 | 247 | 20 | NA | NA | 0 | 0 | |
| 16-03-2019 | 12 PM | 0 | 429 | 244 | 94 | NA | NA | 0 | 0 | |
| 10-03-2013 | 17 1/1/1 | U | 743 | 477 | J+ | 14/7 | 14/7 | | | |

| 16-03-2019 | 1 PM | 0 | 228 | 122 | 55 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|----|----|----|---|---|--|
| 16-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
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| 17-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
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| 17-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |

| 17-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
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| 17-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
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| 17-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
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| 18-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
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| 18-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
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| 19-03-2019 1 AM | 18-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 2 AM | 19-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 3 AM | 19-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 6 AM | 19-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 7 AM | 19-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 8 AM | 19-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 9 AM | 19-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 2 PM | 19-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 19-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 5 PM - < | 19-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 6 PM - < | 19-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 7 PM - < | 19-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 8 PM - < | 19-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 9 PM - < | 19-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 10 PM - | 19-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 11 PM - | 19-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 12 AM - | 19-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 1 AM - - - - - - 20-03-2019 2 AM - - - - - - - | 19-03-2019 | 11 PM | - | - | - | _ | - | - | - | - | |
| 20-03-2019 2 AM | 20-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| | 20-03-2019 | 1 AM | - | | - | | - | - | - | - | |
| 20-03-2019 3 AM | 20-03-2019 | 2 AM | - | _ | - | _ | - | - | - | - | |
| | 20-03-2019 | 3 AM | - | _ | - | - | - | - | - | - | |

| 20-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
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| 20-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
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| 21-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
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| 21-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
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| 21-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
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| 21-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
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| 21-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 10 AM | - | _ | - | _ | - | - | - | - | |
| 22-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
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| 22-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
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| 22-03-2019 | 3 PM | 0 | 183 | 122 | 14 | NA | NA | 0 | 0 | |
| 22-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
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| 23-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
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| 23-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
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| 23-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
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| 24-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
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| 24-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
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| 24-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
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| 24-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
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| 24-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
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| 25-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
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| 25-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
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| 25-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
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| 25-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 26-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|-----|----|---|---|--|
| 26-03-2019 | 6 AM | ı | - | - | - | - | - | - | - | |
| 26-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 12 AM | 2 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 27-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 1 | | 1 | | 1 | | l . | | | 1 | |

| | | | | I | I | 1 | 1 | | 1 | T |
|------------|-------|-----|-----|-----|-----|----|----|---|---|---|
| 27-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 7 PM | - | - | - | - | - | - | ı | - | |
| 27-03-2019 | 8 PM | - | 1 | - | - | - | - | ı | - | |
| 27-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 10 PM | - | 1 | - | - | - | - | ı | - | |
| 27-03-2019 | 11 PM | - | 1 | - | - | - | - | ı | - | |
| 28-03-2019 | 12 AM | 0.5 | 166 | 136 | 14 | NA | NA | 0 | 0 | |
| 28-03-2019 | 1 AM | 0 | 329 | 222 | 29 | NA | NA | 0 | 0 | |
| 28-03-2019 | 2 AM | 0.5 | 341 | 231 | 28 | NA | NA | 0 | 0 | |
| 28-03-2019 | 3 AM | 0.5 | 360 | 246 | 28 | NA | NA | 0 | 0 | |
| 28-03-2019 | 4 AM | 0 | 365 | 252 | 27 | NA | NA | 0 | 0 | |
| 28-03-2019 | 5 AM | 0 | 361 | 248 | 27 | NA | NA | 0 | 0 | |
| 28-03-2019 | 6 AM | 0 | 363 | 245 | 27 | NA | NA | 0 | 0 | |
| 28-03-2019 | 7 AM | 0 | 364 | 239 | 46 | NA | NA | 0 | 0 | |
| 28-03-2019 | 8 AM | 0 | 379 | 239 | 130 | NA | NA | 0 | 0 | |
| 28-03-2019 | 9 AM | 0 | 393 | 243 | 142 | NA | NA | 0 | 0 | |
| 28-03-2019 | 10 AM | 0 | 402 | 247 | 76 | NA | NA | 0 | 0 | |
| 28-03-2019 | 11 AM | 0 | 407 | 245 | 40 | NA | NA | 0 | 0 | |
| 28-03-2019 | 12 PM | 0 | 384 | 223 | 35 | NA | NA | 0 | 0 | |
| 28-03-2019 | 1 PM | 0 | 385 | 219 | 34 | NA | NA | 0 | 0 | |
| 28-03-2019 | 2 PM | 0 | 398 | 224 | 34 | NA | NA | 0 | 0 | |

| | | | | | 1 | 1 | 1 | | | 1 |
|------------|-------|-----|-----|-----|----|----|----|---|---|---|
| 28-03-2019 | 3 PM | 0 | 386 | 205 | 36 | NA | NA | 0 | 0 | |
| 28-03-2019 | 4 PM | 0 | 403 | 207 | 36 | NA | NA | 0 | 0 | |
| 28-03-2019 | 5 PM | 0 | 408 | 214 | 34 | NA | NA | 0 | 0 | |
| 28-03-2019 | 6 PM | 0 | 376 | 204 | 32 | NA | NA | 0 | 0 | |
| 28-03-2019 | 7 PM | 0 | 383 | 204 | 30 | NA | NA | 0 | 0 | |
| 28-03-2019 | 8 PM | 0 | 381 | 208 | 31 | NA | NA | 0 | 0 | |
| 28-03-2019 | 9 PM | 0 | 385 | 203 | 76 | NA | NA | 0 | 0 | |
| 28-03-2019 | 10 PM | 0 | 390 | 218 | 69 | NA | NA | 0 | 0 | |
| 28-03-2019 | 11 PM | 0 | 381 | 208 | 43 | NA | NA | 0 | 0 | |
| 29-03-2019 | 12 AM | 0 | 388 | 176 | 39 | NA | NA | 0 | 0 | |
| 29-03-2019 | 1 AM | 0 | 389 | 185 | 40 | NA | NA | 0 | 0 | |
| 29-03-2019 | 2 AM | 0 | 381 | 189 | 39 | NA | NA | 0 | 0 | |
| 29-03-2019 | 3 AM | 0 | 380 | 196 | 37 | NA | NA | 0 | 0 | |
| 29-03-2019 | 4 AM | 0 | 382 | 199 | 41 | NA | NA | 0 | 0 | |
| 29-03-2019 | 5 AM | 0 | 379 | 186 | 43 | NA | NA | 0 | 0 | |
| 29-03-2019 | 6 AM | 0 | 385 | 176 | 40 | NA | NA | 0 | 0 | |
| 29-03-2019 | 7 AM | 0 | 385 | 186 | 36 | NA | NA | 0 | 0 | |
| 29-03-2019 | 8 AM | 0 | 388 | 193 | 36 | NA | NA | 0 | 0 | |
| 29-03-2019 | 9 AM | 0 | 384 | 195 | 32 | NA | NA | 0 | 0 | |
| 29-03-2019 | 10 AM | 2.5 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 29-03-2019 | 11 AM | 0 | 381 | 272 | 61 | NA | NA | 0 | 0 | |
| 29-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 1 PM | 0 | 375 | 254 | 33 | NA | NA | 0 | 0 | |
| 29-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 5 PM | - | - | | - | - | - | - | - | |
| 29-03-2019 | 6 PM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 29-03-2019 | 7 PM | - | - | - | - | - | - | - | - | _ |
| | | | | | | | | | | |

| 29-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|---|--|
| 29-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 1 PM | - | 1 | - | - | - | - | - | - | |
| 30-03-2019 | 2 PM | - | 1 | - | - | - | - | - | - | |
| 30-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 10 PM | 0 | 134 | 96 | 5 | NA | NA | 0 | 0 | |
| 30-03-2019 | 11 PM | 0 | 206 | 136 | 12 | NA | NA | 0 | 0 | |
| 31-03-2019 | 12 AM | 0 | 418 | 263 | 33 | NA | NA | 0 | 0 | |
| | | | | | | | | | | |

| 31-03-2019 | 1 AM | 0 | 428 | 265 | 32 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|-----|----|----|---|---|--|
| 31-03-2019 | 2 AM | 0 | 446 | 269 | 33 | NA | NA | 0 | 0 | |
| 31-03-2019 | 3 AM | 0 | 459 | 270 | 34 | NA | NA | 0 | 0 | |
| 31-03-2019 | 4 AM | 0 | 417 | 257 | 33 | NA | NA | 0 | 0 | |
| 31-03-2019 | 5 AM | 0 | 311 | 187 | 25 | NA | NA | 0 | 0 | |
| 31-03-2019 | 6 AM | 0 | 172 | 117 | 11 | NA | NA | 0 | 0 | |
| 31-03-2019 | 7 AM | 0 | 148 | 114 | 9 | NA | NA | 0 | 0 | |
| 31-03-2019 | 8 AM | 0 | 150 | 199 | 10 | NA | NA | 0 | 0 | |
| 31-03-2019 | 9 AM | 0 | 123 | 99 | 5 | NA | NA | 0 | 0 | |
| 31-03-2019 | 10 AM | 0 | 69 | 41 | 4 | NA | NA | 0 | 0 | |
| 31-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 12 PM | 0 | 55 | 50 | 3 | NA | NA | 0 | 0 | |
| 31-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 2 PM | 0 | 77 | 94 | 4 | NA | NA | 0 | 0 | |
| 31-03-2019 | 3 PM | 0 | 242 | 128 | 21 | NA | NA | 0 | 0 | |
| 31-03-2019 | 4 PM | 0 | 420 | 212 | 70 | NA | NA | 0 | 0 | |
| 31-03-2019 | 5 PM | 0 | 427 | 214 | 163 | NA | NA | 0 | 0 | |
| 31-03-2019 | 6 PM | 0 | 436 | 215 | 202 | NA | NA | 0 | 0 | |
| 31-03-2019 | 7 PM | 0 | 290 | 146 | 156 | NA | NA | 0 | 0 | |
| 31-03-2019 | 8 PM | 0 | 185 | 130 | 76 | NA | NA | 0 | 0 | |
| 31-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |

Environmental Resources Management OSCAR BioEnergy Joint-Venture

Annex G3

Hourly Average of Parameters Measured in CHP 2

| | | | CHP 2 Hourly Average (mg/Nm³) | | | | | | | | | |
|------------|-------|------|-------------------------------|------|---------------------|----------------------|-------------------|-----|----|---------|--|--|
| | | | | | Note: "-" represent | s non-operating hour | T | | | | | |
| | | | | | | | VOC (including | | | | | |
| Date | Hour | Dust | СО | NOx | SO ₂ | NMVOCs | methane) | HCI | HF | Remarks | | |
| 01-03-2019 | 12 AM | 0 | 245 | 167 | 25 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 1 AM | 0 | 265 | 172 | 24 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 2 AM | 0 | 276 | 182 | 21 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 3 AM | 0 | 275 | 181 | 41 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 4 AM | 0 | 274 | 181 | 37 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 5 AM | 0 | 102 | 52 | 4 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 6 AM | 0 | 302 | 180 | 21 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 7 AM | 0 | 308 | 185 | 21 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 8 AM | 0 | 121 | 63 | 5 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 9 AM | 0 | 281 | 180 | 20 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 10 AM | 0 | 301 | 182 | 20 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 11 AM | 0 | 243 | 174 | 81 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 12 PM | 0 | 239 | 178 | 97 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 1 PM | 0 | 221 | 180 | 39 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 2 PM | 0 | 238 | 184 | 20 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 3 PM | 0 | 239 | 134 | 16 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 4 PM | 0 | 235 | 133 | 15 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 5 PM | 0 | 214 | 126 | 16 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 6 PM | 0 | 219 | 130 | 15 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 7 PM | 0 | 267 | 146 | 14 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 8 PM | 0 | 206 | 126 | 50 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 9 PM | 0 | 241 | 140 | 100 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 10 PM | 0 | 254 | 142 | 52 | NA | NA | 0 | 0 | | | |
| 01-03-2019 | 11 PM | 0 | 229 | 134 | 23 | NA | NA | 0 | 0 | | | |
| 02-03-2019 | 12 AM | 0 | 170 | 96.5 | 18.5 | NA | NA | 0 | 0 | | | |

| 02-03-2019 | 1 AM | 0 | 144 | 74 | 21 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-------|----|----|----|---|---|--|
| 02-03-2019 | 2 AM | 0 | 137 | 69 | 22 | NA | NA | 0 | 0 | |
| 02-03-2019 | 3 AM | 0 | 175 | 95 | 19 | NA | NA | 0 | 0 | |
| 02-03-2019 | 4 AM | 0 | 202 | 118 | 16 | NA | NA | 0 | 0 | |
| 02-03-2019 | 5 AM | 0 | 246 | 143 | 20 | NA | NA | 0 | 0 | |
| 02-03-2019 | 6 AM | 0 | 282 | 165 | 14 | NA | NA | 0 | 0 | |
| 02-03-2019 | 7 AM | 0 | 262 | 163 | 13 | NA | NA | 0 | 0 | |
| 02-03-2019 | 8 AM | 0 | 241 | 156 | 12 | NA | NA | 0 | 0 | |
| 02-03-2019 | 9 AM | 0 | 186 | 127 | 15 | NA | NA | 0 | 0 | |
| 02-03-2019 | 10 AM | 0 | 175 | 120 | 41 | NA | NA | 0 | 0 | |
| 02-03-2019 | 11 AM | 0 | 171 | 116 | 72 | NA | NA | 0 | 0 | |
| 02-03-2019 | 12 PM | 0 | 200 | 139 | 34 | NA | NA | 0 | 0 | |
| 02-03-2019 | 1 PM | 0 | 184 | 134 | 20 | NA | NA | 0 | 0 | |
| 02-03-2019 | 2 PM | 0 | 230 | 162 | 12 | NA | NA | 0 | 0 | |
| 02-03-2019 | 3 PM | 0 | 248 | 174 | 10 | NA | NA | 0 | 0 | |
| 02-03-2019 | 4 PM | 0 | 214 | 159 | 13 | NA | NA | 0 | 0 | |
| 02-03-2019 | 5 PM | 0 | 219 | 153 | 14 | NA | NA | 0 | 0 | |
| 02-03-2019 | 6 PM | 0 | 218 | 143 | 12 | NA | NA | 0 | 0 | |
| 02-03-2019 | 7 PM | 0 | 201 | 136 | 14 | NA | NA | 0 | 0 | |
| 02-03-2019 | 8 PM | 0 | 213 | 147 | 12 | NA | NA | 0 | 0 | |
| 02-03-2019 | 9 PM | 0 | 234 | 149 | 11 | NA | NA | 0 | 0 | |
| 02-03-2019 | 10 PM | 0 | 241 | 154 | 13 | NA | NA | 0 | 0 | |
| 02-03-2019 | 11 PM | 0 | 220 | 143 | 13 | NA | NA | 0 | 0 | |
| 03-03-2019 | 12 AM | 0 | 235 | 148.5 | 49 | NA | NA | 0 | 0 | |
| 03-03-2019 | 1 AM | 0 | 261 | 159 | 33 | NA | NA | 0 | 0 | |
| 03-03-2019 | 2 AM | 0 | 235 | 144 | 19 | NA | NA | 0 | 0 | |
| 03-03-2019 | 3 AM | 0 | 224 | 143 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 4 AM | 0 | 226 | 142 | 16 | NA | NA | 0 | 0 | |
| 03-03-2019 | 5 AM | 0 | 223 | 137 | 68 | NA | NA | 0 | 0 | |

| 03-03-2019 | 6 AM | 0 | 251 | 144 | 64 | NA | NA | 0 | 0 | |
|------------|-------|---|-------|-----|------|----|----|---|---|--|
| 03-03-2019 | 7 AM | 0 | 224 | 131 | 29 | NA | NA | 0 | 0 | |
| 03-03-2019 | 8 AM | 0 | 217 | 127 | 18 | NA | NA | 0 | 0 | |
| 03-03-2019 | 9 AM | 0 | 224 | 131 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 10 AM | 0 | 228 | 133 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 11 AM | 0 | 222 | 131 | 14 | NA | NA | 0 | 0 | |
| 03-03-2019 | 12 PM | 0 | 215 | 122 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 1 PM | 0 | 213 | 123 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 2 PM | 0 | 209 | 126 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 3 PM | 0 | 223 | 133 | 31 | NA | NA | 0 | 0 | |
| 03-03-2019 | 4 PM | 0 | 221 | 133 | 23 | NA | NA | 0 | 0 | |
| 03-03-2019 | 5 PM | 0 | 214 | 132 | 17 | NA | NA | 0 | 0 | |
| 03-03-2019 | 6 PM | 0 | 213 | 132 | 15 | NA | NA | 0 | 0 | |
| 03-03-2019 | 7 PM | 0 | 211 | 140 | 14 | NA | NA | 0 | 0 | |
| 03-03-2019 | 8 PM | 0 | 204 | 141 | 13 | NA | NA | 0 | 0 | |
| 03-03-2019 | 9 PM | 0 | 182 | 132 | 27 | NA | NA | 0 | 0 | |
| 03-03-2019 | 10 PM | 0 | 185 | 130 | 35 | NA | NA | 0 | 0 | |
| 03-03-2019 | 11 PM | 1 | 273 | 180 | 15 | NA | NA | 0 | 0 | |
| 04-03-2019 | 12 AM | 0 | 273.5 | 187 | 14.5 | NA | NA | 0 | 0 | |
| 04-03-2019 | 1 AM | 0 | 261 | 184 | 71 | NA | NA | 0 | 0 | |
| 04-03-2019 | 2 AM | 0 | 258 | 183 | 46 | NA | NA | 0 | 0 | |
| 04-03-2019 | 3 AM | 0 | 247 | 178 | 18 | NA | NA | 0 | 0 | |
| 04-03-2019 | 4 AM | 0 | 263 | 181 | 11 | NA | NA | 0 | 0 | |
| 04-03-2019 | 5 AM | 0 | 226 | 168 | 11 | NA | NA | 0 | 0 | |
| 04-03-2019 | 6 AM | 0 | 224 | 170 | 11 | NA | NA | 0 | 0 | |
| 04-03-2019 | 7 AM | 0 | 241 | 181 | 29 | NA | NA | 0 | 0 | |
| 04-03-2019 | 8 AM | 0 | 284 | 201 | 16 | NA | NA | 0 | 0 | |
| 04-03-2019 | 9 AM | 0 | 230 | 158 | 8 | NA | NA | 0 | 0 | |
| 04-03-2019 | 10 AM | 0 | 164 | 139 | 4 | NA | NA | 0 | 0 | |

| 04-03-2019 | 11 AM | 0 | 246 | 249 | 12 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-------|-----|----|----|---|---|--|
| 04-03-2019 | 12 PM | 0 | 204 | 236 | 30 | NA | NA | 0 | 0 | |
| 04-03-2019 | 1 PM | 0 | 240 | 246 | 37 | NA | NA | 0 | 0 | |
| 04-03-2019 | 2 PM | 0 | 233 | 243 | 18 | NA | NA | 0 | 0 | |
| 04-03-2019 | 3 PM | 0 | 280 | 268 | 11 | NA | NA | 0 | 0 | |
| 04-03-2019 | 4 PM | 0 | 245 | 252 | 13 | NA | NA | 0 | 0 | |
| 04-03-2019 | 5 PM | 0 | 259 | 247 | 19 | NA | NA | 0 | 0 | |
| 04-03-2019 | 6 PM | 0 | 254 | 239 | 15 | NA | NA | 0 | 0 | |
| 04-03-2019 | 7 PM | 0 | 205 | 216 | 15 | NA | NA | 0 | 0 | |
| 04-03-2019 | 8 PM | 0 | 149 | 185 | 17 | NA | NA | 0 | 0 | |
| 04-03-2019 | 9 PM | 0 | 149 | 191 | 18 | NA | NA | 0 | 0 | |
| 04-03-2019 | 10 PM | 0 | 162 | 225 | 16 | NA | NA | 0 | 0 | |
| 04-03-2019 | 11 PM | 0 | 141 | 175 | 19 | NA | NA | 0 | 0 | |
| 05-03-2019 | 12 AM | 0 | 92 | 122.5 | 6.5 | NA | NA | 0 | 0 | |
| 05-03-2019 | 1 AM | 0 | 195 | 204 | 15 | NA | NA | 0 | 0 | |
| 05-03-2019 | 2 AM | 0 | 174 | 202 | 18 | NA | NA | 0 | 0 | |
| 05-03-2019 | 3 AM | 0 | 171 | 197 | 61 | NA | NA | 0 | 0 | |
| 05-03-2019 | 4 AM | 0 | 194 | 210 | 99 | NA | NA | 0 | 0 | |
| 05-03-2019 | 5 AM | 0 | 190 | 209 | 120 | NA | NA | 0 | 0 | |
| 05-03-2019 | 6 AM | 0 | 219 | 220 | 99 | NA | NA | 0 | 0 | |
| 05-03-2019 | 7 AM | 0 | 217 | 219 | 48 | NA | NA | 0 | 0 | |
| 05-03-2019 | 8 AM | 0 | 204 | 212 | 23 | NA | NA | 0 | 0 | |
| 05-03-2019 | 9 AM | 0 | 203 | 208 | 17 | NA | NA | 0 | 0 | |
| 05-03-2019 | 10 AM | 0 | 215 | 208 | 15 | NA | NA | 0 | 0 | |
| 05-03-2019 | 11 AM | 0 | 189 | 197 | 17 | NA | NA | 0 | 0 | |
| 05-03-2019 | 12 PM | 0 | 204 | 199 | 19 | NA | NA | 0 | 0 | |
| 05-03-2019 | 1 PM | 0 | 220 | 202 | 15 | NA | NA | 0 | 0 | |
| 05-03-2019 | 2 PM | 0 | 228 | 201 | 16 | NA | NA | 0 | 0 | |
| 05-03-2019 | 3 PM | 0 | 185 | 182 | 17 | NA | NA | 0 | 0 | |

| 05-03-2019 | 4 PM | 0 | 186 | 184 | 18 | NA | NA | 0 | 0 | |
|------------|-------|---|------|-----|-----|----|----|---|---|---|
| 05-03-2019 | 5 PM | 0 | 168 | 176 | 18 | NA | NA | 0 | 0 | |
| 05-03-2019 | 6 PM | 0 | 168 | 174 | 43 | NA | NA | 0 | 0 | |
| 05-03-2019 | 7 PM | 0 | 225 | 196 | 104 | NA | NA | 0 | 0 | |
| 05-03-2019 | 8 PM | 2 | 294 | 216 | 79 | NA | NA | 0 | 0 | |
| 05-03-2019 | 9 PM | 0 | 241 | 205 | 38 | NA | NA | 0 | 0 | |
| 05-03-2019 | 10 PM | 0 | 186 | 189 | 20 | NA | NA | 0 | 0 | |
| 05-03-2019 | 11 PM | 0 | 183 | 187 | 16 | NA | NA | 0 | 0 | |
| 06-03-2019 | 12 AM | 0 | 75.5 | 82 | 9.5 | NA | NA | 0 | 0 | |
| 06-03-2019 | 1 AM | 0 | 168 | 184 | 40 | NA | NA | 0 | 0 | |
| 06-03-2019 | 2 AM | 0 | 214 | 196 | 28 | NA | NA | 0 | 0 | |
| 06-03-2019 | 3 AM | 0 | 185 | 185 | 19 | NA | NA | 0 | 0 | |
| 06-03-2019 | 4 AM | 0 | 191 | 184 | 16 | NA | NA | 0 | 0 | |
| 06-03-2019 | 5 AM | 0 | 184 | 182 | 18 | NA | NA | 0 | 0 | |
| 06-03-2019 | 6 AM | 0 | 183 | 178 | 67 | NA | NA | 0 | 0 | |
| 06-03-2019 | 7 AM | 0 | 219 | 185 | 58 | NA | NA | 0 | 0 | |
| 06-03-2019 | 8 AM | 0 | 215 | 187 | 26 | NA | NA | 0 | 0 | |
| 06-03-2019 | 9 AM | 0 | 237 | 194 | 17 | NA | NA | 0 | 0 | |
| 06-03-2019 | 10 AM | 0 | 252 | 199 | 15 | NA | NA | 0 | 0 | |
| 06-03-2019 | 11 AM | 0 | 280 | 203 | 13 | NA | NA | 0 | 0 | |
| 06-03-2019 | 12 PM | 0 | 288 | 204 | 11 | NA | NA | 0 | 0 | |
| 06-03-2019 | 1 PM | 0 | 293 | 208 | 11 | NA | NA | 0 | 0 | |
| 06-03-2019 | 2 PM | 0 | 266 | 204 | 14 | NA | NA | 0 | 0 | |
| 06-03-2019 | 3 PM | 0 | 283 | 203 | 13 | NA | NA | 0 | 0 | |
| 06-03-2019 | 4 PM | 0 | 278 | 202 | 13 | NA | NA | 0 | 0 | |
| 06-03-2019 | 5 PM | 0 | 150 | 118 | 8 | NA | NA | 0 | 0 | |
| 06-03-2019 | 6 PM | 0 | 14 | 12 | 0 | NA | NA | 0 | 0 | |
| 06-03-2019 | 7 PM | 0 | 12 | 2 | 0 | NA | NA | 0 | 0 | |
| 06-03-2019 | 8 PM | 0 | 193 | 136 | 12 | NA | NA | 0 | 0 | _ |

| 06-03-2019 | 9 PM | 0 | 312 | 199 | 47 | NA | NA | 0 | 0 | |
|------------|-------|----|-----|-------|------|----|----|---|---|--------------|
| 06-03-2019 | 10 PM | 0 | 321 | 204 | 24 | NA | NA | 0 | 0 | |
| 06-03-2019 | 11 PM | 0 | 307 | 208 | 15 | NA | NA | 0 | 0 | |
| 07-03-2019 | 12 AM | 0 | 220 | 181 | 13.5 | NA | NA | 0 | 0 | |
| 07-03-2019 | 1 AM | 0 | 261 | 196 | 13 | NA | NA | 0 | 0 | |
| 07-03-2019 | 2 AM | 0 | 282 | 214 | 13 | NA | NA | 0 | 0 | |
| 07-03-2019 | 3 AM | 0 | 300 | 213 | 12 | NA | NA | 0 | 0 | |
| 07-03-2019 | 4 AM | 0 | 299 | 217 | 11 | NA | NA | 0 | 0 | |
| 07-03-2019 | 5 AM | 0 | 245 | 209 | 14 | NA | NA | 0 | 0 | |
| 07-03-2019 | 6 AM | 0 | 197 | 198 | 15 | NA | NA | 0 | 0 | |
| 07-03-2019 | 7 AM | 0 | 174 | 183 | 15 | NA | NA | 0 | 0 | |
| 07-03-2019 | 8 AM | 0 | 210 | 189 | 13 | NA | NA | 0 | 0 | |
| 07-03-2019 | 9 AM | 0 | 158 | 166 | 17 | NA | NA | 0 | 0 | |
| 07-03-2019 | 10 AM | 0 | 164 | 179 | 15 | NA | NA | 0 | 0 | |
| 07-03-2019 | 11 AM | 0 | 139 | 152 | 18 | NA | NA | 0 | 0 | |
| 07-03-2019 | 12 PM | 0 | 158 | 165 | 17 | NA | NA | 0 | 0 | |
| 07-03-2019 | 1 PM | 1 | 235 | 218 | 10 | NA | NA | 0 | 0 | |
| 07-03-2019 | 2 PM | 1 | 255 | 230 | 0 | NA | NA | 0 | 0 | |
| 07-03-2019 | 3 PM | 1 | 249 | 224 | 1 | NA | NA | 0 | 0 | |
| 07-03-2019 | 4 PM | 41 | 25 | 10 | 0 | NA | NA | 0 | 0 | Fault Signal |
| 07-03-2019 | 5 PM | 0 | 1 | 0 | 0 | NA | NA | 0 | 0 | |
| 07-03-2019 | 6 PM | 2 | 278 | 165 | 12 | NA | NA | 0 | 0 | |
| 07-03-2019 | 7 PM | 1 | 148 | 88 | 6 | NA | NA | 0 | 0 | |
| 07-03-2019 | 8 PM | 1 | 223 | 155 | 8 | NA | NA | 0 | 0 | |
| 07-03-2019 | 9 PM | 1 | 324 | 231 | 15 | NA | NA | 0 | 0 | |
| 07-03-2019 | 10 PM | 1 | 327 | 230 | 16 | NA | NA | 0 | 0 | |
| 07-03-2019 | 11 PM | 1 | 321 | 230 | 17 | NA | NA | 0 | 0 | |
| 08-03-2019 | 12 AM | 1 | 265 | 209.5 | 28.5 | NA | NA | 0 | 0 | |
| 08-03-2019 | 1 AM | 1 | 319 | 221 | 23 | NA | NA | 0 | 0 | |
| | | | | | | | | | | |

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|------------|-------|---|-----|-------|------|----|----|---|---|--|
| 08-03-2019 | 2 AM | 1 | 331 | 226 | 18 | NA | NA | 0 | 0 | |
| 08-03-2019 | 3 AM | 1 | 334 | 229 | 17 | NA | NA | 0 | 0 | |
| 08-03-2019 | 4 AM | 1 | 335 | 235 | 16 | NA | NA | 0 | 0 | |
| 08-03-2019 | 5 AM | 1 | 240 | 167 | 10 | NA | NA | 0 | 0 | |
| 08-03-2019 | 6 AM | 1 | 336 | 236 | 15 | NA | NA | 0 | 0 | |
| 08-03-2019 | 7 AM | 1 | 338 | 235 | 16 | NA | NA | 0 | 0 | |
| 08-03-2019 | 8 AM | 1 | 340 | 236 | 16 | NA | NA | 0 | 0 | |
| 08-03-2019 | 9 AM | 1 | 217 | 146 | 8 | NA | NA | 0 | 0 | |
| 08-03-2019 | 10 AM | 1 | 336 | 230 | 17 | NA | NA | 0 | 0 | |
| 08-03-2019 | 11 AM | 0 | 97 | 68 | 4 | NA | NA | 0 | 0 | |
| 08-03-2019 | 12 PM | 0 | 19 | 17 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 1 PM | 0 | 30 | 25 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 2 PM | 0 | 21 | 16 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 3 PM | 0 | 18 | 16 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 4 PM | 0 | 17 | 8 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 5 PM | 0 | 19 | 17 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 6 PM | 0 | 30 | 24 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 7 PM | 0 | 24 | 17 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 8 PM | 0 | 18 | 16 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 9 PM | 0 | 16 | 6 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 10 PM | 0 | 20 | 17 | 0 | NA | NA | 0 | 0 | |
| 08-03-2019 | 11 PM | 0 | 45 | 26 | 0 | NA | NA | 0 | 0 | |
| 09-03-2019 | 12 AM | 1 | 256 | 148.5 | 17.5 | NA | NA | 0 | 0 | |
| 09-03-2019 | 1 AM | 1 | 297 | 169 | 18 | NA | NA | 0 | 0 | |
| 09-03-2019 | 2 AM | 1 | 315 | 170 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 3 AM | 1 | 238 | 143 | 20 | NA | NA | 0 | 0 | |
| 09-03-2019 | 4 AM | 1 | 207 | 135 | 21 | NA | NA | 0 | 0 | |
| 09-03-2019 | 5 AM | 1 | 200 | 140 | 21 | NA | NA | 0 | 0 | |
| 09-03-2019 | 6 AM | 1 | 188 | 128 | 21 | NA | NA | 0 | 0 | |

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|------------|-------|---|-----|-----|----|----|----|---|---|---|
| 09-03-2019 | 7 AM | 1 | 205 | 140 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 8 AM | 1 | 210 | 144 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 9 AM | 1 | 250 | 154 | 18 | NA | NA | 0 | 0 | |
| 09-03-2019 | 10 AM | 1 | 234 | 146 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 11 AM | 1 | 211 | 141 | 36 | NA | NA | 0 | 0 | |
| 09-03-2019 | 12 PM | 1 | 233 | 147 | 68 | NA | NA | 0 | 0 | |
| 09-03-2019 | 1 PM | 1 | 258 | 152 | 36 | NA | NA | 0 | 0 | |
| 09-03-2019 | 2 PM | 1 | 241 | 145 | 22 | NA | NA | 0 | 0 | |
| 09-03-2019 | 3 PM | 1 | 246 | 144 | 18 | NA | NA | 0 | 0 | |
| 09-03-2019 | 4 PM | 1 | 244 | 139 | 18 | NA | NA | 0 | 0 | |
| 09-03-2019 | 5 PM | 1 | 229 | 135 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 6 PM | 1 | 225 | 137 | 19 | NA | NA | 0 | 0 | |
| 09-03-2019 | 7 PM | 1 | 214 | 139 | 26 | NA | NA | 0 | 0 | |
| 09-03-2019 | 8 PM | 1 | 215 | 135 | 63 | NA | NA | 0 | 0 | |
| 09-03-2019 | 9 PM | 1 | 213 | 136 | 89 | NA | NA | 0 | 0 | |
| 09-03-2019 | 10 PM | 1 | 235 | 147 | 70 | NA | NA | 0 | 0 | |
| 09-03-2019 | 11 PM | 1 | 116 | 75 | 18 | NA | NA | 0 | 0 | |
| 10-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
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|------------|-------|---|---|---|---|----|----|---|---|---|
| 10-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 2 PM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 11-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |

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| 11-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 9 PM | - | 1 | 1 | - | - | - | 1 | - | |
| 11-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 2 AM | - | 1 | 1 | - | - | - | ı | - | |
| 12-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 4 AM | 0 | 139 | 98 | 12 | NA | NA | 0 | 0 | |
| 12-03-2019 | 5 AM | 0 | 196 | 141 | 20 | NA | NA | 0 | 0 | |
| 12-03-2019 | 6 AM | 1 | 220 | 150 | 19 | NA | NA | 0 | 0 | |
| 12-03-2019 | 7 AM | 0 | 203 | 146 | 19 | NA | NA | 0 | 0 | |
| 12-03-2019 | 8 AM | 0 | 266 | 174 | 17 | NA | NA | 0 | 0 | |
| 12-03-2019 | 9 AM | 0 | 259 | 168 | 30 | NA | NA | 0 | 0 | |
| 12-03-2019 | 10 AM | 0 | 248 | 158 | 48 | NA | NA | 0 | 0 | |
| 12-03-2019 | 11 AM | 0 | 206 | 139 | 28 | NA | NA | 0 | 0 | |
| 12-03-2019 | 12 PM | 0 | 198 | 129 | 22 | NA | NA | 0 | 0 | |
| 12-03-2019 | 1 PM | 0 | 225 | 145 | 19 | NA | NA | 0 | 0 | |
| 12-03-2019 | 2 PM | 0 | 220 | 142 | 19 | NA | NA | 0 | 0 | |
| 12-03-2019 | 3 PM | 0 | 206 | 138 | 21 | NA | NA | 0 | 0 | |
| 12-03-2019 | 4 PM | 0 | 207 | 137 | 20 | NA | NA | 0 | 0 | |
| 12-03-2019 | 5 PM | 0 | 204 | 135 | 49 | NA | NA | 0 | 0 | |
| 12-03-2019 | 6 PM | 0 | 225 | 144 | 93 | NA | NA | 0 | 0 | |
| 12-03-2019 | 7 PM | 0 | 261 | 163 | 58 | NA | NA | 0 | 0 | |
| 12-03-2019 | 8 PM | 0 | 247 | 156 | 29 | NA | NA | 0 | 0 | |
| 12-03-2019 | 9 PM | 0 | 240 | 155 | 20 | NA | NA | 0 | 0 | |

| | | ^ | 2.47 | 4.62 | 40 | N.1.A | A 1 A | 0 | | |
|------------|-------|---|-------|------|------|-------|-------|---|---|--|
| 12-03-2019 | 10 PM | 0 | 247 | 163 | 18 | NA | NA | 0 | 0 | |
| 12-03-2019 | 11 PM | 0 | 84 | 63 | 5 | NA | NA | 0 | 0 | |
| 13-03-2019 | 12 AM | 0 | 200 | 203 | 20 | NA | NA | 0 | 0 | |
| 13-03-2019 | 1 AM | 0 | 230 | 215 | 17 | NA | NA | 0 | 0 | |
| 13-03-2019 | 2 AM | 0 | 245 | 221 | 25 | NA | NA | 0 | 0 | |
| 13-03-2019 | 3 AM | 0 | 256 | 227 | 24 | NA | NA | 0 | 0 | |
| 13-03-2019 | 4 AM | 0 | 251 | 228 | 18 | NA | NA | 0 | 0 | |
| 13-03-2019 | 5 AM | 0 | 255 | 231 | 18 | NA | NA | 0 | 0 | |
| 13-03-2019 | 6 AM | 0 | 239 | 220 | 18 | NA | NA | 0 | 0 | |
| 13-03-2019 | 7 AM | 0 | 240 | 217 | 17 | NA | NA | 0 | 0 | |
| 13-03-2019 | 8 AM | 0 | 247 | 220 | 17 | NA | NA | 0 | 0 | |
| 13-03-2019 | 9 AM | 0 | 248 | 218 | 16 | NA | NA | 0 | 0 | |
| 13-03-2019 | 10 AM | 0 | 256 | 220 | 17 | NA | NA | 0 | 0 | |
| 13-03-2019 | 11 AM | 0 | 240 | 210 | 18 | NA | NA | 0 | 0 | |
| 13-03-2019 | 12 PM | 0 | 236 | 205 | 30 | NA | NA | 0 | 0 | |
| 13-03-2019 | 1 PM | 0 | 253 | 212 | 23 | NA | NA | 0 | 0 | |
| 13-03-2019 | 2 PM | 0 | 257 | 210 | 18 | NA | NA | 0 | 0 | |
| 13-03-2019 | 3 PM | 0 | 238 | 198 | 17 | NA | NA | 0 | 0 | |
| 13-03-2019 | 4 PM | 0 | 201 | 191 | 21 | NA | NA | 0 | 0 | |
| 13-03-2019 | 5 PM | 0 | 201 | 193 | 20 | NA | NA | 0 | 0 | |
| 13-03-2019 | 6 PM | 0 | 204 | 191 | 19 | NA | NA | 0 | 0 | |
| 13-03-2019 | 7 PM | 0 | 201 | 185 | 19 | NA | NA | 0 | 0 | |
| 13-03-2019 | 8 PM | 0 | 196 | 183 | 20 | NA | NA | 0 | 0 | |
| 13-03-2019 | 9 PM | 0 | 191 | 178 | 49 | NA | NA | 0 | 0 | |
| 13-03-2019 | 10 PM | 0 | 209 | 184 | 60 | NA | NA | 0 | 0 | |
| 13-03-2019 | 11 PM | 0 | 193 | 181 | 28 | NA | NA | 0 | 0 | |
| 14-03-2019 | 12 AM | 0 | 231.5 | 186 | 20.5 | NA | NA | 0 | 0 | |
| 14-03-2019 | 1 AM | 0 | 191 | 182 | 20 | NA | NA | 0 | 0 | |
| 14-03-2019 | 2 AM | 0 | 194 | 186 | 19 | NA | NA | 0 | 0 | |

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|------------|-------|---|-----|-----|----|----|----|---|---|---|
| 14-03-2019 | 3 AM | 0 | 198 | 185 | 19 | NA | NA | 0 | 0 | |
| 14-03-2019 | 4 AM | 0 | 200 | 184 | 18 | NA | NA | 0 | 0 | |
| 14-03-2019 | 5 AM | 0 | 253 | 203 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 6 AM | 0 | 233 | 191 | 17 | NA | NA | 0 | 0 | |
| 14-03-2019 | 7 AM | 0 | 230 | 190 | 17 | NA | NA | 0 | 0 | |
| 14-03-2019 | 8 AM | 0 | 148 | 91 | 11 | NA | NA | 0 | 0 | |
| 14-03-2019 | 9 AM | 0 | 227 | 124 | 64 | NA | NA | 0 | 0 | |
| 14-03-2019 | 10 AM | 0 | 131 | 70 | 24 | NA | NA | 0 | 0 | |
| 14-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 1 PM | - | - | 1 | - | - | - | - | - | |
| 14-03-2019 | 2 PM | - | - | 1 | - | - | - | - | - | |
| 14-03-2019 | 3 PM | - | - | 1 | - | - | - | - | - | |
| 14-03-2019 | 4 PM | - | - | 1 | - | - | - | - | - | |
| 14-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 6 PM | - | - | ı | - | - | - | - | - | |
| 14-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 8 PM | - | - | ı | - | - | - | - | - | |
| 14-03-2019 | 9 PM | 8 | 52 | 41 | 14 | NA | NA | 0 | 0 | |
| 14-03-2019 | 10 PM | - | - | 1 | - | - | - | - | - | |
| 14-03-2019 | 11 PM | - | - | 1 | - | - | - | - | - | |
| 15-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 15-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|----|----|---|----|----|---|---|--|
| 15-03-2019 | 9 AM | 1 | 41 | 45 | 9 | NA | NA | 0 | 0 | |
| 15-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |

| 16-03-2019 2 PM 1 254 247 31 NA NA 0 0 16-03-2019 3 PM 0 238 238 57 NA NA 0 0 16-03-2019 5 PM 0 193 142 47 NA NA 0 0 16-03-2019 5 PM 0 273 173 29 NA NA 0 0 16-03-2019 6 PM 0 242 165 19 NA NA 0 0 16-03-2019 7 PM 0 236 171 16 NA NA 0 0 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 12 PM 0 224 158 17 NA NA 0 0 | 16-03-2019 | 1 PM | 0 | 96 | 101 | 22 | NA | NA | 0 | 0 | |
|---|------------|-------|---|-------|-----|------|----|----|---|---|--|
| 16-03-2019 3 PM 0 238 238 57 NA NA 0 0 16-03-2019 4 PM 0 193 142 47 NA NA 0 0 16-03-2019 6 PM 0 273 173 29 NA NA 0 0 16-03-2019 6 PM 0 242 165 19 NA NA 0 0 16-03-2019 7 PM 0 236 171 16 NA NA 0 0 0 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 0 16-03-2019 9 PM 0 240 173 17 NA NA 0 0 0 16-03-2019 10 PM 0 224 158 17 NA NA 0 0 0 17-03-2019 12 AM 0 175.5 131 19.5 <th></th> | | | | | | | | | | | |
| 16-03-2019 | | | | | | | | | | | |
| 16-03-2019 5 PM 0 273 173 29 NA NA 0 0 16-03-2019 6 PM 0 242 165 19 NA NA 0 0 16-03-2019 7 PM 0 236 171 16 NA NA 0 0 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 16-03-2019 9 PM 0 246 171 17 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 1 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 </th <th></th> | | | | | | | | | | | |
| 16-03-2019 6 PM 0 242 165 19 NA NA 0 0 16-03-2019 7 PM 0 236 171 16 NA NA 0 0 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 16-03-2019 9 PM 0 240 173 17 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 </th <th></th> | | | | | | | | | | | |
| 16-03-2019 7 PM 0 236 171 16 NA NA 0 0 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 16-03-2019 9 PM 0 240 173 17 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 17-03-2019 1 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 240 166 25 NA NA 0 0< | | | | | | | | | | | |
| 16-03-2019 8 PM 0 244 175 16 NA NA 0 0 16-03-2019 9 PM 0 240 173 17 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 240 166 25 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0< | | | | | | | | | _ | | |
| 16-03-2019 9 PM 0 240 173 17 NA NA 0 0 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 2240 166 25 NA NA 0 0 17-03-2019 5 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0< | | | | | | | | | | _ | |
| 16-03-2019 10 PM 0 246 171 17 NA NA 0 0 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 240 166 25 NA NA 0 0 17-03-2019 4 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA NA 0 0 17-03-2019 5 AM 0 251 173 16 NA NA N | | | | | | | | | | | |
| 16-03-2019 11 PM 0 224 158 17 NA NA 0 0 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 240 166 25 NA NA 0 0 17-03-2019 4 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 5 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 </th <th>16-03-2019</th> <th>9 PM</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> | 16-03-2019 | 9 PM | | | | | | | | | |
| 17-03-2019 12 AM 0 175.5 131 19.5 NA NA 0 0 17-03-2019 1 AM 0 205 148 18 NA NA 0 0 17-03-2019 2 AM 0 226 161 19 NA NA 0 0 17-03-2019 3 AM 0 240 166 25 NA NA 0 0 17-03-2019 4 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 5 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 <th>16-03-2019</th> <th>10 PM</th> <th>0</th> <th></th> <th></th> <th></th> <th></th> <th>NA</th> <th></th> <th></th> <th></th> | 16-03-2019 | 10 PM | 0 | | | | | NA | | | |
| 17-03-2019 | 16-03-2019 | 11 PM | 0 | 224 | 158 | 17 | NA | NA | 0 | 0 | |
| 17-03-2019 | 17-03-2019 | 12 AM | 0 | 175.5 | 131 | 19.5 | NA | NA | 0 | 0 | |
| 17-03-2019 3 AM 0 240 166 25 NA NA 0 0 17-03-2019 4 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 5 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA NA | 17-03-2019 | 1 AM | 0 | 205 | 148 | 18 | NA | NA | 0 | 0 | |
| 17-03-2019 4 AM 0 229 163 19 NA NA 0 0 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 6 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 9 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA | 17-03-2019 | 2 AM | 0 | 226 | 161 | 19 | NA | NA | 0 | 0 | |
| 17-03-2019 5 AM 0 240 168 17 NA NA 0 0 17-03-2019 6 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA NA 0 0 17-03-2019 1 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 | 17-03-2019 | 3 AM | 0 | 240 | 166 | 25 | NA | NA | 0 | 0 | |
| 17-03-2019 6 AM 0 251 173 16 NA NA 0 0 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 | 17-03-2019 | 4 AM | 0 | 229 | 163 | 19 | NA | NA | 0 | 0 | |
| 17-03-2019 7 AM 0 257 180 17 NA NA 0 0 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA | 17-03-2019 | 5 AM | 0 | 240 | 168 | 17 | NA | NA | 0 | 0 | |
| 17-03-2019 8 AM 0 259 182 17 NA NA 0 0 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | 17-03-2019 | 6 AM | 0 | 251 | 173 | 16 | NA | NA | 0 | 0 | |
| 17-03-2019 9 AM 0 257 183 17 NA NA 0 0 17-03-2019 10 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | 17-03-2019 | 7 AM | 0 | 257 | 180 | 17 | NA | NA | 0 | 0 | |
| 17-03-2019 10 AM 0 272 185 16 NA NA 0 0 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | 17-03-2019 | 8 AM | 0 | 259 | 182 | 17 | NA | NA | 0 | 0 | |
| 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | 17-03-2019 | 9 AM | 0 | 257 | 183 | 17 | NA | NA | 0 | 0 | |
| 17-03-2019 11 AM 0 175 114 9 NA NA 0 0 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | 17-03-2019 | 10 AM | 0 | 272 | 185 | 16 | NA | NA | 0 | 0 | |
| 17-03-2019 12 PM 0 277 179 15 NA NA NA 0 0 17-03-2019 1 PM 0 112 64 13 NA NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | | | 0 | 175 | 114 | 9 | NA | NA | 0 | 0 | |
| 17-03-2019 1 PM 0 112 64 13 NA NA 0 0 17-03-2019 2 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | | | 0 | 277 | 179 | 15 | NA | NA | 0 | 0 | |
| 17-03-2019 2 PM 0 38 14 1 NA NA 0 0 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | | | 0 | 112 | 64 | 13 | NA | NA | 0 | 0 | |
| 17-03-2019 3 PM 0 36 13 0 NA NA 0 0 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | | | 0 | 38 | 14 | 1 | NA | NA | 0 | 0 | |
| 17-03-2019 4 PM 0 22 2 0 NA NA 0 0 | | | 0 | 36 | 13 | 0 | NA | NA | 0 | 0 | |
| | | | 0 | 22 | 2 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 17-03-2019 | 5 PM | 0 | 33 | 12 | 0 | NA | NA | 0 | 0 | |

| 17-03-2019 | 6 PM | 0 | 33 | 12 | 0 | NA | NA | 0 | 0 | |
|------------|----------|---|-----|-----|-----|----------|----------|---|---|--|
| 17-03-2019 | 7 PM | 0 | 21 | 2 | 0 | NA NA | NA NA | 0 | 0 | |
| | | 0 | 32 | 11 | 0 | NA NA | NA NA | 0 | 0 | |
| 17-03-2019 | 8 PM | | 33 | | | | | | | |
| 17-03-2019 | 9 PM | 0 | | 11 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 10 PM | 0 | 119 | 67 | 32 | NA | NA | 0 | 0 | |
| 17-03-2019 | 11 PM | 0 | 179 | 99 | 80 | NA | NA | 0 | 0 | |
| 18-03-2019 | 12 AM | 0 | 226 | 129 | 51 | NA | NA | 0 | 0 | |
| 18-03-2019 | 1 AM | 0 | 216 | 130 | 26 | NA | NA | 0 | 0 | |
| 18-03-2019 | 2 AM | 0 | 156 | 88 | 12 | NA | NA | 0 | 0 | |
| 18-03-2019 | 3 AM | 0 | 145 | 87 | 13 | NA | NA | 0 | 0 | |
| 18-03-2019 | 4 AM | 0 | 258 | 149 | 20 | NA | NA | 0 | 0 | |
| 18-03-2019 | 5 AM | 0 | 256 | 148 | 20 | NA | NA | 0 | 0 | |
| 18-03-2019 | 6 AM | 0 | 262 | 149 | 20 | NA | NA | 0 | 0 | |
| 18-03-2019 | 7 AM | 0 | 268 | 152 | 21 | NA | NA | 0 | 0 | |
| 18-03-2019 | 8 AM | 0 | 119 | 61 | 6 | NA | NA | 0 | 0 | |
| 18-03-2019 | 9 AM | 0 | 267 | 152 | 20 | NA | NA | 0 | 0 | |
| 18-03-2019 | 10 AM | 0 | 180 | 97 | 12 | NA | NA | 0 | 0 | |
| 18-03-2019 | 11 AM | 0 | 272 | 152 | 21 | NA | NA | 0 | 0 | |
| 18-03-2019 | 12 PM | 0 | 269 | 152 | 21 | NA | NA | 0 | 0 | |
| 18-03-2019 | 1 PM | 0 | 271 | 152 | 28 | NA | NA | 0 | 0 | |
| 18-03-2019 | 2 PM | 0 | 266 | 150 | 55 | NA | NA | 0 | 0 | |
| 18-03-2019 | 3 PM | 0 | 125 | 62 | 12 | NA | NA | 0 | 0 | |
| 18-03-2019 | 4 PM | 0 | 273 | 149 | 25 | NA | NA | 0 | 0 | |
| 18-03-2019 | 5 PM | 0 | 117 | 53 | 7 | NA | NA | 0 | 0 | |
| 18-03-2019 | 6 PM | 0 | 252 | 131 | 22 | NA | NA | 0 | 0 | |
| 18-03-2019 | 7 PM | 0 | 263 | 137 | 22 | NA | NA | 0 | 0 | |
| 18-03-2019 | 8 PM | 0 | 260 | 139 | 22 | NA | NA | 0 | 0 | |
| 18-03-2019 | 9 PM | 0 | 265 | 136 | 23 | NA | NA | 0 | 0 | |
| 18-03-2019 | 10 PM | 0 | 170 | 77 | 13 | NA | NA | 0 | 0 | |
| 10-03-2013 | 10 1 101 | Ü | 1,0 | ,, | 1.5 | 14/1 | 14/1 | Ŭ | | |

| 18-03-2019 | 11 PM | 0 | 210 | 94 | 23 | NA | NA | 0 | 0 | |
|------------|-------|---|-------|-----|------|----|----|---|---|--|
| 19-03-2019 | 12 AM | 0 | 160.5 | 70 | 55.5 | NA | NA | 0 | 0 | |
| 19-03-2019 | 1 AM | 0 | 230 | 106 | 70 | NA | NA | 0 | 0 | |
| 19-03-2019 | 2 AM | 0 | 254 | 125 | 32 | NA | NA | 0 | 0 | |
| 19-03-2019 | 3 AM | 0 | 235 | 128 | 25 | NA | NA | 0 | 0 | |
| 19-03-2019 | 4 AM | 0 | 222 | 130 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 5 AM | 0 | 216 | 133 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 6 AM | 0 | 204 | 134 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 7 AM | 0 | 206 | 140 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 8 AM | 0 | 212 | 148 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 9 AM | 0 | 214 | 153 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 10 AM | 0 | 222 | 162 | 21 | NA | NA | 0 | 0 | |
| 19-03-2019 | 11 AM | 0 | 221 | 164 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 12 PM | 0 | 224 | 167 | 44 | NA | NA | 0 | 0 | |
| 19-03-2019 | 1 PM | 0 | 259 | 181 | 47 | NA | NA | 0 | 0 | |
| 19-03-2019 | 2 PM | 0 | 247 | 178 | 27 | NA | NA | 0 | 0 | |
| 19-03-2019 | 3 PM | 0 | 250 | 172 | 22 | NA | NA | 0 | 0 | |
| 19-03-2019 | 4 PM | 0 | 252 | 148 | 21 | NA | NA | 0 | 0 | |
| 19-03-2019 | 5 PM | 0 | 233 | 143 | 23 | NA | NA | 0 | 0 | |
| 19-03-2019 | 6 PM | 0 | 224 | 127 | 24 | NA | NA | 0 | 0 | |
| 19-03-2019 | 7 PM | 0 | 203 | 118 | 25 | NA | NA | 0 | 0 | |
| 19-03-2019 | 8 PM | 0 | 196 | 113 | 26 | NA | NA | 0 | 0 | |
| 19-03-2019 | 9 PM | 0 | 172 | 95 | 39 | NA | NA | 0 | 0 | |
| 19-03-2019 | 10 PM | 0 | 168 | 94 | 96 | NA | NA | 0 | 0 | |
| 19-03-2019 | 11 PM | 0 | 187 | 111 | 108 | NA | NA | 0 | 0 | |
| 20-03-2019 | 12 AM | 0 | 149.5 | 97 | 49 | NA | NA | 0 | 0 | |
| 20-03-2019 | 1 AM | 0 | 148 | 97 | 29 | NA | NA | 0 | 0 | |
| 20-03-2019 | 2 AM | 0 | 169 | 114 | 26 | NA | NA | 0 | 0 | |
| 20-03-2019 | 3 AM | 0 | 187 | 131 | 24 | NA | NA | 0 | 0 | |

| | | _ | 4.40 | 446 | | | | | | |
|------------|-------|---|-------|-------|----|----|----|---|---|--|
| 20-03-2019 | 4 AM | 0 | 148 | 116 | 25 | NA | NA | 0 | 0 | |
| 20-03-2019 | 5 AM | 0 | 143 | 118 | 26 | NA | NA | 0 | 0 | |
| 20-03-2019 | 6 AM | 0 | 143 | 121 | 26 | NA | NA | 0 | 0 | |
| 20-03-2019 | 7 AM | 0 | 158 | 135 | 25 | NA | NA | 0 | 0 | |
| 20-03-2019 | 8 AM | 0 | 251 | 183 | 21 | NA | NA | 0 | 0 | |
| 20-03-2019 | 9 AM | 0 | 267 | 189 | 40 | NA | NA | 0 | 0 | |
| 20-03-2019 | 10 AM | 0 | 206 | 154 | 74 | NA | NA | 0 | 0 | |
| 20-03-2019 | 11 AM | 0 | 209 | 155 | 34 | NA | NA | 0 | 0 | |
| 20-03-2019 | 12 PM | 0 | 194 | 150 | 27 | NA | NA | 0 | 0 | |
| 20-03-2019 | 1 PM | 0 | 156 | 135 | 26 | NA | NA | 0 | 0 | |
| 20-03-2019 | 2 PM | 0 | 157 | 140 | 25 | NA | NA | 0 | 0 | |
| 20-03-2019 | 3 PM | 0 | 165 | 147 | 23 | NA | NA | 0 | 0 | |
| 20-03-2019 | 4 PM | 0 | 192 | 153 | 23 | NA | NA | 0 | 0 | |
| 20-03-2019 | 5 PM | 0 | 211 | 133 | 25 | NA | NA | 0 | 0 | |
| 20-03-2019 | 6 PM | 0 | 184 | 116 | 27 | NA | NA | 0 | 0 | |
| 20-03-2019 | 7 PM | 0 | 169 | 103 | 26 | NA | NA | 0 | 0 | |
| 20-03-2019 | 8 PM | 0 | 157 | 90 | 56 | NA | NA | 0 | 0 | |
| 20-03-2019 | 9 PM | 0 | 200 | 96 | 79 | NA | NA | 0 | 0 | |
| 20-03-2019 | 10 PM | 0 | 195 | 91 | 37 | NA | NA | 0 | 0 | |
| 20-03-2019 | 11 PM | 0 | 169 | 77 | 29 | NA | NA | 0 | 0 | |
| 21-03-2019 | 12 AM | 0 | 137.5 | 108.5 | 27 | NA | NA | 0 | 0 | |
| 21-03-2019 | 1 AM | 0 | 122 | 129 | 28 | NA | NA | 0 | 0 | |
| 21-03-2019 | 2 AM | 0 | 124 | 151 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 3 AM | 0 | 146 | 164 | 27 | NA | NA | 0 | 0 | |
| 21-03-2019 | 4 AM | 0 | 132 | 163 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 5 AM | 0 | 133 | 172 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 6 AM | 0 | 134 | 177 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 7 AM | 0 | 121 | 177 | 25 | NA | NA | 0 | 0 | |
| 21-03-2019 | 8 AM | 0 | 121 | 196 | 25 | NA | NA | 0 | 0 | |

| | | ^ | 426 | 207 | 22 | 1 | | | 1 0 | |
|------------|-------|---|-------|-----|------|----|----|---|-----|--|
| 21-03-2019 | 9 AM | 0 | 126 | 207 | 33 | NA | NA | 0 | 0 | |
| 21-03-2019 | 10 AM | 0 | 137 | 200 | 34 | NA | NA | 0 | 0 | |
| 21-03-2019 | 11 AM | 0 | 119 | 195 | 27 | NA | NA | 0 | 0 | |
| 21-03-2019 | 12 PM | 0 | 112 | 196 | 25 | NA | NA | 0 | 0 | |
| 21-03-2019 | 1 PM | 0 | 111 | 201 | 25 | NA | NA | 0 | 0 | |
| 21-03-2019 | 2 PM | 0 | 135 | 220 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 3 PM | 0 | 168 | 234 | 25 | NA | NA | 0 | 0 | |
| 21-03-2019 | 4 PM | 0 | 163 | 226 | 25 | NA | NA | 0 | 0 | |
| 21-03-2019 | 5 PM | 0 | 180 | 232 | 24 | NA | NA | 0 | 0 | |
| 21-03-2019 | 6 PM | 0 | 197 | 243 | 23 | NA | NA | 0 | 0 | |
| 21-03-2019 | 7 PM | 0 | 149 | 219 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 8 PM | 0 | 173 | 229 | 28 | NA | NA | 0 | 0 | |
| 21-03-2019 | 9 PM | 0 | 171 | 227 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 10 PM | 0 | 138 | 213 | 26 | NA | NA | 0 | 0 | |
| 21-03-2019 | 11 PM | 0 | 157 | 208 | 25 | NA | NA | 0 | 0 | |
| 22-03-2019 | 12 AM | 0 | 145.5 | 219 | 25.5 | NA | NA | 0 | 0 | |
| 22-03-2019 | 1 AM | 0 | 178 | 127 | 28 | NA | NA | 0 | 0 | |
| 22-03-2019 | 2 AM | 0 | 161 | 113 | 27 | NA | NA | 0 | 0 | |
| 22-03-2019 | 3 AM | 0 | 151 | 88 | 28 | NA | NA | 0 | 0 | |
| 22-03-2019 | 4 AM | 0 | 146 | 77 | 30 | NA | NA | 0 | 0 | |
| 22-03-2019 | 5 AM | 0 | 117 | 60 | 30 | NA | NA | 0 | 0 | |
| 22-03-2019 | 6 AM | 0 | 125 | 63 | 30 | NA | NA | 0 | 0 | |
| 22-03-2019 | 7 AM | 0 | 122 | 63 | 46 | NA | NA | 0 | 0 | |
| 22-03-2019 | 8 AM | 0 | 155 | 93 | 31 | NA | NA | 0 | 0 | |
| 22-03-2019 | 9 AM | 0 | 210 | 128 | 28 | NA | NA | 0 | 0 | |
| 22-03-2019 | 10 AM | 0 | 204 | 136 | 26 | NA | NA | 0 | 0 | |
| 22-03-2019 | 11 AM | 0 | 238 | 159 | 25 | NA | NA | 0 | 0 | |
| 22-03-2019 | 12 PM | 0 | 236 | 160 | 26 | NA | NA | 0 | 0 | |
| 22-03-2019 | 1 PM | 0 | 196 | 123 | 25 | NA | NA | 0 | 0 | |

| 22 22 2242 | 2.514 | 1 | 264 | 120 | 27 | NIA | NIA | | | |
|------------|-------|---|-------|-------|------|-----|-----|---|---|--|
| 22-03-2019 | 2 PM | 1 | 264 | 138 | 27 | NA | NA | 0 | 0 | |
| 22-03-2019 | 3 PM | 1 | 275 | 140 | 29 | NA | NA | 0 | 0 | |
| 22-03-2019 | 4 PM | 2 | 246 | 195 | 17 | NA | NA | 0 | 0 | |
| 22-03-2019 | 5 PM | 1 | 229 | 210 | 15 | NA | NA | 0 | 0 | |
| 22-03-2019 | 6 PM | 1 | 235 | 229 | 19 | NA | NA | 0 | 0 | |
| 22-03-2019 | 7 PM | 1 | 263 | 226 | 46 | NA | NA | 0 | 0 | |
| 22-03-2019 | 8 PM | 1 | 205 | 198 | 35 | NA | NA | 0 | 0 | |
| 22-03-2019 | 9 PM | 1 | 236 | 235 | 26 | NA | NA | 0 | 0 | |
| 22-03-2019 | 10 PM | 1 | 248 | 252 | 22 | NA | NA | 0 | 0 | |
| 22-03-2019 | 11 PM | 1 | 243 | 254 | 23 | NA | NA | 0 | 0 | |
| 23-03-2019 | 12 AM | 1 | 199.5 | 236.5 | 22.5 | NA | NA | 0 | 0 | |
| 23-03-2019 | 1 AM | 1 | 223 | 247 | 22 | NA | NA | 0 | 0 | |
| 23-03-2019 | 2 AM | 1 | 244 | 257 | 22 | NA | NA | 0 | 0 | |
| 23-03-2019 | 3 AM | 1 | 250 | 261 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 4 AM | 1 | 256 | 263 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 5 AM | 1 | 255 | 267 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 6 AM | 1 | 243 | 261 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 7 AM | 1 | 243 | 263 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 8 AM | 1 | 238 | 261 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 9 AM | 1 | 241 | 263 | 23 | NA | NA | 0 | 0 | |
| 23-03-2019 | 10 AM | 1 | 248 | 268 | 24 | NA | NA | 0 | 0 | |
| 23-03-2019 | 11 AM | 1 | 259 | 268 | 48 | NA | NA | 0 | 0 | |
| 23-03-2019 | 12 PM | 1 | 275 | 271 | 100 | NA | NA | 0 | 0 | |
| 23-03-2019 | 1 PM | 1 | 285 | 271 | 129 | NA | NA | 0 | 0 | |
| 23-03-2019 | 2 PM | 1 | 292 | 270 | 149 | NA | NA | 0 | 0 | |
| 23-03-2019 | 3 PM | 1 | 296 | 264 | 89 | NA | NA | 0 | 0 | |
| 23-03-2019 | 4 PM | 1 | 269 | 246 | 36 | NA | NA | 0 | 0 | |
| 23-03-2019 | 5 PM | 1 | 248 | 248 | 52 | NA | NA | 0 | 0 | |
| 23-03-2019 | 6 PM | 1 | 264 | 261 | 42 | NA | NA | 0 | 0 | |

| 23-03-2019 | 7 PM | 1 | 264 | 261 | 28 | NA | NA | 0 | 0 | |
|-------------|---------|-------|-----|-------|------|----------|----------|---|---|--|
| 23-03-2019 | 8 PM | 1 | 261 | 266 | 24 | NA NA | NA NA | 0 | 0 | |
| | | 1 | 253 | 262 | 20 | NA NA | NA NA | 0 | 0 | |
| 23-03-2019 | 9 PM | | | | 21 | | | | | |
| 23-03-2019 | 10 PM | 1 | 257 | 261 | | NA | NA | 0 | 0 | |
| 23-03-2019 | 11 PM | 1 | 229 | 241 | 24 | NA | NA | 0 | 0 | |
| 24-03-2019 | 12 AM | 0.5 | 171 | 259.5 | 24.5 | NA | NA | 0 | 0 | |
| 24-03-2019 | 1 AM | 0 | 180 | 202 | 28 | NA | NA | 0 | 0 | |
| 24-03-2019 | 2 AM | 0 | 142 | 179 | 27 | NA | NA | 0 | 0 | |
| 24-03-2019 | 3 AM | 0 | 171 | 230 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 4 AM | 0 | 148 | 206 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 5 AM | 0 | 151 | 210 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 6 AM | 0 | 139 | 206 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 7 AM | 0 | 137 | 205 | 33 | NA | NA | 0 | 0 | |
| 24-03-2019 | 8 AM | 0 | 153 | 215 | 37 | NA | NA | 0 | 0 | |
| 24-03-2019 | 9 AM | 0 | 137 | 212 | 28 | NA | NA | 0 | 0 | |
| 24-03-2019 | 10 AM | 0 | 133 | 213 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 11 AM | 0 | 141 | 219 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 12 PM | 0 | 141 | 220 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 1 PM | 0 | 141 | 220 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 2 PM | 0 | 144 | 222 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 3 PM | 0 | 149 | 225 | 24 | NA | NA | 0 | 0 | |
| 24-03-2019 | 4 PM | 0 | 166 | 234 | 24 | NA | NA | 0 | 0 | |
| 24-03-2019 | 5 PM | 0 | 173 | 235 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 6 PM | 0 | 162 | 230 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 7 PM | 0 | 168 | 230 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 8 PM | 0 | 165 | 231 | 26 | NA | NA | 0 | 0 | |
| 24-03-2019 | 9 PM | 0 | 151 | 219 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 10 PM | 0 | 175 | 236 | 25 | NA | NA | 0 | 0 | |
| 24-03-2019 | 11 PM | 0 | 186 | 240 | 24 | NA | NA | 0 | 0 | |
| 2-7-03-2013 | TT IA | · · · | 100 | 0 | - ' | | | | | |

| 25-03-2019 | 12 AM | 0 | 131.5 | 207 | 24 | NA | NA | 0 | 0 | |
|------------|-------|---|-------|-----|------|----------|----------|---|---|--|
| 25-03-2019 | 1 AM | 0 | 172 | 232 | 25 | NA | NA | 0 | 0 | |
| 25-03-2019 | 2 AM | 0 | 200 | 245 | 23 | NA | NA | 0 | 0 | |
| 25-03-2019 | 3 AM | 0 | 202 | 248 | 22 | NA | NA | 0 | 0 | |
| 25-03-2019 | 4 AM | 0 | 238 | 256 | 22 | NA NA | NA NA | 0 | 0 | |
| | | 0 | 235 | 247 | 25 | NA NA | NA NA | 0 | 0 | |
| 25-03-2019 | 5 AM | 0 | 215 | 238 | 25 | NA NA | NA NA | 0 | 0 | |
| 25-03-2019 | 6 AM | 0 | 213 | 237 | 25 | NA NA | NA NA | 0 | 0 | |
| 25-03-2019 | 7 AM | | | | | | | | _ | |
| 25-03-2019 | 8 AM | 0 | 196 | 230 | 26 | NA NA | NA NA | 0 | 0 | |
| 25-03-2019 | 9 AM | 0 | 202 | 229 | 57 | NA NA | NA | 0 | _ | |
| 25-03-2019 | 10 AM | 0 | 213 | 232 | 49 | NA | NA | 0 | 0 | |
| 25-03-2019 | 11 AM | 0 | 204 | 234 | 29 | NA | NA | 0 | 0 | |
| 25-03-2019 | 12 PM | 0 | 216 | 242 | 25 | NA | NA | 0 | 0 | |
| 25-03-2019 | 1 PM | 0 | 189 | 232 | 25 | NA | NA | 0 | 0 | |
| 25-03-2019 | 2 PM | 0 | 168 | 218 | 26 | NA | NA | 0 | 0 | |
| 25-03-2019 | 3 PM | 0 | 180 | 226 | 24 | NA | NA | 0 | 0 | |
| 25-03-2019 | 4 PM | 0 | 179 | 229 | 26 | NA | NA | 0 | 0 | |
| 25-03-2019 | 5 PM | 0 | 232 | 251 | 24 | NA | NA | 0 | 0 | |
| 25-03-2019 | 6 PM | 0 | 213 | 238 | 65 | NA | NA | 0 | 0 | |
| 25-03-2019 | 7 PM | 0 | 264 | 249 | 70 | NA | NA | 0 | 0 | |
| 25-03-2019 | 8 PM | 0 | 252 | 245 | 42 | NA | NA | 0 | 0 | |
| 25-03-2019 | 9 PM | 0 | 228 | 234 | 31 | NA | NA | 0 | 0 | |
| 25-03-2019 | 10 PM | 0 | 221 | 227 | 26 | NA | NA | 0 | 0 | |
| 25-03-2019 | 11 PM | 0 | 220 | 223 | 26 | NA | NA | 0 | 0 | |
| 26-03-2019 | 12 AM | 0 | 170.5 | 190 | 28.5 | NA | NA | 0 | 0 | |
| 26-03-2019 | 1 AM | 0 | 196 | 197 | 31 | NA | NA | 0 | 0 | |
| 26-03-2019 | 2 AM | 0 | 212 | 202 | 30 | NA | NA | 0 | 0 | |
| 26-03-2019 | 3 AM | 0 | 187 | 190 | 31 | NA | NA | 0 | 0 | |
| 26-03-2019 | 4 AM | 0 | 188 | 201 | 31 | NA | NA | 0 | 0 | |

| 26-03-2019 | 5 AM | 0 | 207 | 208 | 80 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|-----|----|----|---|---|--|
| 26-03-2019 | 6 AM | 0 | 222 | 215 | 142 | NA | NA | 0 | 0 | |
| 26-03-2019 | 7 AM | 0 | 240 | 226 | 156 | NA | NA | 0 | 0 | |
| 26-03-2019 | 8 AM | 0 | 247 | 238 | 78 | NA | NA | 0 | 0 | |
| 26-03-2019 | 9 AM | 0 | 214 | 235 | 35 | NA | NA | 0 | 0 | |
| 26-03-2019 | 10 AM | 0 | 202 | 238 | 26 | NA | NA | 0 | 0 | |
| 26-03-2019 | 11 AM | 0 | 185 | 235 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 12 PM | 0 | 178 | 232 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 1 PM | 0 | 176 | 225 | 22 | NA | NA | 0 | 0 | |
| 26-03-2019 | 2 PM | 0 | 173 | 224 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 3 PM | 0 | 168 | 222 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 4 PM | 0 | 161 | 221 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 5 PM | 0 | 160 | 223 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 6 PM | 0 | 144 | 219 | 23 | NA | NA | 0 | 0 | |
| 26-03-2019 | 7 PM | 0 | 146 | 222 | 21 | NA | NA | 0 | 0 | |
| 26-03-2019 | 8 PM | 0 | 142 | 223 | 21 | NA | NA | 0 | 0 | |
| 26-03-2019 | 9 PM | 0 | 141 | 224 | 21 | NA | NA | 0 | 0 | |
| 26-03-2019 | 10 PM | 0 | 145 | 227 | 21 | NA | NA | 0 | 0 | |
| 26-03-2019 | 11 PM | 0 | 145 | 225 | 21 | NA | NA | 0 | 0 | |
| 27-03-2019 | 12 AM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 27-03-2019 | 1 AM | 0 | 168 | 246 | 43 | NA | NA | 0 | 0 | |
| 27-03-2019 | 2 AM | 0 | 151 | 225 | 32 | NA | NA | 0 | 0 | |
| 27-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |

| 27-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 27-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 28-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|---|---------------------------------------|
| 28-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 7 PM | - | 1 | - | - | 1 | - | - | - | |
| 28-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 12 AM | - | - | - | - | 1 | - | - | - | |
| 29-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 8 AM | - | - | - | - | 1 | - | - | - | |
| 29-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 10 AM | 3 | 101 | 152 | 44 | NA | NA | 0 | 0 | |
| 29-03-2019 | 11 AM | - | 1 | - | - | 1 | - | - | - | |
| 29-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 6 PM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| | | 0 | 71 | 141 | 44 | NA | NA | 0 | 0 | · · · · · · · · · · · · · · · · · · · |

| 29-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 29-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 30-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 24 02 2010 | 1 004 | - | - | - | - | - | _ | - | _ | |
|------------|-------|---|-----|-----|----|----|----|---|---|--|
| 31-03-2019 | 1 AM | | | | - | | - | | - | |
| 31-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 4 AM | 0 | 13 | 17 | 0 | NA | NA | 0 | 0 | |
| 31-03-2019 | 5 AM | 0 | 20 | 39 | 2 | NA | NA | 0 | 0 | |
| 31-03-2019 | 6 AM | 0 | 25 | 41 | 1 | NA | NA | 0 | 0 | |
| 31-03-2019 | 7 AM | 1 | 75 | 79 | 8 | NA | NA | 0 | 0 | |
| 31-03-2019 | 8 AM | 0 | 48 | 57 | 4 | NA | NA | 0 | 0 | |
| 31-03-2019 | 9 AM | 0 | 86 | 84 | 10 | NA | NA | 0 | 0 | |
| 31-03-2019 | 10 AM | 0 | 155 | 135 | 22 | NA | NA | 0 | 0 | |
| 31-03-2019 | 11 AM | 0 | 253 | 188 | 35 | NA | NA | 0 | 0 | |
| 31-03-2019 | 12 PM | 0 | 149 | 114 | 21 | NA | NA | 0 | 0 | |
| 31-03-2019 | 1 PM | 0 | 259 | 178 | 36 | NA | NA | 0 | 0 | |
| 31-03-2019 | 2 PM | 0 | 238 | 156 | 32 | NA | NA | 0 | 0 | |
| 31-03-2019 | 3 PM | 0 | 17 | 15 | 1 | NA | NA | 0 | 0 | |
| 31-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 7 PM | 1 | 21 | 20 | 17 | NA | NA | 0 | 0 | |
| 31-03-2019 | 8 PM | 0 | 130 | 88 | 44 | NA | NA | 0 | 0 | |
| 31-03-2019 | 9 PM | 0 | 219 | 143 | 43 | NA | NA | 0 | 0 | |
| 31-03-2019 | 10 PM | 0 | 216 | 147 | 34 | NA | NA | 0 | 0 | |
| 31-03-2019 | 11 PM | 0 | 215 | 138 | 33 | NA | NA | 0 | 0 | |

Annex G4

Hourly Average of Parameters Measured in CHP 3

| | | | | CI | HP 3 Hourly Av | erage (mg/Nn | n³) | | | |
|------------|-------|------|----|-----|----------------------|--------------------|-------------------------------|-----|----|---------|
| | | | | | Note: "-" represents | non-operating hour | | | | |
| Date | Hour | Dust | со | NOx | SO2 | NMVOCs | VOC (including methane) | HCL | HF | Remarks |
| 01-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 AM | - | _ | _ | _ | _ | _ | _ | _ | |
| 01-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 AM | 1 | - | - | - | - | - | - | - | |
| 01-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |

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|------------|-------|---|---|---|---|---|---|---|---|--|
| 02-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 AM | - | _ | - | - | - | - | - | - | |
| 03-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
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|------------|-------|---|---|---|---|---|---|---|---|--|
| 03-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
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| 04-03-2019 | | | | | | | | | | | |
|---|------------|-------|---|---|---|---|---|---|---|---|--|
| 04-03-2019 | | | | - | | | | - | | - | |
| 04-03-2019 | 04-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 3 PM - < | 04-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 4 PM - < | 04-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 5 PM - < | 04-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 6 PM - < | 04-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 7 PM - < | 04-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 8 PM - < | 04-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 9 PM - < | 04-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 10 PM - | 04-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 11 PM - | 04-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 1 2 AM - | 04-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 1 AM - < | 04-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 2 AM - < | 05-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 3 AM - < | 05-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 4 AM - < | 05-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 5 AM - < | 05-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 6 AM - < | 05-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 7 AM - < | 05-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 8 AM - < | 05-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 9 AM - < | 05-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 10 AM - | 05-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 11 AM - | 05-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 12 PM - | 05-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 1 PM - < | 05-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 2 PM | 05-03-2019 | 12 PM | - | _ | - | - | - | - | - | - | |
| | 05-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 3 PM | 05-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| | 05-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |

| 05-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
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| 05-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
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| 06-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 5 PM | - | _ | - | - | - | - | - | - | |
| 06-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
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| 06-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
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| 07-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
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| 07-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
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| 07-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
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| 07-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
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| 08-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
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| 08-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 3 AM | 1 | 121 | 447 | 19 | NA | NA | 0 | 1 | |
| 09-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
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| 09-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
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| 09-03-2019 | 8 AM | - | 1 | - | - | - | - | 1 | - | |
| 09-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 11 PM | 1 | 219 | 320 | 35 | NA | NA | 0 | 1 | |
| 10-03-2019 | 12 AM | 3 | 163 | 246 | 25 | NA | NA | 0 | 0 | |
| 10-03-2019 | 1 AM | 3 | 206 | 208 | 20 | NA | NA | 0 | 0 | |
| 10-03-2019 | 2 AM | 3 | 233 | 215 | 17 | NA | NA | 0 | 0 | |
| 10-03-2019 | 3 AM | 2 | 215 | 206 | 18 | NA | NA | 0 | 0 | |
| 10-03-2019 | 4 AM | 2 | 209 | 205 | 19 | NA | NA | 0 | 0 | |
| 10-03-2019 | 5 AM | 2 | 209 | 202 | 19 | NA | NA | 0 | 0 | |
| 10-03-2019 | 6 AM | 2 | 227 | 203 | 19 | NA | NA | 0 | 0 | |
| 10-03-2019 | 7 AM | 2 | 243 | 206 | 18 | NA | NA | 0 | 0 | |
| 10-03-2019 | 8 AM | 2 | 234 | 204 | 19 | NA | NA | 0 | 0 | |
| 10-03-2019 | 9 AM | 2 | 215 | 198 | 30 | NA | NA | 0 | 0 | |
| 10-03-2019 | 10 AM | 2 | 224 | 195 | 85 | NA | NA | 0 | 0 | |
| 10-03-2019 | 11 AM | 2 | 249 | 198 | 83 | NA | NA | 0 | 0 | |

| 10-03-2019 | 12 PM | 2 | 232 | 198 | 38 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|----|----------|----------|---|-----|-----|
| | | 3 | 283 | 216 | 25 | NA NA | NA NA | 0 | 0 | |
| 10-03-2019 | 1 PM | | | | | | | | _ | |
| 10-03-2019 | 2 PM | 3 | 278 | 185 | 20 | NA | NA | 0 | 0.5 | |
| 10-03-2019 | 3 PM | 1 | 191 | 145 | 18 | NA | NA | 0 | 0 | |
| 10-03-2019 | 4 PM | 1 | 191 | 145 | 18 | NA | NA | 0 | 0 | |
| 10-03-2019 | 5 PM | 1 | 187 | 162 | 17 | NA | NA | 0 | 0 | |
| 10-03-2019 | 6 PM | 1 | 187 | 206 | 16 | NA | NA | 0 | 0 | |
| 10-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
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| 11-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
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| 11-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
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| 11-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 7 PM | - | - | - | - | 1 | - | - | - | |
| 11-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
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| 11-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 6 AM | 1 | 168 | 586 | 17 | NA | NA | 0 | 1 | |
| 12-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 10 AM | - | - | - | - | 1 | - | - | - | |
| 12-03-2019 | 11 AM | - | - | - | - | 1 | - | - | - | |
| 12-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 1 PM | - | - | - | - | 1 | - | - | - | |
| 12-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |
| 12-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |

| 12-03-2019 | 10 PM | 0 | 39 | 441 | 1 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|----|----|----|---|-----|--|
| 12-03-2019 | 11 PM | 0 | 43 | 27 | 0 | NA | NA | 0 | 0 | |
| 13-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 4 PM | 2 | 181 | 323 | 15 | NA | NA | 0 | 0.5 | |
| 13-03-2019 | 5 PM | 2 | 191 | 213 | 15 | NA | NA | 0 | 0 | |
| 13-03-2019 | 6 PM | 2 | 195 | 209 | 15 | NA | NA | 0 | 0 | |
| 13-03-2019 | 7 PM | 1 | 194 | 204 | 14 | NA | NA | 0 | 0 | |
| 13-03-2019 | 8 PM | 1 | 189 | 205 | 15 | NA | NA | 0 | 0 | |
| 13-03-2019 | 9 PM | 1 | 186 | 202 | 53 | NA | NA | 0 | 0 | |
| 13-03-2019 | 10 PM | 2 | 201 | 203 | 68 | NA | NA | 0 | 0 | |
| 13-03-2019 | 11 PM | 1 | 189 | 200 | 27 | NA | NA | 0 | 0 | |
| 14-03-2019 | 12 AM | 1 | 181 | 893 | 18 | NA | NA | 0 | 0.5 | |
| 14-03-2019 | 1 AM | 1 | 184 | 202 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 2 AM | 1 | 189 | 206 | 15 | NA | NA | 0 | 0 | |

| 14-03-2019 | 3 AM | 1 | 192 | 205 | 15 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|-----|----|----|---|-----|--|
| 14-03-2019 | 4 AM | 1 | 189 | 201 | 15 | NA | NA | 0 | 0 | |
| 14-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 8 AM | 0 | 61 | 201 | 4 | NA | NA | 0 | 0 | |
| 14-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 10 AM | 1 | 111 | 56 | 12 | NA | NA | 0 | 0 | |
| 14-03-2019 | 11 AM | 2 | 278 | 144 | 21 | NA | NA | 0 | 0 | |
| 14-03-2019 | 12 PM | 2 | 266 | 134 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 1 PM | 2 | 267 | 136 | 14 | NA | NA | 0 | 0 | |
| 14-03-2019 | 2 PM | 2 | 285 | 143 | 15 | NA | NA | 0 | 0 | |
| 14-03-2019 | 3 PM | 2 | 297 | 141 | 15 | NA | NA | 0 | 0 | |
| 14-03-2019 | 4 PM | 2 | 294 | 138 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 5 PM | 2 | 294 | 137 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 6 PM | 2 | 291 | 133 | 16 | NA | NA | 0 | 0 | |
| 14-03-2019 | 7 PM | 2 | 272 | 123 | 36 | NA | NA | 0 | 0 | |
| 14-03-2019 | 8 PM | 2 | 286 | 125 | 111 | NA | NA | 0 | 0 | |
| 14-03-2019 | 9 PM | 1 | 76 | 33 | 34 | NA | NA | 0 | 0 | |
| 14-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 11 PM | - | - | - | - | - | - | • | - | |
| 15-03-2019 | 12 AM | - | - | - | - | - | - | • | - | |
| 15-03-2019 | 1 AM | - | - | - | - | - | - | • | - | |
| 15-03-2019 | 2 AM | 1 | 109 | 935 | 5 | NA | NA | 0 | 1 | |
| 15-03-2019 | 3 AM | 1 | 193 | 120 | 13 | NA | NA | 0 | 0.5 | |
| 15-03-2019 | 4 AM | 2 | 272 | 121 | 15 | NA | NA | 0 | 0 | |
| 15-03-2019 | 5 AM | 2 | 280 | 125 | 15 | NA | NA | 0 | 0 | |
| 15-03-2019 | 6 AM | 2 | 266 | 118 | 15 | NA | NA | 0 | 0 | |
| 15-03-2019 | 7 AM | 2 | 276 | 123 | 15 | NA | NA | 0 | 0 | |

| 15-03-2019 | 8 AM | 2 | 272 | 124 | 15 | NA | NA | 0 | 0 | |
|------------|-------|---|-----|-----|----|----|----|---|-----|--|
| 15-03-2019 | 9 AM | 2 | 226 | 130 | 17 | NA | NA | 0 | 0.5 | |
| 15-03-2019 | 10 AM | 1 | 191 | 122 | 24 | NA | NA | 0 | 0 | |
| 15-03-2019 | 11 AM | 1 | 194 | 124 | 19 | NA | NA | 0 | 0 | |
| 15-03-2019 | 12 PM | 1 | 189 | 120 | 15 | NA | NA | 0 | 0 | |
| 15-03-2019 | 1 PM | 1 | 189 | 121 | 14 | NA | NA | 0 | 0 | |
| 15-03-2019 | 2 PM | 1 | 194 | 126 | 13 | NA | NA | 0 | 0 | |
| 15-03-2019 | 3 PM | 1 | 197 | 132 | 14 | NA | NA | 0 | 0 | |
| 15-03-2019 | 4 PM | 2 | 198 | 135 | 14 | NA | NA | 0 | 0 | |
| 15-03-2019 | 5 PM | 1 | 194 | 135 | 37 | NA | NA | 0 | 0 | |
| 15-03-2019 | 6 PM | 2 | 193 | 125 | 83 | NA | NA | 0 | 0 | |
| 15-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
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| 46.00.0040 | 4 554 | | | | | | | | | |
|------------|-------|---|----|-----|----|----|----|---|---|--|
| 16-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 4 PM | 1 | 71 | 230 | 16 | NA | NA | 0 | 0 | |
| 16-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 16-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 11 AM | 0 | 34 | 200 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 17-03-2019 | 1 PM | 0 | 67 | 242 | 15 | NA | NA | 0 | 0 | |
| 17-03-2019 | 2 PM | 0 | 68 | 51 | 3 | NA | NA | 0 | 0 | |
| 17-03-2019 | 3 PM | 0 | 54 | 46 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 4 PM | 0 | 55 | 45 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 5 PM | 0 | 65 | 60 | 0 | NA | NA | 0 | 0 | |

| 17-03-2019 | 6 PM | 0 | 52 | 46 | 0 | NA | NA | 0 | 0 | |
|------------|-------|---|----|-----|----|----|----|---|---|--|
| 17-03-2019 | 7 PM | 0 | 54 | 45 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 8 PM | 0 | 64 | 58 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 9 PM | 0 | 51 | 43 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 10 PM | 0 | 25 | 19 | 0 | NA | NA | 0 | 0 | |
| 17-03-2019 | 11 PM | 0 | 25 | 86 | 16 | NA | NA | 0 | 0 | |
| 18-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 2 AM | 0 | 34 | 86 | 1 | NA | NA | 0 | 0 | |
| 18-03-2019 | 3 AM | 1 | 70 | 67 | 6 | NA | NA | 0 | 0 | |
| 18-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 6 AM | - | - | ı | - | - | - | ı | - | |
| 18-03-2019 | 7 AM | - | - | 1 | - | - | - | ı | - | |
| 18-03-2019 | 8 AM | 0 | 74 | 128 | 5 | NA | NA | 0 | 0 | |
| 18-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 10 AM | 0 | 75 | 226 | 3 | NA | NA | 0 | 0 | |
| 18-03-2019 | 11 AM | - | - | 1 | - | - | - | ı | - | |
| 18-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 2 PM | 0 | 33 | 444 | 10 | NA | NA | 0 | 0 | |
| 18-03-2019 | 3 PM | 0 | 26 | 16 | 4 | NA | NA | 0 | 0 | |
| 18-03-2019 | 4 PM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 18-03-2019 | 5 PM | 0 | 34 | 91 | 0 | NA | NA | 0 | 0 | |
| 18-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 18-03-2019 | 10 PM | 0 | 29 | 142 | 1 | NA | NA | 0 | 0 | |
| | | | | | | | | | | |

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|------------|-------|---|---|---|---|---|---|---|---|--|
| 18-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 19-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 12 AM | - | _ | - | - | - | - | - | - | |
| 20-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 20-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|---|--|
| 20-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 7 AM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 8 AM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 10 AM | 1 | 233 | 495 | 89 | NA | NA | 0 | 1 | |
| 20-03-2019 | 11 AM | 1 | 171 | 235 | 33 | NA | NA | 0 | 0 | |
| 20-03-2019 | 12 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 1 PM | - | ı | - | - | - | - | - | - | |
| 20-03-2019 | 2 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 3 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 4 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 5 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 6 PM | - | 1 | - | - | - | - | - | - | |
| 20-03-2019 | 7 PM | - | ı | - | - | - | - | - | - | |
| 20-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 9 PM | - | ı | - | - | - | - | - | - | |
| 20-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | |

| 21-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 21-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 10 AM | - | _ | - | - | - | - | - | - | |
| 22-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
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|------------|-------|---|----|-----|----|----|----|---|-----|---|
| 22-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 3 PM | 0 | 0 | 0 | 0 | NA | NA | 0 | 0 | |
| 22-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 6 PM | - | 1 | - | - | - | - | 1 | - | |
| 22-03-2019 | 7 PM | 1 | 82 | 535 | 36 | NA | NA | 0 | 1 | |
| 22-03-2019 | 8 PM | 1 | 72 | 70 | 25 | NA | NA | 0 | 0.5 | |
| 22-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 4 AM | - | 1 | - | - | - | - | 1 | - | |
| 23-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 10 AM | - | 1 | - | - | - | - | 1 | - | |
| 23-03-2019 | 11 AM | - | 1 | - | - | - | - | 1 | - | |
| 23-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 2 PM | - | ı | - | - | - | - | ı | - | |
| 23-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
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| 23-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
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| 23-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 8 PM | - | _ | - | - | - | - | - | - | |
| 24-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
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| 25-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 4 AM | ı | - | - | - | 1 | - | - | - | |
| 25-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 8 PM | ı | - | - | - | ı | - | - | - | |
| 25-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 25-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |

| 26-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|----|----|----|---|-----|--|
| 26-03-2019 | 6 AM | - | ı | 1 | - | - | - | 1 | - | |
| 26-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 26-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 12 AM | 1 | 151 | 229 | 20 | NA | NA | 0 | 0.5 | |
| 27-03-2019 | 1 AM | 2 | 165 | 196 | 45 | NA | NA | 0 | 0.5 | |
| 27-03-2019 | 2 AM | 2 | 154 | 203 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 3 AM | 2 | 211 | 243 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 4 AM | 1 | 161 | 228 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 5 AM | 1 | 152 | 224 | 25 | NA | NA | 0 | 0 | |
| 27-03-2019 | 6 AM | 1 | 151 | 227 | 23 | NA | NA | 0 | 0 | |
| 27-03-2019 | 7 AM | 1 | 146 | 225 | 23 | NA | NA | 0 | 0 | |
| 27-03-2019 | 8 AM | 1 | 150 | 229 | 23 | NA | NA | 0 | 0 | |
| 27-03-2019 | 9 AM | 1 | 152 | 230 | 22 | NA | NA | 0 | 0 | |

| | | | | | | | | _ | | |
|------------|-------|---|-----|-----|----|----|----|---|-----|--|
| 27-03-2019 | 10 AM | 1 | 158 | 233 | 24 | NA | NA | 0 | 0 | |
| 27-03-2019 | 11 AM | 1 | 162 | 228 | 25 | NA | NA | 0 | 0 | |
| 27-03-2019 | 12 PM | 1 | 168 | 229 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 1 PM | 1 | 167 | 222 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 2 PM | 1 | 181 | 223 | 61 | NA | NA | 0 | 0 | |
| 27-03-2019 | 3 PM | 1 | 187 | 221 | 51 | NA | NA | 0 | 0 | |
| 27-03-2019 | 4 PM | 1 | 169 | 206 | 34 | NA | NA | 0 | 0 | |
| 27-03-2019 | 5 PM | 1 | 165 | 194 | 32 | NA | NA | 0 | 0 | |
| 27-03-2019 | 6 PM | 2 | 201 | 210 | 33 | NA | NA | 0 | 0 | |
| 27-03-2019 | 7 PM | 2 | 210 | 220 | 33 | NA | NA | 0 | 0 | |
| 27-03-2019 | 8 PM | 2 | 215 | 231 | 29 | NA | NA | 0 | 0 | |
| 27-03-2019 | 9 PM | 2 | 229 | 241 | 30 | NA | NA | 0 | 0 | |
| 27-03-2019 | 10 PM | 1 | 160 | 221 | 28 | NA | NA | 0 | 0 | |
| 27-03-2019 | 11 PM | 1 | 144 | 208 | 28 | NA | NA | 0 | 0 | |
| 28-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 11 AM | - | 1 | - | - | - | - | - | - | |
| 28-03-2019 | 12 PM | 1 | 143 | 292 | 28 | NA | NA | 0 | 0.5 | |
| 28-03-2019 | 1 PM | 1 | 151 | 188 | 26 | NA | NA | 0 | 0 | |
| 28-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |

| 28-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
|------------|-------|---|-----|-----|-----|----|----|---|-----|--|
| 28-03-2019 | 4 PM | - | 1 | - | - | - | - | 1 | - | |
| 28-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 5 AM | - | 1 | - | - | - | - | 1 | - | |
| 29-03-2019 | 6 AM | - | ı | - | - | - | - | ı | - | |
| 29-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 10 AM | 2 | 271 | 324 | 79 | NA | NA | 0 | 0.5 | |
| 29-03-2019 | 11 AM | 2 | 258 | 251 | 62 | NA | NA | 0 | 0 | |
| 29-03-2019 | 12 PM | 2 | 308 | 272 | 39 | NA | NA | 0 | 0 | |
| 29-03-2019 | 1 PM | 2 | 255 | 252 | 30 | NA | NA | 0 | 0 | |
| 29-03-2019 | 2 PM | 2 | 321 | 276 | 30 | NA | NA | 0 | 0 | |
| 29-03-2019 | 3 PM | 2 | 346 | 280 | 30 | NA | NA | 0 | 0 | |
| 29-03-2019 | 4 PM | 2 | 350 | 280 | 29 | NA | NA | 0 | 0 | |
| 29-03-2019 | 5 PM | 2 | 351 | 281 | 28 | NA | NA | 0 | 0 | |
| 29-03-2019 | 6 PM | 2 | 388 | 440 | 43 | NA | NA | 0 | 0 | |
| 29-03-2019 | 7 PM | 2 | 257 | 253 | 107 | NA | NA | 0 | 0.5 | |

| 29-03-2019 | 8 PM | 3 | 304 | 266 | 129 | NA | NA | 0 | 0 | |
|------------|----------|---|-----|-----|-----|----------|----------|---|---|---|
| 29-03-2019 | 9 PM | 2 | 192 | 224 | 97 | NA NA | NA NA | 0 | 0 | |
| | | 1 | 180 | 227 | 50 | NA NA | NA NA | 0 | 0 | |
| 29-03-2019 | 10 PM | | | | | | | | | |
| 29-03-2019 | 11 PM | 1 | 156 | 218 | 34 | NA | NA | 0 | 0 | |
| 30-03-2019 | 12 AM | 1 | 150 | 217 | 30 | NA | NA | 0 | 0 | |
| 30-03-2019 | 1 AM | 1 | 149 | 215 | 30 | NA | NA | 0 | 0 | |
| 30-03-2019 | 2 AM | 1 | 144 | 217 | 29 | NA | NA | 0 | 0 | |
| 30-03-2019 | 3 AM | 1 | 141 | 219 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 4 AM | 1 | 138 | 219 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 5 AM | 1 | 139 | 226 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 6 AM | 1 | 145 | 234 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 7 AM | 1 | 145 | 231 | 34 | NA | NA | 0 | 0 | |
| 30-03-2019 | 8 AM | 2 | 177 | 259 | 32 | NA | NA | 0 | 0 | |
| 30-03-2019 | 9 AM | 1 | 168 | 258 | 29 | NA | NA | 0 | 0 | |
| 30-03-2019 | 10 AM | 2 | 177 | 261 | 27 | NA | NA | 0 | 0 | |
| 30-03-2019 | 11 AM | 2 | 186 | 261 | 27 | NA | NA | 0 | 0 | |
| 30-03-2019 | 12 PM | 2 | 183 | 260 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 1 PM | 2 | 202 | 262 | 26 | NA | NA | 0 | 0 | |
| 30-03-2019 | 2 PM | 2 | 200 | 262 | 26 | NA | NA | 0 | 0 | |
| 30-03-2019 | 3 PM | 2 | 212 | 264 | 26 | NA | NA | 0 | 0 | |
| 30-03-2019 | 4 PM | 2 | 218 | 265 | 31 | NA | NA | 0 | 0 | |
| 30-03-2019 | 5 PM | 2 | 281 | 276 | 83 | NA | NA | 0 | 0 | |
| 30-03-2019 | 6 PM | 2 | 279 | 277 | 49 | NA | NA | 0 | 0 | |
| 30-03-2019 | 7 PM | 2 | 258 | 277 | 32 | NA | NA | 0 | 0 | |
| 30-03-2019 | 8 PM | 2 | 281 | 286 | 28 | NA | NA | 0 | 0 | |
| 30-03-2019 | 9 PM | 2 | 288 | 284 | 29 | NA | NA | 0 | 0 | |
| 30-03-2019 | 10 PM | 0 | 62 | 75 | 3 | NA | NA | 0 | 0 | |
| 30-03-2019 | 11 PM | 0 | 28 | 36 | 1 | NA | NA | 0 | 0 | |
| 31-03-2019 | 12 AM | _ | _ | _ | _ | _ | _ | _ | _ | |
| 31 03-2013 | 77 (VIA) | | | | | l | <u> </u> | | | 1 |

| 31-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 31-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 10 AM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 11 AM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 12 PM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 1 PM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 4 PM | ı | - | - | - | - | - | - | - | |
| 31-03-2019 | 5 PM | ı | - | - | - | - | - | - | - | |
| 31-03-2019 | 6 PM | ı | - | - | - | - | - | - | - | |
| 31-03-2019 | 7 PM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 9 PM | 1 | - | - | - | - | - | - | - | |
| 31-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 31-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |

Annex G5

Hourly Average of Parameters Measured in ASP

| | | | | , | ASP Hourly Ave | erage (mg/Nm ³ | 3) | | | |
|------------|-------|------|----|-----|---------------------|---------------------------|-----|-----|----|---------|
| | | | | | Note: "-" represent | non-operating hour | | | | |
| | | | | | | VOCs (including | | | | Remarks |
| Date | Hour | Dust | СО | NOx | SO ₂ | methane) | NH₃ | HCL | HF | |
| 01-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 01-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |

| 02-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 02-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 02-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 AM | - | _ | - | - | - | - | - | - | |
| 03-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
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|------------|-------|-----|-----|---|---|---|---|---|---|--|
| 03-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 03-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| | l . | l . | l . | I | 1 | l | 1 | l | l | |

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|------------|-------|-----|---|-----|---|---|---|---|-----|--|
| 04-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 04-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | Start up / Exceedance in HF is resulted by the interference of sensor by other |
| 05-03-2019 | 11 AM | 1.5 | 0 | 108 | 0 | 0 | 8 | 0 | 1.5 | gases. |

| 05-03-2019 | 12 PM | 3 | 0 | 157 | 1 | 0 | 8 | 0 | 0.5 | Start up |
|------------|--------|-----|-----|-----|----|------|------|---|-----|--|
| 05-03-2019 | 1 PM | 3 | 0 | 162 | 0 | 0 | 6 | 0 | 0 | Start up |
| 05-03-2019 | 2 PM | 1.5 | 33 | 193 | 2 | 134 | 93 | 0 | 0 | Start up |
| 05-03-2019 | 3 PM | 2.5 | 190 | 325 | 1 | 10 | 227 | 0 | 0 | Running with high flowrate 24m3/h Optimising |
| 05-03-2019 | 4 PM | 2 | 94 | 253 | 3 | 4 | 458 | 0 | 0 | Running with high flowrate 24m3/h Optimising |
| 05-03-2019 | 5 PM | 2.5 | 255 | 180 | 11 | 10 | 2098 | 0 | 1 | Running with high flowrate 24m3/h Optimising |
| 05-03-2019 | 6 PM | 1.5 | 348 | 171 | 27 | 23 | 1399 | 0 | 1 | Running with high flowrate 24m3/h Optimising |
| 05-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 05-03-2019 | 9 PM | 0 | 23 | 28 | 4 | 1 | 919 | 0 | 1 | Start up / tripping |
| 05 03 2040 | 10 004 | 3 | 502 | 429 | 36 | 1535 | 1069 | | 1.5 | Start up / tripping / Exceedance in HF is resulted by the interference of sensor by other |
| 05-03-2019 | 10 PM | | | | | 63 | | 0 | 0 | gases. |
| 05-03-2019 | 11 PM | 1 | 22 | 275 | 1 | 03 | 68 | 0 | U | Start up / tripping Unstable running / always tripping / Exceedance in HF is resulted by the interference of sensor by other |
| 06-03-2019 | 12 AM | 1 | 4 | 168 | 0 | 1 | 42 | 0 | 1.5 | gases. |

| | | 4 | 405 | 400 | 20 | 4240 | 762 | 0.5 | | unstable running / |
|------------|---------|-----|------|------|----|------|------|-----|-----|------------------------------------|
| 06-03-2019 | 1 AM | 1 | 195 | 198 | 38 | 1348 | 762 | 0.5 | 1 | always tripping |
| 00.00.0040 | 2 4 4 4 | 1 | 1.42 | 150 | 10 | | 100 | 0 | 0 | unstable running / |
| 06-03-2019 | 2 AM | 1 | 142 | 156 | 10 | 6 | 183 | 0 | 0 | always tripping |
| 00.00.0040 | 2 4 4 4 | 2.5 | 100 | 160 | 5 | 5 | 408 | 0 | 0.5 | unstable running / |
| 06-03-2019 | 3 AM | 2.5 | 108 | 160 | 5 | 5 | 408 | 0 | 0.5 | always tripping |
| 06 03 3040 | 4 4 4 4 | 3 | 62 | 55 | 10 | 7 | 1298 | 0 | 0 | unstable running / |
| 06-03-2019 | 4 AM | 5 | 62 | 55 | 10 | / | 1298 | U | U | always tripping |
| 06-03-2019 | 5 AM | 3 | 72 | 90 | 10 | 7 | 875 | 0 | 0 | unstable running / |
| 06-03-2019 | 5 AIVI | 3 | 72 | 90 | 10 | , | 673 | U | 0 | always tripping unstable running / |
| 06-03-2019 | 6 AM | 3 | 3 | 88 | 43 | 3 | 94 | 0 | 0 | always tripping |
| 00-03-2015 | OAIVI | 3 | | - 55 | | | J . | | | unstable running / |
| 06-03-2019 | 7 AM | 3 | 40 | 174 | 38 | 5 | 47 | 0 | 0 | always tripping |
| 00 00 1015 | 77 | | | | | _ | | | | unstable running / |
| 06-03-2019 | 8 AM | 2 | 223 | 190 | 13 | 121 | 392 | 0 | 0 | always tripping |
| 06-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 9 PM | - | | - | - | - | - | - | - | |
| 06-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 06-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |

| 07-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
|------------|-------|-----|---|-----|---|---|-----|---|-----|--|
| 07-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 9 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Start up / Optimising for higher flowrate |
| 07-03-2019 | 10 AM | 0.5 | 0 | 1 | 1 | 0 | 232 | 0 | 0.5 | Start up / Optimising for higher flowrate Start up / |
| 07-03-2019 | 11 AM | 1 | 0 | 55 | 1 | 0 | 66 | 0 | 1 | Optimising for higher flowrate |
| 07-03-2019 | 12 PM | 2 | 0 | 216 | 2 | 0 | 39 | 0 | 0 | Optimising for higher flowrate |
| 07-03-2019 | 1 PM | 2 | 0 | 239 | 0 | 0 | 25 | 0 | 0 | Optimising for higher flowrate |
| 07-03-2019 | 2 PM | 1 | 0 | 101 | 1 | 1 | 53 | 0 | 0 | Optimising for higher flowrate |
| 07-03-2019 | 3 PM | 2 | 0 | 22 | 1 | 1 | 93 | 0 | 0 | Stopping |
| 07-03-2019 | 4 PM | 2 | 0 | 2 | 1 | 0 | 277 | 0 | 0 | Stopping |
| 07-03-2019 | 5 PM | 2 | 0 | 4 | 1 | 0 | 356 | 0 | 0 | Stopping |
| 07-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 07-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| | 1 | | | | 1 | | 1 | | I. | 1 |

| - | 10 PM | - | - | - | _ | | | | | |
|------------|-------|---|---|---|---|---|---|---|---|--|
| 07.02.2010 | | | | _ | _ | - | - | - | - | |
| 07-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 12 AM | 1 | - | - | - | - | - | - | - | |
| 08-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 08-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 09-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |

| 00 02 2010 | 2 4 4 4 | _ | - | _ | _ | _ | _ | _ | _ | |
|------------|----------|-----|-----|-----|----|-----|------|---|-----|---|
| 09-03-2019 | 3 AM | 1.5 | 0 | | 0 | 0 | 56 | | 0.5 | 6 |
| 09-03-2019 | 4 AM | | - | 0 | _ | _ | | 0 | | Start up |
| 09-03-2019 | 5 AM | 2 | 35 | 23 | 4 | 496 | 38 | 0 | 0 | Start up |
| 09-03-2019 | 6 AM | 2 | 0 | 36 | 0 | 0 | 53 | 0 | 0 | Start up |
| 09-03-2019 | 7 AM | 2 | 0 | 4 | 3 | 0 | 395 | 0 | 0 | Start up |
| 09-03-2019 | 8 AM | 2 | 0 | 95 | 2 | 1 | 443 | 0 | 0 | |
| | | | | | | | | | | Exceedance in HF is resulted by the interference of sensor by other |
| 09-03-2019 | 9 AM | 3.5 | 350 | 133 | 10 | 97 | 3242 | 0 | 1.5 | gases. |
| 09-03-2019 | 10 AM | 3 | 0 | 4 | 1 | 1 | 387 | 0 | 0 | |
| 09-03-2019 | 11 AM | 3 | 0 | 53 | 20 | 0 | 100 | 0 | 0 | |
| 09-03-2019 | 12 PM | 3 | 0 | 53 | 57 | 0 | 56 | 0 | 0 | |
| 09-03-2019 | 1 PM | 3 | 0 | 0 | 26 | 3 | 924 | 0 | 0 | |
| 09-03-2019 | 2 PM | 3 | 0 | 0 | 7 | 0 | 516 | 0 | 0 | |
| 09-03-2019 | 3 PM | 3 | 0 | 0 | 3 | 1 | 646 | 0 | 0 | |
| 09-03-2019 | 4 PM | 3 | 0 | 0 | 2 | 0 | 864 | 0 | 0 | |
| 09-03-2019 | 5 PM | 3 | 0 | 0 | 2 | 1 | 992 | 0 | 0 | |
| 09-03-2019 | 6 PM | 3 | 0 | 1 | 0 | 0 | 444 | 0 | 0 | |
| 09-03-2019 | 7 PM | 3 | 0 | 23 | 5 | 0 | 192 | 0 | 0 | |
| 09-03-2019 | 8 PM | 3 | 0 | 0 | 49 | 4 | 1064 | 0 | 0 | |
| 09-03-2019 | 9 PM | 3 | 0 | 0 | 77 | 2 | 817 | 0 | 0 | |
| 09-03-2019 | 10 PM | 3 | 2 | 0 | 59 | 3 | 1877 | 0 | 0.5 | |
| 09-03-2019 | 11 PM | 2.5 | 0 | 0 | 19 | 3 | 1551 | 0 | 0.5 | |
| 10-03-2019 | 12 AM | 2 | 0 | 0 | 7 | 3 | 1157 | 0 | 1 | |
| 10-03-2019 | 1 AM | 3 | 0 | 0 | 4 | 0 | 1573 | 0 | 1 | |
| 10-03-2019 | 2 AM | 0.5 | 60 | 47 | 1 | 6 | 1087 | 0 | 0.5 | |
| 10-03-2019 | 3 AM | 3 | 14 | 19 | 2 | 2 | 1499 | 0 | 1 | |
| 10-03-2019 | 4 AM | 3 | 0 | 2 | 0 | 0 | 464 | 0 | 0 | |
| | . / 1141 | - | - | | - | | L | | | |

| | | _ | | | | | | | | |
|------------|-------|-----|----|-----|----|----|------|---|-----|----------|
| 10-03-2019 | 5 AM | 3 | 0 | 0 | 0 | 0 | 578 | 0 | 0 | |
| 10-03-2019 | 6 AM | 3 | 0 | 7 | 0 | 0 | 403 | 0 | 0 | |
| 10-03-2019 | 7 AM | 3 | 0 | 7 | 1 | 0 | 743 | 0 | 0 | |
| 10-03-2019 | 8 AM | 3 | 0 | 0 | 2 | 1 | 1288 | 0 | 0.5 | |
| 10-03-2019 | 9 AM | 3 | 0 | 11 | 8 | 0 | 669 | 0 | 0 | |
| 10-03-2019 | 10 AM | 2.5 | 0 | 31 | 49 | 0 | 155 | 0 | 0 | |
| 10-03-2019 | 11 AM | 2 | 0 | 70 | 47 | 0 | 94 | 0 | 0 | Stopping |
| 10-03-2019 | 12 PM | 3 | 0 | 2 | 15 | 0 | 457 | 0 | 0 | Stopping |
| 10-03-2019 | 1 PM | 1.5 | 0 | 0 | 4 | 0 | 263 | 0 | 0 | Stopping |
| 10-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 10-03-2019 | 7 PM | 1 | 0 | 0 | 1 | 0 | 150 | 0 | 0 | Start up |
| 10-03-2019 | 8 PM | 3 | 0 | 206 | 0 | 0 | 58 | 0 | 0 | Start up |
| 10-03-2019 | 9 PM | 1 | 0 | 509 | 0 | 0 | 33 | 0 | 0 | Start up |
| 10-03-2019 | 10 PM | 0.5 | 93 | 88 | 2 | 22 | 597 | 0 | 0 | Start up |
| 10-03-2019 | 11 PM | 2.5 | 23 | 129 | 2 | 2 | 632 | 0 | 0 | |
| 11-03-2019 | 12 AM | 1.5 | 0 | 286 | 0 | 7 | 33 | 0 | 0.5 | |
| 11-03-2019 | 1 AM | 2 | 0 | 275 | 0 | 0 | 32 | 0 | 0 | |
| 11-03-2019 | 2 AM | 2 | 0 | 420 | 0 | 0 | 22 | 0 | 0 | |
| 11-03-2019 | 3 AM | 2 | 0 | 298 | 0 | 0 | 15 | 0 | 0 | |
| 11-03-2019 | 4 AM | 2 | 0 | 356 | 0 | 0 | 13 | 0 | 0 | |
| 11-03-2019 | 5 AM | 2 | 0 | 259 | 0 | 0 | 11 | 0 | 0 | |
| 11-03-2019 | 6 AM | 2 | 0 | 140 | 0 | 0 | 10 | 0 | 0 | |
| 11-03-2019 | 7 AM | 2.5 | 0 | 47 | 0 | 0 | 31 | 0 | 0 | |
| 11-03-2019 | 8 AM | 2 | 0 | 1 | 0 | 0 | 360 | 0 | 0 | |
| 11-03-2019 | 9 AM | 2.5 | 0 | 24 | 0 | 0 | 255 | 0 | 0 | |

| | 1 | | 1 | | l | | l | l | | 1 |
|------------|--------|-----|-----|------|----|------|------|-----|-----|--|
| 11-03-2019 | 10 AM | 2 | 0 | 0 | 0 | 0 | 795 | 0 | 0 | |
| 11-03-2019 | 11 AM | 2 | 0 | 0 | 1 | 0 | 1304 | 0 | 0 | |
| 11-03-2019 | 12 PM | 2 | 0 | 0 | 1 | 0 | 1286 | 0 | 0 | |
| 11-03-2019 | 1 PM | 2 | 0 | 0 | 1 | 0 | 1008 | 0 | 0 | |
| 11-03-2019 | 2 PM | 1 | 0 | 0 | 0 | 0 | 446 | 0 | 0 | |
| 11-03-2019 | 3 PM | 1 | 0 | 5 | 16 | 0 | 338 | 0 | 0 | |
| 11-03-2019 | 4 PM | 1.5 | 200 | 1340 | 88 | 1423 | 1030 | 1 | 1 | Unstable and always tripped / Start and stop |
| 11-03-2019 | 5 PM | 3 | 414 | 537 | 39 | 356 | 1994 | 0 | 1.5 | Unstable and always tripped / Start and stop/ Exceedance in HF is resulted by the interference of sensor by other gases. |
| 11-03-2019 | J PIVI | 3 | 717 | 337 | 33 | 330 | 1334 | - U | 1.5 | Unstable and |
| 11-03-2019 | 6 PM | 1 | 0 | 1057 | 5 | 6 | 59 | 0 | 0 | always tripped / Start and stop |
| 11-03-2019 | 7 PM | 0.5 | 6 | 545 | 0 | 20 | 165 | 0 | 0 | Unstable and always tripped / Start and stop |
| 11-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 11-03-2019 | 9 PM | 1.5 | 0 | 287 | 0 | 0 | 28 | 0 | 0 | Unstable and always tripped / Start and stop |
| 11-03-2019 | 10 PM | 2 | 0 | 514 | 0 | 0 | 18 | 0 | 0 | Unstable and always tripped / Start and stop |

| | | | | | | | | | | Unstable and |
|------------|---------|-----|----------|------|----------|------|-----|-----|-----|-----------------------------|
| | | | | | | | | | | always tripped / |
| 11-03-2019 | 11 PM | 2 | 0 | 1057 | 0 | 0 | 13 | 0 | 0 | Start and stop |
| | | | | | | | | | | Unstable and |
| | | | | | | | | | | always tripped / |
| 12-03-2019 | 12 AM | 1 | 84 | 252 | 7 | 276 | 346 | 0 | 0.5 | Start and stop |
| | | | | | | | | | | Unstable and |
| | | | | | | | | | | always tripped / |
| 12-03-2019 | 1 AM | 0.5 | 6 | 621 | 4 | 21 | 85 | 0 | 0 | Start and stop |
| | | | | | | | | | | Unstable and |
| | | | 4 | 222 | | 00 | | | | always tripped / |
| 12-03-2019 | 2 AM | 1 | 1 | 323 | 0 | 89 | 141 | 0 | 0 | Start and stop |
| | | | | | | | | | | Unstable and |
| | | 1.5 | 0 | 1610 | 0 | 0 | 25 | 0 | 0 | always tripped / |
| 12-03-2019 | 3 AM | 1.5 | 0 | 1619 | 0 | U | 25 | 0 | 0 | Start and stop |
| | | | | | | | | | | Unstable and |
| 12 02 2010 | 4 4 4 4 | 0.5 | 0 | 59 | 0 | 1 | 14 | 0 | 0 | always tripped / |
| 12-03-2019 | 4 AM | 0.5 | U | 39 | 0 | 1 | 14 | 0 | 0 | Start and stop Unstable and |
| | | | | | | | | | | always tripped / |
| 12-03-2019 | 5 AM | 1 | 0 | 880 | 0 | 0 | 23 | 0 | 0 | Start and stop |
| 12-03-2015 | JAIVI | 1 | <u> </u> | 000 | <u> </u> | Ŭ | 23 | Ŭ | | Unstable and |
| | | | | | | | | | | always tripped / |
| 12-03-2019 | 6 AM | 0 | 0 | 49 | 0 | 0 | 7 | 0 | 0 | Start and stop |
| | | | | | | | | | | Unstable and |
| | | | | | | | | | | always tripped / |
| 12-03-2019 | 7 AM | 1 | 0 | 775 | 0 | 0 | 27 | 0 | 0 | Start and stop |
| 12-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 12-03-2019 | 10 AM | 1.5 | 13 | 238 | 17 | 31 | 52 | 0 | 0.5 | Start up |
| 12-03-2019 | 11 AM | 2 | 65 | 516 | 30 | 1215 | 513 | 0.5 | 0.5 | Start up |
| 12-03-2019 | 12 PM | 2 | 0 | 342 | 0 | 0 | 42 | 0 | 0 | Start up |

| 12-03-2019 | 1 PM | 2 | 0 | 208 | 0 | 0 | 24 | 0 | 0 | Start up |
|------------|-------|-----|-----|-----|----|-----|------|---|-----|---|
| | | | | | | | | | | Optimising for |
| 12-03-2019 | 2 PM | 1.5 | 19 | 169 | 0 | 186 | 132 | 0 | 0 | higher flowrate |
| | | | | | | | | | | Optimising for |
| 12-03-2019 | 3 PM | 2 | 0 | 103 | 0 | 0 | 33 | 0 | 0 | higher flowrate |
| | | | | | | | | | | Optimising for |
| 12-03-2019 | 4 PM | 2 | 23 | 289 | 3 | 334 | 129 | 0 | 0 | higher flowrate |
| | | 2.5 | 42 | 26 | 20 | _ | 226 | | | Optimising for |
| 12-03-2019 | 5 PM | 3.5 | 43 | 36 | 29 | 5 | 326 | 0 | 0 | higher flowrate |
| 42.02.2040 | C DN4 | 4.5 | 404 | 175 | 69 | 25 | 2954 | 0 | 0.5 | Optimising for |
| 12-03-2019 | 6 PM | 4.5 | 404 | 1/5 | 09 | 25 | 2954 | 0 | 0.5 | higher flowrate |
| | | | | | | | | | | Optimising for higher flowrate |
| | | | | | | | | | | /Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 12-03-2019 | 7 PM | 5 | 371 | 227 | 51 | 29 | 3906 | 0 | 2 | gases. |
| 12-03-2019 | 8 PM | 4.5 | 266 | 214 | 21 | 14 | 3122 | 0 | 1 | 0 |
| 12-03-2019 | 9 PM | 4 | 293 | 212 | 12 | 13 | 2816 | 0 | 1 | |
| 12-03-2019 | 10 PM | 2 | 200 | 129 | 5 | 9 | 2129 | 0 | 0.5 | |
| 12-03-2019 | 11 PM | 0 | 87 | 41 | 0 | 4 | 790 | 0 | 0 | |
| 13-03-2019 | 12 AM | 4 | 272 | 186 | 11 | 15 | 3653 | 0 | 1 | |
| 13-03-2019 | 1 AM | 4 | 282 | 191 | 11 | 15 | 3531 | 0 | 1 | |
| 13-03-2019 | 2 AM | 4 | 329 | 201 | 19 | 18 | 3423 | 0 | 1 | |
| | | | | | | | | | | Exceedance in HF is resulted by the interference of sensor by other |
| 13-03-2019 | 3 AM | 4 | 289 | 198 | 18 | 18 | 3934 | 0 | 2 | gases. |
| 13-03-2019 | 4 AM | 4 | 286 | 199 | 14 | 18 | 3988 | 0 | 2 | Exceedance in HF is resulted by the |

| | | | | | | | | | | interference of sensor by other |
|------------|---------|---|-----|-----|----|----|------|---|---|---------------------------------|
| | | | | | | | | | | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the interference of |
| | | | | | | | | | | sensor by other |
| 13-03-2019 | 5 AM | 4 | 271 | 196 | 13 | 17 | 3935 | 0 | 2 | gases. |
| 13-03-2013 | JAIVI | · | 2,1 | 130 | 10 | 1, | 3333 | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 13-03-2019 | 6 AM | 4 | 250 | 195 | 13 | 16 | 3887 | 0 | 2 | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 13-03-2019 | 7 AM | 4 | 245 | 193 | 13 | 15 | 3953 | 0 | 2 | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 13-03-2019 | 8 AM | 4 | 245 | 194 | 14 | 15 | 4071 | 0 | 2 | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| 40.00.0040 | 0.444 | 4 | 254 | 197 | 14 | 16 | 4218 | 0 | 2 | sensor by other |
| 13-03-2019 | 9 AM | 4 | 254 | 197 | 14 | 10 | 4218 | 0 | 2 | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the interference of |
| | | | | | | | | | | |
| 13-03-2019 | 10 AM | 4 | 200 | 182 | 14 | 14 | 4016 | 0 | 2 | sensor by other |
| 15-05-2019 | TO AIVI | 7 | 200 | 102 | 14 | 14 | 4010 | U | | gases. |

| 13-03-2019 | 11 AM | 2.5 | 1 | 112 | 2 | 1 | 1165 | 0 | 1 | |
|------------|-------|-----|---|-----|----|---|------|---|-----|----------|
| 13-03-2019 | 12 PM | 2 | 0 | 603 | 9 | 0 | 49 | 0 | 0 | Stopping |
| 13-03-2019 | 1 PM | 2.5 | 0 | 352 | 2 | 0 | 27 | 0 | 0 | Stopping |
| 13-03-2019 | 2 PM | 3 | 0 | 301 | 0 | 0 | 20 | 0 | 0 | Stopping |
| 13-03-2019 | 3 PM | 3 | 0 | 295 | 0 | 0 | 17 | 0 | 0 | Stopping |
| 13-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 13-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 12 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 14-03-2019 | 5 AM | 0.5 | 6 | 25 | 0 | 0 | 332 | 0 | 0.5 | Start up |
| 14-03-2019 | 6 AM | 2.5 | 1 | 220 | 0 | 0 | 149 | 0 | 0 | Start up |
| 14-03-2019 | 7 AM | 2 | 0 | 450 | 0 | 0 | 35 | 0 | 0 | Start up |
| 14-03-2019 | 8 AM | 1.5 | 0 | 137 | 0 | 0 | 18 | 0 | 0 | Start up |
| 14-03-2019 | 9 AM | 2 | 0 | 409 | 42 | 0 | 29 | 0 | 0 | |
| 14-03-2019 | 10 AM | 1 | 0 | 337 | 13 | 0 | 19 | 0 | 0 | |
| 14-03-2019 | 11 AM | 2 | 0 | 98 | 2 | 0 | 40 | 0 | 0 | |
| 14-03-2019 | 12 PM | 2 | 0 | 58 | 0 | 0 | 47 | 0 | 0 | |
| 14-03-2019 | 1 PM | 2 | 0 | 56 | 0 | 0 | 173 | 0 | 0 | |
| 14-03-2019 | 2 PM | 2 | 0 | 131 | 0 | 0 | 36 | 0 | 0 | |
| 14-03-2019 | 3 PM | 3 | 7 | 0 | 7 | 3 | 2725 | 0 | 1 | |

| | | 2 | • | • | | | 2222 | 1 0 | | 1 |
|------------|-------|-----|----|----|----|-----|------|-----|-----|--|
| 14-03-2019 | 4 PM | 3 | 8 | 0 | 8 | 4 | 3223 | 0 | 1 | |
| 14-03-2019 | 5 PM | 3 | 17 | 0 | 9 | 6 | 3336 | 0 | 1 | |
| 14-03-2019 | 6 PM | 3 | 21 | 0 | 8 | 6 | 2847 | 0 | 1 | |
| 14-03-2019 | 7 PM | 2.5 | 0 | 58 | 17 | 1 | 743 | 0 | 0.5 | |
| 14-03-2019 | 8 PM | 3 | 5 | 70 | 73 | 1 | 167 | 0 | 0 | |
| 14-03-2019 | 9 PM | 1.5 | 16 | 1 | 27 | 3 | 1122 | 0 | 0.5 | |
| 14-03-2019 | 10 PM | 3 | 25 | 0 | 24 | 5 | 2555 | 0 | 1 | |
| 14-03-2019 | 11 PM | 3 | 0 | 2 | 31 | 0 | 988 | 0 | 1 | |
| 15-03-2019 | 12 AM | 3 | 39 | 0 | 25 | 7 | 4414 | 0 | 2 | Exceedance in HF is resulted by the interference of sensor by other gases. |
| 15-03-2019 | 1 AM | 3 | 13 | 0 | 12 | 6 | 3854 | 0 | 2 | Exceedance in HF is resulted by the interference of sensor by other gases. |
| 15-03-2019 | 2 AM | 3 | 3 | 0 | 8 | 4 2 | 3433 | 0 | 2 | Exceedance in HF is resulted by the interference of sensor by other gases. |
| 15-03-2019 | 3 AM | 0 | 10 | 0 | 0 | 2 | 1020 | 0 | 0.5 | |
| 15-03-2019 | 4 AM | 3 | 40 | 2 | 11 | 8 | 4106 | 0 | 2 | Exceedance in HF is resulted by the interference of sensor by other gases. |
| 15-03-2019 | 5 AM | 3 | 17 | 1 | 8 | 7 | 3519 | 0 | 2 | Exceedance in HF is resulted by the interference of |

| | | | | | | | | | | sensor by other |
|------------|--------|-----|-----|---|----|---|------|---|---|-----------------------------|
| | | | | | | | | | | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | 2 | 20 | 4 | 40 | | 2020 | | _ | sensor by other |
| 15-03-2019 | 6 AM | 3 | 38 | 1 | 10 | 8 | 3828 | 0 | 2 | gases. |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| 15-03-2019 | 7 AM | 3 | 20 | 0 | 8 | 7 | 3545 | 0 | 2 | sensor by other |
| 15-05-2019 | / Alvi | 3 | 20 | 0 | 0 | , | 3343 | | | gases. Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 15-03-2019 | 8 AM | 3 | 36 | 1 | 9 | 9 | 3846 | 0 | 2 | gases. |
| 15-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 10 AM | - | 1 | 1 | - | - | - | - | - | |
| 15-03-2019 | 11 AM | - | ı | ı | - | - | - | - | - | |
| 15-03-2019 | 12 PM | - | ı | 1 | - | - | - | - | - | |
| 15-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 15-03-2019 | 7 PM | 2.5 | 26 | 0 | 6 | 0 | 37 | 0 | 1 | Start up |
| 15-03-2019 | 8 PM | 3 | 21 | 0 | 0 | 0 | 27 | 0 | 0 | Start up |
| 15-03-2019 | 9 PM | 3 | 135 | 0 | 0 | 0 | 19 | 0 | 0 | Start up |
| 15-03-2019 | 10 PM | 3 | 207 | 0 | 0 | 0 | 16 | 0 | 0 | Start up |

| | | _ | | | | _ | | | 1 _ | |
|------------|-------|---|-----|-----|----|----|------|---|-----|---|
| 15-03-2019 | 11 PM | 3 | 45 | 109 | 0 | 2 | 110 | 0 | 0 | |
| 16-03-2019 | 12 AM | 3 | 177 | 120 | 9 | 9 | 2389 | 0 | 1 | |
| 16-03-2019 | 1 AM | 3 | 159 | 85 | 9 | 11 | 2295 | 0 | 1 | |
| 16-03-2019 | 2 AM | 3 | 178 | 139 | 8 | 8 | 1787 | 0 | 1 | |
| 16-03-2019 | 3 AM | 3 | 110 | 114 | 28 | 8 | 768 | 0 | 0.5 | |
| 16-03-2019 | 4 AM | 3 | 170 | 152 | 36 | 7 | 1258 | 0 | 1 | |
| 16-03-2019 | 5 AM | 3 | 276 | 204 | 16 | 10 | 1340 | 0 | 1 | |
| 16-03-2019 | 6 AM | 3 | 254 | 188 | 7 | 12 | 673 | 0 | 0.5 | |
| 16-03-2019 | 7 AM | 3 | 210 | 177 | 4 | 15 | 312 | 0 | 0 | |
| 16-03-2019 | 8 AM | 3 | 199 | 175 | 2 | 16 | 226 | 0 | 0 | |
| 16-03-2019 | 9 AM | 3 | 216 | 181 | 3 | 18 | 229 | 0 | 0 | |
| 16-03-2019 | 10 AM | 3 | 156 | 146 | 2 | 17 | 186 | 0 | 0 | |
| 16-03-2019 | 11 AM | 3 | 50 | 65 | 5 | 14 | 185 | 0 | 0 | |
| 16-03-2019 | 12 PM | 3 | 47 | 65 | 59 | 15 | 130 | 0 | 0 | |
| 16-03-2019 | 1 PM | 0 | 292 | 49 | 10 | 7 | 398 | 0 | 0 | |
| 16-03-2019 | 2 PM | 3 | 825 | 194 | 25 | 22 | 2671 | 0 | 1 | |
| 16-03-2019 | 3 PM | 3 | 615 | 193 | 45 | 21 | 2031 | 0 | 1 | |
| 16-03-2019 | 4 PM | 0 | 359 | 85 | 18 | 14 | 1186 | 0 | 0.5 | |
| 16-03-2019 | 5 PM | 3 | 379 | 183 | 24 | 20 | 3344 | 0 | 1 | |
| 16-03-2019 | 6 PM | 3 | 355 | 174 | 14 | 18 | 3070 | 0 | 1 | |
| 16-03-2019 | 7 PM | 3 | 347 | 178 | 11 | 18 | 3031 | 0 | 1 | |
| 16-03-2019 | 8 PM | 3 | 349 | 185 | 10 | 18 | 2994 | 0 | 1 | |
| 16-03-2019 | 9 PM | 3 | 367 | 193 | 11 | 18 | 2863 | 0 | 1 | |
| 16-03-2019 | 10 PM | 3 | 337 | 184 | 12 | 17 | 3058 | 0 | 1 | |
| 16-03-2019 | 11 PM | 3 | 320 | 169 | 11 | 16 | 2865 | 0 | 1 | |
| | | | | | | | | | | Exceedance in HF is resulted by the interference of sensor by other |
| 17-03-2019 | 12 AM | 3 | 278 | 156 | 12 | 14 | 3408 | 0 | 1.5 | gases. |

| 17-03-2019 | 1 AM | 3 | 192 | 139 | 13 | 12 | 3857 | 0 | 2 | Exceedance in HF is resulted by the interference of sensor by other gases. Exceedance in HF is resulted by the interference of sensor by other |
|------------|-------|-----|-----|-----|----|----|------|---|-----|---|
| 17-03-2019 | 2 AM | 3.5 | 238 | 179 | 13 | 14 | 3318 | 0 | 2 | gases. |
| 17-03-2019 | 3 AM | 3.5 | 25 | 409 | 3 | 1 | 78 | 0 | 0.5 | |
| 17-03-2019 | 4 AM | 3 | 9 | 347 | 0 | 2 | 29 | 0 | 0 | |
| 17-03-2019 | 5 AM | 3 | 283 | 182 | 4 | 14 | 1181 | 0 | 0.5 | |
| 17-03-2019 | 6 AM | 3 | 365 | 189 | 9 | 17 | 2440 | 0 | 1 | |
| 17-03-2019 | 7 AM | 3.5 | 342 | 184 | 10 | 16 | 2600 | 0 | 1 | |
| 17-03-2019 | 8 AM | 3 | 296 | 182 | 10 | 14 | 2685 | 0 | 1 | |
| 17-03-2019 | 9 AM | 3.5 | 263 | 186 | 10 | 12 | 2915 | 0 | 1 | |
| 17-03-2019 | 10 AM | 4 | 256 | 189 | 11 | 13 | 2937 | 0 | 1 | |
| 17-03-2019 | 11 AM | 0 | 98 | 59 | 0 | 4 | 856 | 0 | 0.5 | |
| 17-03-2019 | 12 PM | 3 | 291 | 187 | 9 | 13 | 2274 | 0 | 1 | |
| 17-03-2019 | 1 PM | 0 | 99 | 45 | 3 | 5 | 225 | 0 | 0 | |
| 17-03-2019 | 2 PM | 0 | 75 | 23 | 0 | 3 | 357 | 0 | 0 | |
| 17-03-2019 | 3 PM | 0 | 68 | 24 | 0 | 2 | 362 | 0 | 0 | |
| 17-03-2019 | 4 PM | 0 | 69 | 26 | 0 | 3 | 414 | 0 | 0 | |
| 17-03-2019 | 5 PM | 0 | 53 | 16 | 0 | 3 | 304 | 0 | 0 | |
| 17-03-2019 | 6 PM | 0 | 66 | 20 | 0 | 3 | 309 | 0 | 0 | |
| 17-03-2019 | 7 PM | 0 | 79 | 22 | 0 | 5 | 444 | 0 | 0 | |
| 17-03-2019 | 8 PM | 0 | 63 | 11 | 0 | 5 | 359 | 0 | 0 | |
| 17-03-2019 | 9 PM | 0 | 73 | 19 | 0 | 6 | 177 | 0 | 0 | |
| 17-03-2019 | 10 PM | 1.5 | 26 | 3 | 23 | 7 | 326 | 0 | 0 | |

| 17-03-2019 | 11 PM | 1.5 | 40 | 8 | 50 | 4 | 146 | 0 | 0 | |
|------------|-------|-----|-----|-----|----|----|------|---|-----|--|
| 18-03-2019 | 12 AM | 2 | 39 | 33 | 30 | 5 | 1056 | 0 | 0.5 | |
| 18-03-2019 | 1 AM | 2 | 0 | 55 | 7 | 2 | 64 | 0 | 0 | |
| 18-03-2019 | 2 AM | 0 | 38 | 14 | 1 | 23 | 682 | 0 | 0 | |
| 18-03-2019 | 3 AM | 0.5 | 4 | 37 | 0 | 0 | 144 | 0 | 0.5 | |
| 18-03-2019 | 4 AM | 3 | 0 | 376 | 0 | 0 | 46 | 0 | 0 | |
| 18-03-2019 | 5 AM | 3 | 0 | 287 | 0 | 0 | 31 | 0 | 0 | |
| 18-03-2019 | 6 AM | 3 | 101 | 81 | 2 | 9 | 419 | 0 | 0 | |
| 18-03-2019 | 7 AM | 3 | 179 | 116 | 4 | 17 | 309 | 0 | 0 | |
| 18-03-2019 | 8 AM | 0 | 24 | 22 | 0 | 5 | 58 | 0 | 0 | |
| 18-03-2019 | 9 AM | 3 | 26 | 115 | 1 | 8 | 84 | 0 | 0 | |
| 18-03-2019 | 10 AM | 0.5 | 0 | 76 | 0 | 1 | 19 | 0 | 0 | |
| 18-03-2019 | 11 AM | 3 | 0 | 226 | 0 | 0 | 25 | 0 | 0 | |
| 18-03-2019 | 12 PM | 3 | 0 | 212 | 0 | 0 | 19 | 0 | 0 | |
| 18-03-2019 | 1 PM | 3 | 0 | 221 | 5 | 0 | 16 | 0 | 0 | |
| 18-03-2019 | 2 PM | 1.5 | 0 | 153 | 17 | 0 | 11 | 0 | 0 | |
| 18-03-2019 | 3 PM | 1.5 | 16 | 86 | 5 | 2 | 14 | 0 | 0 | |
| 18-03-2019 | 4 PM | 2.5 | 86 | 131 | 4 | 5 | 83 | 0 | 0 | |
| 18-03-2019 | 5 PM | 0.5 | 87 | 78 | 1 | 8 | 53 | 0 | 0 | |
| 18-03-2019 | 6 PM | 2 | 163 | 130 | 5 | 15 | 244 | 0 | 0 | |
| 18-03-2019 | 7 PM | 2 | 206 | 133 | 7 | 17 | 466 | 0 | 0 | |
| 18-03-2019 | 8 PM | 3 | 256 | 144 | 8 | 18 | 732 | 0 | 0 | |
| 18-03-2019 | 9 PM | 3 | 310 | 153 | 10 | 20 | 1172 | 0 | 0.5 | |
| 18-03-2019 | 10 PM | 1 | 209 | 82 | 5 | 12 | 1143 | 0 | 0.5 | |
| 18-03-2019 | 11 PM | 3 | 309 | 129 | 13 | 18 | 2335 | 0 | 1 | |
| 19-03-2019 | 12 AM | 3 | 243 | 93 | 42 | 16 | 2073 | 0 | 1 | |
| 19-03-2019 | 1 AM | 3 | 313 | 125 | 53 | 19 | 2424 | 0 | 1 | |
| 19-03-2019 | 2 AM | 3 | 280 | 117 | 24 | 17 | 3061 | 0 | 1 | |
| 19-03-2019 | 3 AM | 3 | 294 | 121 | 14 | 18 | 2299 | 0 | 1 | |

| | | | | | | | | _ | | T |
|------------|-------|-----|------|-----|-----|------|------|-----|-----|---|
| 19-03-2019 | 4 AM | 3 | 311 | 142 | 11 | 19 | 1548 | 0 | 1 | |
| 19-03-2019 | 5 AM | 3 | 254 | 134 | 9 | 16 | 932 | 0 | 0.5 | |
| 19-03-2019 | 6 AM | 3 | 219 | 130 | 7 | 16 | 667 | 0 | 0 | |
| 19-03-2019 | 7 AM | 3 | 212 | 135 | 6 | 15 | 505 | 0 | 0 | |
| 19-03-2019 | 8 AM | 3 | 249 | 136 | 7 | 17 | 832 | 0 | 0 | |
| 19-03-2019 | 9 AM | 2.5 | 281 | 144 | 8 | 19 | 919 | 0 | 0.5 | |
| 19-03-2019 | 10 AM | 2 | 321 | 145 | 9 | 23 | 1101 | 0 | 0.5 | |
| 19-03-2019 | 11 AM | 2 | 326 | 137 | 10 | 26 | 1297 | 0 | 1 | |
| 19-03-2019 | 12 PM | 2 | 237 | 103 | 30 | 25 | 974 | 0 | 0 | |
| 19-03-2019 | 1 PM | 3 | 438 | 206 | 38 | 27 | 1038 | 0 | 1 | |
| 19-03-2019 | 2 PM | 3 | 340 | 179 | 15 | 20 | 828 | 0 | 0 | |
| 19-03-2019 | 3 PM | 3 | 363 | 191 | 10 | 21 | 885 | 0 | 0.5 | |
| 19-03-2019 | 4 PM | 2.5 | 316 | 162 | 10 | 18 | 961 | 0 | 0 | |
| 19-03-2019 | 5 PM | 2.5 | 353 | 170 | 10 | 22 | 905 | 0 | 0 | |
| 19-03-2019 | 6 PM | 3 | 388 | 179 | 13 | 23 | 1046 | 0 | 0 | |
| 19-03-2019 | 7 PM | 3 | 112 | 242 | 5 | 9 | 292 | 0 | 0 | |
| 19-03-2019 | 8 PM | 3 | 0 | 459 | 0 | 0 | 33 | 0 | 0 | |
| 19-03-2019 | 9 PM | 2 | 0 | 366 | 16 | 0 | 22 | 0 | 0 | |
| 19-03-2019 | 10 PM | 2 | 251 | 174 | 84 | 590 | 19 | 0 | 0.5 | |
| 19-03-2019 | 11 PM | 2 | 886 | 35 | 113 | 2422 | 15 | 1.5 | 1 | |
| 20-03-2019 | 12 AM | 2 | 1065 | 8 | 59 | 1705 | 12 | 0 | 1 | |
| 20-03-2019 | 1 AM | 1 | 1860 | 0 | 73 | 2908 | 10 | 3.5 | 1 | |
| | | | | | | | | | | Exceedance in HF is resulted by the interference of sensor by other |
| 20-03-2019 | 2 AM | 0.5 | 2021 | 169 | 93 | 4721 | 7 | 10 | 2 | gases. |
| 20-03-2019 | 3 AM | 2 | 287 | 7 | 11 | 489 | 9 | 0 | 0 | |
| 20-03-2019 | 4 AM | 2 | 1002 | 0 | 36 | 1808 | 9 | 0.5 | 1 | |
| 20-03-2019 | 5 AM | 2 | 1011 | 0 | 43 | 2084 | 8 | 1 | 1 | |

| 20-03-2019 | 6 AM | 2 | 1021 | 32 | 61 | 2467 | 7 | 2 | 1 | |
|------------|-------|-----|------|-----|----|------|-----|---|-----|----------|
| 20-03-2019 | 7 AM | 4.5 | 441 | 14 | 15 | 677 | 7 | 0 | 0 | |
| 20-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 20-03-2019 | 12 PM | 0.5 | 0 | 170 | 0 | 0 | 3 | 0 | 0.5 | Start up |
| 20-03-2019 | 1 PM | 3 | 0 | 448 | 0 | 0 | 13 | 0 | 0.5 | Start up |
| 20-03-2019 | 2 PM | 2.5 | 77 | 287 | 4 | 900 | 22 | 0 | 0.5 | Start up |
| 20-03-2019 | 3 PM | 3 | 1 | 183 | 0 | 0 | 13 | 0 | 0 | Start up |
| 20-03-2019 | 4 PM | 3 | 87 | 157 | 2 | 11 | 34 | 0 | 0 | |
| 20-03-2019 | 5 PM | 3 | 130 | 192 | 7 | 11 | 65 | 0 | 0 | |
| 20-03-2019 | 6 PM | 3 | 0 | 194 | 6 | 3 | 24 | 0 | 0 | |
| 20-03-2019 | 7 PM | 3 | 1 | 217 | 4 | 2 | 15 | 0 | 0 | |
| 20-03-2019 | 8 PM | 3 | 0 | 180 | 36 | 1 | 14 | 0 | 0 | |
| 20-03-2019 | 9 PM | 3 | 105 | 179 | 58 | 7 | 59 | 0 | 0 | |
| 20-03-2019 | 10 PM | 3 | 293 | 173 | 26 | 13 | 823 | 0 | 0 | |
| 20-03-2019 | 11 PM | 3 | 280 | 161 | 17 | 16 | 655 | 0 | 0 | |
| 21-03-2019 | 12 AM | 2 | 375 | 162 | 18 | 19 | 639 | 0 | 1 | |
| 21-03-2019 | 1 AM | 3 | 269 | 133 | 17 | 20 | 798 | 0 | 0 | |
| 21-03-2019 | 2 AM | 2 | 296 | 141 | 15 | 25 | 740 | 0 | 0 | |
| 21-03-2019 | 3 AM | 2.5 | 342 | 156 | 14 | 27 | 805 | 0 | 0 | |
| 21-03-2019 | 4 AM | 3 | 335 | 156 | 14 | 26 | 799 | 0 | 0 | |
| 21-03-2019 | 5 AM | 3 | 344 | 154 | 14 | 28 | 826 | 0 | 0 | |
| 21-03-2019 | 6 AM | 3 | 346 | 153 | 13 | 27 | 872 | 0 | 0 | |
| 21-03-2019 | 7 AM | 3 | 351 | 155 | 13 | 28 | 858 | 0 | 0 | |
| 21-03-2019 | 8 AM | 2 | 328 | 138 | 12 | 26 | 584 | 0 | 0.5 | |
| 21-03-2019 | 9 AM | 2 | 268 | 135 | 20 | 25 | 529 | 0 | 0 | |
| 21-03-2019 | 10 AM | 3 | 335 | 178 | 22 | 26 | 504 | 0 | 0 | |

| | | 4.5 | 202 | 407 | | 22 | 204 | | | |
|------------|-------|-----|-----|------------|----|------|------|-----|-----|---|
| 21-03-2019 | 11 AM | 1.5 | 282 | 137 | 9 | 22 | 384 | 0 | 0 | |
| 21-03-2019 | 12 PM | 2 | 295 | 134 | 7 | 30 | 602 | 0 | 0 | |
| 21-03-2019 | 1 PM | 3 | 257 | 122 | 10 | 26 | 1035 | 0 | 0 | |
| 21-03-2019 | 2 PM | 1.5 | 154 | 57 | 15 | 13 | 3461 | 0 | 1 | |
| 21-03-2019 | 3 PM | 0 | 108 | 278 | 22 | 976 | 1444 | 0 | 1 | Stopping / Unstable |
| 21-03-2019 | 4 PM | 0 | 0 | 399 | 0 | 0 | 26 | 0 | 0 | Stopping / Unstable |
| 21-03-2019 | 5 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Stopping / Unstable |
| 21-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 21-03-2019 | 8 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 21-03-2019 | 9 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 21-03-2019 | 10 PM | 0 | 267 | 119 | 18 | 1095 | 615 | 0.5 | 1 | Start up |
| 21 02 2010 | 11 DM | 0 | 376 | 331 | 32 | 1436 | 821 | 1.5 | 1.5 | Start up /Exceedance in HF is resulted by the interference of sensor by other |
| 21-03-2019 | 11 PM | 0 | | | 2 | 0 | | | | gases. |
| 22-03-2019 | 12 AM | 0.5 | 0 | 335 578 | 2 | 0 | 3 34 | 0 | 1 | |
| 22-03-2019 | 1 AM | 1 | 29 | 955 | 5 | 140 | 105 | 0 | 1 | |
| 22-03-2019 | 2 AM | 1 | 762 | 1159 | 36 | 1521 | 671 | 0.5 | 1 | |
| 22-03-2019 | 3 AM | 0.5 | | | 11 | | | | 0.5 | |
| 22-03-2019 | 4 AM | 0.5 | 91 | 34 | 11 | 397 | 330 | 0 | 0.5 | Stopping / Unstable /Exceedance in HF is resulted by the |
| 22-03-2019 | 5 AM | 1 | 814 | 348 | 80 | 3077 | 2547 | 4 | 2.5 | interference of |

| | | | | | | | | | | sensor by other |
|--|---|--|--------------------------------------|---------------------------------|---------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------|------------------------|
| | | | | | | | | | | gases. |
| | | | | | | | | | | Stopping / |
| | | | | | | | | | | Unstable |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| 22-03-2019 | 6 AM | 1.5 | 1169 | 248 | 41 | 1332 | 1787 | 1 | 2 | sensor by other |
| 22-03-2019 | 6 AIVI | 1.5 | 1105 | 240 | 41 | 1332 | 1787 | | | gases. Stopping / |
| 22-03-2019 | 7 AM | 1.5 | 231 | 303 | 44 | 1003 | 863 | 0 | 0.5 | Unstable |
| 22-03-2013 | / AIVI | 1.0 | 231 | 303 | | 1003 | 000 | 0 | 0.5 | Stopping / |
| | | | | | | | | | | Unstable |
| | | | | | | | | | | Exceedance in HF is |
| | | | | | | | | | | resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | |
| | | | | | | | | | | sensor by other |
| 22-03-2019 | 8 AM | 0 | 288 | 241 | 88 | 4546 | 2017 | 5.5 | 2 | sensor by other gases. |
| 22-03-2019 22-03-2019 | 8 AM 9 AM | 0 - | 288 | 241 | 88 | 4546 - | 2017 | 5.5 | 2 - | · · |
| | | | | | | | | | | · · |
| 22-03-2019 | 9 AM | - | - | - | - | - | - | - | - | · · |
| 22-03-2019 22-03-2019 | 9 AM 10 AM | - | - | - | - | - | - | - | - | · · |
| 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM | | | | | | | - - - | | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM | | - - - | - - - | - - - | - - - | - - - | - - - | | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM | - - - - 1.5 | - - - - 0 | - - - 1 | - - - - 0 | - - - - 2 | - - - - 32 | - - - - 0 | - - - - 1 | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM 2 PM | - - - - 1.5 | - - - - 0 | - - - - 1 | - - - - 0 | - - - - 2 | - - - - 32 | - - - - 0 | - - - - 1 | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM 2 PM 3 PM | - - - 1.5 - | - - - 0 - | - - - 1 - | - - - 0 - | - - - 2 - | - - - 32 - | - - - 0 - | - - - 1 - | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM 2 PM 3 PM 4 PM | - - - - 1.5 - - | - - - 0 - - | - - - 1 - - | - - - 0 - - | - - - 2 - - | - - - 32 - - | - - - - 0 - - | - - - 1 - - | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM 2 PM 3 PM 4 PM 5 PM | - - - 1.5 - - | - - - 0 - - - | - - - 1 - - - | - - - 0 - - - | - - - 2 - - - | - - - 32 - - - | - - - 0 - - - | - - - 1 - - - | · · |
| 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 22-03-2019 | 9 AM 10 AM 11 AM 12 PM 1 PM 2 PM 3 PM 4 PM 5 PM 6 PM | - - - 1.5 - - - - | - - - 0 - - - - | - - - 1 - - - | - - - 0 - - - | - - - 2 - - - - | - - - 32 - - - - | - - - 0 - - - - | - - - 1 - - - | · · |

| | | 1 | | | 1 | 1 | | I | | |
|------------|-------|-----|-----|-----|----|------|-----|---|-----|--------------------------------|
| 22-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 22-03-2019 | 11 PM | - | 1 | 1 | - | - | - | - | - | |
| 23-03-2019 | 12 AM | - | 1 | 1 | - | - | - | - | - | |
| 23-03-2019 | 1 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 3 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 4 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 5 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 6 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 7 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 8 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 9 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 10 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 7 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 9 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 10 PM | - | - | - | - | - | - | - | - | |
| 23-03-2019 | 11 PM | - | - | - | - | - | - | - | - | |
| 24-03-2019 | 12 AM | 0.5 | 3 | 40 | 3 | 25 | 2 | 0 | 1 | Start up |
| 24-03-2019 | 1 AM | 3 | 150 | 306 | 27 | 1185 | 161 | 0 | 1.5 | Start up / Exceedance in HF is |

| | | | | | | | | | | resulted by the interference of sensor by other gases. |
|------------|-------|-----|-----|-----|----|------|------|-----|-----|--|
| 24-03-2019 | 2 AM | 2.5 | 180 | 274 | 29 | 1817 | 63 | 0.5 | 1 | Start up |
| 24-03-2019 | 3 AM | 2.5 | 132 | 140 | 25 | 1520 | 26 | 0 | 1 | Start up |
| 24-03-2019 | 4 AM | 3 | 6 | 54 | 4 | 56 | 204 | 0 | 0 | |
| 24-03-2019 | 5 AM | 3 | 21 | 27 | 7 | 11 | 680 | 0 | 0 | |
| 24-03-2019 | 6 AM | 3.5 | 13 | 58 | 6 | 10 | 339 | 0 | 0 | |
| 24-03-2019 | 7 AM | 4 | 0 | 275 | 13 | 3 | 37 | 0 | 0 | |
| 24-03-2019 | 8 AM | 3.5 | 124 | 420 | 28 | 538 | 25 | 0 | 0 | |
| 24-03-2019 | 9 AM | 3 | 212 | 211 | 25 | 1385 | 29 | 0 | 0 | |
| 24-03-2019 | 10 AM | 2.5 | 417 | 131 | 53 | 2465 | 40 | 1 | 0.5 | |
| 24-03-2019 | 11 AM | 3 | 113 | 245 | 14 | 644 | 217 | 0 | 0 | |
| 24-03-2019 | 12 PM | 3 | 21 | 121 | 3 | 112 | 72 | 0 | 0 | |
| 24-03-2019 | 1 PM | 3 | 75 | 88 | 10 | 337 | 194 | 0 | 0 | |
| 24-03-2019 | 2 PM | 3 | 71 | 55 | 7 | 251 | 231 | 0 | 0 | |
| 24-03-2019 | 3 PM | 3 | 243 | 79 | 17 | 647 | 558 | 0 | 0 | |
| 24-03-2019 | 4 PM | 3 | 150 | 76 | 15 | 453 | 408 | 0 | 0 | |
| 24-03-2019 | 5 PM | 3 | 163 | 57 | 13 | 361 | 521 | 0 | 0 | |
| 24-03-2019 | 6 PM | 3 | 90 | 43 | 11 | 308 | 519 | 0 | 0 | |
| 24-03-2019 | 7 PM | 3 | 129 | 59 | 11 | 288 | 397 | 0 | 0 | |
| 24-03-2019 | 8 PM | 3 | 168 | 65 | 16 | 559 | 535 | 0 | 0 | |
| 24-03-2019 | 9 PM | 3 | 115 | 57 | 11 | 331 | 369 | 0 | 0 | |
| 24-03-2019 | 10 PM | 3 | 37 | 69 | 6 | 105 | 199 | 0 | 0 | |
| 24-03-2019 | 11 PM | 3 | 543 | 159 | 37 | 1651 | 1187 | 1 | 1 | |
| 25-03-2019 | 12 AM | 2 | 481 | 128 | 46 | 2012 | 1243 | 1 | 1 | Unsteady operating |
| 25-03-2019 | 1 AM | 2 | 371 | 110 | 35 | 1490 | 1049 | 0 | 1 | Unsteady operating |
| 25-03-2019 | 2 AM | 2 | 349 | 86 | 29 | 1271 | 1025 | 0 | 1 | Unsteady operating |

| | | | | | | | | | | Unsteady operating /Exceedance in HF is resulted by the interference of sensor by other |
|------------|------|-----|-----|-----|----|------|------|-----|-----|--|
| 25-03-2019 | 3 AM | 2.5 | 593 | 163 | 40 | 1827 | 1372 | 1 | 1.5 | gases. |
| | | | | | | | | | | Unsteady operating / Exceedance in HF is resulted by the interference of sensor by other |
| 25-03-2019 | 4 AM | 2 | 590 | 132 | 44 | 2222 | 1566 | 1.5 | 1.5 | gases. |
| 25-03-2019 | 5 AM | 2 | 513 | 143 | 53 | 2802 | 1622 | 2.5 | 2 | Unsteady operating / Exceedance in HF is resulted by the interference of sensor by other gases. |
| | | | | | | | | | | Unsteady operating / Exceedance in HF is resulted by the interference of sensor by other |
| 25-03-2019 | 6 AM | 2 | 491 | 218 | 70 | 3019 | 1659 | 3 | 2 | gases. Unsteady operating / Exceedance in HF is resulted by the interference of sensor by other |
| 25-03-2019 | 7 AM | 2 | 552 | 214 | 54 | 3182 | 1702 | 3.5 | 2 | gases. |
| 25-03-2019 | 8 AM | 2 | 468 | 231 | 63 | 3124 | 1609 | 3 | 2 | Unsteady operating / Exceedance in HF is resulted by the |

| | | | | | | | | | | interference of |
|------------|-------|-----|-----|-----|----|------|------|-----|-----|--------------------|
| | | | | | | | | | | sensor by other |
| | | | | | | | | | | gases. |
| | | | | | | | | | | Unsteady operating |
| | | | | | | | | | | / Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 25-03-2019 | 9 AM | 1.5 | 579 | 385 | 82 | 3359 | 1642 | 3.5 | 2 | gases. |
| | | | | | | | | | | Unsteady operating |
| | | | | | | | | | | / Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 25-03-2019 | 10 AM | 2 | 419 | 419 | 88 | 3936 | 1011 | 4.5 | 2 | gases. |
| | | | | | | | | | | Unsteady operating |
| | | | | | | | | | | / Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 25-03-2019 | 11 AM | 1 | 339 | 489 | 80 | 3710 | 373 | 4 | 1.5 | gases. |
| 25-03-2019 | 12 PM | 0.5 | 23 | 271 | 22 | 1634 | 83 | 1.5 | 0.5 | Unsteady operating |
| 25-03-2019 | 1 PM | 2 | 379 | 434 | 68 | 3447 | 55 | 6 | 1 | Unsteady operating |
| | | | | | | | | | | Unsteady operating |
| | | | | | | | | | | / Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 25-03-2019 | 2 PM | 1.5 | 378 | 690 | 78 | 4278 | 292 | 4 | 1.5 | gases. |
| 25-03-2019 | 3 PM | 1.5 | 344 | 825 | 26 | 1347 | 722 | 1 | 0.5 | Unsteady operating |
| 25-03-2019 | 4 PM | 2.5 | 0 | 526 | 0 | 0 | 39 | 0 | 0 | Unsteady operating |
| 25-03-2019 | 5 PM | 0 | 9 | 31 | 0 | 107 | 20 | 0 | 0 | Unsteady operating |

| 25-03-2019 | 6 PM | 2.5 | 0 | 205 | 34 | 1 | 29 | 0 | 0 | Unsteady operating |
|------------|-------|-----|-----|-----|-----|-----|------|---|-----|------------------------------|
| 25-03-2019 | 7 PM | 4.5 | 545 | 213 | 51 | 149 | 3111 | 0 | 0.5 | |
| 25-03-2019 | 8 PM | 4.5 | 149 | 135 | 33 | 18 | 1579 | 0 | 0 | |
| 25-03-2019 | 9 PM | 4 | 121 | 61 | 22 | 21 | 2264 | 0 | 0.5 | |
| 25-03-2019 | 10 PM | 4 | 140 | 69 | 19 | 22 | 2203 | 0 | 0.5 | |
| 25-03-2019 | 11 PM | 4 | 147 | 68 | 19 | 52 | 1763 | 0 | 0.5 | |
| 26-03-2019 | 12 AM | 4 | 166 | 71 | 23 | 319 | 1407 | 0 | 0.5 | |
| 26-03-2019 | 1 AM | 4 | 145 | 44 | 29 | 416 | 1736 | 0 | 1 | |
| 26-03-2019 | 2 AM | 4 | 136 | 42 | 24 | 218 | 1703 | 0 | 1 | |
| 26-03-2019 | 3 AM | 4 | 134 | 42 | 24 | 159 | 1805 | 0 | 0.5 | |
| 26-03-2019 | 4 AM | 4 | 96 | 29 | 23 | 36 | 1938 | 0 | 0 | |
| 26-03-2019 | 5 AM | 4 | 83 | 27 | 63 | 22 | 1778 | 0 | 0 | |
| 26-03-2019 | 6 AM | 4 | 76 | 28 | 121 | 22 | 1685 | 0 | 0 | |
| 26-03-2019 | 7 AM | 4 | 94 | 46 | 130 | 22 | 1611 | 0 | 0 | |
| 26-03-2019 | 8 AM | 4 | 106 | 63 | 62 | 20 | 1601 | 0 | 0 | |
| 26-03-2019 | 9 AM | 2.5 | 26 | 547 | 20 | 220 | 912 | 0 | 0.5 | Unsteady operating / tripped |
| 26-03-2019 | 10 AM | 3 | 19 | 110 | 9 | 4 | 783 | 0 | 0.5 | Test run by contractor |
| 26-03-2019 | 11 AM | 2 | 0 | 685 | 3 | 0 | 42 | 0 | 0 | Test run by contractor |
| 26-03-2019 | 12 PM | 2 | 0 | 742 | 1 | 0 | 29 | 0 | 0 | Test run by contractor |
| 26-03-2019 | 1 PM | 2 | 0 | 646 | 1 | 0 | 21 | 0 | 0 | Test run by contractor |
| 26-03-2019 | 2 PM | 2 | 0 | 216 | 1 | 0 | 15 | 0 | 0 | Test run by contractor |
| 26-03-2019 | 3 PM | 2 | 0 | 309 | 0 | 0 | 12 | 0 | 0 | Test run by contractor |
| 26-03-2019 | 4 PM | 2 | 0 | 364 | 0 | 0 | 10 | 0 | 0 | Test run by contractor |

| | | | | | | | | | | Took wine his |
|------------|---------|-----|----|-----|----|-----|-----|---|-----|--------------------------------|
| 26 02 2010 | 5 PM | 2 | 0 | 338 | 0 | 0 | 8 | 0 | 0 | Test run by |
| 26-03-2019 | 5 PIVI | 2 | U | 330 | U | U | 0 | U | U | contractor |
| 25 02 2010 | C DN 4 | 2 | 0 | 328 | 0 | 0 | 6 | 0 | 0 | Test run by |
| 26-03-2019 | 6 PM | 2 | U | 328 | U | U | О | U | U | contractor |
| 25 02 2010 | 7.004 | 2 | 0 | 368 | 0 | 0 | 7 | 0 | 0 | Test run by |
| 26-03-2019 | 7 PM | 2 | U | 308 | U | U | / | U | U | contractor |
| 25 02 2010 | 0.004 | 2 | 0 | 380 | 0 | 0 | 7 | 0 | 0 | Test run by |
| 26-03-2019 | 8 PM | 2 | U | 380 | U | U | / | U | U | contractor |
| 25 02 2010 | 0.004 | 2 | 0 | 378 | 1 | 0 | 7 | 0 | 0 | Test run by |
| 26-03-2019 | 9 PM | 2 | U | 3/6 | 1 | U | / | U | U | contractor |
| 26 02 2010 | 10 PM | 2 | 0 | 384 | 1 | 0 | 6 | 0 | 0 | Test run by |
| 26-03-2019 | 10 PIVI | 2 | 0 | 364 | 1 | 0 | 0 | 0 | 0 | contractor |
| 26-03-2019 | 11 PM | 1.5 | 0 | 376 | 1 | 0 | 5 | 0 | 0 | Test run by contractor |
| 20-03-2019 | 11 PIVI | 1.5 | 0 | 370 | 1 | | , , | 0 | | |
| | | | | | | | | | | Stopping / Unstable / tripping |
| | | | | | | | | | | / Exceedance in HF |
| | | | | | | | | | | is resulted by the |
| | | | | | | | | | | interference of |
| | | | | | | | | | | sensor by other |
| 27-03-2019 | 12 AM | 0.5 | 1 | 189 | 13 | 547 | 58 | 0 | 3 | gases. |
| | | | | | | | | | | Stopping / |
| 27-03-2019 | 1 AM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Unstable |
| 27-03-2019 | 2 AM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 3 AM | 1 | 36 | 56 | 5 | 3 | 437 | 0 | 0.5 | Start up / Unstable |
| 27-03-2019 | 4 AM | 2 | 0 | 302 | 4 | 0 | 66 | 0 | 0 | Start up / Unstable |
| 27-03-2019 | 5 AM | 2 | 0 | 330 | 0 | 0 | 22 | 0 | 0 | Start up / Unstable |
| 27-03-2019 | 6 AM | 2 | 0 | 221 | 0 | 0 | 15 | 0 | 0 | Start up / Unstable |
| 27-03-2019 | 7 AM | 2 | 0 | 209 | 0 | 0 | 11 | 0 | 0 | |
| 27-03-2019 | 8 AM | 2 | 0 | 183 | 0 | 0 | 8 | 0 | 0 | |
| 27-03-2019 | 9 AM | 2 | 0 | 133 | 2 | 0 | 7 | 0 | 0 | |
| 27-03-2019 | 10 AM | 2 | 0 | 392 | 3 | 1 | 7 | 0 | 0 | |
| | | | | | _ | I . | I . | | _ | |

| | | | | | T | | | I | | |
|------------|-------|-----|----|-----|----|-----|-----|---|-----|---|
| 27-03-2019 | 11 AM | 2 | 0 | 446 | 5 | 0 | 8 | 0 | 0 | |
| 27-03-2019 | 12 PM | 2 | 0 | 282 | 7 | 0 | 6 | 0 | 0 | |
| 27-03-2019 | 1 PM | 2 | 0 | 250 | 9 | 0 | 5 | 0 | 0 | |
| 27-03-2019 | 2 PM | 2 | 0 | 315 | 37 | 0 | 4 | 0 | 0 | |
| 27-03-2019 | 3 PM | 2 | 0 | 333 | 28 | 0 | 4 | 0 | 0 | |
| 27-03-2019 | 4 PM | 2 | 0 | 151 | 15 | 0 | 8 | 0 | 0 | |
| 27-03-2019 | 5 PM | 2 | 0 | 185 | 12 | 0 | 8 | 0 | 0 | |
| 27-03-2019 | 6 PM | 1 | 0 | 291 | 6 | 0 | 2 | 0 | 0 | Stopping / Unstable |
| 27-03-2019 | 7 PM | 0 | 0 | 243 | 2 | 0 | 10 | 0 | 0 | Stopping / Unstable |
| 27-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 27-03-2019 | 9 PM | 0 | 0 | 59 | 0 | 0 | 11 | 0 | 0.5 | |
| 27-03-2019 | 10 PM | 3 | 0 | 411 | 1 | 1 | 27 | 0 | 0 | Start up / Unstable |
| 27-03-2019 | 11 PM | 2.5 | 0 | 320 | 0 | 0 | 17 | 0 | 0 | Start up / Unstable |
| | | | | 420 | | 200 | | | 4.5 | Start up / Unstable / Exceedance in HF is resulted by the interference of sensor by other |
| 28-03-2019 | 12 AM | 2 | 66 | 130 | 9 | 288 | 8 | 0 | 1.5 | gases. |
| 28-03-2019 | 1 AM | 2.5 | 0 | 102 | 1 | 0 | 26 | 0 | 0 | Start up / Unstable |
| 28-03-2019 | 2 AM | 2 | 0 | 234 | 1 | 0 | 21 | 0 | 0 | |
| 28-03-2019 | 3 AM | 1 | 12 | 175 | 0 | 3 | 109 | 0 | 0 | |
| 28-03-2019 | 4 AM | 0.5 | 11 | 181 | 0 | 35 | 201 | 0 | 0 | |
| 28-03-2019 | 5 AM | 2 | 0 | 344 | 0 | 0 | 38 | 0 | 0 | |
| 28-03-2019 | 6 AM | 2 | 0 | 187 | 0 | 0 | 18 | 0 | 0 | |
| 28-03-2019 | 7 AM | 2 | 0 | 205 | 15 | 0 | 11 | 0 | 0 | |
| 28-03-2019 | 8 AM | 2 | 0 | 189 | 83 | 0 | 9 | 0 | 0 | |
| 28-03-2019 | 9 AM | 2 | 0 | 148 | 90 | 0 | 7 | 0 | 0 | |

| 28-03-2019 | 10 AM | 2 | 0 | 176 | 37 | 0 | 6 | 0 | 0 | |
|------------|-------|-----|------|-----|----|------|-----|-----|-----|---------------------|
| 28-03-2019 | 11 AM | 2 | 0 | 176 | 14 | 0 | 6 | 0 | 0 | |
| 28-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 28-03-2019 | 2 PM | 1.5 | 33 | 114 | 8 | 4 | 330 | 0 | 0.5 | Start up / Unstable |
| 28-03-2019 | 3 PM | 2 | 0 | 422 | 9 | 0 | 26 | 0 | 0 | Start up / Unstable |
| 28-03-2019 | 4 PM | 0.5 | 0 | 392 | 5 | 0 | 11 | 0 | 0 | Start up / Unstable |
| 28-03-2019 | 5 PM | 0.5 | 4 | 0 | 4 | 2 | 570 | 0 | 0.5 | Start up / Unstable |
| 28-03-2019 | 6 PM | 2 | 0 | 221 | 4 | 1 | 76 | 0 | 0 | Start up / Unstable |
| 28-03-2019 | 7 PM | 2 | 0 | 242 | 2 | 0 | 20 | 0 | 0 | 1 . |
| 28-03-2019 | 8 PM | 2 | 0 | 173 | 5 | 0 | 15 | 0 | 0 | |
| 28-03-2019 | 9 PM | 1.5 | 0 | 273 | 40 | 0 | 12 | 0 | 0 | |
| 28-03-2019 | 10 PM | 2 | 0 | 110 | 37 | 0 | 10 | 0 | 0 | |
| 28-03-2019 | 11 PM | 2 | 0 | 187 | 20 | 0 | 9 | 0 | 0 | |
| 29-03-2019 | 12 AM | 2 | 0 | 169 | 17 | 0 | 8 | 0 | 0 | |
| 29-03-2019 | 1 AM | 1.5 | 24 | 273 | 20 | 37 | 11 | 0 | 0 | |
| 29-03-2019 | 2 AM | 1.5 | 1183 | 283 | 52 | 1197 | 876 | 1.5 | 0.5 | |
| 29-03-2019 | 3 AM | 2.5 | 0 | 159 | 17 | 0 | 32 | 0 | 0 | |
| 29-03-2019 | 4 AM | 2 | 58 | 345 | 19 | 45 | 29 | 0 | 0 | |
| 29-03-2019 | 5 AM | 2.5 | 0 | 91 | 19 | 0 | 35 | 0 | 0 | |
| 29-03-2019 | 6 AM | 2 | 0 | 163 | 15 | 0 | 16 | 0 | 0 | |
| 29-03-2019 | 7 AM | 2 | 0 | 189 | 11 | 0 | 12 | 0 | 0 | |
| 29-03-2019 | 8 AM | 2 | 0 | 255 | 10 | 0 | 10 | 0 | 0 | Stopping |
| 29-03-2019 | 9 AM | 1.5 | 0 | 400 | 10 | 0 | 7 | 0 | 0.5 | Stopping |
| 29-03-2019 | 10 AM | 0.5 | 0 | 358 | 11 | 0 | 1 | 0 | 0.5 | Stopping |
| 29-03-2019 | 11 AM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 12 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 1 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 2 PM | - | - | - | - | - | - | - | - | |

| | | | | | l | | | | | |
|------------|-------|-----|---|-----|----|---|----|---|-----|--------------|
| 29-03-2019 | 3 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 4 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 5 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 6 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 7 PM | - | • | 1 | - | - | - | 1 | - | |
| 29-03-2019 | 8 PM | - | - | - | - | - | - | - | - | |
| 29-03-2019 | 9 PM | 0.5 | 0 | 82 | 14 | 0 | 6 | 0 | 0.5 | Start up |
| 29-03-2019 | 10 PM | 3 | 0 | 407 | 20 | 0 | 21 | 0 | 0 | Start up |
| 29-03-2019 | 11 PM | 3 | 0 | 305 | 7 | 0 | 17 | 0 | 0 | Start up |
| 30-03-2019 | 12 AM | 3 | 0 | 173 | 4 | 0 | 13 | 0 | 0 | |
| 30-03-2019 | 1 AM | 3 | 0 | 240 | 3 | 0 | 11 | 0 | 0 | ASP unstable |
| 30-03-2019 | 2 AM | 3 | 0 | 246 | 0 | 0 | 10 | 0 | 0 | ASP unstable |
| 30-03-2019 | 3 AM | 3 | 0 | 274 | 0 | 0 | 7 | 0 | 0 | ASP unstable |
| 30-03-2019 | 4 AM | 3 | 0 | 295 | 0 | 0 | 5 | 0 | 0 | ASP unstable |
| 30-03-2019 | 5 AM | 3 | 0 | 285 | 0 | 0 | 4 | 0 | 0 | ASP unstable |
| 30-03-2019 | 6 AM | 3 | 0 | 256 | 0 | 0 | 4 | 0 | 0 | ASP unstable |
| 30-03-2019 | 7 AM | 3 | 0 | 239 | 6 | 0 | 3 | 0 | 0 | ASP unstable |
| 30-03-2019 | 8 AM | 3 | 0 | 163 | 5 | 0 | 2 | 0 | 0 | |
| 30-03-2019 | 9 AM | 3 | 0 | 113 | 2 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 10 AM | 3 | 0 | 86 | 1 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 11 AM | 3 | 0 | 93 | 0 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 12 PM | 3 | 0 | 98 | 1 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 1 PM | 3 | 0 | 96 | 0 | 1 | 3 | 0 | 0 | |
| 30-03-2019 | 2 PM | 3 | 0 | 151 | 0 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 3 PM | 3 | 0 | 106 | 0 | 2 | 3 | 0 | 0 | |
| 30-03-2019 | 4 PM | 3 | 0 | 97 | 3 | 2 | 2 | 0 | 0 | |
| 30-03-2019 | 5 PM | 3 | 0 | 100 | 40 | 3 | 1 | 0 | 0 | |
| 30-03-2019 | 6 PM | 3 | 0 | 91 | 17 | 1 | 2 | 0 | 0 | |
| 30-03-2019 | 7 PM | 3 | 0 | 65 | 4 | 2 | 6 | 0 | 0 | |

| 30-03-2019 | 8 PM | 3 | 0 | 91 | 1 | 2 | 6 | 0 | 0 | |
|------------|-------|-----|---|-----|-----|---|----|---|---|---------------------|
| 30-03-2019 | 9 PM | 3 | 0 | 86 | 0 | 2 | 4 | 0 | 0 | |
| 30-03-2019 | 10 PM | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | |
| 30-03-2019 | 11 PM | 0 | 0 | 3 | 0 | 0 | 9 | 0 | 0 | |
| 31-03-2019 | 12 AM | 3 | 0 | 50 | 3 | 1 | 34 | 0 | 0 | |
| 31-03-2019 | 1 AM | 3 | 0 | 57 | 3 | 1 | 24 | 0 | 0 | |
| 31-03-2019 | 2 AM | 3 | 0 | 38 | 3 | 1 | 70 | 0 | 0 | Unstable / Tripping |
| 31-03-2019 | 3 AM | 3 | 0 | 29 | 4 | 2 | 95 | 0 | 0 | Unstable / Tripping |
| 31-03-2019 | 4 AM | 1.5 | 0 | 25 | 2 | 1 | 43 | 0 | 0 | Unstable / Tripping |
| 31-03-2019 | 5 AM | 0 | 2 | 0 | 0 | 0 | 87 | 0 | 0 | Unstable / Tripping |
| 31-03-2019 | 6 AM | 0 | 0 | 8 | 0 | 1 | 34 | 0 | 0 | |
| 31-03-2019 | 7 AM | 0 | 0 | 50 | 0 | 0 | 6 | 0 | 0 | |
| 31-03-2019 | 8 AM | 0 | 0 | 30 | 0 | 0 | 3 | 0 | 0 | |
| 31-03-2019 | 9 AM | 0 | 0 | 40 | 0 | 0 | 3 | 0 | 0 | |
| 31-03-2019 | 10 AM | 1 | 0 | 122 | 3 | 0 | 5 | 0 | 0 | |
| 31-03-2019 | 11 AM | 2 | 0 | 143 | 7 | 0 | 9 | 0 | 0 | |
| 31-03-2019 | 12 PM | 1 | 0 | 103 | 4 | 0 | 4 | 0 | 0 | |
| 31-03-2019 | 1 PM | 2 | 0 | 202 | 7 | 0 | 6 | 0 | 0 | |
| 31-03-2019 | 2 PM | 1 | 0 | 134 | 4 | 0 | 4 | 0 | 0 | |
| 31-03-2019 | 3 PM | 1 | 0 | 83 | 4 | 0 | 3 | 0 | 0 | |
| 31-03-2019 | 4 PM | 2 | 0 | 202 | 30 | 0 | 4 | 0 | 0 | |
| 31-03-2019 | 5 PM | 2 | 0 | 239 | 109 | 0 | 3 | 0 | 0 | |
| 31-03-2019 | 6 PM | 3 | 0 | 211 | 135 | 0 | 1 | 0 | 0 | |
| 31-03-2019 | 7 PM | 0 | 0 | 61 | 47 | 0 | 0 | 0 | 0 | |
| 31-03-2019 | 8 PM | 1 | 0 | 215 | 25 | 0 | 0 | 0 | 0 | |
| 31-03-2019 | 9 PM | 3 | 0 | 316 | 16 | 0 | 1 | 0 | 0 | |
| 31-03-2019 | 10 PM | 2.5 | 0 | 306 | 6 | 0 | 1 | 0 | 0 | |
| 31-03-2019 | 11 PM | 2.5 | 0 | 209 | 5 | 0 | 1 | 0 | 0 | |

Annex H

Waste Flow Table

Annex H1

Construction Phase Waste Flow Table

No. EP/SP/61/10 of Organic Resources Recovery Centre (Phase I) Monthly Summary Waste Flow Table

| | | Actual Quant | ities of Inert C&D Mate | rials Generated | | Actual Quar | 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 | 4167.01 | 0.00 | 0.00 | 0.00 | 4167.01 | 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 | 35000.00 | 0.00 | 0.00 | 40.76 |
| June 2016 | 1144.73 | 30.43 | 0.00 | 0.00 | 1114.30 | 14600.00 | 120.00 | 0.00 | 0.00 | 58.34 |
| July 2016 | 662.76 | 0.00 | 0.00 | 0.00 | 662.76 | 13370.00 | 0.00 | 0.00 | 0.00 | 40.48 |
| August 2016 | 391.88 | 0.00 | 0.00 | 0.00 | 391.88 | 18660.00 | 84.00 | 0.00 | 0.00 | 61.91 |
| September 2016 | 324.35 | 0.00 | 0.00 | 0.00 | 324.35 | 56800.00 | 2780.00 | 0.00 | 0.00 | 138.25 |
| October 2016 | 1561.82 | 39.00 | 0.00 | 0.00 | 1522.82 | 40000 | 9.30 | 0.00 | 700.00 | 114.47 |
| November 2016 | 897.23 | 507.94 | 00.00 | 0.00 | 389.76 | 0.00 | 123.00 | 0.00 | 0.00 | 154.22 |
| December 2016 | 2477.95 | 489.00 | 0.00 | 0.00 | 1988.95 | 2960.00 | 93.00 | 0.00 | 0.00 | 136.80 |
| January 2017 | 2150.92 | 503.60 | 0.00 | 0.00 | 1647.32 | 31240.00 | 21051.00 | 3630.00 | 0.00 | 127.43 |

| | | Actual Quant | ities of Inert C&D Mate | rials Generated | | Actual Quar | 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 |
| February 2017 | 553.80 | 440.00 | 0.00 | 0.00 | 113.80 | 14940.00 | 18820.00 | 2880.00 | 460.00 | 83.46 |
| March 2017 | 665.93 | 460.00 | 0.00 | 0.00 | 205.93 | 11660.00 | 29370.00 | 4400.00 | 660.00 | 99.59 |
| April 2017 | 553.41 | 220.00 | 0.00 | 0.00 | 333.41 | 8600.00 | 25610.00 | 520.00 | 700.00 | 81.83 |
| May 2017 | 388.82 | 211.00 | 0.00 | 0.00 | 177.82 | 1090.00 | 64.00 | 0.00 | 0.00 | 109.10 |
| June 2017 | 352.12 | 104.00 | 0.00 | 0.00 | 248.12 | 1800.00 | 16400.00 | 12030.00 | 700.00 | 70.58 |
| July 2017 | 400.72 | 165.00 | 0.00 | 0.00 | 235.72 | 6500.00 | 12330.00 | 4690.00 | 0.00 | 52.20 |
| August 2017 | 589.89 | 202.00 | 0.00 | 0.00 | 387.89 | 23330.00 | 27079.00 | 5220.00 | 700.00 | 69.52 |
| September 2017 | 3347.18 | 1364.00 | 0.00 | 0.00 | 1983.18 | 33379.00 | 29426.00 | 3990.00 | 0.00 | 62.82 |
| October 2017 | 2384.86 | 984.00 | 0.00 | 0.00 | 1400.86 | 11842.00 | 34071.00 | 5230.00 | 0.00 | 74.13 |
| November 2017 | 797.42 | 384.18 | 0.00 | 0.00 | 413.24 | 20210.00 | 25225.00 | 4030.00 | 0.00 | 163.03 |
| December 2017 | 106.32 | 51.00 | 0.00 | 0.00 | 55.32 | 17650.00 | 19520.00 | 3210.00 | 0.00 | 82.23 |
| January 2018 | 283.65 | 125.83 | 0.00 | 0.00 | 157.82 | 12900.00 | 15600.00 | 12330.00 | 0.00 | 30.93 |
| February 2018 | 122.31 | 55.70 | 0.00 | 0.00 | 66.61 | 10950.00 | 13260.00 | 6570.00 | 0.00 | 16.95 |
| March 2018 | 217.06 | 99.80 | 0.00 | 0.00 | 117.26 | 12260.00 | 12120.00 | 5960.00 | 0.00 | 32.53 |
| April 2018 | 1118.36 | 460.58 | 0.00 | 0.00 | 657.78 | 16320.00 | 12590.00 | 6280.00 | 0.00 | 33.90 |
| May 2018 | 475.54 | 198.85 | 0.00 | 0.00 | 276.69 | 15230.00 | 11024.00 | 0.00 | 0.00 | 40.02 |
| June 2018 | 684.10 | 256.50 | 0.00 | 0.00 | 427.60 | 14320.00 | 10260.00 | 2630.00 | 0.00 | 43.01 |
| July 2018 | 93.99 | 42.00 | 0.00 | 0.00 | 51.99 | 11220.00 | 6200.00 | 0.00 | 0.00 | 59.77 |
| August 2018 | 528.56 | 225.00 | 0.00 | 0.00 | 303.56 | 13620.00 | 33400.00 | 26760.00 | 0.00 | 44.50 |
| September 2018 | 765.70 | 325.00 | 0.00 | 0.00 | 440.70 | 10600.00 | 4500.00 | 0.00 | 0.00 | 41.82 |
| October 2018 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2330.00 | 0.00 | 0.00 | 109.49 |
| November 2018 | 77.71 | 0.00 | 0.00 | 0.00 | 77.71 | 0.00 | 0.00 | 0.00 | 0.00 | 30.18 |
| December 2018 | 88.43 | 0.00 | 0.00 | 0.00 | 88.43 | 0.00 | 0.00 | 0.00 | 0.00 | 5.72 |
| January 2019 | 21.13 | 0.00 | 0.00 | 0.00 | 21.13 | 0.00 | 0.00 | 0.00 | 1880.00 | 4.55 |

| | | Actual Quant | rities of Inert C&D Mate | rials Generated | | Actual Quan | tities 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 |
| February 2019 | 326.44 | 0.00 | 0.00 | 0.00 | 326.44 | 0.00 | 0.00 | 0.00 | 0.00 | 26.69 |
| March 2019 | 190.4 | 0.00 | 0.00 | 0.00 | 190.40 | 0.00 | 0.00 | 0.00 | 0.00 | 16.45 |
| Total | 64836.84 | 8222.28 | 0.00 | 0.00 | 56614.56 | 605001.00 | 418801.30 | 110360.00 | 6695.00 | 2697.28 |

Notes:

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

Annex H2

Operation Phase Waste Flow Table

No. EP/SP/61/10 of Organic Resources Recovery Centre (Phase 1) Monthly Summary Waste Flow Table

| | | Waste Generated from Pretreatment Process | | | General Refuse | | | | | | | | |
|------------|----------------|--|---------------------|---|--------------------------|-------------------------|-------|-------------------|-----------|------------------------------|----------|-------------------|----------|
| Month | Chemical Waste | Disposed of at Landfill (see Note 1) | Metals (see Note 2) | Paper/ cardboard packaging (see Note 2) | Plastics (see Note 3) | Dispose Landfill (se | | Metals (se | e Note 2) | Paper/ ca packaging 2) | | Plas (see No | |
| | Litre | tonne | kilogram | kilogram | kilogram | No. of collection | tonne | No. of collection | kilogram | No. of collection | kilogram | No. of collection | kilogram |
| March 2019 | 1,200 | 477.08 | 0.00 | 0.00 | 0.00 | 26 | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 1,200 | 477.08 | 0.00 | 0.00 | 0.00 | 26 | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 |

Notes:

- 1. General refuse was disposed of at NENT by subcontractors.
- 2. Metal and paper/cardboard packaging were collected by recycler for recycling.
- 3. Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material collected by recycler for recycling.
- 4. It was assumed that two 240-litre bins filled with 80% of general refuse were collected at each collection. The general refuse density was assumed to be around 0.15 kg/L.

Annex I

Environmental Complaint, Environmental Summons and Persecution Log

Annex I 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 |
| September 2016 | 0 | 0 |
| October 2016 | 0 | 0 |

| Reporting Month | Number of Complaints in Reporting Month | Number of Summons/Prosecutions in Reporting Month |
|-----------------|---|---|
| November 2016 | 0 | 0 |
| December 2016 | 0 | 0 |
| January 2017 | 0 | 0 |
| February 2017 | 0 | 0 |
| March 2017 | 0 | 0 |
| April 2017 | 0 | 0 |
| May 2017 | 0 | 0 |
| June 2017 | 0 | 0 |
| July 2017 | 0 | 0 |
| August 2017 | 0 | 0 |
| September 2017 | 0 | 0 |
| October 2017 | 0 | 0 |
| November 2017 | 0 | 0 |
| December 2017 | 0 | 0 |
| January 2018 | 0 | 0 |
| February 2018 | 0 | 0 |
| March 2018 | 0 | 0 |
| April 2018 | 0 | 0 |
| May 2018 | 0 | 0 |
| June 2018 | 0 | 0 |
| | | |

| Reporting Month | Number of Complaints in Reporting Month | Number of Summons/Prosecutions in Reporting Month |
|-----------------|---|---|
| July 2018 | 0 | 0 |
| August 2018 | 0 | 0 |
| September 2018 | 1 | 0 |
| October 2018 | 0 | 0 |
| November 2018 | 0 | 0 |
| December 2018 | 0 | 0 |
| January 2019 | 0 | 0 |
| February 2019 | 0 | 0 |
| March 2019 | 0 | 0 |
| Overall Total | 1 | 0 |

Annex J

Odour Monitoring Result

Annex J1

Odour Patrol Result



| Date | 1 / 3 / 2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny / (Cloud) / Windy / Humid / Foggy / |
| Average Temperature (°C) | 23. |
| Average Relative Humidity (%) | 77.8 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|--------------------------|--------|
| Location 1 | 10:37 | 0/1/2/3/4 | PI:0 Brogas | ntermittent / Continuous | Biogas Holder | |
| Location 2 | 10:38 | 0/1/2/3/4 | [2.1 | Intermittent / Continuous | | |
| Location 3 | 10:39 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 4 | 10:42 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 10:44 | 0/0/2/3/4 | Ctrass | Intermitten) / Continuous | Grass | |
| Location 6 | 10:46 | 0/1/2/3/4 | PI: Binans | Intermitten / Continuous | Biogas Holder | |
| Location 7 | 10:49 | 0/1/2/3/4 | PI: 1 Biogas | Intermitten / Continuous | Biogas Holder | |
| Location 8 | | 0/1/2/3/4 | 72.0 | Intermittent / Continuous | | |

| Remark | | |
|--------|--|--|

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | Tolwin Wong | HO Isz kin | Sarah Ho |
| Signature | Fas | NA | 5 | * | Sarah |
| Date | 1/3/2019 | 7411 | 1/3/2019 | 1/3/2019 | 1/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 1/3/2019 | |
|-------------------------------|--|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / | |
| Weather Condition | Sunny / Cloudy / Windy / Humid / Foggy / | |
| Average Temperature (°C) | 22.5 | |
| Average Relative Humidity (%) | 80.2 | |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 17:05 | 0/0/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 2 | 17:06 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 3 | 17:07 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 4 | 17:09 | 0/1/2/3/4 | - 3 | Intermittent / Continuous | 9 | |
| Location 5 | 17:11 | 0/10/2/3/4 | Grass | Intermittent / Continuous | Grass | |
| Location 6 | 17:13 | 0/1/2/3/4 | 3 100 | Intermittent / Continuous | | |
| Location 7 | 17:16 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 8 | 17:17 | W + 4 / W / W / | PI: 1 Rubbish | Intermittent / Continuous | Rubbish Truck | |

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| 1/ | · | 11 | 10 | L E | n |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | Edwin Wong | Ho Tsz kin | Sarah Ho |
| Signature | Fral | NA | Fu | * | Saval |
| Date | 1/3/>019 | , , , , | 1-3-2019 | 1-3-2019 | 1/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 4/3/2019 | |
|-------------------------------|--|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / | |
| Weather Condition | Sunny / Cloudy / Windy / Humid / Foggy / | |
| Average Temperature (°C) | 23.8 | |
| Average Relative Humidity (%) | 66 | |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 11:07 | 0/0/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 2 | 11:09 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 3 | 11:10 | 0/0/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 4 | 11:13 | 0/1/2/3/4 | , J.,- | Intermittent / Continuous | J | |
| Location 5 | 11:15 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 11:19 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 7 | 11:25 | 0/10/2/3/4 | Diesel | Intermittent / Continuous | Machine | |
| Location 8 | 11:26 | 0/1/2/3/4 | 2,1325 | Intermittent / Continuous | | |

| Remark | | | |
|--------|--|--|--|
| | | | |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | TESS CHAN | | | | Sarah Ho |
| Signature | Jess | NA | NA | NA | Sounh |
| Date | 04 MAR 2019 | | | .,,,, | 4/3/201 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 8/3/2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny / Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 20. |
| Average Relative Humidity (%) | 71 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 10:09 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 10:11 | 0/11/2/3/4 | Biogas | Intermitten / Continuous | Biogas Holder | |
| Location 3 | 10:12 | (0)/1/2/3/4 | J | Intermittent / Continuous | 21.5 | |
| Location 4 | 10:15 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 10:19 | 0/(1)/2/3/4 | Ctrass | Intermittent / Continuous | Grass | |
| Location 6 | 10:22 | 0/11/2/3/4 | Rubbish | Intermittent Continuous | Unknown source | |
| Location 7 | 10:29 | 0/(1)/2/3/4 | Engine | (Intermittent) Continuous | Truck | |
| Location 8 | (0:31 | (D) 1/2/3/4 | 0 | Intermittent / Continuous | 10-11-1 | |

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|---|---|---|---|---|---|
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| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | | | Sarah Ho |
| Signature | Frond | NA | NA | NA | Saval |
| Date | 8/3/2019 | | 13.1-1 | | 8/3/201 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 11/3/2019 |
|-------------------------------|--|
| Type of Patrol | (Weekly Patrol) / Monthly Independent Patrol / |
| Weather Condition | Sunny / Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 24.8 |
| Average Relative Humidity (%) | 50 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 14:03 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 14:06 | Q/(1)/2/3/4 | Biogas (strong) | Intermittent / Continuous | Biogas Holder | |
| Location 3 | 14:07 | 0)/0/2/3/4 | wastewater | Intermittent / Continuous | Desulphurisation Unit area | |
| Location 4 | 14:11 | (0)/1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 14:13 | (0)/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 14:17 | (1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 14:22 | (0)/1/2/3/4 | | Intermittent / Continuous | | |
| Location 8 | 14:23 | OY1/2/3/4 | | Intermittent / Continuous | | |

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| -11 | æ | 111 | а | | P. |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | | | 1737 XUB |
| Signature | Faul | NA | NA | NA | Sarah Hol Sarah |
| Date | 11/3/2019 | 10.1 | 1411 | 7.4/1 | 11/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 13 /3 /2019 |
|-------------------------------|---|
| Type of Patrol | (Weekly Patro) / Monthly Independent Patrol / |
| Weather Condition | Sunny Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 26.8 |
| Average Relative Humidity (%) | 50 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 13:31 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 13:33 | 0/1/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 3 | 13:34 | 0/1/2/3/4 | 2109.02 | Intermittent / Continuous | p. 0 1 (1) | |
| Location 4 | 13:36 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 13:38 | @/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 13:41 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 13:44 | 0/(1)/2/3/4 | oil | Intermittent / Continuous | Macline | |
| Location 8 | 13:46 | (0)/1/2/3/4 | | Intermittent / Continuous | 1,000 | |

Remark

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | TESS CHAN | | | | Sarah HO |
| Signature | 4001 | NA | NA | NA | Savah |
| Date | 13 MAR 2019 | | | 1,574 | 13/3/201 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened Stack emission Sewage food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 15 March 2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny / Cloudy Windy / Humid / Foggy / |
| Average Temperature (°C) | 22.8 |
| Average Relative Humidity (%) | 70% |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|----------------------------|---|--------|
| Location 1 | 10:59 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 11:02 | 0/10/2/3/4 | Biogas small/plastic | Intermittent /- Continuous | Biogas Hild PRV | |
| Location 3 | 11:03 | 0/(1)/2/3/4 | 30012 small | Intermittent / Continuous | Leta mu Andrior | |
| Location 4 | 11:05 | 0/1/2/3/4 | 200 | Intermittent / Continuous | PASS PASS PASS PASS PASS PASS PASS PASS | |
| Location 5 | 11:06 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 11:09 | 0)1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 11-11 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 8 | 11:13 | 0)/1/2/3/4 | | Intermittent / Continuous | | |

| Remark | | | |
|--------|--|--|--|
| | | | |
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| | | | |
| | | | |
| | | | |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | TEG PARIL | | | | - bience CHAN |
| Signature | Jess | | | | - Lun |
| Date | IT MAR ZUIP | | | | 15/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 18 Mar 2019 | |
|-------------------------------|--|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / | |
| Weather Condition | Sunny Cloudy / Windy / Humid / Foggy / | |
| Average Temperature (°C) | 26°C | |
| Average Relative Humidity (%) | 65% | |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|------------------------------|--------|
| Location 1 | 14:14 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 14:15 | 0/10/2/3/4 | Hostic Smell | Intermittent / Continuous | PRV of Gas Holder | |
| Location 3 | 14:16 | 0/1/2/3/4 | 1.03.00 -11-01 | Intermittent / Continuous | 112 | |
| Location 4 | 14:19 | 0 1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 14:21 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 14:23 | 0/10/2/3/4 | Soil Smell | Intermittent Continuous | Landscap works newly at a | 18/6 |
| Location 7 | 14:26 | 0/1/2/3/4 | | Intermittent / Continuous | remaining the control of the | 401 |
| Location 8 | 14:27 | 0/1/2/3/4 | | Intermittent / Continuous | | |

Remark

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | Dariel Char | 2 | | / | France CHAN |
| Signature | 2 l | | | | (0 |
| Date | 18/2/2018 | | | | 18/3/201 |

Example of Odour Characteristics

Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/
Diesel / ammoniacal/ dischargeable odour/ putrefaction/
sharp/ pungent/ fish/ irritating/ fruit/ vinegar

Example of Possible Source of Odour

PRVs of Gas Holder / Sediment/ Water / SSOW Trucks
Doors Opened / Stack emission / Sewage / food waste/
Pretreatment / Machine Operation / Material / others /



| Date | 20 Mar 2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny (Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 25°C |
| Average Relative Humidity (%) | 80% |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-------------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 11.05 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 11:07 | 01(1)/2/3/4 | Plastic small | Intermittent / Continuous | PSV of Gartollan | - |
| Location 3 | Mink | 0 1 1 / 2 / 3 / 4 | 021/2 3816 | Intermittent / Continuous | | |
| Location 4 | 11:10 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 5 | 11:12 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 11:14 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 11:16 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 8 | 1817 | 0/1/2/3/4 | | Intermittent / Continuous | | |

| Remark | | | |
|--------|--|--|--|
| | | | |
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| | | | |
| | | | |
| | | | |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | Daviel Cho. | | | | Telepice STAN |
| Signature | 2 | | | | - |
| Date | 20/3/2019 | | / | / | 2013/201 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 22 Mar 2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny Cloud / Windy / Humid / Foggy / |
| Average Temperature (°C) | 276 |
| Average Relative Humidity (%) | 8570 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 1:04 | (0)/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 1:06 | 0/0/2/3/4 | Plastic Smell | Intermitten / Continuous | PSV of Gos Holder | |
| Location 3 | 1:07 | 0/0/2/3/4 | HS smell | Intermittent Continuous | desighen Analycon | |
| Location 4 | 1:10 | 0/1/2/3/4 | 1222120(1 | Intermittent / Continuous | | |
| Location 5 | 1112 | 0/0/2/3/4 | Glass smell | Intermittent Continuous | Landance | |
| Location 6 | 1:16 | (0) 1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 1:17 | 0/11/2/3/4 | Rublish Smell | Intermittent/ Continuous | Retreative 1 | |
| Location 8 | 1:19 | 00/2/3/4 | Ruhbish Spell | (ntermittent) Continuous | unknow | |

| Remark | |
|--------|--|
|--------|--|

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIBNA LAM | / | / | / | Terence CHAN |
| Signature | Final | | | | tu |
| Date | >>/3/2019 | | | | 22/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour |
|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / |



| Date | 25 / 3 / 2019 |
|-------------------------------|---|
| Type of Patrol | Weekly Patrol/ Monthly Independent Patrol / |
| Weather Condition | Sunny / Cloudy/ Windy / Humid / Foggy / |
| Average Temperature (°C) | 23.3 |
| Average Relative Humidity (%) | 70 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 11:06 | 0/0/2/3/4 | Grass Smell | Intermittens / Continuous | Grass | |
| Location 2 | 11:08 | 0/10/2/3/4 | Biogas | Intermittent / Continuous | Biogas Holder | |
| Location 3 | 11:10 | 0/10/2/3/4 | His | Intermittent / Continuous | Desulpharization linit | |
| Location 4 | 11:13 | 0/1/2/3/4 | | Intermittent / Continuous | 7 | |
| Location 5 | 11:16 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 11:18 | 0/0/2/3/4 | Compost | Intermittent / Continuous | Composting Hall | |
| Location 7 | 11:22 | 0/(1)/2/3/4 | Generator | Intermittent / Continuous | Electric Generator | |
| Location 8 | 11:25 | 0/1/2/3/4 | CIOIM A ASCI. | Intermittent / Continuous | 1-10100 | |

| - | | | | | |
|----|---|---|---|---|---|
| 15 | D | m | 9 | * | L |

| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | | | Sarah HO |
| Signature | FEAS | NA | NA | NA | Sarah |
| Date | 25/3/2019 | | 1,9 | 1111 | 25 /3 / 20 |

| Example of Odour Characteristics | Example of Possible Source of Odour | |
|--|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks | |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ | |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / | |



| Date | 27/3/2019 |
|-------------------------------|--|
| Type of Patrol | Weekly Patrol / Monthly Independent Patrol / |
| Weather Condition | Sunny / Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 24.4 |
| Average Relative Humidity (%) | 69 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|-------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 10:05 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 2 | 10:07 | 0/0/2/3/4 | Brogas | Intermittent / Continuou | Biogas Holder | |
| Location 3 | 10:08 | 0/0/2/3/4 | Biogas | Intermitten / Continuous | Biogas Holder | |
| Location 4 | 10:11 | 0/1/2/3/4 | J | Intermittent / Continuous | 3.5 | |
| Location 5 | 10:14 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 6 | 10:16 | 0/1/2/3/4 | | Intermittent / Continuous | | |
| Location 7 | 10:18 | (D) 1/2/3/4 | | Intermittent / Continuous | | |
| Location 8 | 10:19 | 0/1/2/3/4 | | Intermittent / Continuous | | |

| Remark | | | |
|--------|--|--|--|
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| | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Name | FIONA LAM | | | | Sarah HO |
| Signature | Find | NA | NA | NA | Sarah |
| Date | 27/3/2019 | | | | 27/3/2019 |

| Example of Odour Characteristics | Example of Possible Source of Odour | |
|--|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks | |
| Diesel / ammoniacal/ dischargeable odour/ putrefaction/ | Doors Opened / Stack emission / Sewage / food waste/ | |
| sharp/ pungent/ fish/ irritating/ fruit/ vinegar | Pretreatment / Machine Operation / Material / others / | |



| Date | 29/3/2019 |
|-------------------------------|---|
| Type of Patrol | Weekly Patro / Monthly Independent Patrol / |
| Weather Condition | Sunny Cloudy / Windy / Humid / Foggy / |
| Average Temperature (°C) | 25.8 |
| Average Relative Humidity (%) | 80 |

| Monitoring Location | Time | Odour Intensity | Odour Characteristics | Duration | Possible Source of Odour | Remark |
|------------------------|------|-----------------|-----------------------|---------------------------|-----------------------------|--------|
| Location 1 | 9:20 | 0/1/2/3/4 | | Intermittent / Continuous | Outur | |
| Location 2 | 9:22 | 0/11/2/3/4 | Biogas | Intermittent / Continuous | bras Hall | |
| Location 3 | 9:23 | 0/(1)/2/3/4 | Biogas | Intermittene/ Continuous | Biogas Holder | |
| Location 4 | 9:26 | 0/1/2/3/4 | Siogas | Intermittent / Continuous | Biogas Holder | |
| Location 5 | 9:28 | 0/10/2/3/4 | Grass | Intermittent / Continuous | Course | |
| Location 6 | 9:30 | 0/1/2/3/4 | -11/07/ | Intermittent / Continuous | (trass | |
| Location 7 | 9:33 | 0/(1)/2/3/4 | Rubbish | Intermitten / Continuous | That Timb | |
| Location 8 | 9:35 | (0)/1/2/3/4 | · sv(ppi) ri | Intermittent / Continuous | Inert Truck | |

| Remark | |
|--------|--|
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| | |
| | |

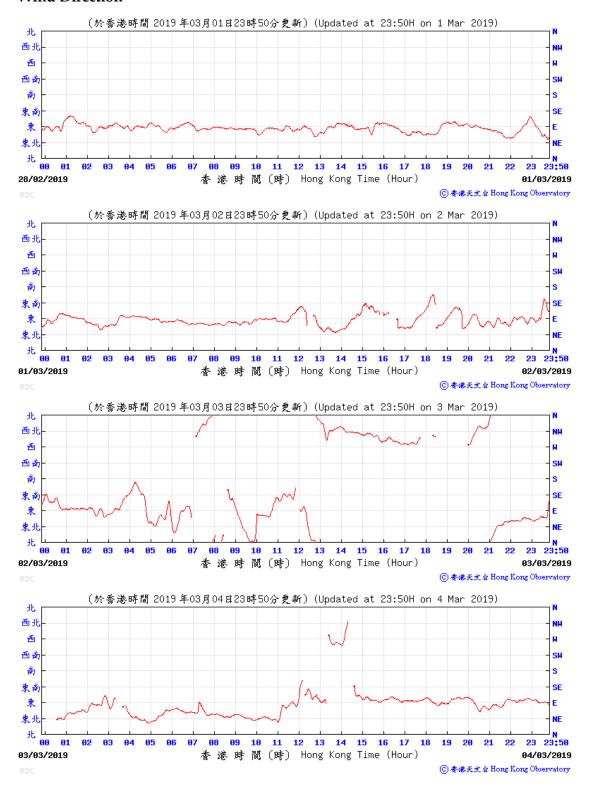
| Name | EPD Representative | Employer Representative | Independent Odour Patrol Team | Independent Odour Patrol Team | OSCAR Bioenergy JV |
|-----------|--------------------|----------------------------|----------------------------------|----------------------------------|-----------------------|
| Signature | Front LAY | | | | Sarah Ho |
| | Fand | NA | NA | NA | Savah |
| Date | 29/3/209 | | | 1971 | 29/3/201 |

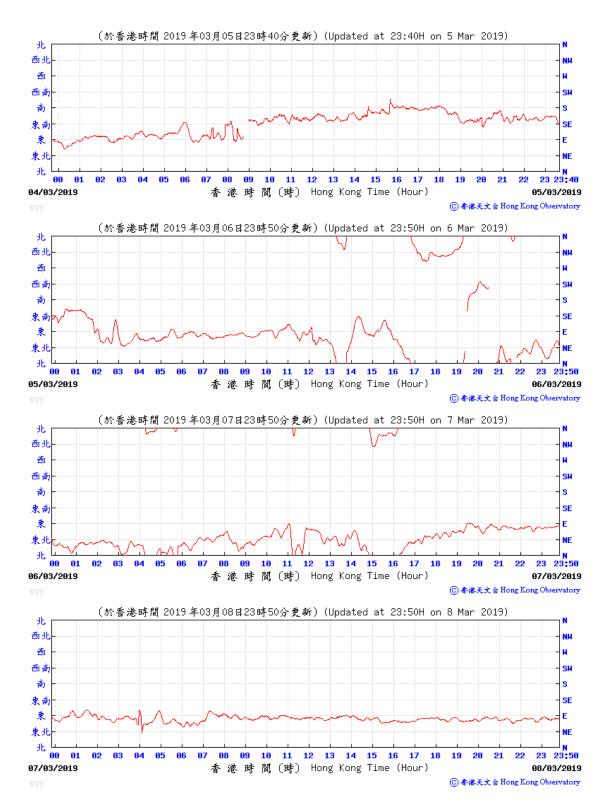
| Example of Odour Characteristics | Example of Possible Source of Odour | |
|---|--|--|
| Biogas / Compost / sewage /rotten-egg smell/ decayed vegetables/ Diesel / ammoniacal/ dischargeable odour/ putrefaction/ sharp/ pungent/ fish/ irritating/ fruit/ vinegar | PRVs of Gas Holder / Sediment/ Water / SSOW Trucks Doors Opened / Stack emission / Sewage / food waste/ Pretreatment / Machine Operation / Material / others / | |

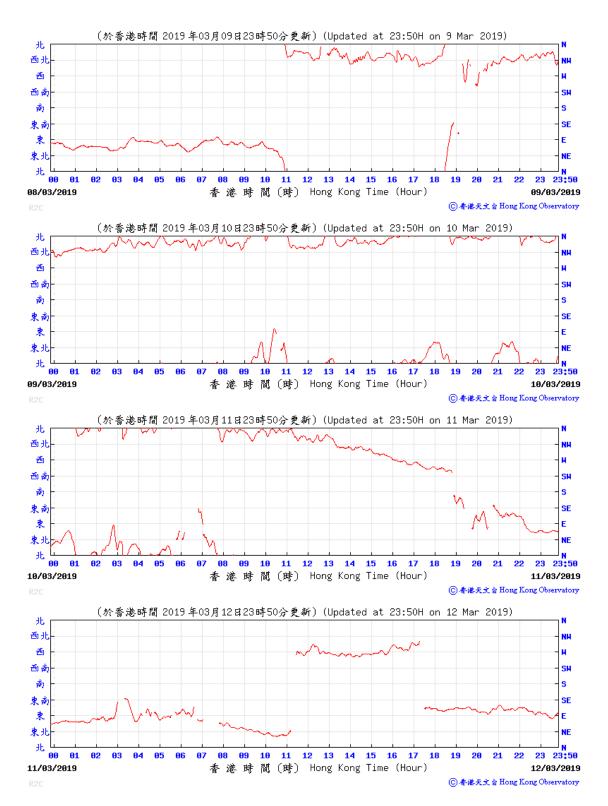
Annex J2

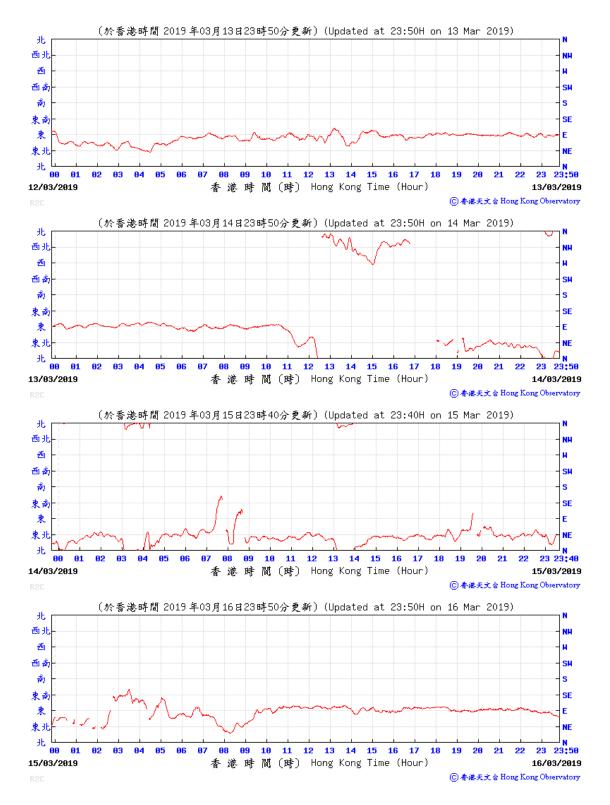
Local Wind Direction and Wind Speed

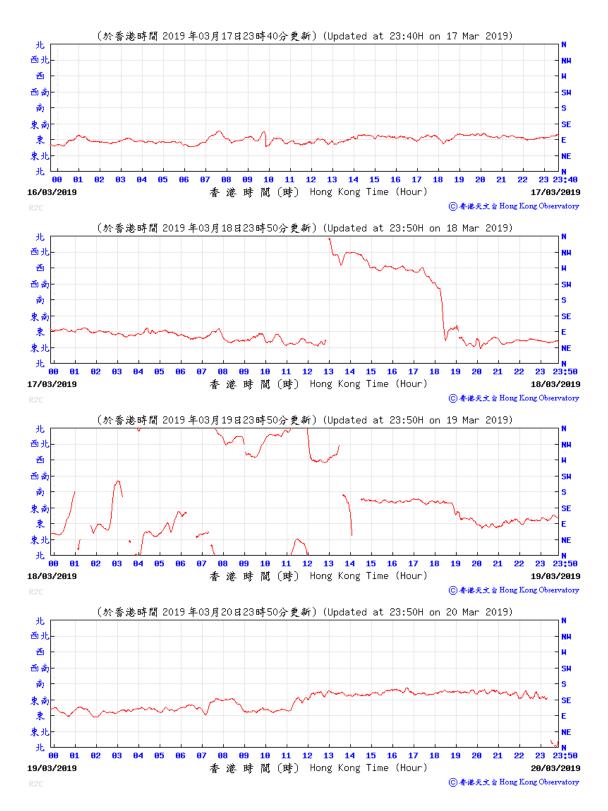
Wind Direction

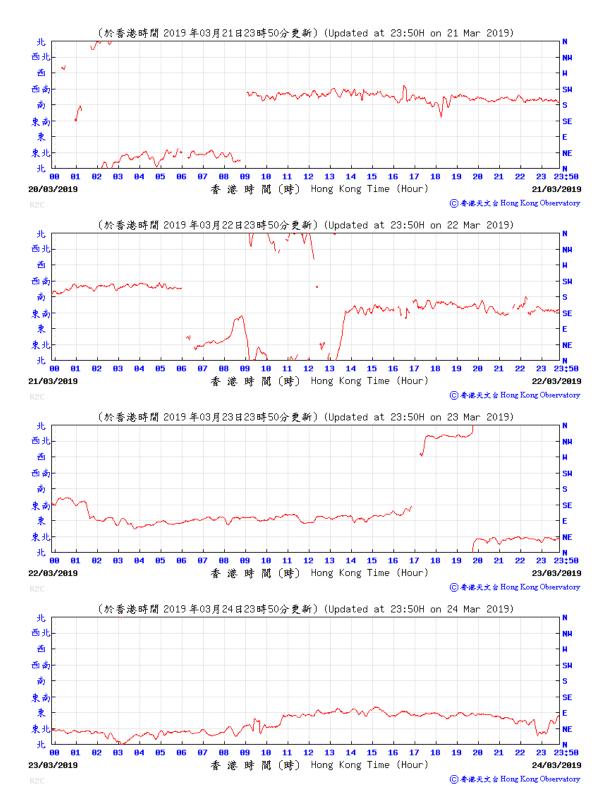


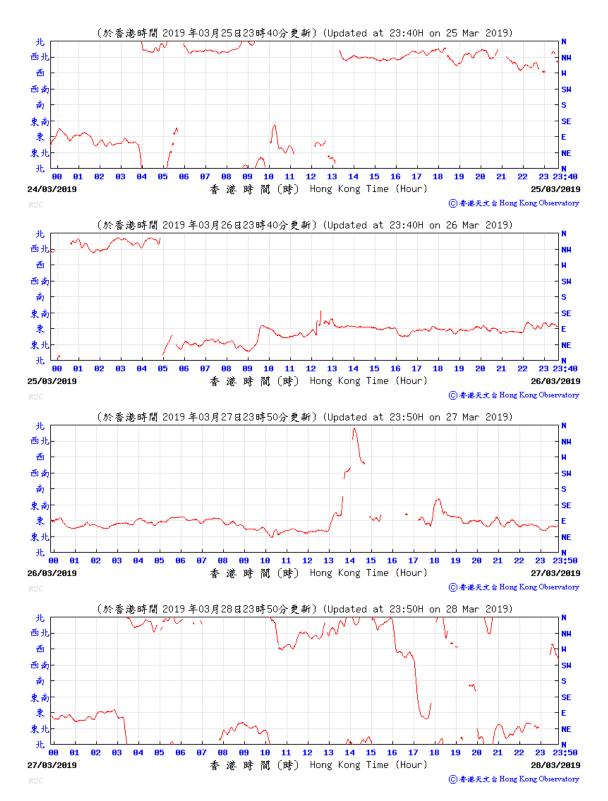


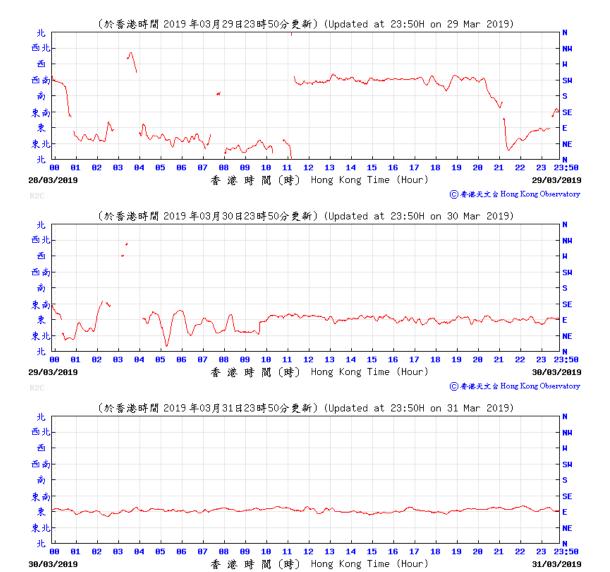












⑥ 香港天文台 Hong Kong Observatory

Annex J3

Odour Sampling Result



ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwal Chung, N.T., Hong Kong T +852 2610 1044 E +852 2610 2021

| | CERTIFICATE O | FANALYSIS | |
|----------|---|---|--------------------------------------|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1864017 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau Island, NT, Hong Kong | LABORATORY: SUB-BATCH: DATE RECEIVED: | Hong Kong 0 |
| | Island, NT, Hong Kong | DATE OF ISSUE: | 10 December 2018 14 December 2018 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 |
| PO: | -44 | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 10th December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{M} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A3.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition 1 OU_E/m^3 . The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid $^{\text{M}}$ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|---------------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|---|
| HK1864017-001 | CAPC Unit (Bypass AC Filter) | 10-Dec-18 | 11:36-11:41 | 11 | 828 | Decayed orange with minor bleach smell | 1267.4 | 63,000,000 |
| HK1864017-002 | CAPC Unit (Bypass AC Filter) | 10-Dec-18 | 11:41-11:46 | 11 | 886 | Decayed orange with minor bleach smell | 1267.4 | 67,400,000 |
| HK1864017-003 | Field Blank | 10-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



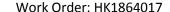
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| | _ | | Ambient | Relative | Ambient | Wind | Wind | Direction | Duration | On-Site Ob | servation | Weather |
|-----------|----------|---------------|---------------------|-----------------|-------------------|----------------|-----------------------|-----------------------------|-------------|-----------------------------|--------------------|-----------|
| Location | Date | Time | Temperature (°C) | Humidity (%) | Pressure (hPa) | Speed (m/s) | Direction (Degree) | from Source ¹ | ot Odour | Odour Nature | Possible Source | Condition |
| CAPC Unit | 10-12-18 | 11:36 - 11:46 | 17.3 | 64.6 | 1019.4 | 0.7 | 320 | NA | NA | No odour was smelled. | NA | Cloudy |

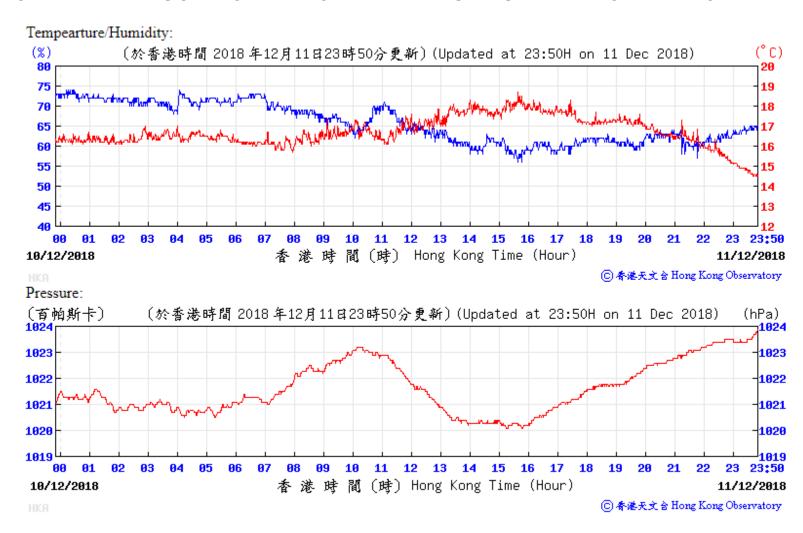
Note:

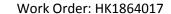
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





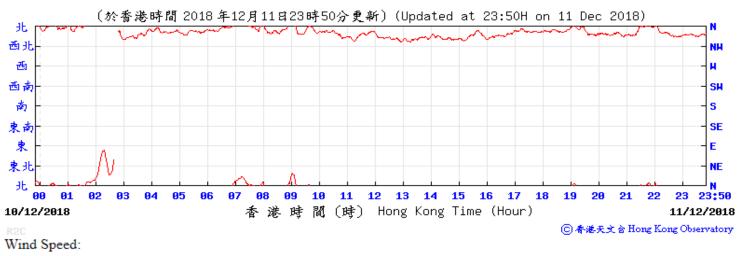
A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION

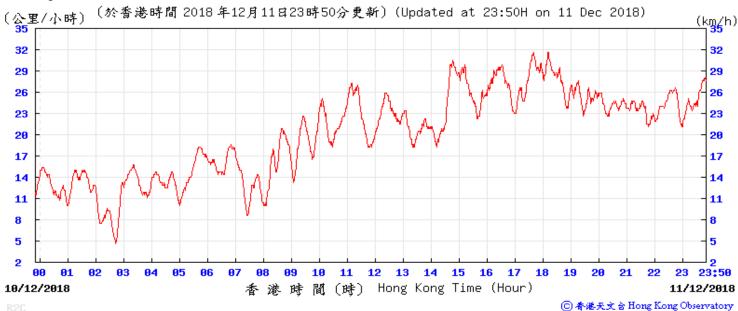


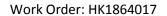






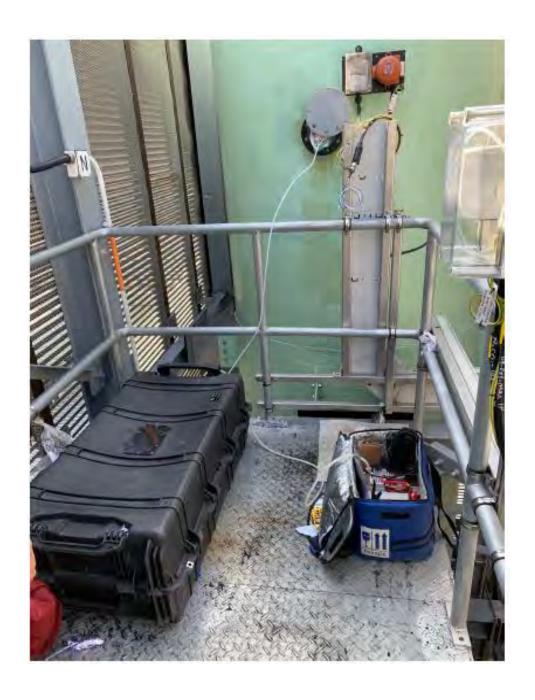








A3. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd. 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwal Chung, N.T., Hong Kong T+852 2610 1044 E+852 2610 2021

| | CERTIFICATE OF | | |
|----------|--|----------------|------------------|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER! | HK1864595 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu | LABORATORY: | Hong Kong |
| | Ho Wan, North Lantau | SUB-BATCH: | 0 |
| | Island, NT, Hong Kong | DATE RECEIVED: | 10 December 2018 |
| | | DATE OF ISSUE: | 14 December 2018 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 |
| 20: | The state of the s | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 10th December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung General Manager

- Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{IM} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

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This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition $1 OU_E/m^3$. The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|-------------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|---|
| HK1864595-001 | CAPC Unit (With AC Filter) | 10-Dec-18 | 11:56 - 12:02 | 11 | 773 | Decayed orange | 1156.5 | 53,600,000 |
| HK1864595-002 | CAPC Unit (With AC Filter) | 10-Dec-18 | 12:02 - 12:07 | 11 | 674 | Decayed orange | 1156.5 | 46,800,000 |
| HK1864595-003 | Field Blank | 10-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



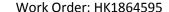
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | servation Possible Source | Weather Condition |
|-----------|----------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|---------------------------------|----------------------|
| CAPC Unit | 10-12-18 | 11:56 - 12:07 | 17.8 | 64.1 | 1019.4 | 0.8 | 291 | NA | NA | No odour was smelled. | NA | Cloudy |

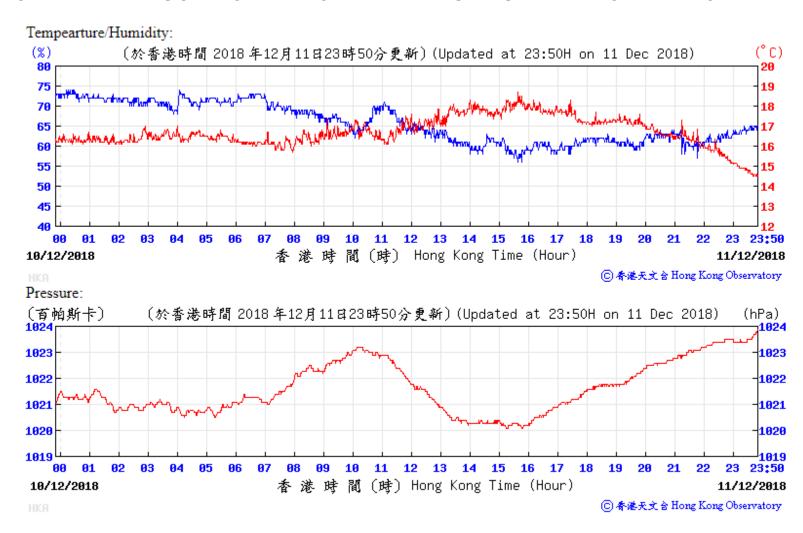
Note:

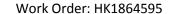
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





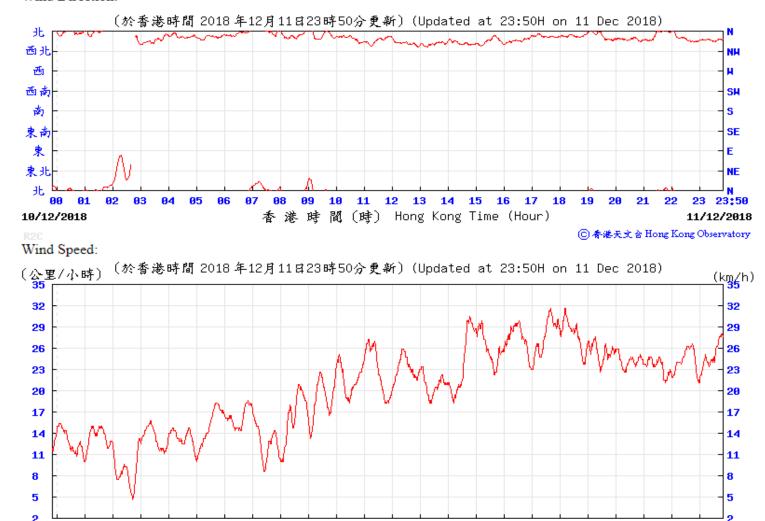
A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION











12

13 14 亂 (鮭) Hong Kong Time (Hour)

15 16 17 18

19

20

21

22

⑥ 香港天文台 Hong Kong Observatory

23 23:50

11/12/2018

10/12/2018

91

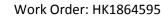
93

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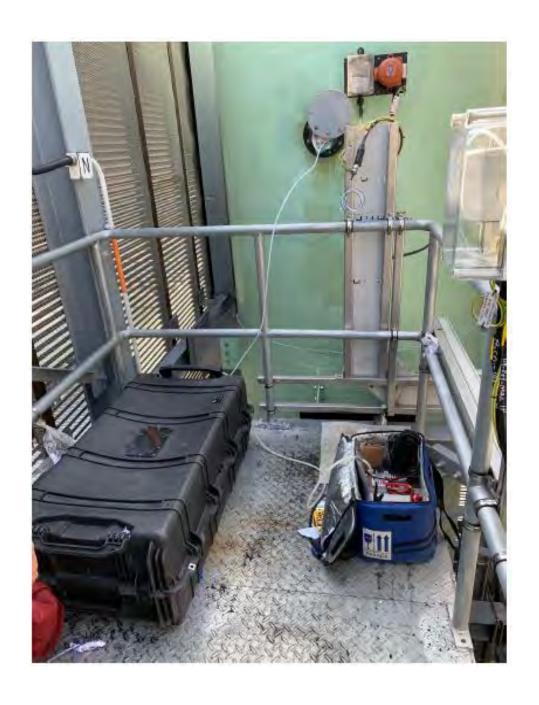
96

97





A3. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 1.1/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T +852 2610 1044 E +852 2610 2021

| | CERTIFICATE O | F ANALYSIS | |
|----------|---|----------------|------------------|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1864596 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu | LABORATORY: | Hong Kong |
| | Ho Wan, North Lantau | SUB-BATCH: | 0 |
| | Island, NT, Hong Kong | DATE RECEIVED: | 11 December 2018 |
| | | DATE OF ISSUE: | 14 December 2018 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 |
| PO: | *** | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 11th December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{M} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A3.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition 1 OU_E/m^3 . The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid $^{\text{M}}$ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|---------------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|---|
| HK1864596-001 | CAPC Unit (Bypass AC Filter) | 11-Dec-18 | 15:13 - 15:17 | 11 | 476 | Decayed orange with minor bleach smell | 1419 | 40,500,000 |
| HK1864596-002 | CAPC Unit (Bypass AC Filter) | 11-Dec-18 | 15:19 - 15:23 | 11 | 510 | Decayed orange with minor bleach smell | 1419 | 43,400,000 |
| HK1864596-003 | Field Blank | 11-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | Possible Source | Weather Condition |
|-----------|----------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|--------------------|----------------------|
| CAPC Unit | 11-12-18 | 15:13 - 15:23 | 18.0 | 64.7 | 1017.6 | 3.0 | 321 | NA | NA | No odour was smelled. | NA | Sunny |

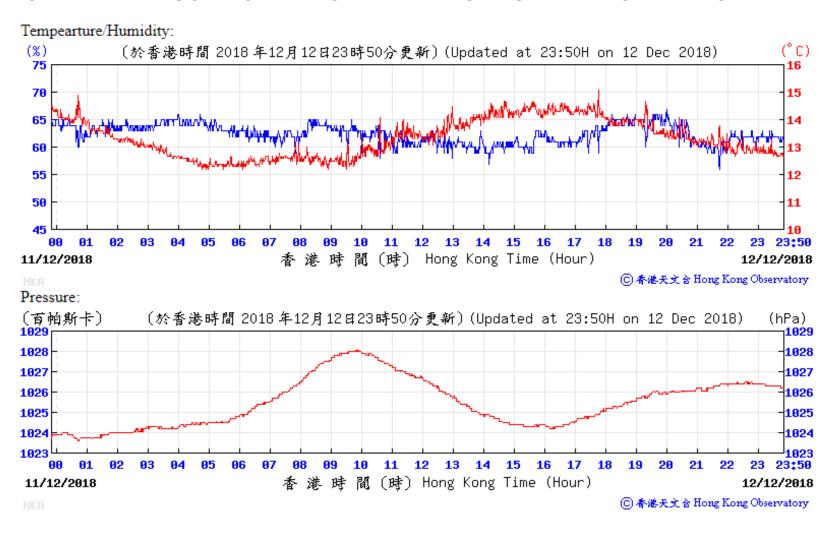
Note:

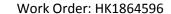
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





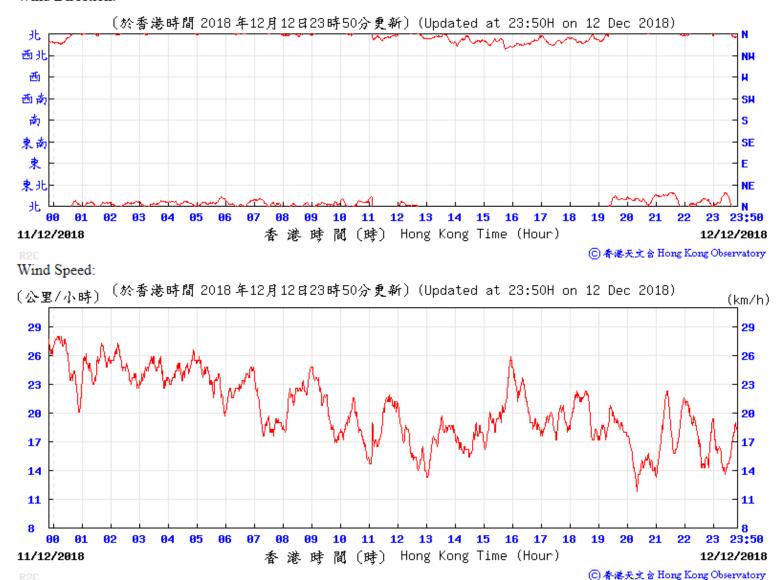
A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION

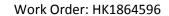






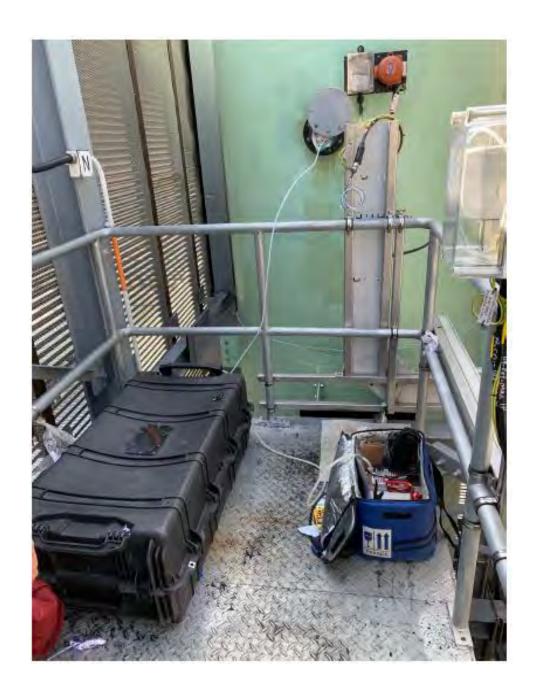
Wind Direction:







A3. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T +852 2610 1044 E+852 2610 2021

| | CERTIFICATE OF | - ANALYSIS | |
|----------|---|----------------------------------|--------------------------------------|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1864597 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau | LABORATORY: SUB-BATCH: | Hong Kong 0 |
| | Island, NT, Hong Kong | DATE RECEIVED: DATE OF ISSUE: | 11 December 2018 14 December 2018 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 |
| PO: | 4 | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 11" December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{IM} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A3.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition $1 OU_E/m^3$. The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|-------------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|---|
| HK1864597-001 | CAPC Unit (With AC Filter) | 11-Dec-18 | 15:34 - 15:38 | 11 | 414 | Decayed orange | 1390.1 | 34,500,000 |
| HK1864597-002 | CAPC Unit (With AC Filter) | 11-Dec-18 | 15:38 - 15:43 | 11 | 443 | Decayed orange | 1390.1 | 37,000,000 |
| HK1864597-003 | Field Blank | 11-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



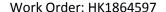
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | Possible Source | Weather Condition |
|-----------|----------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|--------------------|----------------------|
| CAPC Unit | 11-12-18 | 15:34 - 15:43 | 18.3 | 64.0 | 1017.6 | 2.5 | 281 | NA | NA | No odour was smelled. | NA | Sunny |

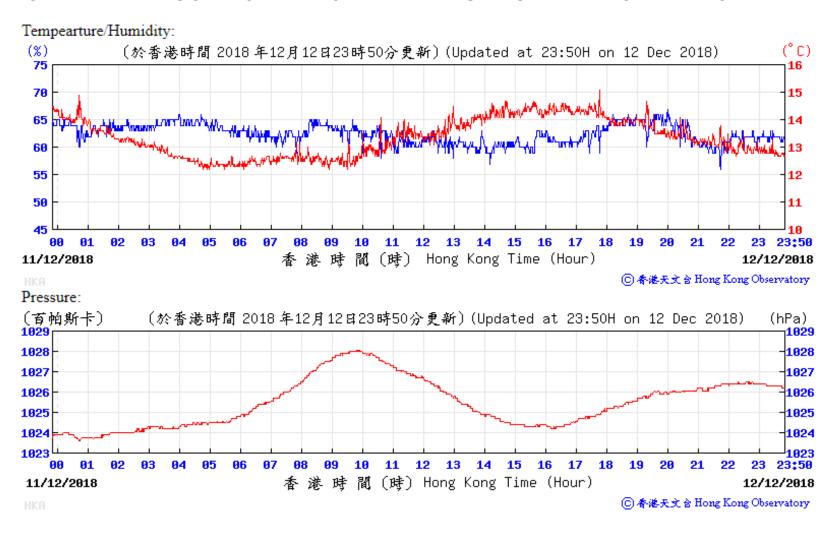
Note:

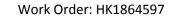
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





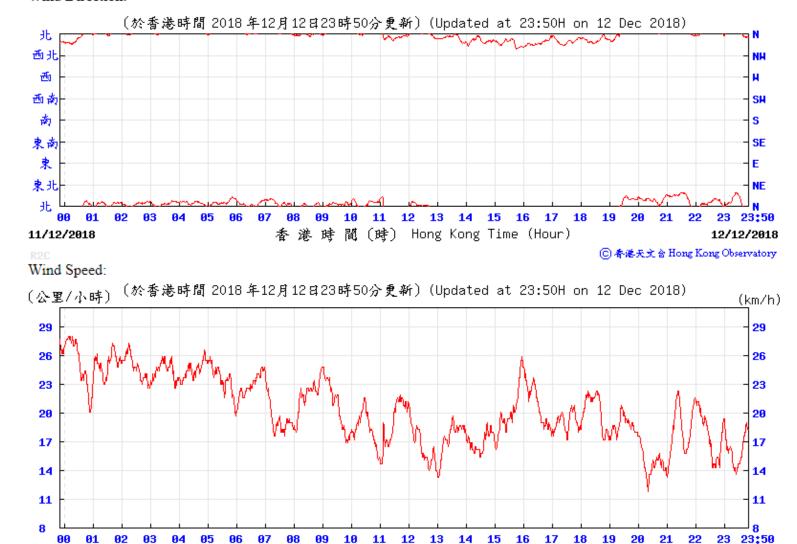
A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION







Wind Direction:

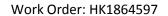


香港時間(時) Hong Kong Time (Hour)

11/12/2018

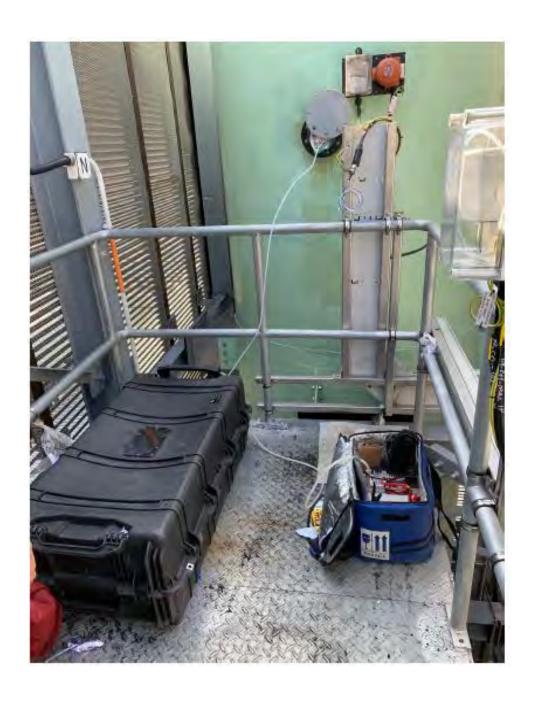
12/12/2018

⑥ 香港天文台 Hong Kong Observatory





A3. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Ylp Street Kwai Chung, N.T., Hong Kong I +852 2610 1044 E +852 2610 2021

| | CERTIFICATE OF ANALYSIS | | | | | | | | |
|----------|---|---|--|--|--|--|--|--|--|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1866002 | | | | | | |
| CONTACT: | Mr Edwin Wong | | | | | | | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau Island, NT, Hong Kong | LABORATORY: SUB-BATCH: DATE RECEIVED: DATE OF ISSUE: | Hong Kong 0 19 December 2018 2 January 2019 | | | | | | |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air | | | | | | |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 | | | | | | |
| PO: | | | | | | | | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 19th December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{IM} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A3.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition $1 OU_E/m^3$. The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid $^{\text{TM}}$ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|-------------------------------|------------------|------------------|-------------------------------|--|---|--------------------------------------|--|
| HK1866002-001 | CAPC Unit (With AC Filter) | 19-Dec-18 | 15:08 - 15:12 | 11 | 1164 | Musty smell | 1856.4 | 130,000,000 |
| HK1866002-002 | CAPC Unit (With AC Filter) | 19-Dec-18 | 15:29 - 15:33 | 11 | 1016 | Musty smell | 1856.4 | 113,000,000 |
| HK1866002-003 | Field Blank | 19-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



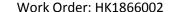
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ol Odour Nature | oservation Possible Source | Weather Condition |
|-----------|----------|------------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|----------------------|----------------------------------|----------------------------------|----------------------|
| CAPC Unit | 19-12-18 | 15:08 - 15:33 | 21.5 | 72.0 | 1014.9 | 3.6 | 335 | Yes | Continuous | Bleaching with musty smell | From the Chimney | Cloudy |

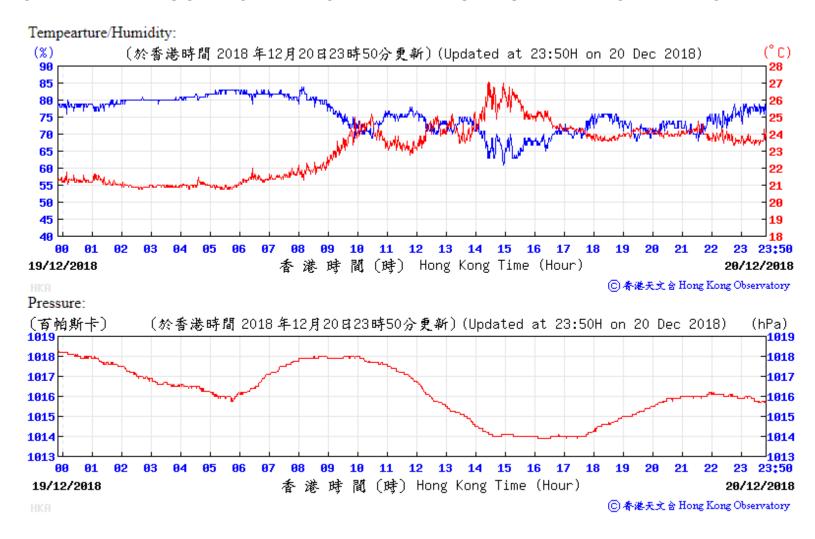
Note:

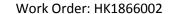
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION



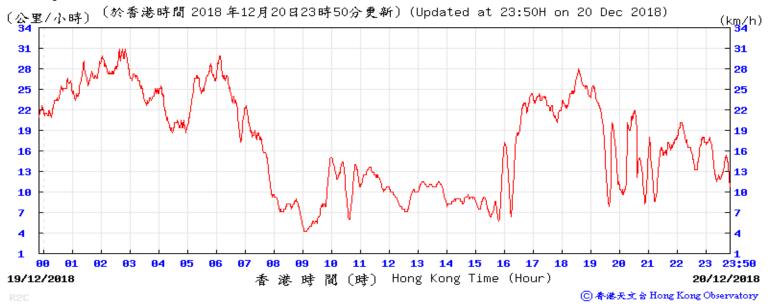


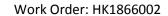






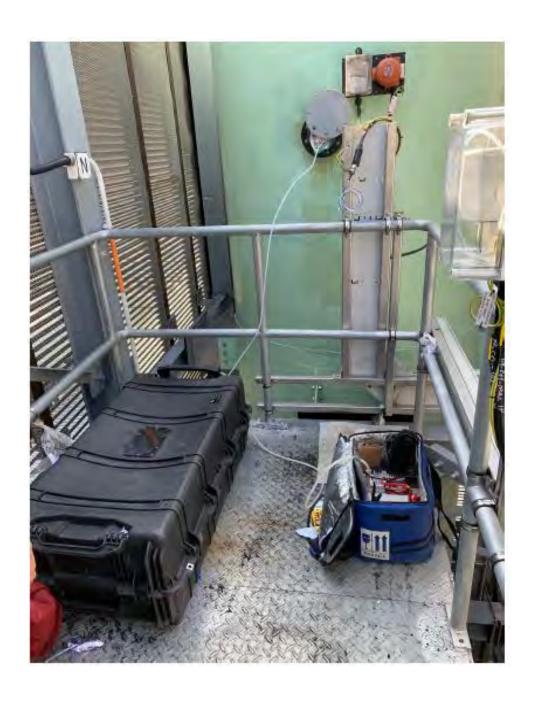
Wind Speed:







A3. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T +852 2610 1044 E+852 2610 2021

| | CERTIFICATE O | F ANALYSIS | |
|----------|---|---|--|
| CLIENT. | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1866/21 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau Island, NT, Hong Kong | LABORATORY: SUB-BATCH: DATE RECEIVED: DATE OF ISSUE: | Hong Kong 0 27 December 2018 2 January 2019 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 5 |
| PO: | *** | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 27th December, 2018 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung General Manage

General Manage : Hong Kong

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Page 1 of 7



METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{M} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A3.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

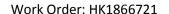
This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition 1 OU_E/m^3 . The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from $10^1 OU_E/m^3$ to $10^7 OU_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

1. Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (OU _E /Nm³) | Odour Concentration (OU _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (OU _E /hr) |
|---------------|---------------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|--|
| HK1866721-001 | CAPC Unit (with AC Filter) | 27-Dec-18 | 14:07 - 14:10 | 11 | 1026 | Bleach with minor garbage smell | 1871.6 | 115,000,000 |
| HK1866721-002 | CAPC Unit (with AC Filter) | 27-Dec-18 | 14:11 - 14:14 | 11 | 1026 | Bleach with minor garbage smell | 1871.6 | 115,000,000 |
| HK1866721-003 | CAPC Unit (Bypass AC Filter) | 27-Dec-18 | 14:45 - 14:48 | 11 | 1087 | Bleach smell | 2003.6 | 131,000,000 |
| HK1866721-004 | CAPC Unit (Bypass AC Filter) | 27-Dec-18 | 14:49 - 14:53 | 11 | 1087 | Bleach smell | 2003.6 | 131,000,000 |
| HK1866721-005 | Field Blank | 27-Dec-18 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| | _ | | Ambient | Relative | Ambient | Wind | Wind | Direction | Duration | On-Site Ob | servation | Weather |
|-----------|----------|---------------|---------------------|-----------------|-------------------|----------------|-----------------------|-----------------------------|-------------|------------------------------|--------------------|-----------|
| Location | Date | Time | Temperature (°C) | Humidity (%) | Pressure (hPa) | Speed (m/s) | Direction (Degree) | from Source ¹ | ot Odour | Odour Nature | Possible Source | Condition |
| CAPC Unit | 27-12-18 | 14:07 - 14:53 | 23.3 | 68.8 | 1012.5 | 0.8 | 320 | NA | NA | No odour was detected. | NA | Sunny |

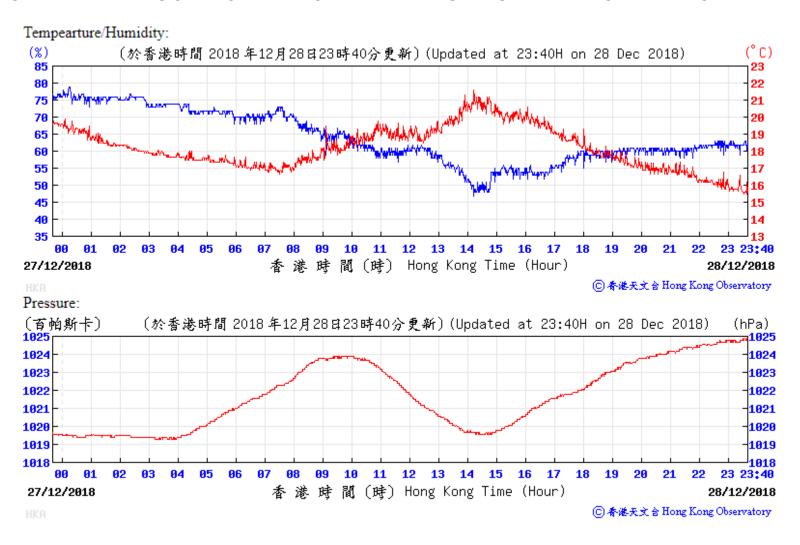
Note:

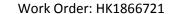
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION



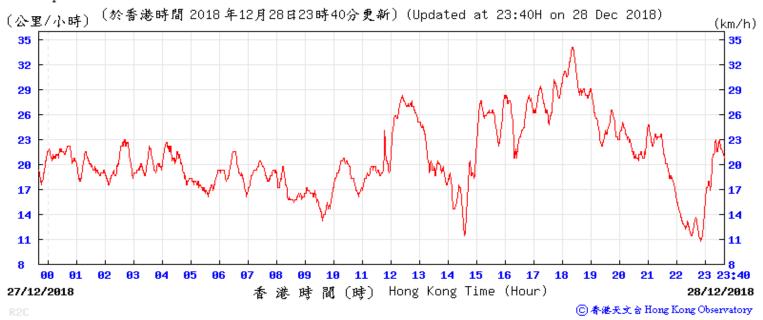




Wind Direction:



Wind Speed:





APPENDIX 3

A3. PHOTO OF THE SAMPLING LOCATION





PO:

ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre

1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T+852 2610 1044 E+852 2610 2021

| | CENTIFICATE OF | ANALISIS | |
|----------|---|---|------------------------------------|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1902606 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau | LABORATORY: SUB-BATCH: DATE RECEIVED: | Hong Kong 0 |
| | Island, NT, Hong Kong | DATE RECEIVED. | 16 January 2019 30 January 2019 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery | NO OF SAMPLES: | 3. |

CEPTIFICATE OF ANALYSIS

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 16th January, 2019 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

Centre Phase 1 (ORRC1)

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A NalophanTM sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A2.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

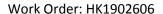
This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition 1 OU_E/m^3 . The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from 10^1 ou $_E/m^3$ to 10^7 ou $_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (ou _E /Nm³) | Odour Concentration (ou _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (ou _E /hr) |
|---------------|------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|--|
| HK1902606-001 | CAPC Unit (Low ORP) | 16-Jan-19 | 13:42 - 13:45 | 11 | 444 | Bleaching smell | 2289.2 | 61,000,000 |
| HK1902606-002 | CAPC Unit (Low ORP) | 16-Jan-19 | 13:48 - 13:52 | 11 | 476 | Bleaching smell | 2289.2 | 65,000,000 |
| HK1902606-003 | Field Blank | 16-Jan-19 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



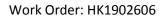
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| | _ | | Ambient | Relative | Ambient | Wind | | | | | Direction | Duration | On-Site Ob | servation | Weather |
|-----------|---------|---------------|---------------------|-----------------|-------------------|----------------|-----------------------|-----------------|-------------|-----------------------------|--------------------|-----------|------------|-----------|---------|
| Location | Date | Time | Temperature (°C) | Humidity (%) | Pressure (hPa) | Speed (m/s) | Direction (Degree) | from Source¹ | of Odour | Odour Nature | Possible Source | Condition | | | |
| CAPC Unit | 16-1-19 | 13:42 - 13:52 | 18.6 | 70.0 | 1017.9 | 2.2 | 324 | NA | NA | No odour was smelled. | NA | Cloudy | | | |

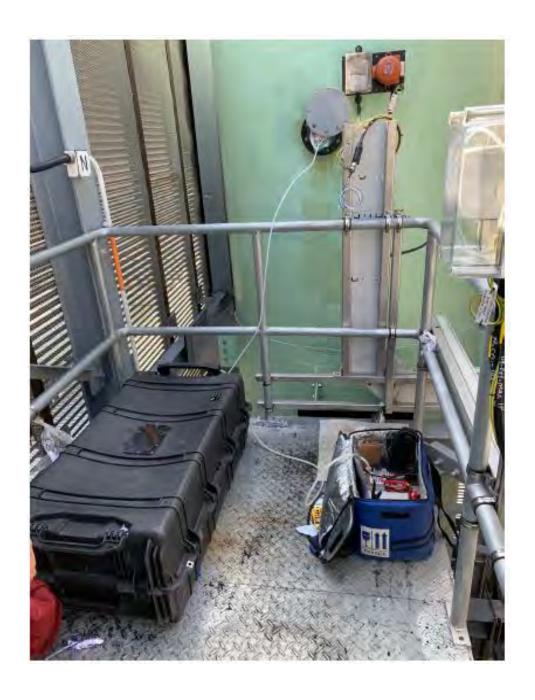
Note:

1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





A2. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T+852 2610 1044 F+852 2610 2021

CERTIFICATE OF ANALYSIS CLIENT: Oscar Bioenergy Joint WORK ORDER: HK1902870 Venture CONTACT: Mr Edwin Wong No. 5, Sham Fung Road, Siu ADDRESS: LABORATORY: Hong Kong Ho Wan, North Lantau SUB-BATCH: Island, NT, Hong Kong DATE RECEIVED: 16 January 2019 DATE OF ISSUE: 30 January 2019 PROJECT: Odour Monitoring for the SAMPLE TYPE: Air Organic Resources Recovery Centre Phase 1 in Siu Ho Wan SITE: Organic Resources Recovery NO OF SAMPLES: 3. Centre Phase 1 (ORRC1) PO:

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 16th January, 2019 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A NalophanTM sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A2.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

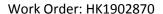
This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition 1 OU_E/m^3 . The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from 10^1 ou $_E/m^3$ to 10^7 ou $_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (ou _E /Nm³) | Odour Concentration (ou _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (ou _E /hr) |
|---------------|-------------------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|--|
| HK1902870-001 | CAPC Unit (High ORP) | 16-Jan-19 | 15:54 - 15:57 | 11 | 546 | Bleaching smell | 2285.2 | 75,000,000 |
| HK1902870-002 | CAPC Unit (High ORP) | 16-Jan-19 | 15:58 - 16:02 | 11 | 509 | Bleaching smell | 2285.2 | 70,000,000 |
| HK1902870-003 | Field Blank | 16-Jan-19 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



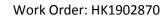
APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | servation Possible Source | Weather Condition |
|-----------|---------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|---------------------------|----------------------|
| CAPC Unit | 16-1-19 | 15:54 - 16:02 | 17.8 | 63.9 | 1017.9 | 1.2 | 322 | NA | NA | No odour was smelled. | NA | Cloudy |

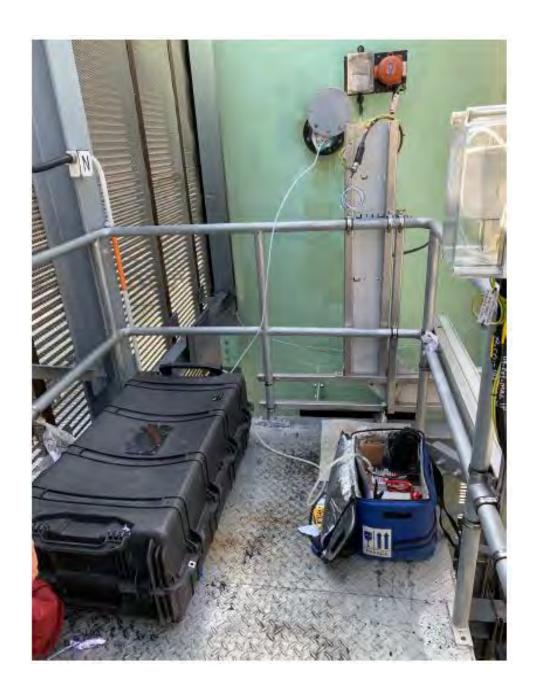
Note:

1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





A2. PHOTO OF THE SAMPLING LOCATION





ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T+852 2610 1044 E+852 2610 2021

| | CERTIFICATE O | F ANALYSIS | |
|----------|---|---|---|
| CLIENT: | Oscar Bioenergy Joint Venture | WORK ORDER: | HK1904547 |
| CONTACT: | Mr Edwin Wong | | |
| ADDRESS: | No. 5, Sham Fung Road, Siu Ho Wan, North Lantau Island, NT, Hong Kong | LABORATORY: SUB-BATCH: DATE RECEIVED: DATE OF ISSUE: | Hong Kong 0 29 January 2019 13 February 2019 |
| PROJECT: | Odour Monitoring for the Organic Resources Recovery Centre Phase 1 in Siu Ho Wan | SAMPLE TYPE: | Air |
| SITE: | Organic Resources Recovery Centre Phase 1 (ORRC1) | NO OF SAMPLES: | 3 |
| PO: | *** | | -6 |
| | | | |

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 29th January, 2019 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung General Manage

al Manager - Hong Kong

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METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{IM} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A2.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

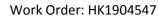
This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition $1 OU_E/m^3$. The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from 10^1 ou $_E/m^3$ to 10^7 ou $_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.





RESULT

Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (ou _E /Nm³) | Odour Concentration (ou _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (ou _E /hr) |
|---------------|-------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|--|
| HK1904547-001 | CAPC | 29-Jan-19 | 14:00 - 14:04 | 11 | 116 | Garbage smell with minor fishy smell | 2552.4 | 17,800,000 |
| HK1904547-002 | CAPC | 29-Jan-19 | 14:04 - 14:08 | 11 | 93 | Garbage smell with minor fishy smell | 2552.4 | 14,200,000 |
| HK1904547-003 | Field Blank | 29-Jan-19 | 1 | 11 | <11 | | 1 | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | Possible Source | Weather Condition |
|-----------|---------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|--------------------|----------------------|
| CAPC Unit | 29-1-19 | 14:00 - 14:08 | 19.8 | 65.5 | 1018.6 | 4.8 | 328 | NA | NA | No odour was smelled. | NA | Sunny |

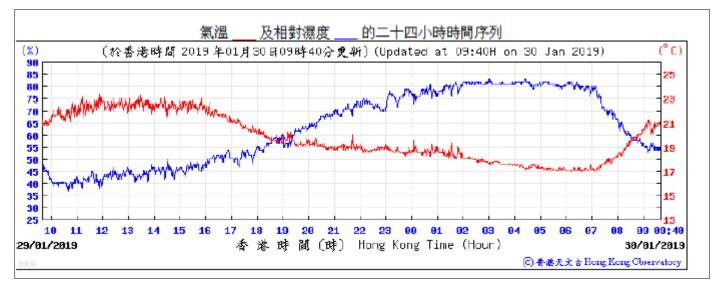
Note:

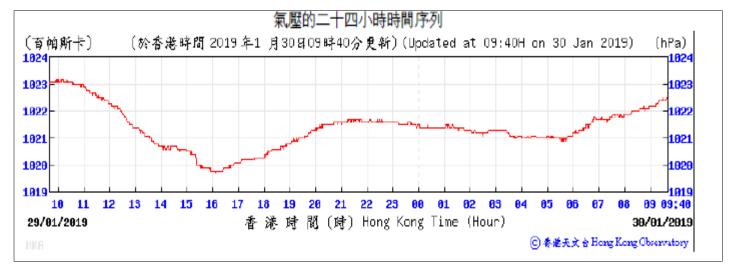
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.





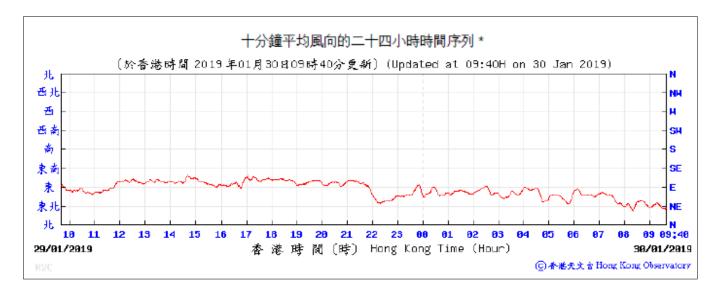
A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION

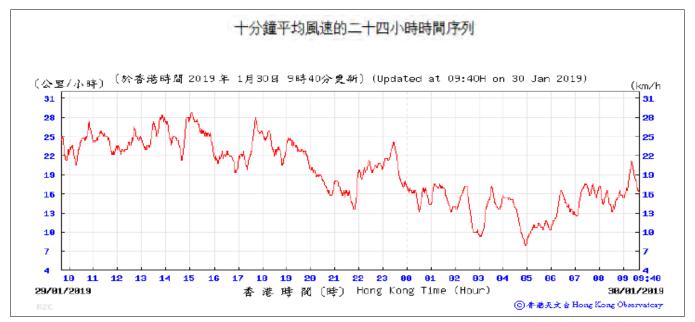


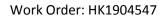






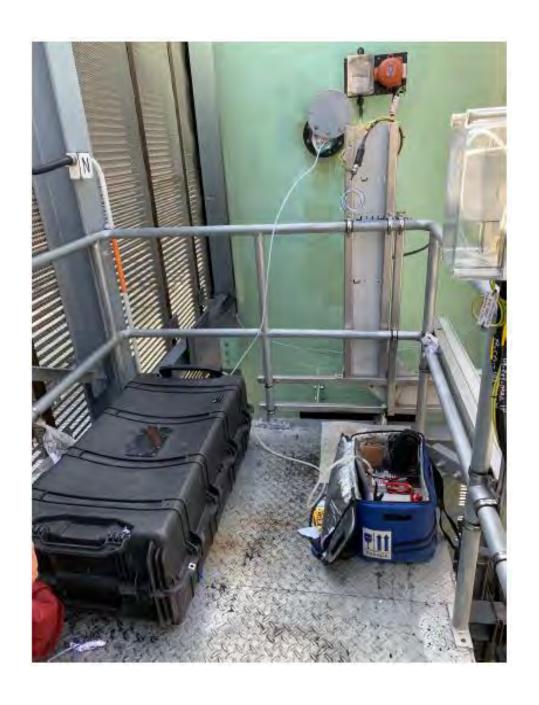








A3. PHOTO OF THE SAMPLING LOCATION





CLIENT:

CONTACT:

ADDRESS:

PROJECT:

ALS Technichem (HK) Pty Ltd 11/F, Chung Shun Knitting Centre 1-3 Wing Yip Street Kwai Chung, N.T., Hong Kong T +852 2610 1044 E+852 2610 2021

CERTIFICATE OF ANALYSIS Oscar Bioenergy Joint WORK ORDER: HK1904548 Venture Mr Edwin Wong No. 5, Sham Fung Road, Siu LABORATORY: Hong Kong Ho Wan, North Lantau SUB-BATCH: Island, NT, Hong Kong DATE RECEIVED: 29 January 2019 DATE OF ISSUE: 13 February 2019

SAMPLE TYPE:

NO OF SAMPLES:

Air

3

Odour Monitoring for the Organic Resources Recovery

Centre Phase 1 in Siu Ho

SITE: Organic Resources Recovery
Centre Phase 1 (ORRC1)

PO:

COMMENTS

Air sample(s) were collected by ALS Technichem (HK) staff on 29th January, 2019 at the Organic Resources Recovery Centre Phase 1 (ORRC1) in Siu Ho Wan for Odour Monitoring.

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

NOTES

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Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Richard Fung

General Manager - Hong Kong

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METHOD STATEMENT

A. Odour Concentration

1. Odour Sampling

Odour gas sample was collected by passive sampling technique. A Nalophan^{IM} sampling bag was placed inside an air-tight sampler and then drawn to vacuum. Approximately 60 litre of gas sample was collected into the sampling bag for testing.

The odour sample was collected at the Organic Recovery Resources Centre Phase 1 (ORRC1) and sampling location was shown in Appendix A2.

2. Olfactometry Testing

Odour concentration was determined by a Forced-choice Dynamic Olfactometer in accordance with the European Standard Method (EN13725).

This European Standard specifies a method for the objective determination of the odour concentration of a gaseous sample using dynamic olfactometry with human assessors and the emission rate of odours emanating from point sources, area sources with outward flow and area sources without outward flow.

This European Standard is applicable to the measurement of odour concentration of pure substances, defined mixtures and undefined mixtures of gaseous odorants in air or nitrogen, using dynamic olfactometry with a panel of human assessors being the sensor.

The unit of measurement is the odour unit per cubic metre: OU_E/m^3 . The odour concentration is measured by determining the dilution factor required to reach the detection threshold. The odour concentration at the detection threshold is by definition $1 OU_E/m^3$. The odour concentration is then expressed in terms of multiples of the detection threshold. The range of measurement including pre-dilution prior to the olfactometry analysis is typically from 10^1 ou $_E/m^3$ to 10^7 ou $_E/m^3$.

Olfactometry Testing was performed by using the Scentroid™ SS600 Olfactometer. The testing was performed by at least five qualified panellists who have been selected through an n-butanol screening test.

All testing finished within 24 hours after sample receipt.



RESULT

Odour Concentration

| Sample ID | Location | Sampling Date | Sampling Time | LOR (ou _E /Nm³) | Odour Concentration (ou _E /Nm³) | Characteristics of the odour detected of the gas sample | Volumetric Flow Rate (Nm³/min) | Emission rate (ou _E /hr) |
|---------------|-------------|------------------|---------------|-------------------------------|--|---|--------------------------------------|--|
| HK1904548-001 | CAPC | 29-Jan-19 | 15:03 - 15:07 | 11 | 93 | Garbage smell with minor fishy smell | 1961.5 | 10,900,000 |
| HK1904548-002 | CAPC | 29-Jan-19 | 15:07 - 15:11 | 11 | 154 | Garbage smell with minor fishy smell | 1961.5 | 18,100,000 |
| HK1904548-003 | Field Blank | 29-Jan-19 | | 11 | <11 | | | |

Remark:

- 1. LOR denotes limit of reporting.
- 2. The collected sample volume of the gas bag is sufficient for olfactometry analysis.
- 3. Field Blank containing pure nitrogen gas was collected and filled by ALS staff.
- 4. The volumetric flow rate value for calculation of the emission rate was provided by the client.



APPENDIX 1

A1. SITE CONDITIONS AND OBSERVATION

| Location | Date | Time | Ambient Temperature (°C) | Relative Humidity (%) | Ambient Pressure (hPa) | Wind Speed (m/s) | Wind Direction (Degree) | Direction from Source ¹ | Duration of Odour | On-Site Ob Odour Nature | Possible Source | Weather Condition |
|-----------|---------|---------------|--------------------------------|-----------------------------|------------------------------|------------------------|-------------------------------|--|-------------------------|-------------------------------|--------------------|----------------------|
| CAPC Unit | 29-1-19 | 15:03 - 15:11 | 19.9 | 66.5 | 1018.5 | 3.3 | 314 | NA | NA | No odour was smelled. | NA | Sunny |

Note:

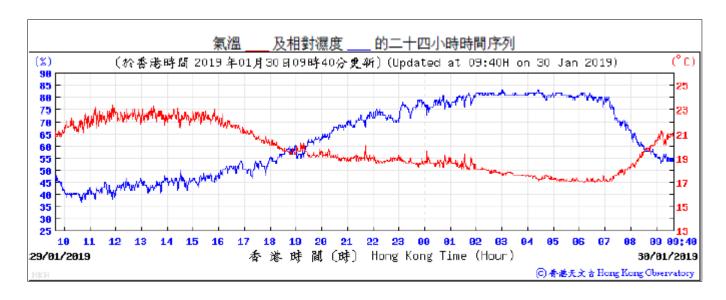
1. It was assumed that the exhaust of the CAPC Unit was from the odour source.

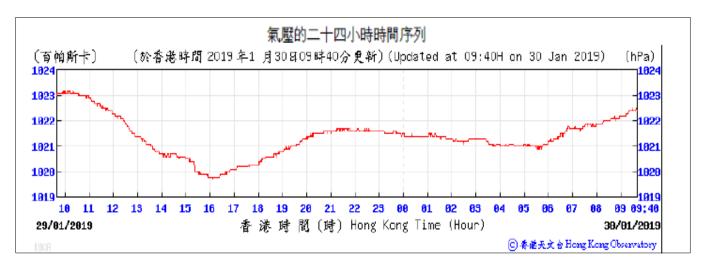




APPENDIX 2

A2. EXTRACT OF METEOROLOGICAL OBSERVATIONS FROM THE HONG KONG AIRPORT OBSERVATORY STATION

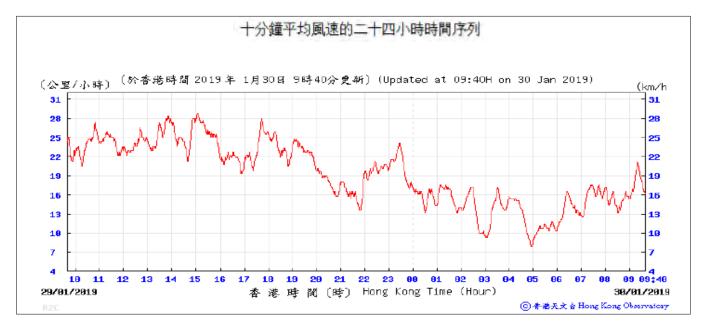


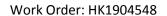








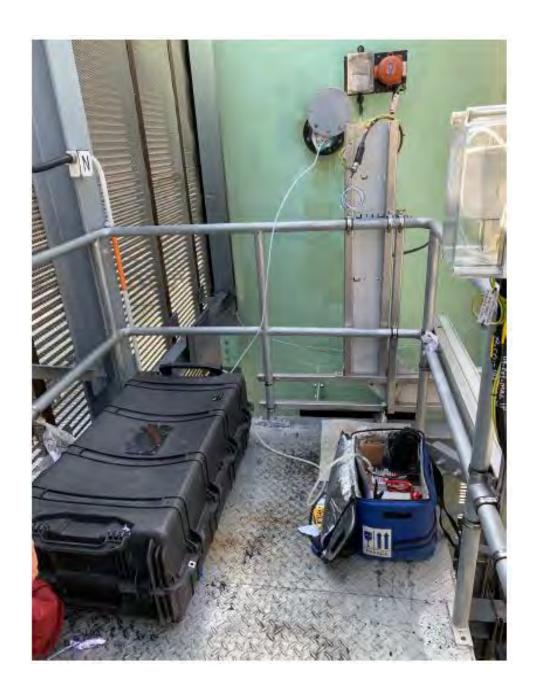






APPENDIX 3

A3. PHOTO OF THE SAMPLING LOCATION



Annex J4

Action and Limit Levels for Odour Nuisance

Odour Intensity Level

| Level | Odour Intensity |
|-------|---|
| 0 | Not detected. No odour perceived or an odour so weak that it cannot be easily |
| 1 | Slight identifiable odour, and slight chance to have odour |
| 2 | Moderate identifiable odour, and moderate chance to have odour |
| 3 | Strong identifiable, likely to have odour nuisance |
| 4 | Extreme severe odour, and unacceptable odour level |

Action and Limit Levels for Odour Nuisance

| Parameter | Action Level | Limit Level |
|----------------|---|--|
| Odour Nuisance | When one documented | Two or more documented |
| (from odour | compliant is received ⁽¹⁾ , or | complaints are received ⁽¹⁾ within |
| patrol) | Odour Intensity of 2 is measured from odour | a week; or |
| | patrol. | Odour intensity of 3 or above is measured from odour patrol. |

Note:

(1) Once the compliant is received by the Project Proponent (EPD), the Project Proponent would investigate and verify the complaint whether it is related to the potential odour emission from the OWTF and its onsite wastewater treatment unit.

Event and Action Plan for Odour Monitoring

| | ACTION | |
|---|--|---|
| EVENT | Person-in-charge of | Project Proponent ⁽¹⁾ |
| | Odour | |
| ACTION LEVEL | | |
| Exceedance of action level (Odour Patrol) | Identify source/reason of exceedance; Repeat odour patrol to confirm finding. | Carry out investigation to identify the source/reason of exceedance. Investigation should be completed within 2 weeks; Rectify any unacceptable practice; Implement more mitigation measures if necessary; Inform DSD or the operator of the Siu Ho Wan Sewage Treatment Works (SHWSTW) if exceedance is considered to be caused by the operation of the SHWSTW. Inform North Lantau Refuse Transfer Station (NLTS) operator if exceedance is considered by the caused by the |
| | | considered to be caused by the operation of NLTS. |

| | ACTION | |
|--------------|------------------------------|---------------------------------------|
| EVENT | Person-in-charge of | Project Proponent ⁽¹⁾ |
| | Odour | |
| Exceedance | 1. Identify | 1. Carry out investigation and |
| of action | source/reason of | verify the complaint whether it |
| level (Odour | exceedance; | is related to potential odour |
| Complaints) | 2. Carry out odour patrol to | emission from the nearby |
| | determinate odour | SHWSTW; |
| | intensity. | 2. Carry out investigation to |
| | | identify the source/reason of |
| | | exceedance. Investigation |
| | | should be completed within 2 |
| | | weeks; |
| | | 3. Rectify any unacceptable practice; |
| | | 4. Implement more |
| | | mitigation measures if |
| | | necessary; |
| | | 5. Inform DSD or the operator of |
| | | the SHWSTW if exceedance |
| | | is considered to be caused by |
| | | the operation of the |
| | | SHWSTW. |

| | ACTION | |
|-------------|------------------------------|---------------------------------------|
| EVENT | Person-in-charge of Odour | Project Proponent ⁽¹⁾ |
| LIMIT LEVEL | | |
| Exceedance | 1. Identify | Carry out investigation to |
| of Limit | source/reason of | identify the source/reason of |
| level | exceedance; | exceedance. Investigation |
| | 2. Inform EPD; | should be completed within 2 |
| | 3. Repeat odour patrol to | week; |
| | confirm findings; | 2. Rectify any unacceptable practice; |
| | 4. Increase odour patrol | 3. Formulate remedial actions; |
| | frequency to bi-weekly; | 4. Ensure remedial actions |
| | 5. Assess effectiveness of | properly implemented; |
| | remedial action and keep EPD | 5. If exceedance continues, |
| | informed of the results; | consider what |
| | 6. If exceedance stops, | more/enhanced mitigation |
| | cease additional odour | measures should be |
| | patrol. | implemented; |

Note: (1) Project Proponent shall identify an implementation agent

Annex K

Investigation Report

Annex K1

Investigation Report – Odour Sampling Exceedances

Investigation Report of Odour Sampling Exceedances

| Date | 10, 11, 19 and 27 December 2018; 16 January 2019 | | |
|--|--|--|--|
| Time | Sampling times were shown in Appendix B. | | |
| Monitoring Location | Centralized Air Pollution Control System (CAPCS) ((Detailed | | |
| | location and photos shown on the marked drawing DR-OAP- | | |
| | 20-0-CA-1001 attached as Appendix A) | | |
| Weather | Fine | | |
| Parameter | Odour | | |
| Exceedance Description 1. On 10, 11, 19 and 27 December 2018 and 16 and January 2019, air samples were collected from of the CAPCS by ALS for measurement of the concentration (in term of Odour Unit (OU) by olfactometry analysis at the laboratory. The I Manual, has set an odour limit of 220 OU/Nr CAPCS stack. The odour concentrations of the samples collected from the CAPCS on 10, 11, December 2018; 16 January 2019 have exceed limits. The odour analysis results are shown Appendix B. | | | |
| | According to the Contractor, the plant was operated normally. Odour emitting activities, including waste reception and pretreatment process, AD process, wastewater treatment plant, sludge dewatering and composting process were operating on the sampling days. The CAPCS was operating during the odour sampling periods. The plant received an average of 100 tonnes of SSOW daily in the reporting period. The Contractor reported that the chemical dosing system of the CAPCS have some problems resulting in a high concentration of odorous gases H₂S and NH₃ in the exhaust air, which led to exceedances of the odour limit. In addition, the Contractor reported that the prepared of the chemical dosing system took longer than anticipated resulting in a prolonged exceedances recorded during December 2018. | | |
| Action Taken / Action to be | Once it was identified that there was a problem with the | | |
| Taken | chemical dosing system, the Contractor added the chemical to | | |
| | the system manually to minimise the exceedences. The | | |
| | Contractor has also contacted the supplier of the chemical | | |
| | dosing system to carry out repairing work so that the system | | |
| D 1'-1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | can function properly. | | |
| Remedial Works and | The Contractor is recommended to closely monitor the | | |
| Follow-up Actions | operation of the chemical dosing system to avoid the | | |
| | reoccurrence of similar problem. The system is fixed and the | | |
| | odour concentration of the air sample taken on 29 January | | |
| | 2019 showed compliance with the odour limit. | | |

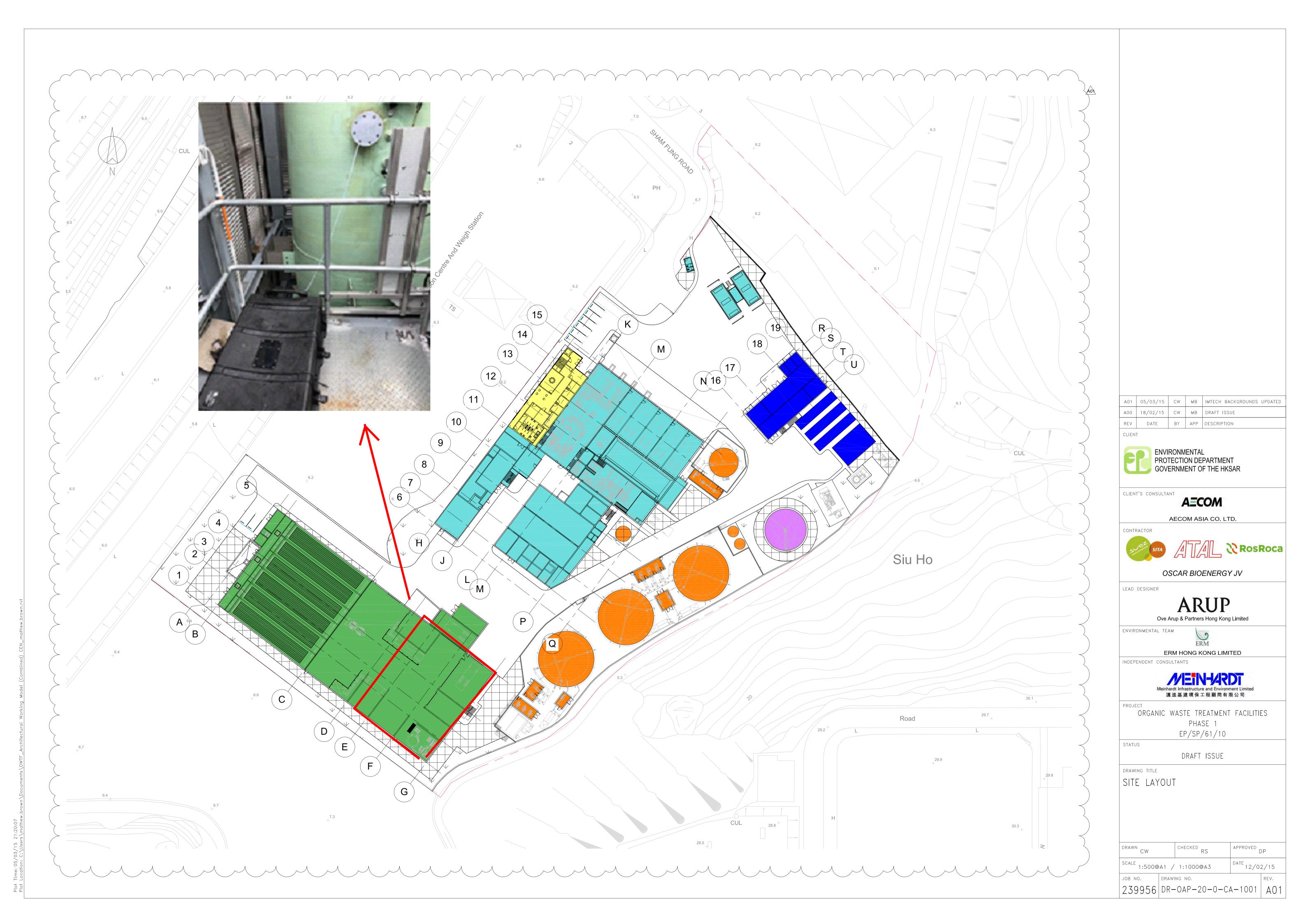
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Prepared by: Bonia Leung, ET Representatives

Date 09-Apr-2019

Appendix A

Monitoring Location



Appendix B

Odour Sampling Results Summary

OSCAR Bioenergy Joint Venture EP/SP/61/10 - Organic Resources Recovery Centre Phase 1

| Sampling Date | Sampling Time | Odour Concentration |
|---------------|---------------|---------------------|
| | | $(OU/Nm^3)^{Note}$ |
| 10 Dec 2018 | 11:36-11:41 | 828 |
| 10 Dec 2018 | 11:41-11:46 | 886 |
| 10 Dec 2018 | 11:56-12:02 | 773 |
| 10 Dec 2018 | 12:02-12:07 | 674 |
| 11 Dec 2018 | 15:13-15:17 | 476 |
| 11 Dec 2018 | 15:19-15:23 | 510 |
| 11 Dec 2018 | 15:34-15:38 | 414 |
| 11 Dec 2018 | 15:38-15:43 | 443 |
| 19 Dec 2018 | 15:08-15:12 | 1164 |
| 19 Dec 2018 | 15:29-15:33 | 1016 |
| 27 Dec 2018 | 14:07-14:10 | 1026 |
| 27 Dec 2018 | 14:11-14:14 | 1026 |
| 27 Dec 2018 | 14:45-14:48 | 1087 |
| 27 Dec 2018 | 14:49-14:53 | 1087 |
| 16 Jan 2019 | 13:42-13:45 | 444 |
| 16 Jan 2019 | 13:48-13:52 | 476 |
| 16 Jan 2019 | 15:54-15:57 | 546 |
| 16 Jan 2019 | 15:58-16:02 | 509 |
| 29 Jan 2019 | 14:00-14:04 | 116 |
| 29 Jan 2019 | 14:04-14:08 | 93 |
| 29 Jan 2019 | 15:03-15:07 | 93 |
| 29 Jan 2019 | 15:03-15:07 | 154 |

Note: According to the EM&A Manual and EP requirements, it is considered an exceedance if the odour level is more than $220 \, \text{OU/Nm}^3$.

Annex K2

Investigation Report – Stack Monitoring Exceedances

Investigation Report of CEMS Exceedances

| Date | 1 – 31 March 2019 | | |
|--------------------------------------|--|--|--|
| Time | Sampling times were shown in Annex G of the EM&A Report. | | |
| Monitoring Location | Continuous Environmental Monitoring System (CEMS) | | |
| Parameter | Various emission parameters of the Centralised Air Pollution | | |
| | Control System (CAPCS), Cogeneration Units (CHP) and | | |
| | Ammonia Stripping Plan (ASP) | | |
| Exceedance Description | Ammonia Stripping Plan (ASP) Continuous monitoring was carried out for CAPCS, CHP and ASP throughout the reporting period using the CEMS. According to the EM&A Manual, exceedance is considered if the emission concentration of the concerned pollutants is higher than the emission limits stated in Tables 2.2, 2.3 and 2.5 of the EM&A Manual (Version E) for CAPCS, CHP and ASP respectively. The concentration of the concerned air pollutants were monitored on-line by the CEMS. Exceedances of various emission parameters were recorded on the CEMS including: Odour in the CAPCS; SO2 in the CHP; and CO, NO_x, SO₂, VOCs and NH₃ in the ASP. The detail monitoring results are shown in <i>Annex G</i> of the EM&A Report. According to the Contractor, the plant was receiving around 100 tonnes of SSOW daily and was operated normally. The exceedances of odour in CAPCS was due to problems in the chemical dosing system resulting in high concentrations of odorous gases H₂S and NH₃ in the exhaust air. According to the Contractor, the SO₂ exceedances recorded in the CHP and ASP could be due to the tripping of the circulation pump resulting in incomplete desulphurisation of biogas in previous process. The Contractor explained that the exceedances recorded in CO, NO_x, VOCs and NH₃ in the ASP was because the thermal combustion unit of the ASP still require tuning to optimise the combustion efficiency. In addition, the Contractor reported that the tuning of the thermal | | |
| | combustion unit took longer than anticipated resulting in the many exceedances recorded during the reporting | | |
| | period. | | |
| Action Taken / Action to be Taken | Once it was identified that there was a problem with the chemical dosing system, the Contractor added the chemicals to the system manually to minimise the exceedances. The Contractor has also contacted the | | |
| | supplier of the chemical dosing system to carry out | | |

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| | repairing works so that the system can function properly. The Contractor put on-line additional activated carbon filters to counter the incomplete desulphurisation process. Tuning of the thermal combustion unit was carried out to optimise the combustion efficiency in order to remove the pollutants in the biogas. |
|---|---|
| Remedial Works and Follow-up Actions | The Contractor is recommended to closely monitor the processes, including the chemical dosing system in the CAPCS, the desulphurisation process, and combustion of biogas in the ASP to avoid the reoccurrence of similar problems. MT will carry out follow-up audit regarding the progress next month. |

Prepared by: Bonia Leung, MT Representative

Date 29-Apr-2019