

JOB NO.: TCS01062/19

EPD CONTRACT NO. EP/SP/86/15 Organic Waste Treatment Facilities Phase 2

MONTHLY ENVIRONMENTAL MONITORING AND AUDIT REPORT (MAY 2021)

PREPARED FOR AJA JOINT VENTURE

Date	Reference No.	Prepared By	Certified By
4 June 2021	TCS01062/19/600/R0150v1	Att	An

Martin Li (Environmental Consultant) Tam Tak Wing (Environmental Team Leader)

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10 June 2021

Dear Sir

Contract No. EP/SP/86/15 Organic Waste Treatment Facilities Phase 2 Monthly Environmental Monitoring & Audit Report (May 2021)

Referring to your letter referenced above dated 4 June 2021, pursuant to Permit Condition 3.4 of the Environmental Permit No. FEP-01/460/2013/A, we hereby verify that the revised report ref. no. TCS01062/19/600/R0150v1 complied in general with the requirements as set out in the EM&A Manual.

Should you have any queries, please contact the undersigned at 2268 3206.

Yours faithfully

Martin Yu Independent Environmental Checker

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EXECUTIVE SUMMARY

- ES01 Environmental Protection Department (hereinafter referred as "EPD") is the Project Proponent for the Project "Organic Waste Treatment Facilities Phase 2" (hereinafter referred as "the Project"). The Project is a Designated Project to be implemented under Environmental Permit No. EP-460/2013 (hereinafter referred as "the EP"). In accordance with the Works Contract requirements, the Contractor shall take over the responsibility of the EP. Based on the requirement, Further Environmental Permit FEP-01/460/2013/A (hereinafter referred as "the FEP") was applied by AJA Joint Venture (hereinafter referred as "AJAJV").
- ES02 Action-United Environmental Services & Consulting (hereinafter referred as "AUES") was employed as Environmental Team (hereinafter referred as "ET") to implement monitoring programmes and as well as the associated duties.
- ES03 This is the monthly EM&A report presenting the environmental monitoring results and inspection findings for the reporting period from 1 to 31 May 2021 (hereinafter 'the Reporting Period').

ENVIRONMENTAL MONITORING AND AUDIT ACTIVITIES

ES04 Environmental monitoring activities under the EM&A program in this Reporting Period are summarized in the following table.

Table ES-1Summary of Environmental Monitoring Activities Undertaken in the
Reporting Period

Issues	Environmental Monitoring Parameters / Inspection	Sessions
Construction Noise	Leq (30min) Daytime	16
Inspection / Audit	ET Regular Environmental Site Inspection	4

BREACH OF ACTION AND LIMIT (A/L) LEVELS

ES05 No daytime construction noise monitoring exceedance was recorded in this Reporting Period. The statistics of environmental exceedance and investigation of exceedance are summarized in the following table.

Table ES-2 Summary of Environmental Monitoring Parameter Exceedance in the Reporting Period

Environmental	Monitoring	Action	Limit	Event & Action	
Issues	Parameters	Level	Level	Investigation Results	Corrective Actions
Construction Noise	Leq _{30min} Daytime	0	0	NA	NA

SITE INSPECTION

ES06 In the Reporting Period, weekly joint site inspections to evaluate the site environmental performance had been carried out by the representative of the Consultants, Independent Environmental Checker (IEC), ET and the Contractor on 5th, 12th, 20th and 26th May 2021. No non-compliance was recorded during the site inspections.

ENVIRONMENTAL COMPLAINT

ES07 No environmental complaint was recorded in this Reporting Period for the Project. The statistics of environmental complaint are summarized in the following table.

 Table ES-3
 Summary of Environmental Complaint Records in the Reporting Period

Departing Daried	Enviror	Related with the		
Reporting Period	Frequency	Cumulative	Complaint Nature	Works Contract
1 – 31 May 2021	0	0	NA	NA

NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

ES08 No environmental summons or prosecutions was received in this Reporting Period for the Project. The statistics of environmental summons or prosecutions are summarized in the following tables.

Table ES-4 Summary of Environmental Summons Records in the Reporting Period

Donorting Doriod	Enviror	Related with the		
Reporting Period	Frequency	Cumulative	Complaint Nature	Works Contract
1 – 31 May 2021	0	0	NA	NA

Table ES-5 Summary of Environmental Prosecutions Records in the Reporting Period

Doporting Doriod	Environ	Related with the		
Reporting Period	Frequency	Cumulative	Complaint Nature	Works Contract
1 – 31 May 2021	0	0	NA	NA

REPORTING CHANGE

ES09 No reporting change was made in this Reporting Period.

FUTURE KEY ISSUES

- ES10 Construction noise would be a key environmental issue during construction work of the Project. Noise mitigation measures such as using quiet plants should be implemented in accordance with the EM&A requirement.
- ES11 In addition, all effluent discharge from the construction site shall fulfill the discharge licence stipulation.



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1. INTRODUCTION

1.1 PROJECT BACKGROUND

- 1.1.1 Environmental Protection Department (hereinafter referred as "EPD") is the Project Proponent for the Project "*Organic Waste Treatment Facilities Phase 2*" (hereinafter referred as "the Project"). The Project is a Designated Project to be implemented under Environmental Permit No. EP-460/2013 (hereinafter referred as "the EP"). The major construction work of the Project included:
 - (i) Demolition and removal of the existing above ground structures of the Sha Ling Livestock Waste Composting Plant (SLCP);
 - (ii) Construction of superstructure for an administration building and enclosed waste reception area;
 - (iii) Installation of treatment facilities including waste pre-treatment equipment, digesters, biogas holding tanks, composting, wastewater treatment, air treatment systems; and
 - (iv) Facilities for biogas processing, utilization and transmission;
- 1.1.2 AJA Joint Venture (hereinafter referred as "AJAJV") has been awarded the *EPD Contract No. EP/SP/86/15* "Organic Waste Treatment Facilities Phase 2". In accordance with the Works Contract requirements, AJAJV shall take over the responsibility of the EP. Based on the requirement, Further Environmental Permit application was submitted by AJAJV to EPD on 10 September 2019 and granted on 2 October 2019. A variation of Further Environmental Permit was granted on 14 September 2020. The Further Environmental Permit is named as FEP-01/460/2013/A (hereinafter referred as "the FEP").
- 1.1.3 According to the approved Environmental Monitoring and Audit Manual (hereinafter referred as "the EM&A Manual"), AJAJV employed Action-United Environmental Services & Consulting (hereinafter referred as "AUES") as Environmental Team (hereinafter referred as "ET") to implement monitoring programme and as well as the associated duties.
- 1.1.4 According to the EM&A Manual, construction noise was identified as the only key environmental issue during the construction phase of the Project and it is required to carry out construction noise monitoring throughout the construction phase. Furthermore, baseline noise monitoring as part of the EM&A programmes shall be conducted prior to the commencement of the construction works under the Project. Thus, baseline noise monitoring was conducted by ET from 25 September 2019 to 8 October 2019. The baseline monitoring report compiled by the ET was verified by Independent Environmental Checker (hereinafter the "IEC") and was submitted to EPD on 19th November 2019 for endorsement.
- 1.1.5 The Project works was commenced on 3rd December 2019. This is the 18th EM&A monthly report presenting the construction noise monitoring results and site inspection findings from 1st to 31st May 2021 (hereinafter the "Reporting Period").

1.2 REPORT STRUCTURE

1.2.1 The Monthly Environmental Monitoring and Audit (EM&A) Report is structured into the following sections:-

sections.	
Section 1	Introduction
Section 2	Project Organization and Construction Progress
Section 3	Summary of Impact Monitoring Requirements
Section 4	Construction Noise Monitoring
Section 5	Waste Management
Section 6	Site Inspections
Section 7	Environmental Complaints and Non-Compliance
Section 8	Implementation Status of Mitigation Measures
Section 9	Conclusions and Recommendations



2. PROJECT ORGANIZATION AND CONSTRUCTION PROGRESS

2.1 PROJECT ORGANIZATION AND CONSTRUCTION PROGRESS

2.1.1 Organization structure and contact details of relevant parties with respect to on-site environmental management are shown in *Appendix B*. The responsibilities of respective parties are:

Engineer or Engineers Representative (ER)

- 2.1.2 The ER is responsible for overseeing the construction works and for ensuring that the works are undertaken by the Contractor in accordance with the specification and contract requirements. The duties and responsibilities of the ER with respect to EM&A include:
 - to monitor the Contractor's compliance with Contract Specifications, including the effective implementation and operation of the environmental mitigation measures;
 - to employ an Independent Environmental Checker (IEC) to audit the results of the EM&A works carried out by the Environmental Team (ET);
 - to monitor Contractors', ET's and IEC's compliance with the requirements in the Environmental Permit (EP) and EM&A Manual;
 - to facilitate ET's implementation of the EM&A programme;
 - participate in joint site inspection by the ET and IEC;
 - to oversee the implementation of the agreed Event / Action Plan in the event of any exceedance; and,
 - to adhere to the procedures for carrying out complaint investigation.

The Contractor

- 2.1.3 The Contractor should report to the ER. The duties and responsibilities of the Contractor include:
 - to comply with the relevant contract conditions and specifications on environmental protection;
 - to employ an ET to undertake monitoring, laboratory analysis and reporting of EM&A;
 - to facilitate ET's monitoring and site inspection activities;
 - to participate in the site inspections undertaken by the ET and IEC, and undertake any corrective actions;
 - to provide information / advice to the ET regarding works programme and activities which may contribute to the generation of adverse environmental impacts;
 - to submit proposals on mitigation measures in case of exceedance of Action and Limit levels in accordance with the Event / Action Plans;
 - to implement measures to reduce impact where Action and Limit levels are exceeded; and,
 - to adhere to the procedures for carrying out complaint investigation.

Environmental Team (ET)

- 2.1.4 The ET will be led and managed by the ET Leader. ET Leader should have relevant professional qualifications in environmental control and possess at least 7 years of experience in EM&A. Suitably qualified staff should be included in the ET, and resources for the implementation of the EM&A programme should be allocated in the time under the Contract, to enable fulfilment of the Project's EM&A requirements as specified in the EM&A Manual during construction of the Project. The ET should report to Project Proponent and the duties should include:
 - to monitor and audit various environmental parameters as required in this EM&A Manual;
 - to analyse the environmental monitoring and audit data, review the success of EM&A programme and the adequacy of mitigation measures implemented, confirm the validity of the EIA predictions and identify any adverse environmental impacts arising;
 - to monitor compliance with conditions in the EP, environmental protection, pollution prevention and control regulations and contract specifications;
 - to audit environmental conditions on site;
 - to report on the environmental monitoring and audit results to EPD, the ER, the IEC and Contractor or their delegated representatives;

- to recommend suitable mitigation measures to the Contractor in the case of exceedance of Action and Limit levels in accordance with the Event and Action Plans;
- to liaise with the IEC on all environmental performance matters, and ensure timely submission of all relevant EM&A pro forma for IEC's approval;
- to provide advice to the Contractor on environmental improvement, awareness and enhancement matters, etc on site;
- to adhere to the procedures for carrying out complaint investigation;
- to prepare reports on the environmental monitoring data and the site environmental conditions;
- to submit the EM&A report to Director of Environmental Protection (DEP) timely;
- to review proposals of mitigation measures from the Contractor in case of exceedance of Action and Limit levels, in accordance with Event and Action Plan; and,
- to carry out site inspection to investigate and audit the Contractor's site practice, equipment and work methodologies with respect to pollution control and mitigation measures.

Independent Environmental Checker (IEC)

- 2.1.5 The IEC is empowered to audit the environmental performance of construction, but is independent from the management of construction works. As such, the IEC should not be in any way an associated body of the Contractor or the ET for the Project. The IEC should be a person who has relevant professional qualifications in environmental control and at least 7 years' experience in EM&A and environmental management. The duties and responsibilities of the IEC are:
 - to provide proactive advice to the ER on EM&A matters related to the project;
 - to review and verify the monitoring data and all submissions in connection with the EP and EM&A Manual submitted by the ET;
 - to arrange and conduct regular, at least monthly site inspections of the works during the construction phase, and to carry out ad hoc inspections if significant environmental problems are identified;
 - to check compliance with the agreed Event / Action Plan in the event of any exceedance;
 - to check compliance with the procedures for carrying out complaint investigation;
 - to check the effectiveness of corrective measures;
 - to feedback audit results to the ET by signing off relevant EM&A pro forma;
 - to check that mitigation measures are effectively implemented;
 - to report the works conducted, and the findings, recommendations and improvements of the site inspections, after reviewing ET's and Contractor's works, to the ER on a monthly basis;
 - to verify the investigation result of the environmental complaint cases and the effectiveness of corrective measures;
 - to verify EM&A report that has been certified by ET leader; and,
 - to audit EIA recommendations and requirements against the status of implementation of environmental mitigation measures on site.

2.2 CONSTRUCTION PROGRESS

- 2.2.1 3-month rolling construction program of the Project is enclosed in *Appendix D*; and the major construction activities undertaken in the Reporting Period is presented as below:
 - AD Digester tank wall concreting
 - FB all footings concreting
 - RB scaffolding for bunker tanks & dilute tanks

2.3 SUMMARY OF ENVIRONMENTAL SUBMISSIONS

2.3.1 Summary of the relevant permits, licenses, and/or notifications on environmental protection for the Project of contract 1 are presented in *Tables 2-1*.



		Lie	cense/Perm	nit Status	
Item	Description	Permit no./	Valid	Period	
Ittm	Description	account no./ Ref. no.	From	То	Status
1	Notification pursuant to AirpollutionControl(ConstructionDust)Regulation	Application No. 448863			Notified on 9 September 2019
2	Chemical Waste Producer Registration	Ref. no.: 5211-641-A2957- 01			Issued on 9 Oct 2019
3	Water Pollution Control Ordinance - Discharge License	Application No. 448913			Application made on 10 Sep 2019
4	Waste Disposal Regulation - Billing Account for Disposal of Construction Waste	Account no. 7035307	2 Oct 2019	NA	Valid
5	Further Environmental Permit	FEP-01/460/2013/ A	14 Sep 2020	NA	Valid
6	Construction Noise Permit	GW-RN0923-20	31 Dec 2020	26 Jun 2021	Valid
7	Water Discharge Licence	WT00035196-201 9	20 Mar 2020	31 Mar 2025	Valid

Table 2-1Status of Environmental Licenses and Permits of the Project



3. SUMMARY OF IMPACT MONITORING REQUIREMENTS

3.1 GENERAL

3.1.1 According to Environmental Monitoring and Audit requirements set out in the Approved EM&A manual, construction noise was identified as the only key environmental issues during the construction phase of the Project.

3.2 MONITORING PARAMETERS

3.2.1 The construction noise monitoring requirement stated in the approved EM&A Manual is summarized in *Table 3-1*.

Table 3-1 Summary of EM&A Requirement	Table 3-1	Summary of EM	&A Requirements
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Environmental Issue	Parameters				
Noise	 Leq(30min) in normal working days (Monday to Saturday) 07:00-19:00 except public holiday Supplementary information for data auditing, statistical results such as L₁₀ and L₉₀ shall also be obtained for reference. 				

3.3 MONITORING LOCATIONS

3.3.1 According to the EM&A Manual Section 4.2.3, four (4) designated noise sensitive receivers (NSR) were recommended as construction noise monitoring stations. Since two of the designated monitoring locations N2 and N3 were found not accessible, alternative monitoring locations N2a and N3a were therefore proposed for the noise monitoring and were approved by EPD on 1 June 2021. Details of the locations for construction noise monitoring in the Reporting Period is listed in *Table 3-2* and showed in *Appendix C*.

Table 3-2	Impact Monitoring Stations – Construction Noise
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ID	Location
N1	Village House No. 308, Sha Ling
N2a	Village House No. 318, Sha Ling
N3a	Village House No. 261, Sha Ling
N4	Village House in Sha Ling

3.4 MONITORING FREQUENCY AND PERIOD

- 3.4.1 Noise monitoring shall be conducted at the all available designated monitoring stations or alternative locations. The monitoring frequency shall depend on scale of the construction activities. According to EM&A manual, regular noise monitoring should be carried out once a week when noise generating activities are underway and the monitoring requirement is presented below:
 - one set of Leq_(30min) measurements between 07:00 and 19:00 hours on normal weekdays

3.5 MONITORING EQUIPMENT

- 3.5.1 Sound level meter in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications shall be used for carrying out the noise monitoring. The sound level meter shall be checked using an acoustic calibrator. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in ms⁻¹.
- 3.5.2 Equipment used for construction noise monitoring is listed in *Table 3-3*.

Table 3-3Construction Noise Monitoring Equipment

Equipment	Model
Integrating Sound Level Meter	B&K Type 2238 and Rion NL-52
Calibrator	Rion NC-73 and Rion NC-74
Portable Wind Speed Indicator	Anemometer AZ Instrument 8908 Wind Speed Indicator



3.6 MONITORING METHODOLOGY

- 3.6.1 Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.
- 3.6.2 All noise measurements will be performed with the meter set to FAST response and on the A-weighted equivalent continuous sound pressure level (Leq). Leq_(30 min) in six consecutive Leq_(5 min) measurements will be used as the monitoring parameter for the time period between 07:00-19:00 hours on weekdays throughout the construction period.
- 3.6.3 The sound level meter will be mounted on a tripod at a height of 1.2 m and placed at the assessment point and oriented such that the microphone is pointed to the site with the microphone facing perpendicular to the line of sight. The windshield will be fitted for all measurements. Where a measurement is to be carried out at a building, the assessment point would normally be at a position 1 m from the exterior of the building façade. Where a measurement is to be made for noise being received at a place other than a building, the assessment point would be at a position 1.2 m above the ground in a free-field situation, i.e. at least 3.5 m away from reflective surfaces such as adjacent buildings or walls.
- 3.6.4 Immediately prior to and following each noise measurement the accuracy of the sound level meter will be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements will be accepted as valid only if the calibration level from before and after the noise measurement agrees to within 1.0 dB.
- 3.6.5 Noise measurements will not be made in fog, rain, wind with a steady speed exceeding 5m/s or wind with gusts exceeding 10m/s. The wind speed will be checked with a portable wind speed meter capable of measuring the wind speed in m/s.
- 3.6.6 The sound level meter and calibrator are calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme at yearly basis. Calibration certificates of all the noise monitoring equipment used for the impact monitoring program will be provided in each EM&A Monthly Report.

3.7 ACTION/LIMIT (A/L) LEVELS

3.7.1 Action and Limit levels for construction noise as stipulated in the approved Environmental Monitoring and Audit Manual are listed in *Tables 3-4*.

Manitaning Lagotion	Action Level	Limit Level in dB(A)				
Monitoring Location	Time Period: 0700-1900 hours on normal weekdays					
N1						
N2a	When one or more documented					
N3a	complaints are received	75 dB(A)				
N4						

 Table 3-4
 Action and Limit Levels for Construction Noise

Note: If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority should be followed.

3.7.2 Should non-compliance of the environmental quality criteria occur, remedial actions will be triggered according to the Event and Action Plan presented in *Appendix E*.

3.8 DATA MANAGEMENT AND DATA QA/QC CONTROL

3.8.1 All monitoring data will be handled by the ET's in-house data recording and management system. The monitoring data recorded in the equipment will be downloaded directly from the equipment at



the end of each monitoring day. The downloaded monitoring data will be input into a computerized database properly maintained by the ET.



4. CONSTRUCTION NOISE MONITORING

4.1 GENERAL

- 4.1.1 In the Reporting Period, construction noise monitoring was performed at monitoring location N1, N2a, N3a and N4. No construction work was carried out during restricted hours in the reporting period, therefore no additional noise monitoring during restricted hours was performed. The noise monitoring schedule is presented in *Appendix F*.
- 4.1.2 Valid calibration certificates of monitoring equipment are shown in *Appendix G* and the construction noise monitoring results are summarized in the following sub-sections.

4.2 RESULTS OF NOISE MONITORING

4.2.1 **16** sessions of daytime construction noise monitoring were performed at the agreed monitoring locations in the reporting period. Since the noise measurement was made under free field condition, a façade correction of +3dB(A) was added according to acoustical principles and EPD guidelines. For the approved alternative monitoring locations N2a and N3a, an additional distance correction of +1 dB(A) and +3 dB(A) respectively were applied. The daytime noise monitoring results are summarized in **Table 4-1 to Table 4-4**. The detailed noise monitoring data are presented in **Appendix H** and the relevant graphical plots are shown in **Appendix I**.

Table 4-1Daytime Construction Noise Impact Monitoring Results

Date	Time of Starting	Time of Finishing	Measurement Result (dB(A)) L _{eq30min}
6-May-21	9:16	9:46	56.5
12-May-21	9:18	9:48	60.0
18-May-21	11:16	11:46	60.6
24-May-21	11:38	12:08	70.3

Table 4-2Daytime Construction Noise Impact Monitoring Results at N2a
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Date	Time of Starting	Time of Finishing	Measurement Result (dB(A)) L _{eq30min}
6-May-21	10:02	10:32	67.7
12-May-21	9:55	10:25	56.1
18-May-21	10:36	11:06	59.4
24-May-21	13:00	13:30	65.2

Table 4-3Daytime Construction Noise Impact Monitoring Results at N3a

Date	Time of Starting	Time of Finishing	Measurement Result (dB(A)) Leq30min
6-May-21	10:43	11:13	72.6
12-May-21	10:33	11:03	65.5
18-May-21	9:57	10:27	67.1
24-May-21	10:47	11:17	74.2

Table 4-4

Daytime Construction Noise Impact Monitoring Results at N4

Date	Time of Starting	Time of Finishing	Measurement Result (dB(A)) Leq30min
6-May-21	11:28	11:58	66.6
12-May-21	11:11	11:41	63.6
18-May-21	9:21	9:51	64.8
24-May-21	13:02	13:32	62.1

4.2.2 As shown in *Table 4-1 to 4-4*, all the measured results were below 75dB(A) of the acceptance criteria. No adverse weather condition which may affect the monitoring result was encountered during the course of noise monitoring in the reporting period. Furthermore, no documented complaint is received, indicating no exceedance of Action Level.



5. WASTE MANAGEMENT

5.1 GENERAL WASTE MANAGEMENT

5.1.1 Waste management was carried out by an on-site Environmental Officer or an Environmental Supervisor from time to time.

5.2 RECORDS OF WASTE QUANTITIES

- 5.2.1 All types of waste arising from the construction work are classified into the following:
 - Construction & Demolition (C&D) Material;
 - Chemical Waste;
 - General Refuse; and
 - Excavated Soil.
- 5.2.2 The quantities of waste for disposal in this Reporting Period are summarized in *Tables 5-1* and *5-2*.

Table 5-1Summary of Quantities of Inert C&D Materials

Type of Waste	Quantity	Disposal Location
C&D Materials (Inert) ('000m ³)	0.036	-
Reused in this Contract (Inert) ('000m ³)	0	-
Reused in other Projects (Inert) ('000m ³)	0	-
Disposal as Public Fill (Inert) ('000m ³)	0.036	TM38

Table 5-2Summary of Quantities of C&D Wastes

Type of Waste	Quantity	Disposal Location
Recycled Metal ('000kg)	0	-
Recycled Paper / Cardboard Packing ('000kg)	0	-
Recycled Plastic ('000kg)	0	-
Chemical Wastes ('000kg)	0	-
General Refuses ('000m ³)	0.043	NENT



6. SITE INSPECTION

6.1 REQUIREMENTS

6.1.1 According to the approved EM&A Manual, the environmental site inspection shall be formulated by ET Leader. Weekly environmental site inspections should be carried out to confirm the environmental performance.

6.2 FINDINGS / DEFICIENCIES DURING THE REPORTING PERIOD

- 6.2.1 In the Reporting Period, joint site inspection for the Project to evaluate site environmental performance was carried out by the ER, IEC representative, ET and the Contractor on 5, 12, 20 and 26 May 2021. No non-compliance was noted.
- 6.2.2 The findings / deficiencies of the Project observed during the weekly site inspection are listed in *Table 6-1*.

Date	Findings / Deficiencies	Follow-Up Status
5 May 2021	• No adverse environmental issue was observed.	NA
12 May 2021	• The Contractor was reminded to provide water spraying on site. (General)	Reminder only.
20 May 2021	• No adverse environmental issue was observed.	NA
26 May 2021	• No adverse environmental issue was observed.	NA

Table 6-1Site Observations during the Weekly Inspection



7. ENVIRONMENTAL COMPLAINT, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

7.1 Environmental Complaint, Summons and Prosecution

7.1.1 In the Reporting Period, no environmental complaint, summons and prosecution under the EM&A Programme was lodged for the project. The statistical summary table of environmental complaint is presented in *Tables 7-1, 7-2* and *7-3*.

Table 7-1 Statistical Summary of Environmental Complaints

Donouting Douiod	Environmental Complaint Statistics						
Reporting Period	Frequency	Cumulative	Complaint Nature				
1 – 31 May 2021	0	0	NA				

Table 7-2Statistical Summary of Notification of Summons

Depenting Devied	Environmental Summons Statistics						
Reporting Period	Frequency	Cumulative	Summons Nature				
1 – 31 May 2021	0	0	NA				

Table 7-3 Statistical Summary of Successful Prosecutions

Domonting Domind	Enviro	tatistics		
Reporting Period	Frequency	Cumulative	Prosecution Nature	
1 – 31 May 2021	0	0	NA	



8. ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE

8.1 GENERAL REQUIREMENTS

- 8.1.1 The environmental mitigation measures that recommended in the Environmental Mitigation Implementation Schedule (EMIS) in the approved EM&A Manual covered the issues of dust, noise, water and waste and they are summarized presented in *Appendix K*.
- 8.1.2 AJAJV had been implementing the required environmental mitigation measures according to the Environmental Monitoring and Audit Manual subject to the site condition. Environmental mitigation measures generally implemented by AJAJV in this Reporting Period are summarized in *Table 8-1*.

Table 8-1	Environmental Mitigation Measures
Issues	Environmental Mitigation Measures
Water Quality	 Any wastewater generated should be appropriately treated by treatment facilities; Drainage channels were provided to convey run-off into the treatment facilities; and Drainage systems were regularly and adequately maintained.
Air Quality	 Regular watering to reduce dust emissions from all exposed site surface, particularly during dry weather; Frequent watering for particularly dusty construction areas and areas close to air sensitive receivers; Cover all excavated or stockpile of dusty material by impervious sheeting or sprayed with water to maintain the entire surface wet; Public roads around the site entrance/exit had been kept clean and free from dust; and Tarpaulin covering of any dusty materials on a vehicle leaving the site.
Noise	 Good site practices to limit noise emissions at the sources; Use of quite plant and working methods; Use of site hoarding or other mass materials as noise barrier to screen noise at ground level of NSRs; Use of shrouds/temporary noise barriers to screen noise from relatively static PMEs; Alternative use of plant items within one worksite, where practicable.
Waste Management	 Any excavated material should be reused on site as far as possible to minimize off-site disposal. Scrap metals or abandoned equipment should be recycled if possible; Waste arising should be kept to a minimum and be handled, transported and disposed of in a suitable manner; Trip ticket system for the disposal of C&D materials to any designed public filling facility and/or landfill was implemented; and Chemical waste shall be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes.
General	The site was generally kept tidy and clean.

Table 8-1 Environmental Mitigation Measures

8.2 TENTATIVE CONSTRUCTION ACTIVITIES IN THE COMING MONTH

- 8.2.1 Tentative construction activities to be undertaken in June 2021 should be included:-
 - AD digester tank wall concreting
 - GB wall below G/F concreting
 - RB Bunker tanks & dilute tanks wall concreting



9. CONCLUSIONS AND RECOMMENDATIONS

9.1 CONCLUSIONS

- 9.1.1 This is the monthly EM&A report presenting the monitoring results and inspection findings for the reporting period from 1 to 31 May 2021.
- 9.1.2 In the Reporting Period, no daytime construction noise monitoring results that triggered the Limit Level were recorded and no noise complaint (which is an Action Level exceedance) was received by the Project Consultant, EPD and the Contractors.
- 9.1.3 In this Reporting Period, joint site inspection to evaluate the site environmental performance for the Project was carried out by the ER, IEC representative, ET and Contractor on 5, 12, 20 and 26 May 2021. No non-compliance was noted during the site inspection.
- 9.1.4 No documented complaint, notification of summons or successful prosecution was received under the Project.

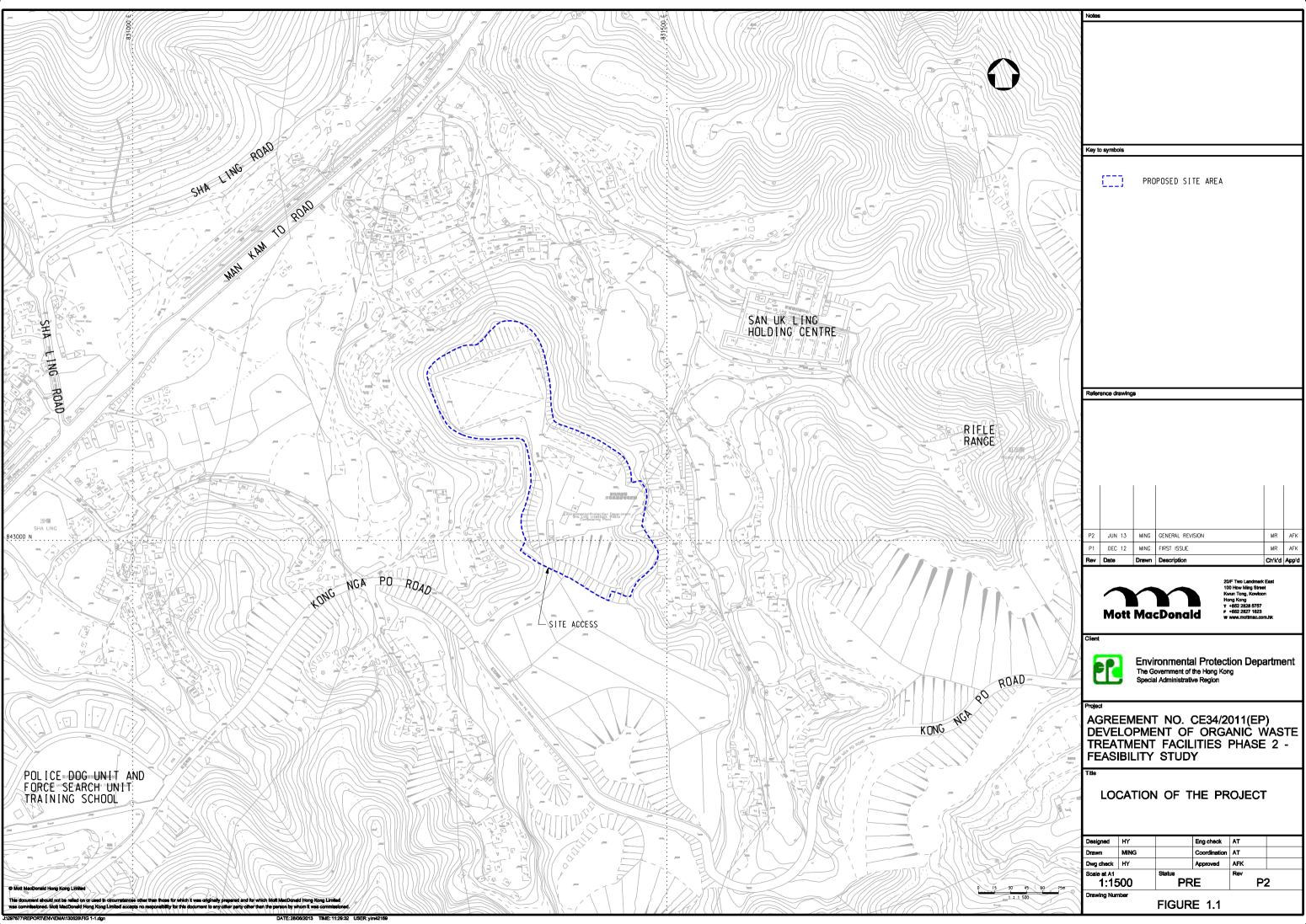
9.2 RECOMMENDATIONS

- 9.2.1 Construction noise should be a key environmental impact during the works. The noise mitigation measures such as use of quiet plants or temporary noise barrier installation at the construction noise predominated area should be implemented in accordance with the EM&A requirement.
- 9.2.2 In addition, all effluent discharge shall be ensured to fulfill the discharge licence stipulation.
- 9.2.3 All the trees proposed to be retained in-situ should be properly preserved and protected during the construction works. Tree Preservation and Protection Works for these retained trees shall follow Section 3 and 26 of CEDD's General Specification for Engineering Works and Section 26 of Contract Specification Part B.
- 9.2.4 Trees to be felled shall be in accordance with the Tree Preservation and Removal Proposal (TPRP) to be approved by relevant approval authority.
- 9.2.5 Contract Specification Part B Section 1.78 "Waste Management" and DEVB's "Guidelines on Yard Waste Reduction and Treatment" should be referred before tree removal and plan the necessary arrangement.



Appendix A

Layout plan of the Project



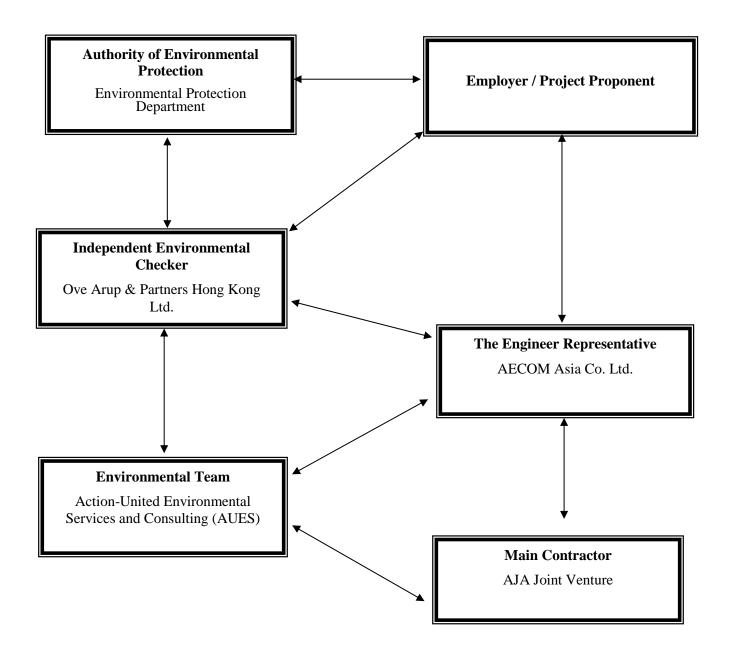


Appendix B

Organization Chart



Project Organization Chart





Organization	Project Role	Name of Key Staff	Tel No.	Fax No.
EPD	Project Proponent	Sunny Chiu	3151 7209	3528 0492
AECOM	Resident Engineer	Terrence Lam	5579 5239	3010 8507
AECOM	Resident Engineer	TY Lou	5620 4008	3010 8507
ARUP	Independent Environmental Checker	Martin Yu	2268 3206	2268 3380
ARUP	Engineer (Safety, Environment and Planning)	Edmond Tang	3447 6181	2268 3955
AJAJV	Project Manager	Victor Wu	2862 5013	2862 5013
AJAJV	Construction Manager	Johnny Leung	9494 0581	9494 0581
AJAJV	Project Environmental Manager	Gabriel Wong	6114 9590	6114 9590
AUES	Environmental Team Leader	T. W. Tam	2959 6059	2959 6079
AUES	Environmental Consultant	Nicola Hon	2959 6059	2959 6079
AUES	Environmental Consultant	Ben Tam	2959 6059	2959 6079
AUES	Environmental Consultant	Martin Li	2959 6059	2959 6079

Contact Details of Key Personnel for the Project

Legend:

EPD (*Employer*) – *Environmental Protection Department*

AECOM (Engineer Representative) – AECOM Asia Co. Ltd.

AJAJV (Main Contractor) – AJA Joint Venture

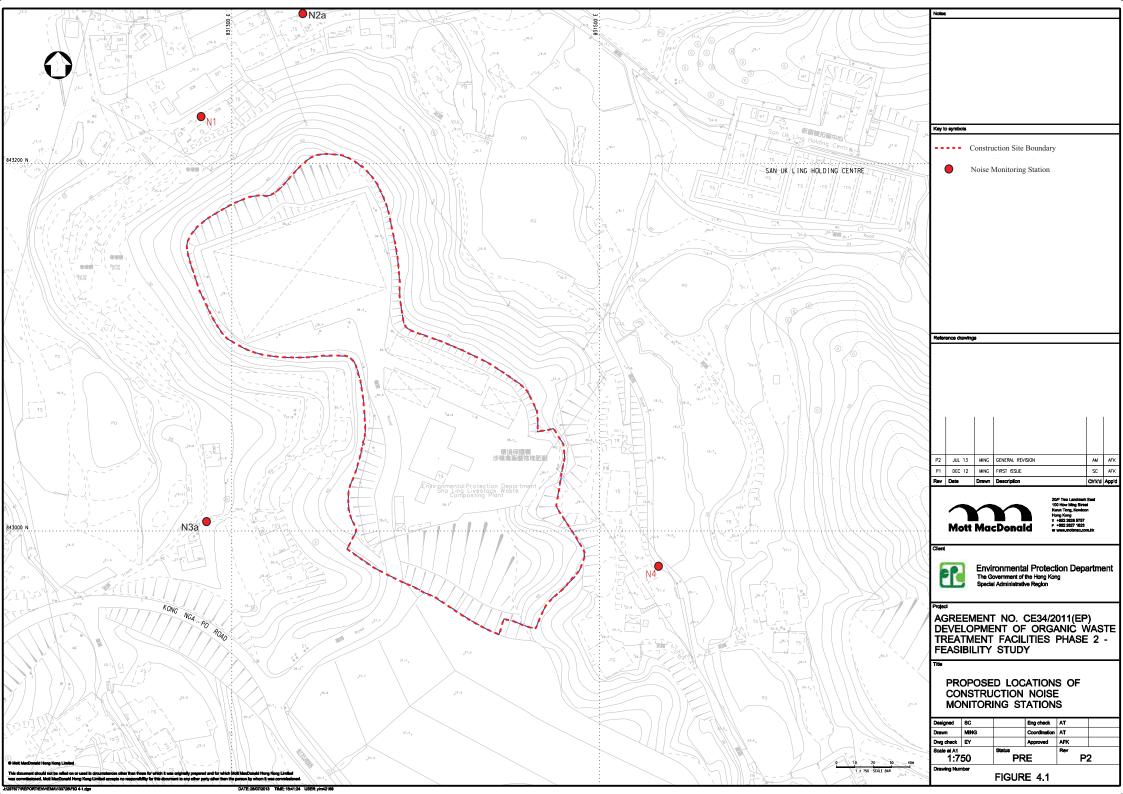
ARUP (IEC) – Ove Arup & Partners Hong Kong Ltd.

AUES (ET) – Action-United Environmental Services & Consulting



Appendix C

Monitoring Locations for Impact Monitoring





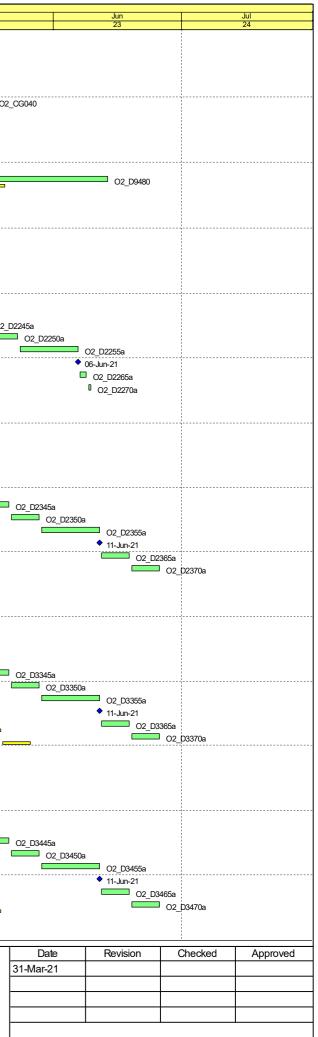
Appendix D

3-Month Rolling Construction Programme

)	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float	Mar 20	Apr 21	20
tract No. EP/SP	P/86/15 - ORGANIC RESOURCE RECOVERY CENTRE, PHASE 2	955	16-Dec-19	21-Jul-22	16-Dec-19 A	27-Jul-22	346	1 20	21	
GN		483	01-Apr-20	03-Jul-21	01-Apr-20 A	27-Jul-21	711			
SIGN ENHANCEN		108	30-Jan-21	17-May-21	30-Jan-21 A	17-May-21	2			
ANULATION PR		108	30-Jan-21	17-May-21	30-Jan-21 A	17-May-21	2			
2_CG030	Contractor Change Proposal - Composting to Granulation - Stage 2 Approval	78	30-Jan-21	17-Apr-21	30-Jan-21 A	17-Apr-21	2		O2_CG030	
2_CG040	Contractor Change Proposal - Composting to Granulation - Stage 3 Approval	30	18-Apr-21	17-May-21	18-Apr-21	17-May-21	2			
EM8350	Submission of Fire Risk Assesment Report	46 218	01-Mar-21 08-Nov-20	15-Apr-21 20-May-21	01-Mar-21 A 08-Nov-20 A	15-Apr-21 13-Jun-21	134		O2_EM8350	
- FOOTBRIDGE		218	08-Nov-20	20-May-21 20-May-21	08-Nov-20 A	13-Jun-21	134			
2 D9460	Footbridge: Prepare ELS Submission	114	08-Nov-20	01-Mar-21	08-Nov-20 A	01-Apr-21	134		O2 D9460	
2 D9470	Footbridge: IC Approval on ELS	104	08-Dec-20	21-Mar-21	08-Dec-20 A	14-Apr-21	134		O2_D3400 O2 D9470	
 2	Footbridge: ERApproval on ELS	60	22-Mar-21	20-May-21	15-Apr-21	13-Jun-21	134			
RMANENT WORK	KS DESIGN	483	01-Apr-20	03-Jul-21	01-Apr-20 A	27-Jul-21	711			
DETAILED DESIG	GN SUBMISSION	483	01-Apr-20	03-Jul-21	01-Apr-20 A	27-Jul-21	711			
-ARCHITECTU	IRAL DESIGN REPORT & DRAWING SUBMISSION	319	11-Aug-20	26-May-21	11-Aug-20 A	25-Jun-21	412			
1.1 - RECEPTIO	N BUILDING - ARCHITECTURAL WORKS	161	31-Dec-20	10-May-21	31-Dec-20 A	09-Jun-21	165			
IC CHECKING &	CERTIFICATION	116	31-Dec-20	26-Mar-21	31-Dec-20 A	25-Apr-21	165	/		
O2_D2225a	Submit further information for the re-submitted ADR for Reception Building to IC (Clause 5.4.3.9, Specs Part A)*	70	31-Dec-20	10-Mar-21	31-Dec-20 A	09-Apr-21	165		O2_D2225a	
O2_D2230a	IC Certify ADR for Reception Building (Clause 5.4.3.9, Specs Part A) *	14	11-Mar-21	24-Mar-21	10-Apr-21	23-Apr-21	165		02_D	
02_D2235a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) *	2	25-Mar-21	26-Mar-21	24-Apr-21	25-Apr-21	165		□ 02 <u></u>	_D2235a
EMPLOYER's CO		45	27-Mar-21	10-May-21	26-Apr-21	09-Jun-21	165		_	
02_D2240a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	27-Mar-21	02-Apr-21	26-Apr-21	02-May-21	165	_	+ -	02_D2240a
02_D2245a	ER Comment on the submitted ADR for Reception Building (Clause 5.4.3.17.c, Specs Part A)	14	03-Apr-21	16-Apr-21	03-May-21	16-May-21	165 165			
02_D2250a 02_D2255a	Submit further information for the submitted ADR for Reception Building to ER (Clause 5.4.3.19, Specs Part A) ER Comment on the re-submitted ADR for Reception Building (Clause 5.4.3.17.a, Specs Part A)	7	17-Apr-21 24-Apr-21	23-Apr-21 07-May-21	17-May-21 24-May-21	23-May-21 06-Jun-21	165			
D2_D2255a D2 D2260a	ER Comment on the re-submitted AUK for Reception Building (Clause 5.4.3.17.a, Specs Part A ER Consented ADR for Reception Building (Clause 5.4.3.17.a, Specs Part A)	0	24-Mp1-21	07-May-21 07-May-21	∠+-ividy-∠ i	06-Jun-21 06-Jun-21	165			
02_02260a 02_02265a	Submit Two Complete Sets ADR for Reception Building to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	2	08-May-21	07-May-21 09-May-21	07-Jun-21	08-Jun-21	165			
02_02200a 02 D2270a	Design Registered - ADR for Reception Building	1	10-May-21	10-May-21	07-Jun-21	09-Jun-21	165	L		
	TION BUILDING - ARCHITECTURAL WORKS	319	11-Aug-20	10-May-21	11-Aug-20 A	25-Jun-21	180			0
	CERTIFICATION	263	11-Aug-20	15-Mar-21	11-Aug-20 A	30-Apr-21	180			
O2 D2320a	IC Comment on the re-submitted ADR for Granulation Building (Clause 5.4.3.9, Specs Part A)	30	11-Aug-20	09-Sep-20	11-Aug-20 A	10-Mar-21 A		02 D23203	_	
 D2	Submit further information for the re-submitted ADR for Granulation Building to IC (Clause 5.4.3.9, Specs Part A)	7	10-Sep-20	07-Dec-20	11-Mar-21 A	09-Apr-21	180		O2 D2325a	
 O2 D2330a	IC Certify ADR for Granulation Building (Clause 5.4.3.9, Specs Part A)	14	08-Dec-20	08-Mar-21	10-Apr-21	23-Apr-21	180		O2 D	2330a
 O2_D2335a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	09-Mar-21	15-Mar-21	24-Apr-21	30-Apr-21	180			O2_D2335a
EMPLOYER's CO	ONSENT	56	16-Mar-21	10-May-21	01-May-21	25-Jun-21	180			-
O2_D2340a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	16-Mar-21	22-Mar-21	01-May-21	07-May-21	180			O2_C
O2_D2345a	ER Comment on the submitted ADR for Granulation Building (Clause 5.4.3.17.c, Specs Part A)	14	23-Mar-21	05-Apr-21	08-May-21	21-May-21	180			
O2_D2350a	Submit further information for the submitted ADR for Granulation Building to ER (Clause 5.4.3.19, Specs Part A)	7	06-Apr-21	12-Apr-21	22-May-21	28-May-21	180			
O2_D2355a	ER Comment on the re-submitted ADR for Granulation Building (Clause 5.4.3.17.a, Specs Part A)	14	13-Apr-21	26-Apr-21	29-May-21	11-Jun-21	180			
O2_D2360a	ER Consented ADR for Granulation Building (Clause 5.4.3.17.a, Specs Part A)	0		26-Apr-21		11-Jun-21	180		.	
O2_D2365a	Submit Two Complete Sets ADR for Granulation Building to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	27-Apr-21	03-May-21	12-Jun-21	18-Jun-21	180		_	
O2_D2370a	Design Registered - ADR for Granulation Building	7	04-May-21	10-May-21	19-Jun-21	25-Jun-21	180			
1.3 - FOOTBRID	DGE/WALKWAY - ARCHITECTURAL WORKS	128	18-Feb-21	26-May-21	18-Feb-21 A	25-Jun-21	412			
	CERTIFICATION	72	18-Feb-21	31-Mar-21	18-Feb-21 A	30-Apr-21	412			
O2_D3325a	Submit further information for the re-submitted ADR for Footbridge Building to IC (Clause 5.4.3.9, Specs Part A)	21	18-Feb-21	10-Mar-21	18-Feb-21 A	09-Apr-21	412		O2_D3325a	
02_03330a	IC Certify ADR for Footbridge Building (Clause 5.4.3.9, Specs Part A)	14	11-Mar-21	24-Mar-21	10-Apr-21	23-Apr-21	412		02_D	
02_03335a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	25-Mar-21	31-Mar-21	24-Apr-21	30-Apr-21	412		-	O2_D3335a
		56	01-Apr-21	26-May-21	01-May-21	25-Jun-21	412			
D2_D3340a D2_D3345a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted ADR for Footbridge Building (Clause 5.4.3.17.c, Specs Part A)	7	01-Apr-21	07-Apr-21	01-May-21	07-May-21	412 412			02_
D2_D3345a D2_D3350a	EX comment on the submitted ADR for Footbridge Building (Clause 5.4.3.17.c, Specs Part A) Submit further information for the submitted ADR for Footbridge Building to ER (Clause 5.4.3.19, Specs Part A)	7	08-Apr-21 22-Apr-21	21-Apr-21 28-Apr-21	08-May-21 22-May-21	21-May-21 28-May-21	412			
D2_D3350a D2 D3355a	ER Comment on the re-submitted ADR for Footbridge Building (Clause 5.4.3. 19, Specs Part A)	14	22-Apr-21 29-Apr-21	20-Apr-21 12-May-21	22-Ivlay-21 29-May-21	20-iviay-21 11-Jun-21	412			
02_03360a	ER Consented ADR for Footbridge Building (Clause 5.4.3.17.a, Specs Part A)	0		12-May-21	20 may 21	11-Jun-21	412		•	
O2_D3365a	Submit Two Complete Sets ADR for Footbridge Building (claded 0.4.0.17.8, opcost at CP)	7	13-May-21	19-May-21	12-Jun-21	18-Jun-21	412			¢
D2_D3370a	Design Registered - ADR for Footbridge Building	7	20-May-21	26-May-21	19-Jun-21	25-Jun-21	412	J		
-	JSE - ARCHITECTURAL WORKS	163	14-Jan-21	19-May-21	14-Jan-21 A	25-Jun-21	318	/		
	CERTIFICATION	107	14-Jan-21	24-Mar-21	14-Jan-21 A	30-Apr-21	318			
D2_D3425a	Submit further information for the re-submitted ADR for Pump House to IC (Clause 5.4.3.9, Specs Part A)	49	14-Jan-21	03-Mar-21	14-Jan-21 A	09-Apr-21	318		O2_D3425a	
 D2_D3430a	IC Certify ADR for Pump House (Clause 5.4.3.9, Specs Part A)	14	04-Mar-21	17-Mar-21	10-Apr-21	23-Apr-21	318		O2_D	3430a
D2_D3435a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	18-Mar-21	24-Mar-21	24-Apr-21	30-Apr-21	318			O2_D3435a
MPLOYER's CO	ONSENT	56	25-Mar-21	19-May-21	01-May-21	25-Jun-21	318			
D2_D3440a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	25-Mar-21	31-Mar-21	01-May-21	07-May-21	318			02_
O2_D3445a	ER Comment on the submitted ADR for Pump House (Clause 5.4.3.17.c, Specs Part A)	14	01-Apr-21	14-Apr-21	08-May-21	21-May-21	318			
O2_D3450a	Submit further information for the submitted ADR for Pump House to ER (Clause 5.4.3.19, Specs Part A)	7	15-Apr-21	21-Apr-21	22-May-21	28-May-21	318			
02_D3455a	ER Comment on the re-submitted ADR for Pump House (Clause 5.4.3.17.a, Specs Part A)	14	22-Apr-21	05-May-21	29-May-21	11-Jun-21	318			
O2_D3460a	ER Consented ADR for Pump House (Clause 5.4.3.17.a, Specs Part A)	0		05-May-21		11-Jun-21	318			\$
D2_D3465a	Submit Two Complete Sets ADR for Pump House to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	06-May-21	12-May-21	12-Jun-21	18-Jun-21	318			
O2_D3470a	Design Registered - ADR for Pump House	7	13-May-21	19-May-21	19-Jun-21	25-Jun-21	318			
1.7 - ANCILLIAR	Y FACILITIES - ARCHITECTURAL WORKS	224 168	14-Nov-20	21-May-21	14-Nov-20 A	25-Jun-21	212			
	CERTIFICATION		14-Nov-20	26-Mar-21	14-Nov-20 A	30-Apr-21	212			







	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float	Mar 20	Apr 21	202 ⁻ Ma
O2_D3925a	Submit further information for the re-submitted ADR for Anciliary Facilities to IC (Clause 5.4.3.9, Specs Part A)	112	14-Nov-20	05-Mar-21	14-Nov-20 A	09-Apr-21	212		O2_D3925a	
O2_D3930a	IC Certify ADR for Anciliary Facilities (Clause 5.4.3.9, Specs Part A)	14	06-Mar-21	19-Mar-21	10-Apr-21	23-Apr-21	212			_D3930a
O2_D3935a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	20-Mar-21	26-Mar-21	24-Apr-21	30-Apr-21	212			O2_D3935a
EMPLOYER's C		56	27-Mar-21	21-May-21	01-May-21	25-Jun-21	212			
O2_D3940a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	27-Mar-21	02-Apr-21	01-May-21	07-May-21	212		<u>L</u>	O2_D3940
O2_D3945a	ER Comment on the submitted ADR for Anciliary Facilities (Clause 5.4.3.17.c, Specs Part A)	14	03-Apr-21	16-Apr-21	08-May-21	21-May-21	212			
O2_D3950a	Submit further information for the submitted ADR for Anciliary Facilities to ER (Clause 5.4.3.19, Specs Part A)	7	17-Apr-21	23-Apr-21	22-May-21	28-May-21	212			
O2_D3955a	ER Comment on the re-submitted ADR for Anciliary Facilities (Clause 5.4.3.17.a, Specs Part A)	14	24-Apr-21	07-May-21	29-May-21	11-Jun-21	212		_	
O2_D3960a	ER Consented ADR for Anciliary Facilities (Clause 5.4.3.17.a, Specs Part A)	0		07-May-21	40.1.04	11-Jun-21	212			
O2_D3965a	Submit Two Complete Sets ADR for Anciliary Facilities to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	08-May-21	14-May-21	12-Jun-21	18-Jun-21	212			·····
O2_D3970a	Design Registered - ADR for Anciliary Facilities	7	15-May-21	21-May-21	19-Jun-21	25-Jun-21	212			
	NG DESIGN REPORT (INCL. IRRIGATION DESIGN) & DRAWING SUBMISSION	134	22-Jan-21	06-May-21	22-Jan-21 A	04-Jun-21	263			
	CERTIFICATION	49	22-Jan-21	11-Mar-21	22-Jan-21 A	09-Apr-21	263	00 54000		
02_D4230a	IC Certify Landscaping (Clause 5.4.3.9, Specs Part A)	42	22-Jan-21	04-Mar-21 11-Mar-21	22-Jan-21 A	12-Mar-21 A	262	02_D4230a		
2_D4235a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	05-Mar-21		13-Mar-21 A	09-Apr-21	263		02_D4235a	
MPLOYER'S CO		56	12-Mar-21	06-May-21	10-Apr-21	04-Jun-21	263			
02_D4240a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	12-Mar-21	18-Mar-21	10-Apr-21	16-Apr-21	263		O2_D4240a	
2_D4245a	ER Comment on the submitted Landscaping (Clause 5.4.3.17.c, Specs Part A) Submit further information for the submitted Landscaping to ER (Clause 5.4.3.19, Specs Part A)		19-Mar-21	01-Apr-21	17-Apr-21	30-Apr-21	263		+	O2_D4245a
2_D4250a 2_D4255a	ER Comment on the re-submitted Landscaping (Clause 5.4.3.17, a Specs Part A)	7	02-Apr-21 09-Apr-21	08-Apr-21 22-Apr-21	01-May-21 08-May-21	07-May-21 21-May-21	263 263			02_D4
2_D4250a 2 D4260a	ER Consented Landscaping (Clause 5.4.3.17.a, Specs Part A)	0	03-Api-21	22-Apr-21 22-Apr-21	00-iviay-2 i	21-May-21	263			
2_D4265a	Submit Two Complete Sets Landscaping to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	23-Apr-21	22-Apr-21 29-Apr-21	22-May-21	21-May-21 28-May-21	263		♦	
2 D4270a	Design Registered - Landscaping	7	30-Apr-21	06-May-21	22-May-21	04-Jun-21	263			
-	TRUCTURE DESIGN REPORT, CALCULATIONS, SPECIFICATIONS & DRAWING SUBMISSION	460	02-Apr-20	31-May-21	02-Apr-20 A	04-Jul-21 05-Jul-21	203			
	TRACING DESIGN REPORT, CALCULATIONS, SPECIFICATIONS & DRAWING SUBMISSION	400	12-Feb-21	22-Feb-21	12-Feb-21 A	22-Feb-21 A	307			
	& CERTIFICATION	5	12-Feb-21	16-Feb-21	12-Feb-21 A	16-Feb-21 A				
			12-Feb-21 12-Feb-21	16-Feb-21 16-Feb-21	12-Feb-21 A 12-Feb-21 A	16-Feb-21 A				
02_D5140a MPLOYER's C	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	5	12-Feb-21 17-Feb-21	22-Feb-21	12-Feb-21 A	16-Feb-21 A 22-Feb-21 A]	
02_D5150a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	1	17-Feb-21 18-Feb-21	17-Feb-21 18-Feb-21	17-Feb-21 A 18-Feb-21 A	17-Feb-21 A 18-Feb-21 A				
2_D5155a	ER Comment on the submitted Reception Building - Footing (Clause 5.4.3.17.c, Specs Part A)	1	10-Feb-21	18-Feb-21	IO-FED-21A	18-Feb-21 A		a		
2_D5160a	ER Consented Reception Building - Footing (Clause 5.4.3.17.a, Specs Part A)	4	19-Feb-21	22-Feb-21	19-Feb-21 A	22-Feb-21 A				
2_D5165a	Submit Two Complete Sets Reception Building - Footing to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	4	22-Feb-21	22-Feb-21 22-Feb-21	22-Feb-21 A	22-Feb-21 A)5165a)5270a		
2_D5270a	Design Registered - Reception Building - Footing	144	09-Dec-20	22-Feb-21 24-Mar-21	09-Dec-20 A	01-May-21	12	15270a	1	
	ON BUILDING - SUPERSTRUCTURE		09-Dec-20	16-Mar-21		-	12			
	& CERTIFICATION	136			09-Dec-20 A	23-Apr-21	12		00 04505-	
02_D4525a	Submit further information for the re-submitted Reception Building - Supertructure to IC (Clause 5.4.3.9, SpecsPart A) *	97	09-Dec-20	15-Mar-21	09-Dec-20 A	09-Apr-21	12		02_D4525a	D4520c
)2_D4530a)2_D4535a	IC Certify Reception Building - Supertructure (Clause 5.4.3.9, Specs Part A) * Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	29 1	16-Feb-21 16-Mar-21	16-Mar-21 16-Mar-21	16-Feb-21 A 23-Apr-21	23-Apr-21 23-Apr-21	12			_D4530a D4535a
-		9	16-Mar-21	24-Mar-21	23-Apr-21 23-Apr-21	01-May-21	12	٥	- 02	_D4000d
MPLOYER's C 02 D4540a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	1	16-Mar-21	24-Iviar-21 16-Mar-21	23-Apr-21 23-Apr-21	23-Apr-21	12		I ~	D4540a
02_D4540a 02_D4545a	ER Comment on the submitted Reception Building - Supertructure (Clause 5.4.3.17.c, Specs Part A)	7	10-Iviar-21 17-Mar-21	23-Mar-21	23-Apr-21 24-Apr-21	23-Apr-21 30-Apr-21	12	а	• 02	O2 D4545a
02_D4545a 02_D4560	ER Continent on the submitted Reception Building - Supertructure (Clause 5.4.3. 17.c, Specs Part A) ER Consented Reception Building - Supertructure (Clause 5.4.3.17.a, Specs Part A)	0	ir -iviai -∠ i	23-Mar-21 23-Mar-21	2	30-Apr-21 30-Apr-21	12			 O2_D4545a 30-Apr-21
2_D4560 2 D4565a	Submit Two Complete Sets Reception Bidg - Supertructure to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	1	23-Mar-21	23-Mar-21 23-Mar-21	30-Apr-21	30-Apr-21 30-Apr-21	12	\$		 30-Apr-21 O2 D4565a
2_D4505a 02_D4570a	Design Registered - Reception Building - Supertructure	1	23-Iviar-21 24-Mar-21	23-Iviar-21 24-Mar-21	01-May-21	01-May-21	12	0		O2_D4565a
	ATION BUILDING - FOUNDATION	19	24-IVial -21 19-Mar-21	24-Iviar-21 21-Mar-21	24-Feb-21 A	01-Mar-21 A	12	0		- UZ_D40/08
	& CERTIFICATION	19	19-Mar-21	21-Mar-21 19-Mar-21	24-Feb-21 A	26-Feb-21 A				
2_D2630	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	1	19-Mar-21	19-Mar-21	24-Feb-21A 24-Feb-21A	26-Feb-21 A				
		19	19-Mar-21 20-Mar-21	19-Mar-21 21-Mar-21	24-Feb-21 A 27-Feb-21 A	26-Feb-21 A 03-Mar-21 A		O2_D2630		
APLOYER's C								00 00040		
2_D2640 2_D2642a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Granulation Building - Footing (Clause 5.4.3.17.c, Specs Part A)	1	20-Mar-21 21-Mar-21	20-Mar-21 21-Mar-21	27-Feb-21 A 02-Mar-21 A	01-Mar-21 A 02-Mar-21 A		02_D2640		
		0		21-Mar-21 21-Mar-21	UZ-IVICI-Z I A	02-Mar-21 A 02-Mar-21 A		02_D2642		
2_D2650	ER Consented Granulation on Building - Footing (Clause 5.4.3.17.a, Specs Part A) Submit Two Complete Sets Granulation Building - Footing to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	1	21-Mar-21	21-Mar-21 21-Mar-21	03-Mar-21 A	02-Mar-21 A 03-Mar-21 A		◆ 02-Mar-21		
2_D2660 2_D2670		1	21-Mar-21 21-Mar-21	21-Mar-21 21-Mar-21	03-Mar-21 A 03-Mar-21 A	03-Mar-21 A 03-Mar-21 A		02_D2660		
	Design Registered - Granulation Building - Footing ATION BUILDING - SUPERSTRUCTURE	185	31-Oct-20	21-iviar-21 25-Apr-21	31-Oct-20 A	03-May-21 A	2	02_D2670	1	
	& CERTIFICATION	168	31-Od-20 31-Od-20	25-Apr-21 08-Apr-21	31-Oct-20 A	16-Apr-21	2			
2_D4620a	IC Comment on the re-submitted Granulation Building - Superstructure (Clause 5.4.3.9, Specs Part A) *	141	31-0d-20 31-0d-20	20-Apr-21	31-Oct-20 A	30-Mar-21 A	2		02 D4620a	
2_D4620a 2_D4625a	Submit further information for the re-submitted Granulation Bildg - Superstructure (Gause 5.4.3.9, Specs Part A)	5	21-Mar-21	20-Iviar-21 25-Mar-21	31-Mar-21 A	02-Apr-21	2		O2_D4620a O2_D4625a	
2_D4625a 2_D4630a	Submit further information for the re-submitted Granulation Bidg - Superstructure to ic (Clause 5.4.5.9, Specs Part A) IC Certify Granulation Building - Superstructure (Clause 5.4.3.9, Specs Part A)	14	21-Mar-21 26-Mar-21	25-Iviar-21 08-Apr-21	03-Apr-21	16-Apr-21	2	–	02_04625a	
2_D4030a 2 D4635a	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	14	08-Apr-21	08-Apr-21	16-Apr-21	16-Apr-21	2		02_D4635a	
2_D40354 MPLOYER's C		17	09-Apr-21	25-Apr-21	17-Apr-21	03-May-21	2		B 02_04000a	
2 D4640a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	1	09-Apr-21	09-Apr-21	17-Apr-21	17-Apr-21	2			 a
)2_D4645a	ER Comment on the submitted Granulation Building - Superstructure (Clause 5.4.3.17, c, Specs Part A)	14	10-Apr-21	23-Apr-21	17-Apr-21 18-Apr-21	01-May-21	2		02_D4640	a O2 D4645a
2_D4645a 2_D4660a	ER Consented Granulation Building - Superstructure (Clause 5.4.3.17.a, Specs Part A) ER Consented Granulation Building - Superstructure (Clause 5.4.3.17.a, Specs Part A)	0	10.741-21	23-Apr-21 23-Apr-21	10-7pi=21	01-May-21 01-May-21	2			 02_04645a 01-May-21
)2_D4665a	Submit Two Complete Sets Granulation Bidg - Superstructure to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	2	24-Apr-21	25-Apr-21 25-Apr-21	02-May-21	03-May-21	2		♦	 O1-Iviay-21 O2 D4665a
)2_D4665a)2_D4670a	Design Registered - Granulation Building - Superstructure	1	24-Apr-21 25-Apr-21	25-Apr-21 25-Apr-21	02-Ivlay-21 03-May-21	03-May-21	2		•	©2_D4665a
		343	25-Apr-21 16-Jul-20	25-Apr-21 19-May-21	16-Jul-20 A	23-Jun-21	124			- U2_D4670a
		287	16-Jul-20	24-Mar-21	16-Jul-20A	23-Jun-21 28-Apr-21	124			
	& CERTIFICATION								00 00046-	
02_D3016a	Submit further information for the re-submitted Footbridge - Footing to IC (Clause 5.4.3.9, Specs Part A)	231 14	16-Jul-20	03-Mar-21	16-Jul-20A	07-Apr-21	124		O2_D3016a	2020
D2_D3020	IC Certify Footbridge - Footing (Clause 5.4.3.9, Specs Part A)	14	04-Mar-21	17-Mar-21	08-Apr-21	21-Apr-21	124 124		02_0	3020 O2_D3030
	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	7	18-Mar-21	24-Mar-21	22-Apr-21	28-Apr-21				



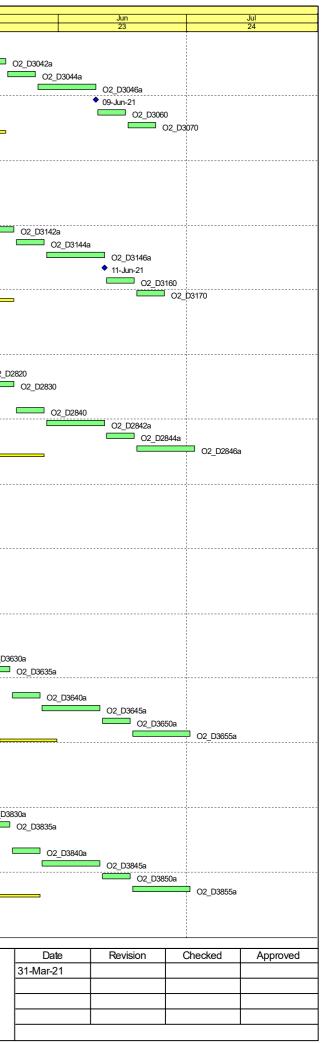


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02_D3945a	D3950a				
		O2_D3955a ♦ 11-Jun-21			
 		O2 D3	3965a		
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O2_D4255a 21-May-21					
02	D4265a	D 1070			
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Date		Revision	(Checked	Approved
31-Mar-21					

	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float	
MPLOYER's	CONSENT	56	25-Mar-21	19-May-21	29-Apr-21	23-Jun-21	124	
D2_D3040	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	25-Mar-21	31-Mar-21	29-Apr-21	05-May-21	124	
02_D3042a	ER Comment on the submitted Footbridge - Footing (Clause 5.4.3.17.c, Specs Part A)	14	01-Apr-21	14-Apr-21	06-May-21	19-May-21	124	
02_D3044a	Submit further information for the submitted Footbridge - Footing to ER (Clause 5.4.3.19, Specs Part A)	7	15-Apr-21	21-Apr-21	20-May-21	26-May-21	124	
2_D3046a	ER Comment on the re-submitted Footbridge - Footing (Clause 5.4.3.17.a, Specs Part A)	14	22-Apr-21	05-May-21	27-May-21	09-Jun-21	124	
 2_D3050	ER Consented Footbridge - Footing (Clause 5.4.3.17.a, Specs Part A)	0		05-May-21		09-Jun-21	124	
2_D3060	Submit Two Complete Sets Footbridge - Footing to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	06-May-21	12-May-21	10-Jun-21	16-Jun-21	124	
2 D3070	Design Registered - Footbridge - Footing	7	13-May-21	19-May-21	17-Jun-21	23-Jun-21	124	
-	RIDGE - SUPERSTRUCTURE	322	08-Aug-20	21-May-21	08-Aug-20 A	25-Jun-21	122	
	S & CERTIFICATION	266	08-Aug-20	26-Mar-21	08-Aug-20 A	30-Apr-21	122	
			~		-	-		
02_D3116a	Submit further information for the re-submitted Footbridge - Superstructure to IC (Clause 5.4.3.9, Specs Part A)	210	08-Aug-20	05-Mar-21	08-Aug-20 A	09-Apr-21	122	
02_D3120	IC Certify Footbridge - Superstructure (Clause 5.4.3.9, Specs Part A)	14	06-Mar-21	19-Mar-21	10-Apr-21	23-Apr-21	122	
2_D3130	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	7	20-Mar-21	26-Mar-21	24-Apr-21	30-Apr-21	122	
IPLOYER's		56	27-Mar-21	21-May-21	01-May-21	25-Jun-21	122	
2_D3140	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	27-Mar-21	02-Apr-21	01-May-21	07-May-21	122	
02_D3142a	ER Comment on the submitted Footbridge - Superstructure (Clause 5.4.3.17.c, Specs Part A)	14	03-Apr-21	16-Apr-21	08-May-21	21-May-21	122	
02_D3144a	Submit further information for the submitted Footbridge - Superstructure to ER (Clause 5.4.3.19, Specs Part A)	7	17-Apr-21	23-Apr-21	22-May-21	28-May-21	122	
2_D3146a	ER Comment on the re-submitted Footbridge - Superstructure (Clause 5.4.3.17.a, Specs Part A)	14	24-Apr-21	07-May-21	29-May-21	11-Jun-21	122	
2_D3150	ER Consented Footbridge - Superstructure (Clause 5.4.3.17.a, Specs Part A)	0		07-May-21		11-Jun-21	122	♦
2_D3160	Submit Two Complete Sets Footbridge - Superstructure to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	08-May-21	14-May-21	12-Jun-21	18-Jun-21	122	·]
2_D3170	Design Registered - Footbridge - Superstructure	7	15-May-21	21-May-21	19-Jun-21	25-Jun-21	122	
8 - PUMP HO	OUSE - SUPERSTRUCTURE	329	08-Aug-20	28-May-21	08-Aug-20 A	02-Jul-21	184	
	& CERTIFICATION	287	08-Aug-20	16-Apr-21	08-Aug-20 A	21-May-21	184	
2 D2812a	Submit further information for the submitted Pump House - Superstructure to IC (Clause 5.4.3.9, Specs Part A)	210	08-Aug-20	05-Mar-21	08-Aug-20 A	09-Apr-21	184	
2_D20120 2 D2814a	IC Comment on the re-submitted Pump House - Superstructure (Clause 5.4.3.9, Specs Part A)	14	06-Mar-21	19-Mar-21	10-Apr-21	23-Apr-21	184	
2_D2816a	Submit further information for the re-submitted Pump House - Superstructure to IC (Clause 5.4.3.9, Specs Part A)	7	20-Mar-21	26-Mar-21	24-Apr-21	30-Apr-21	184	
2_D2810a 2_D2820	IC Certify Pump House - Superstructure (Clause 5.4.3.9, Specs Part A)	14	20-Iviar-21 27-Mar-21	09-Apr-21	01-May-21	14-May-21	184	
2_D2820 2_D2830		7	27-Iviar-21 10-Apr-21				184	
	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)			16-Apr-21	15-May-21	21-May-21		
APLOYER's		42	17-Apr-21	28-May-21	22-May-21	02-Jul-21	184	
2_D2840	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	17-Apr-21	23-Apr-21	22-May-21	28-May-21	184	
02_D2842a	ER Comment on the submitted Pump House - Superstructure (Clause 5.4.3.17.c, Specs Part A)	14	24-Apr-21	07-May-21	29-May-21	11-Jun-21	184	
2_D2844a	Submit further information for the submitted Pump House - Superstructure to ER (Clause 5.4.3.19, Specs Part A)	7	08-May-21	14-May-21	12-Jun-21	18-Jun-21	184	
2_D2846a	ER Comment on the re-submitted Pump House - Superstructure (Clause 5.4.3.17.a, Specs Part A)	14	15-May-21	28-May-21	19-Jun-21	02-Jul-21	184	
10 - AD TAN	NKS & BOUNDARY WALL - SUPERSTRUCTURE	94	30-Dec-20	11-Mar-21	30-Dec-20 A	02-Apr-21	33	
CHECKING	& CERTIFICATION	64	30-Dec-20	03-Mar-21	30-Dec-20 A	26-Mar-21 A		
2_D2920	IC Certify AD Tanks & Boundary Wall - Superstructure (Clause 5.4.3.9, Specs Part A)	63	30-Dec-20	02-Mar-21	30-Dec-20 A	24-Mar-21 A		02_5220
2_D2930	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	1	03-Mar-21	03-Mar-21	25-Mar-21 A	26-Mar-21 A		□ 02_02930
/PLOYER's	CONSENT	31	03-Mar-21	11-Mar-21	27-Mar-21 A	02-Apr-21	33	
02_D2940	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	1	03-Mar-21	03-Mar-21	27-Mar-21 A	29-Mar-21 A		D2_D2940
	ER Comment on the submitted AD Tanks & Boundary Wall - Superstructure (Clause 5.4.3.17.c, Specs Part A)	7	04-Mar-21	10-Mar-21	30-Mar-21 A	01-Apr-21	33	02 D2942a
02_D2950	ER Consented AD Tanks & Boundary Wall - Superstructure (Clause 5.4.3.17.a, Specs Part A)	0		10-Mar-21		01-Apr-21	33	◆ 01-Apr-21
2 D2960	Submit Two Complete Sets ADT & BW - Superstructure to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	1	11-Mar-21	11-Mar-21	02-Apr-21	02-Apr-21	33	
2_D2970	Design Registered - AD Tanks & Boundary Wall - Superstructure	1	11-Mar-21	11-Mar-21	02-Apr-21	02-Apr-21	33	
-	NALKWAYS - SUPERSTRUCTURE	332	04-Aug-20	31-May-21	02-Apr-21 04-Aug-20 A	01-Jul-21	361	
	S & CERTIFICATION						361	
		290	04-Aug-20	19-Apr-21	04-Aug-20 A	20-May-21		
2_D3615a	Submit further information for the submitted Tanks Walkways - Superstructure to IC (Clause 5.4.3.9, Specs Part A)	217	04-Aug-20	08-Mar-21	04-Aug-20 A	08-Apr-21	361	
2_D3620a	IC Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.9, Specs Part A)	14	09-Mar-21	22-Mar-21	09-Apr-21	22-Apr-21	361	
2_D3625a	Submit further information for the re-submitted Tanks Walkways - Superstructure to IC (Clause 5.4.3.9, Specs Part A)	7	23-Mar-21	29-Mar-21	23-Apr-21	29-Apr-21	361	
2_D3630a	IC Certify Tanks Walkways - Superstructure (Clause 5.4.3.9, Specs Part A)	14	30-Mar-21	12-Apr-21	30-Apr-21	13-May-21	361	
2_D3635a	Obtain Design Check Certificate & Method of Construction Check Certificate (5.4.3.11 & 5.4.3.12, Specs Part A)	7	13-Apr-21	19-Apr-21	14-May-21	20-May-21	361	A
IPLOYER's	CONSENT	42	20-Apr-21	31-May-21	21-May-21	01-Jul-21	361	
2_D3640a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	20-Apr-21	26-Apr-21	21-May-21	27-May-21	361	
2_D3040a	ER Comment on the submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.c, Specs Part A)	14	27-Apr-21	10-May-21	28-May-21	10-Jun-21	361	
	Submit further information for the submitted Tanks Wellsump. Superstructure to ED (Clause 5.4.2.10, Speen Dart A)	7	11-May-21	17-May-21	11-Jun-21	17-Jun-21	361	
2_D3645a	Submit further information for the submitted Tanks Walkways - Superstructure to ER (Clause 5.4.3.19, Specs Part A)	14	18-May-21	31-May-21	18-Jun-21	01-Jul-21	361	
2_D3645a 2_D3650a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A)	14		27-May-21	19-Jun-20 A	01-Jul-21	102	
2_D3645a 2_D3650a 2_D3655a		378	19-Jun-20			20-May-21	102	
2_D3645a 2_D3650a 2_D3655a 1 5 - DRAINA	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A)		19-Jun-20 19-Jun-20	15-Apr-21	19-Jun-20 A	ZU-IVICIY-Z I		
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION	378 336	19-Jun-20	15-Apr-21		-	102	O2 D3815a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) *	378 336 259	19-Jun-20 19-Jun-20	15-Apr-21 04-Mar-21	19-Jun-20 A	08-Apr-21	102	
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design (Clause 5.4.3.9, Specs Part A) *	378 336	19-Jun-20 19-Jun-20 05-Mar-21	15-Apr-21 04-Mar-21 18-Mar-21	19-Jun-20 A 09-Apr-21	08-Apr-21 22-Apr-21	102	O2_D3820a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3825a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) *	378 336 259 14 7	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21	19-Jun-20 A 09-Apr-21 23-Apr-21	08-Apr-21 22-Apr-21 29-Apr-21	102 102	O2_D3820a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3825a 2_D3830a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A)	378 336 259 14 7 14	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21 26-Mar-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21 08-Apr-21	19-Jun-20 A 09-Apr-21 23-Apr-21 30-Apr-21	08-Apr-21 22-Apr-21 29-Apr-21 13-May-21	102 102 102	O2_D3820a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3825a 2_D3830a 2_D3830a 2_D3835a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	378 336 259 14 7 14 14 7	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21 26-Mar-21 09-Apr-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21 08-Apr-21 15-Apr-21	19-Jun-20 A 09-Apr-21 23-Apr-21 30-Apr-21 14-May-21	08-Apr-21 22-Apr-21 29-Apr-21 13-May-21 20-May-21	102 102 102 102	O2_D3820a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3825a 2_D3830a 2_D3835a IPLOYER'S	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN S & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) CONSENT	378 336 259 14 7 14 7 14 7 42	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21 26-Mar-21 09-Apr-21 16-Apr-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21 08-Apr-21 15-Apr-21 27-May-21	19-Jun-20 A 09-Apr-21 23-Apr-21 30-Apr-21 14-May-21 21-May-21	08-Apr-21 22-Apr-21 29-Apr-21 13-May-21 20-May-21 01-Jul-21	102 102 102 102 102	O2_D3820a O2_D3820a O2_D3825a
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2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3825a 2_D3830a 2_D3835a IPLOYER'S 2_D3840a 2_D3845a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN S & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Drainage Works Design (Clause 5.4.3.17.c, Specs Part A)	378 336 259 14 7 14 7 42 7 14	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21 26-Mar-21 09-Apr-21 16-Apr-21 16-Apr-21 23-Apr-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21 08-Apr-21 15-Apr-21 27-May-21 22-Apr-21 06-May-21	19-Jun-20 A 09-Apr-21 23-Apr-21 30-Apr-21 14-May-21 21-May-21 21-May-21 28-May-21	08-Apr-21 22-Apr-21 29-Apr-21 13-May-21 20-May-21 01-Jul-21 27-May-21 10-Jun-21	102 102 102 102 102 102 102	O2_D3820a O2_D3825a
2_D3645a 2_D3650a 2_D3655a 15 - DRAINA CHECKING 2_D3815a 2_D3820a 2_D3820a 2_D3830a 2_D3830a 2_D3835a IPLOYER'S 2_D3840a 2_D3845a 2_D3850a	ER Comment on the re-submitted Tanks Walkways - Superstructure (Clause 5.4.3.17.a, Specs Part A) AGE WORKS DESIGN S & CERTIFICATION Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Geotechnical Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * Submit further information for the submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) * IC Comment on the re-submitted Drainage Works Design to IC (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) IC Certify Drainage Works Design (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Drainage Works Design (Clause 5.4.3.17.c, Specs Part A) ER Comment on the submitted Drainage Works Design to ER (Clause 5.4.3.19, Specs Part A) Submit further information for the submitted Drainage Works Design to ER (Clause 5.4.3.19, Specs Part A)	378 336 259 14 7 14 7 14 7 14 7 14 7 14 7 14 7 14 7 14 7 14 7 14 7	19-Jun-20 19-Jun-20 05-Mar-21 19-Mar-21 26-Mar-21 09-Apr-21 16-Apr-21 16-Apr-21 23-Apr-21 07-May-21	15-Apr-21 04-Mar-21 18-Mar-21 25-Mar-21 08-Apr-21 15-Apr-21 27-May-21 22-Apr-21 06-May-21 13-May-21	19-Jun-20 A 09-Apr-21 23-Apr-21 30-Apr-21 14-May-21 21-May-21 21-May-21 28-May-21 11-Jun-21	08-Apr-21 22-Apr-21 29-Apr-21 13-May-21 20-May-21 01-Jul-21 27-May-21 10-Jun-21 17-Jun-21	102 102 102 102 102 102 102 102 102	
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Remaining Wold, Remaining Wold, (2016d) Actual Wold, Level of Effort Primary Baseline Beseline Milestone Start Milestone



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ty ID	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float		Apr	2021 May
								20	21	22
O2_D3720a	IC Comment on the re-submitted Sewerage Works Design (Clause 5.4.3.9, Specs Part A) *	14	09-Mar-21	22-Mar-21	13-Apr-21	26-Apr-21	98			O2_D3720a
O2_D3725a	Submit further information for the re-submitted Sewerage Works Design to IC (Clause 5.4.3.9, Specs Part A)	7	23-Mar-21	29-Mar-21	27-Apr-21	03-May-21	98			O2_D3725a
O2_D3730a	IC Certify Sewerage Works Design (Clause 5.4.3.9, Specs Part A)	14	30-Mar-21	12-Apr-21	04-May-21	17-May-21	98			02_
O2_D3735a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	13-Apr-21	19-Apr-21	18-May-21	24-May-21	98			
EMPLOYER's C	CONSENT	42	20-Apr-21	31-May-21	25-May-21	05-Jul-21	98			
O2_D3740a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	20-Apr-21	26-Apr-21	25-May-21	31-May-21	98		_	
O2_D3745a	ER Comment on the submitted Sewerage Works Design (Clause 5.4.3.17.c, Specs Part A)	14	27-Apr-21	10-May-21	01-Jun-21	14-Jun-21	98			
O2_D3750a	Submit further information for the submitted Sewerage Works Design to ER (Clause 5.4.3.19, Specs Part A)	7	11-May-21	17-May-21	15-Jun-21	21-Jun-21	98			
O2_D3755a	ER Comment on the re-submitted Sewerage Works Design (Clause 5.4.3.17.a, Specs Part A)	14	18-May-21	31-May-21	22-Jun-21	05-Jul-21	98			
C3.17 - WATERV	WORKS DESIGN	259	09-Oct-20	20-May-21	09-Oct-20 A	24-Jun-21	274			
IC CHECKING	& CERTIFICATION	203	09-Oct-20	25-Mar-21	09-Oct-20 A	29-Apr-21	274			
O2 D4025a	Submit further information for the re-submitted Water works Design to IC (Clause 5.4.3.9, Specs Part A)	147	09-Oct-20	04-Mar-21	09-Oct-20 A	08-Apr-21	274		O2 D4025a	
O2 D4030a	IC Certify Waterworks Design (Clause 5.4.3.9, Specs Part A)	14	05-Mar-21	18-Mar-21	09-Apr-21	22-Apr-21	274		-	O2_D4030a
O2_D4030a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	19-Mar-21	25-Mar-21	23-Apr-21	29-Apr-21	274			O2_D4030a
		56	26-Mar-21	20-May-21	30-Apr-21	23-Apr-21 24-Jun-21	274			Oz_D4035a
EMPLOYER's C				-		1				
O2_D4040a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	26-Mar-21	01-Apr-21	30-Apr-21	06-May-21	274		÷	O2_D4040a
O2_D4045a	ER Comment on the submitted Waterworks Design (Clause 5.4.3. 17. c, Specs Part A)	14	02-Apr-21	15-Apr-21	07-May-21	20-May-21	274			
O2_D4050a	Submit further information for the submitted Waterworks Design to IR (Clause 5.4.3. 19, Specs Part A)	7	16-Apr-21	22-Apr-21	21-May-21	27-May-21	274			_
O2_D4055a	ER Comment on the re-submitted Waterworks Design (Clause 5.4.3.17.a, Specs Part A)	14	23-Apr-21	06-May-21	28-May-21	10-Jun-21	274			
O2_D4060a	ER Consented Waterworks Design (Clause 5.4.3.17.a, Specs Part A)	0		06-May-21		10-Jun-21	274			♦
O2_D4065a	Submit Two Complete Sets Waterworks Design to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	07-May-21	13-May-21	11-Jun-21	17-Jun-21	274			
O2_D4070a	Design Registered - Waterworks Design	7	14-May-21	20-May-21	18-Jun-21	24-Jun-21	274]		
C3.18 - DESIGN	N FOR ROADWORKS AND STREET FURNITURES	220	18-Nov-20	25-May-21	18-Nov-20 A	25-Jun-21	331			
IC CHECKING	& CERTIFICATION	164	18-Nov-20	30-Mar-21	18-Nov-20 A	30-Apr-21	331			
O2 D4125a	Submit further information for the re-submitted Roadworks and Street Furnitures to IC (Clause 5.4.3.9, Specs Part A)	112	18-Nov-20	09-Mar-21	18-Nov-20 A	09-Apr-21	331		O2 D4125a	
O2 D4130a	IC Certify Roadworks and Street Furnitures (Clause 5.4.3.9, Specs Part A)	14	10-Mar-21	23-Mar-21	10-Apr-21	23-Apr-21	331			O2 D4130a
O2 D4135a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	24-Mar-21	30-Mar-21	24-Apr-21	30-Apr-21	331			02_D4130a 02_D4135a
_		56	31-Mar-21	25-May-21	01-May-21	25-Jun-21	331			Oz_D4135a
EMPLOYER's C				-						
O2_D4140a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	31-Mar-21	06-Apr-21	01-May-21	07-May-21	331		<u> </u>	O2_D4140a
O2_D4145a	ER Comment on the submitted Roadworks and Street Furnitures (Clause 5.4.3.17.c, Specs Part A)	14	07-Apr-21	20-Apr-21	08-May-21	21-May-21	331			
O2_D4150a	Submit further information for the submitted Roadworks and Street Furnitures to ER (Clause 5.4.3.19, Specs Part A)	7	21-Apr-21	27-Apr-21	22-May-21	28-May-21	331			
O2_D4155a	ER Comment on the re-submitted Roadworks and Street Furnitures (Clause 5.4.3.17.a, Specs Part A)	14	28-Apr-21	11-May-21	29-May-21	11-Jun-21	331			
O2_D4160a	ER Consented Roadworks and Street Furnitures (Clause 5.4.3.17.a, Specs Part A)	0		11-May-21		11-Jun-21	331			♦
O2_D4165a	Submit Two Complete Sets Roadworks and Street Furnitures to IC, ER for Register Design (Clause 5.4.3.22, Specs Part A)	7	12-May-21	18-May-21	12-Jun-21	18-Jun-21	331			
O2_D4170a	Design Registered - Roadworks and Street Furnitures	7	19-May-21	25-May-21	19-Jun-21	25-Jun-21	331			
C3.19 - ANCILLI	IARY FACILITIES	457	02-Apr-20	31-May-21	02-Apr-20 A	02-Jul-21	355			
C3.19b - GUAR	RD HOUSE, WEIGHBRIDGE & MASTER METER ROOM - FOUNDATION & STRUCTURE	199	16-Dec-20	30-May-21	16-Dec-20 A	02-Jul-21	95			
	G & CERTIFICATION	157	16-Dec-20	18-Apr-21	16-Dec-20 A	21-May-21	95			
O2 D4815a	Submit further information for the submitted GH, WB & MMR to IC (Clause 5.4.3.9, Specs Part A)	82	16-Dec-20	07-Mar-21	16-Dec-20 A	09-Apr-21	95		O2 D4815a	
O2 D4820a	IC Comment on the re-submitted GH, WB & MMR (Clause 5.4.3.9, Specs Part A)	14	08-Mar-21	21-Mar-21	10-Apr-21	23-Apr-21	95			O2 D4820a
O2_D4625a	Submit further information for the re-submitted GH, WB & MMR to IC (Clause 5.4.3.9, Specs Part A)	7	22-Mar-21	28-Mar-21	24-Apr-21	30-Apr-21	95			O2_D4825a
_		14			•		95			02_D4625a
O2_D4830a	IC Certify GH, WB & MMR (Clause 5.4.3.9, Specs Part A)		29-Mar-21	11-Apr-21	01-May-21	14-May-21	95			02_D48
O2_D4835a	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	7	12-Apr-21	18-Apr-21	15-May-21	21-May-21	95			
EMPLOYER's	S CONSENT	42	19-Apr-21	30-May-21	22-May-21	02-Jul-21	95			
O2_D4840a	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	7	19-Apr-21	25-Apr-21	22-May-21	28-May-21	95			
O2_D4845a	ER Comment on the submitted GH, WB & MMR (Clause 5.4.3.17.c, Specs Part A)	14	26-Apr-21	09-May-21	29-May-21	11-Jun-21	95			
O2_D4850a	Submit further information for the submitted GH, WB & MMR to ER (Clause 5.4.3.19, Specs Part A)	7	10-May-21	16-May-21	12-Jun-21	18-Jun-21	95			
O2_D4855a	ER Comment on the re-submitted GH, WB & MMR (Clause 5.4.3.17.a, Specs Part A)	14	17-May-21	30-May-21	19-Jun-21	02-Jul-21	95			
C3.19c - PUMP	PROOM, DRAWPIT & DUCTING	456	02-Apr-20	31-May-21	02-Apr-20 A	01-Jul-21	154			
SUBMISSION		341	02-Apr-20	08-Mar-21	02-Apr-20 A	08-Apr-21	154			
O2 D4900a	Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) *	341	02-Apr-20	08-Mar-21	02-Apr-20 A	08-Apr-21	154		O2 D4900a	
	G & CERTIFICATION	63	09-Mar-21	10-May-21	09-Apr-21	10-Jun-21	154		02_010000	
	IC Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A)	14		-			154			02 040405
O2_D4910a			09-Mar-21	22-Mar-21	09-Apr-21	22-Apr-21				O2_D4910a
O2_D4915a	Submit further information for the submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A)	7	23-Mar-21	29-Mar-21	23-Apr-21	29-Apr-21	154			02_D4915a
0.0 0 4000		14	30-Mar-21	12-Apr-21	30-Apr-21	13-May-21	154	r		O2_D492
O2_D4920a	IC Comment on the re-submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A)	7	13-Apr-21	19-Apr-21	14-May-21	20-May-21	154			
 O2_D4925a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A)		-		A A A A		454		I _	
	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A)	14	20-Apr-21	03-May-21	21-May-21	03-Jun-21	154			
 O2_D4925a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A)		-	03-May-21 10-May-21	21-May-21 04-Jun-21	03-Jun-21 10-Jun-21	154		-	
O2_D4925a O2_D4930a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	14	20-Apr-21	-	-				-	
O2_D4925a O2_D4930a O2_D4935a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A)	14 7	20-Apr-21 04-May-21	10-May-21	04-Jun-21	10-Jun-21	154			
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT	14 7 21	20-Apr-21 04-May-21 11-May-21	10-May-21 31-May-21	04-Jun-21 11-Jun-21	10-Jun-21 01-Jul-21	154 154			
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) SCONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A)	14 7 21 7	20-Apr-21 04-May-21 11-May-21 11-May-21	10-May-21 31-May-21 17-May-21	04-Jun-21 11-Jun-21 11-Jun-21	10-Jun-21 01-Jul-21 17-Jun-21	154 154 154			
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4940a O2_D4945a C3.19d - ENTR	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) RANCE GATE, BOUNDARY FENCE & ENTRANCE PORTAL	14 7 21 7 14 456	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20	10-May-21 31-May-21 17-May-21 31-May-21 31-May-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20 A	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 01-Jul-21	154 154 154 154 154 356			
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4940a O2_D4945a C3.19d - ENTR SUBMISSION	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) SCONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) RANCE GATE, BOUNDARY FENCE & ENTRANCE PORTAL	14 7 21 7 14 456 341	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20	10-May-21 31-May-21 17-May-21 31-May-21 31-May-21 08-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20 A 02-Apr-20 A	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 01-Jul-21 08-Apr-21	154 154 154 154 356 356		01 2500-	
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTRA SUBMISSION O2_D5000a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) RANCE GATE, BOUNDARY FENCE & ENTRANCE PORTAL Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) *	14 7 21 7 14 456 341 341	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20	10-May-21 31-May-21 31-May-21 31-May-21 31-May-21 08-Mar-21 08-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20 A 02-Apr-20 A 02-Apr-20 A	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 01-Jul-21 08-Apr-21 08-Apr-21	154 154 154 154 356 356 356		O2_D5000a	
O2_D4925a O2_D4930a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTR SUBMISSION O2_D5000a IC CHECKING	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) RANCE GATE, BOUNDARY FENCE & ENTRANCE PORTAL Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) * S & CERTIFICATION	14 7 21 7 14 456 341 341 63	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20 09-Mar-21	10-May-21 31-May-21 31-May-21 31-May-21 31-May-21 08-Mar-21 08-Mar-21 10-May-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20 A 02-Apr-20 A 02-Apr-20 A	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 08-Apr-21 08-Apr-21 10-Jun-21	154 154 154 356 356 356 356		O2_D5000a	
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTR SUBMISSION O2_D5000a IC CHECKING O2_D5010a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) * S & CERTIFICATION IC Comment on the submitted EG, BF & EP (Clause 5.4.3.9, Specs Part A)	14 7 21 7 14 456 341 341 63 14	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20 09-Mar-21	10-May-21 31-May-21 17-May-21 31-May-21 31-May-21 08-Mar-21 08-Mar-21 10-May-21 22-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 18-Jun-21 02-Apr-20A 02-Apr-20A 02-Apr-20A 09-Apr-21	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 08-Apr-21 08-Apr-21 10-Jun-21 22-Apr-21	154 154 154 154 356 356 356 356 356		O2_D5000a	
O2_D4925a O2_D4930a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTRU SUBMISSION O2_D5000a IC CHECKING O2_D5010a O2_D5015a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) Extrance Gate, BOUNDARY FENCE & ENTRANCE PORTAL Image: Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) * S & CERTIFICATION IC Comment on the submitted EG, BF & EP (Clause 5.4.3.9, Specs Part A) Submit further information for the submitted EG, BF & EP to IC (Clause 5.4.3.9, Specs Part A)	14 7 21 7 14 456 341 341 63 14 7	20-Apr-21 04-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20 09-Mar-21 09-Mar-21 23-Mar-21	10-May-21 31-May-21 17-May-21 31-May-21 08-Mar-21 08-Mar-21 10-May-21 22-Mar-21 29-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20A 02-Apr-20A 09-Apr-21 09-Apr-21 23-Apr-21	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 08-Apr-21 08-Apr-21 10-Jun-21 22-Apr-21 29-Apr-21	154 154 154 154 356 356 356 356 356 356		O2_D5000a	O2_D5015a
O2_D4925a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTR SUBMISSION O2_D5000a IC CHECKING O2_D5010a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) * S & CERTIFICATION IC Comment on the submitted EG, BF & EP (Clause 5.4.3.9, Specs Part A)	14 7 21 7 14 456 341 341 63 14	20-Apr-21 04-May-21 11-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20 09-Mar-21	10-May-21 31-May-21 17-May-21 31-May-21 31-May-21 08-Mar-21 08-Mar-21 10-May-21 22-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 18-Jun-21 02-Apr-20A 02-Apr-20A 02-Apr-20A 09-Apr-21	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 08-Apr-21 08-Apr-21 10-Jun-21 22-Apr-21	154 154 154 356 356 356 356 356 356 356		O2_D5000a	O2_D5015a
O2_D4925a O2_D4930a O2_D4930a O2_D4935a EMPLOYER's O2_D4940a O2_D4945a C3.19d - ENTRU SUBMISSION O2_D5000a IC CHECKING O2_D5010a O2_D5015a	Submit further information for the re-submitted Pump Room, Drawpit & Ducting to IC (Clause 5.4.3.9, Specs Part A) IC Certify Pump Room, Drawpit & Ducting (Clause 5.4.3.9, Specs Part A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs Part A) S CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) ER Comment on the submitted Pump Room, Drawpit & Ducting (Clause 5.4.3.17, c, Specs Part A) Extrance Gate, BOUNDARY FENCE & ENTRANCE PORTAL Image: Entrance Gate, Boundary Fence & Entrance Portal (EG, BF & EP) (Clause 5.4.3.9, Specs Part A) * S & CERTIFICATION IC Comment on the submitted EG, BF & EP (Clause 5.4.3.9, Specs Part A) Submit further information for the submitted EG, BF & EP to IC (Clause 5.4.3.9, Specs Part A)	14 7 21 7 14 456 341 341 63 14 7	20-Apr-21 04-May-21 11-May-21 18-May-21 02-Apr-20 02-Apr-20 02-Apr-20 09-Mar-21 09-Mar-21 23-Mar-21	10-May-21 31-May-21 17-May-21 31-May-21 08-Mar-21 08-Mar-21 10-May-21 22-Mar-21 29-Mar-21	04-Jun-21 11-Jun-21 11-Jun-21 18-Jun-21 02-Apr-20A 02-Apr-20A 09-Apr-21 09-Apr-21 23-Apr-21	10-Jun-21 01-Jul-21 17-Jun-21 01-Jul-21 08-Apr-21 08-Apr-21 10-Jun-21 22-Apr-21 29-Apr-21	154 154 154 154 356 356 356 356 356 356		O2_D5000a	





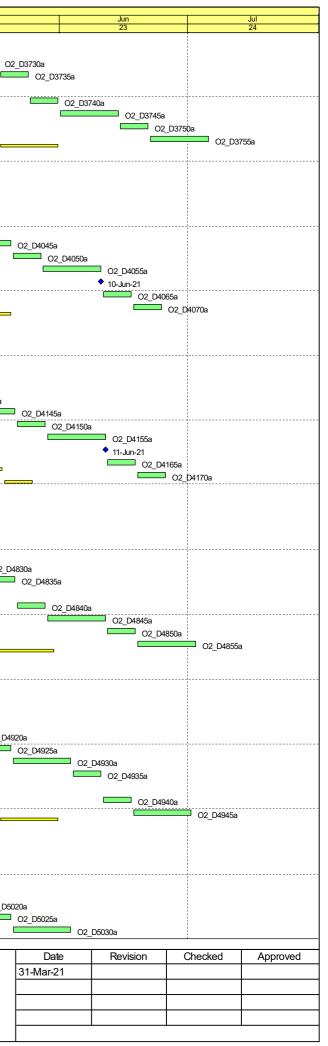
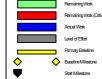
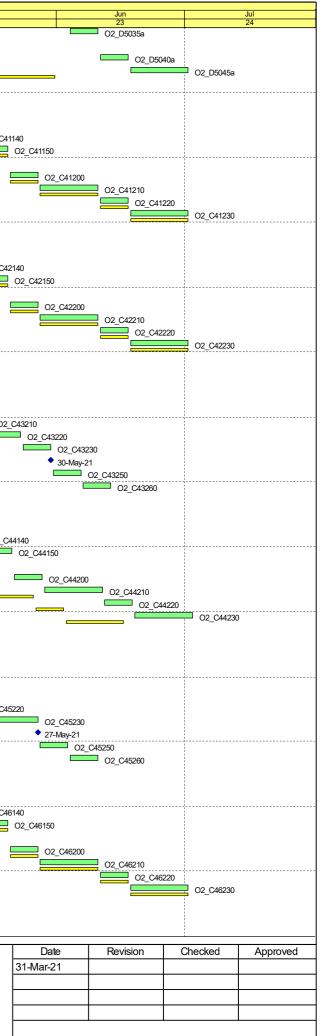


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C43230 ER Commer C43240 ER Consent C43250 Submit Two C43260 Design Regi BS- PLUMBING & DRA HECKING & CERTIFICA C44130 Submit furth C44130 IC Certify Plt C44150 Obtain Desig C44200 Submit Desig C44200 Submit furth C4420 Submit furth C4420 ER Commer C44230 ER Commer AUTOMATIC IRRIGATIC IRRIGATIC	her information for the submitted Fire Services to ER (Clause 5.4.3.19, Specs A)	7	29-Mar-21	04-Apr-21	17-May-21	23-May-21	28		1	
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CHECKING & CERTIFICA _C44130 Submit furth _C44140 IC Certify Pk _C44150 Obtain Desig C44120 Submit furth _C44200 Submit Desig _C44200 Submit Desig _C44200 Submit Desig _C44200 Submit Desig _C44200 ER Commer _C44200 Submit furth _C44200 ER Commer _C44230 ER Commer	gistered - Fire Services	7	19-Apr-21	25-Apr-21	07-Jun-21	13-Jun-21	139	1		
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_C44140 IC Certify Plic _C44150 Obtain Design _C44200 Submit Design _C44200 Submit Design _C44210 ER Commer _C44220 Submit further _C44230 ER Commer _C44230 ER Commer _AUTOMATIC IRRIGATION IRICATION	her information for the re-submitted Plumbing & Drainage to IC (Clause 5.4.3.9, Specs A)	268	21-Jul-20	14-Apr-21	21-Jul-20A	30-Apr-21	91			O2 C44130
C44150 Obtain Desig PLOYER'S CONSENT C44200 Submit Desig C44210 ER Commer C44220 Submit furthe C44230 ER Commer C44230 ER Commer	Plumbing & Drainage (Clause 5.4.3.9, Specs A)	14	15-Apr-21	28-Apr-21	01-May-21	14-May-21	91			<u> </u>
PLOYER'S CONSENT _C44200 Submit Desig _C44210 ER Commer _C44220 Submit further _C44230 ER Commer _C44230 ER Commer _AUTOMATIC IRRIGATION CANTAGE	sign Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	29-Apr-21	05-May-21	15-May-21	21-May-21	91			
_C44200 Submit Designed _C44210 ER Commer _C44220 Submit furth _C44230 ER Commer -AUTOMATIC IRRIGATION				-	-	-				
C44210 ER Commer C44220 Submit furth C44230 ER Commer -AUTOMATIC IRRIGATIO		42	06-May-21	16-Jun-21	22-May-21	02-Jul-21	91	1 1 1	1	
C44220 Submit furth C44230 ER Commer -AUTOMATIC IRRIGATIO	sign Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	7	06-May-21	12-May-21	22-May-21	28-May-21	91			
C44230 ER Commer	ent on the submitted Plumbing & Drainage (Clause 5.4.3.17.c, Specs A)	14	13-May-21	26-May-21	29-May-21	11-Jun-21	91		1	
-AUTOMATIC IRRIGATIO	her information for the submitted Plumbing & Drainage to ER (Clause 5.4.3.19, Specs A)	7	27-May-21	02-Jun-21	12-Jun-21	18-Jun-21	91	1	1	
-AUTOMATIC IRRIGATIO	ent on the re-submitted Plumbing & Drainage (Clause 5.4.3.17.a, Specs A)	14	03-Jun-21	16-Jun-21	19-Jun-21	02-Jul-21	91			
		146	16-Jan-21	02-May-21	16-Jan-21 A	10-Jun-21	425		1	
		51	16-Jan-21	07-Mar-21	16-Jan-21 A	15-Apr-21	425			
	sign Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)					-			00.0151	50
-		51	16-Jan-21	07-Mar-21	16-Jan-21 A	15-Apr-21	425		O2_C4515	N .
PLOYER'S CONSENT		56	08-Mar-21	02-May-21	16-Apr-21	10-Jun-21	425	ll		
C45200 Submit Desig	sign Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	7	08-Mar-21	14-Mar-21	16-Apr-21	22-Apr-21	425		с с	D2_C45200
C45210 ER Commer	ent on the submitted Automatic Irrigation System (Clause 5.4.3.17.c, Specs A)	14	15-Mar-21	28-Mar-21	23-Apr-21	06-May-21	425		—	02_
C45220 Submit furthe	her information for the submitted Automatic Irrigation System to ER (Clause 5.4.3.19, Specs A)	7	29-Mar-21	04-Apr-21	07-May-21	13-May-21	425		<u> </u>	
	ent on the re-submitted Automatic Irrigation System (Clause 5.4.3.17.a, Specs A)	14	05-Apr-21	18-Apr-21	14-May-21	27-May-21	425			
	nted Automatic Irrigation System (Clause 5.4.3.17.a, Specs A)	0		18-Apr-21		27-May-21	425			
	o Complete Sets Automatic Irrigation System to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	19-Apr-21	25-Apr-21	28-May-21	03-Jun-21	425		↔	
		7					425			1
			26-Apr-21	02-May-21	04-Jun-21	10-Jun-21			1	
•	CCTV, PA, BMS, SECURITY, ETC.)	167	16-Jan-21	01-Jul-21	16-Jan-21 A	01-Jul-21	92			
HECKING & CERTIFICA		125	16-Jan-21	20-May-21	16-Jan-21 A	20-May-21	92			
C46130 Submit furthe	her information for the re-submitted ELV to IC (Clause 5.4.3.9, Specs A)	104	16-Jan-21	29-Apr-21	16-Jan-21 A	29-Apr-21	92			O2_C46130
C46140 IC Certify EL	ELV (Clause 5.4.3.9, Specs A)	14	30-Apr-21	13-May-21	30-Apr-21	13-May-21	92			
	sign Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	14-May-21	20-May-21	14-May-21	20-May-21	92	1 1		
LOYER'S CONSENT		42	21-May-21	01-Jul-21	21-May-21	01-Jul-21	92	1		
								1		
· · · · · · · · · · · · · · · · · · ·	nigh Charle Costificate & Mathad of Construction Charle Costificate to ED (Clause 5.4.0.40, Cost 4.)	7	21-May-21	27-May-21	21-May-21	27-May-21	92	1		
	sign Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	14	28-May-21	10-Jun-21	28-May-21	10-Jun-21	92	lI		
_C46220 Submit furthe	ent on the submitted ELV (Clause 5.4.3.17.c, SpecsA)	7	11-Jun-21	17-Jun-21	11-Jun-21	17-Jun-21	92	1		
C46230 ER Commer		14	18-Jun-21	01-Jul-21	18-Jun-21	01-Jul-21	92		1	
- SURPLUS ENERGY EX	ent on the submitted ELV (Clause 5.4.3.17.c, SpecsA)		01-Apr-20	08-Jun-21	01-Apr-20 A	29-Jun-21	73			
MISSION	ent on the submitted ELV (Clause 5.4.3.17.c, Specs A) her information for the submitted ELV to ER (Clause 5.4.3.19, Specs A) ent on the re-submitted ELV (Clause 5.4.3.17.a, Specs A)	455	01-Apr-20	30-Mar-21	01-Apr-20 A				4	
C47000 Surplus Ener	ent on the submitted ELV (Clause 5.4.3.17.c, Specs A) her information for the submitted ELV to ER (Clause 5.4.3.19, Specs A) ent on the re-submitted ELV (Clause 5.4.3.17.a, Specs A)	455 364				20-Apr-21	73		1	



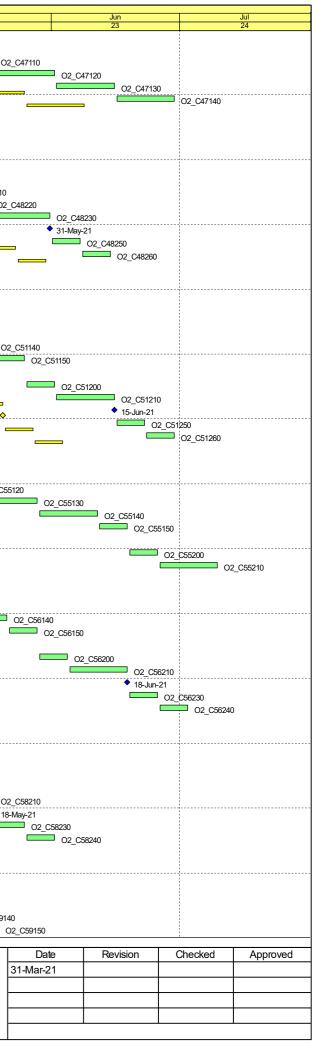




ctivity ID	Activity Name	Original	Baseline Start	Baseline Finish	Start	Finish	Total			2021
		Original Duration	Date	Date	Sian	Finish	Float	Mar	Apr	May
IC CHECKING &	CERTIFICATION	382	13-Jun-20	08-Jun-21	13-Jun-20 A	29-Jun-21	73	20	21	22
O2 C47100	IC Comment on the submitted Surplus Energy Export System (Clause 5.4.3.9, Specs A)	305	13-Jun-20	13-Apr-21	13-Jun-20 A	04-May-21	73			O2 C47100
O2 C47110	Submit further information for the submitted Surplus Energy Export System to IC (Clause 5.4.3.9, Specs A)	14	14-Apr-21	27-Apr-21	05-May-21	18-May-21	73			02_01/100
O2_C47120	IC Comment on the re-submitted Surplus Energy Export System (Clause 5.4.3.9, Specs A)	14	28-Apr-21	11-May-21	19-May-21	01-Jun-21	73			
 O2 C47130	Submit further information for the re-submitted Surplus Energy Export System to IC (Clause 5.4.3.9, Specs A)	14	12-May-21	25-May-21	02-Jun-21	15-Jun-21	73			
O2 C47140	IC Certify Surplus Energy Export System (Clause 5.4.3.9, Specs A)	14	26-May-21	08-Jun-21	16-Jun-21	29-Jun-21	73	tt		h
C4.8 - LIFT		125	10-Feb-21	30-May-21	10-Feb-21 A	14-Jun-21	68			
	CERTIFICATION	69	10-Feb-21	04-Apr-21	10-Feb-21 A	19-Apr-21	68			
O2 C48140	IC Certify Lift (Clause 5.4.3.9, Specs A)	47	10-Feb-21	28-Mar-21	10-Feb-21 A	12-Apr-21	68		O2 C48140	
 O2 C48150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	29-Mar-21	04-Apr-21	13-Apr-21	19-Apr-21	68		O2_	C48150
EMPLOYER's C	ONSENT	56	05-Apr-21	30-May-21	20-Apr-21	14-Jun-21	68			
O2 C48200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	7	05-Apr-21	11-Apr-21	20-Apr-21	26-Apr-21	68		—	O2 C48200
O2_C48210	ER Comment on the submitted Lift (Clause 5.4.3.17.c, Specs A)	14	12-Apr-21	25-Apr-21	27-Apr-21	10-May-21	68			O2 C48210
O2_C48220	Submit further information for the submitted Lift to ER (Clause 5.4.3.19, Specs A)	7	26-Apr-21	02-May-21	11-May-21	17-May-21	68			02
O2_C48230	ER Comment on the re-submitted Lift (Clause 5.4.3.17.a, Specs A)	14	03-May-21	16-May-21	18-May-21	31-May-21	68			
O2_C48240	ER Consented Lift (Clause 5.4.3.17.a, Specs A)	0		16-May-21		31-May-21	68			<u> </u>
O2_C48250	Submit Two Complete Sets Lift to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	17-May-21	23-May-21	01-Jun-21	07-Jun-21	68			*
O2_C48260	Design Registered - Lift	7	24-May-21	30-May-21	08-Jun-21	14-Jun-21	68			·
C5 - E&M PROCES	SS	482	02-Apr-20	03-Jul-21	02-Apr-20 A	27-Jul-21	711			
C5.1 - WASTE AR	RIVAL AND EXIT (WEIGHBRIDGE, TRUCK WASHING, TRAFFIC CONTROL)	344	21-Jul-20	03-Jun-21	21-Jul-20 A	29-Jun-21	62			
IC CHECKING &	CERTIFICATION	309	21-Jul-20	29-Apr-21	21-Jul-20A	25-May-21	62			
O2 C51110	Submit further information for the submitted Waste Arrival and Exit to IC (Clause 5.4.3.9, Specs A)	241	21-Jul-20	18-Mar-21	21-Jul-20A	13-Apr-21	62		O2 C51110	
O2_C51120	IC Comment on the re-submitted Waste Arrival and Exit (Clause 5.4.3.9, Specs A)	14	19-Mar-21	01-Apr-21	14-Apr-21	27-Apr-21	62			O2 C51120
O2_C51130	Submit further information for the re-submitted Waste Arrival and Exit to IC (Clause 5.4.3.9, Specs A)	7	02-Apr-21	08-Apr-21	28-Apr-21	04-May-21	62		7	O2 C51130
O2_C51140	IC Certify Waste Arrival and Exit (Clause 5.4.3.9, Specs A)	14	09-Apr-21	22-Apr-21	05-May-21	18-May-21	62			02_001100 02
O2 C51150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	23-Apr-21	29-Apr-21	19-May-21	25-May-21	62			
EMPLOYER's C		35	30-Apr-21	03-Jun-21	26-May-21	29-Jun-21	62			
O2 C51200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	7	30-Apr-21	06-May-21	26-May-21	01-Jun-21	62			
O2_C51210	ER Comment on the submitted Waste Arrival and Exit (Clause 5.4.3.17.c, Specs A)	14	07-May-21	20-May-21	02-Jun-21	15-Jun-21	62			
O2_C51240	ER Consented Waste Arrival and Exit (Clause 5.4.3.17.a, Specs A)	0	01 may 21	20-May-21	02 0411 21	15-Jun-21	62			
O2 C51250	Submit Two Complete Sets Waste Arrival and Exit to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	21-May-21	27-May-21	16-Jun-21	22-Jun-21	62			Ŷ
O2 C51260	Design Registered - Waste Arrival and Exit	7	28-May-21	03-Jun-21	23-Jun-21	29-Jun-21	62			=
	LEANING & STORAGE SYSTEMAND EMERGENCY FLARE	464	02-Apr-20	17-May-21	02-Apr-20 A	09-Jul-21	47			
		443	02-Apr-20	26-Apr-21	02-Apr-20 A	18-Jun-21	47			
O2 C55110	Submit further information for the submitted Biogas System & Flare to IC (Clause 5.4.3.9, Specs A)	341	02-Apr-20	08-Mar-21	02-Apr-20 A	30-Apr-21	47			O2 C55110
O2_C55120	IC Comment on the re-submitted Biogas System & Flare (Clause 5.4.3.9, Specs A)	14	02-Apr-20 09-Mar-21	22-Mar-21	02-Apr-20 A 01-May-21	14-May-21	47			02_035110
O2_C55130	Submit further information for the re-submitted Biogas System & Flare to IC (Clause 5.4.3.9, Specs A)	14	23-Mar-21	05-Apr-21	15-May-21	28-May-21	47			0z_c33
O2_C55140	IC Certify Biogas System & Flare (Clause 5.4.3.9, Specs A)	14	06-Apr-21	19-Apr-21	29-May-21	11-Jun-21	47		+	
O2_C55150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	20-Apr-21	26-Apr-21	12-Jun-21	18-Jun-21	47			
EMPLOYER's C		21	20-Apr-21	17-May-21	19-Jun-21	09-Jul-21	47		_	-
O2 C55200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	7	27-Apr-21	03-May-21	19-Jun-21	25-Jun-21	47			
O2_035200 O2_055210	ER Comment on the submitted Biogas System & Flare (Clause 5.4.3.17.c, SpecsA)	14	04-May-21	17-May-21	26-Jun-21	09-Jul-21	47			
C5.6.2, 3 & 4 - CH		329	04-10ay-21 08-Aug-20	06-May-21	08-Aug-20 A	03-Jul-21	47			
· · · · · · · · · · · · · · · · · · ·			-				17			
		294	08-Aug-20	01-Apr-21	08-Aug-20 A	28-May-21	17			
O2_C56130	Submit further information for the re-submitted CHP to IC (Clause 5.4.3.9, Specs A)	216	08-Aug-20	11-Mar-21	08-Aug-20 A	07-May-21	17			O2_C56130
O2_C56140	IC Certify CHP (Clause 5.4.3.9, Specs A)	14	12-Mar-21	25-Mar-21	08-May-21	21-May-21	17			
O2_C56150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	26-Mar-21	01-Apr-21	22-May-21	28-May-21	17		+	L
EMPLOYER's C		35	02-Apr-21	06-May-21	29-May-21	02-Jul-21	1/			
O2_C56200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	7	02-Apr-21	08-Apr-21	29-May-21	04-Jun-21	17			
O2_C56210	ER Comment on the submitted CHP (Clause 5.4.3.17.c, Specs A)	14	09-Apr-21	22-Apr-21	05-Jun-21	18-Jun-21	17			
O2_C56220	ER Consented CHP (Clause 5.4.3.17.a, Specs A)	0		22-Apr-21		18-Jun-21	17		♦	
O2_C56230	Submit Two Complete Sets CHP to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	23-Apr-21	29-Apr-21	19-Jun-21	25-Jun-21	17		_	
O2_C56240	Design Registered - CHP	7	30-Apr-21	06-May-21	26-Jun-21	02-Jul-21	17			
C5.8 - WASTEWA	ITER TREATMENT PLANT	229	16-Oct-20	21-Apr-21	16-Oct-20 A	01-Jun-21	46			
IC CHECKING &	CERTIFICATION	194	16-Oct-20	17-Mar-21	16-Oct-20 A	27-Apr-21	46			
O2_C58140	IC Certify Wastewater Treatment Plant (Clause 5.4.3.9, Specs A)	146	16-Oct-20	10-Mar-21	16-Oct-20 A	20-Apr-21	46			_C58140
O2_C58150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	11-Mar-21	17-Mar-21	21-Apr-21	27-Apr-21	46			O2_C58150
EMPLOYER's C	ONSENT	35	18-Mar-21	21-Apr-21	28-Apr-21	01-Jun-21	46			
O2_C58200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	7	18-Mar-21	24-Mar-21	28-Apr-21	04-May-21	46			O2_C58200
O2_C58210	ER Comment on the submitted Wastewater Treatment Plant (Clause 5.4.3.17.c, Specs A)	14	25-Mar-21	07-Apr-21	05-May-21	18-May-21	46			02_
O2_C58220	ER Consented Wastewater Treatment Plant (Clause 5.4.3.17.a, Specs A)	0		07-Apr-21		18-May-21	46		\$	18-1
O2_C58230	Submit Two Complete Sets Wastewater Treatment Plant to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	08-Apr-21	14-Apr-21	19-May-21	25-May-21	46			
O2_C58240	Design Registered - Wastewater Treatment Plant	7	15-Apr-21	21-Apr-21	26-May-21	01-Jun-21	46			
C5.9 - CENTRALI	ISED AIR POLLUTION CONTROL SYSTEM	175	31-Dec-20	16-Jun-21	31-Dec-20 A	23-Jun-21	79			
IC CHECKING &	CERTIFICATION	140	31-Dec-20	12-May-21	31-Dec-20 A	19-May-21	9			
O2_C59110	Submit further information for the submitted CAPC System to IC (Clause 5.4.3.9, Specs A)	91	31-Dec-20	31-Mar-21	31-Dec-20 A	07-Apr-21	9		O2_C59110	
 O2_C59120	IC Comment on the re-submitted CAPC System (Clause 5.4.3.9, Specs A)	14	01-Apr-21	14-Apr-21	08-Apr-21	21-Apr-21	9			2_C59120
 O2_C59130	Submit further information for the re-submitted CAPC System to IC (Clause 5.4.3.9, Specs A)	7	15-Apr-21	21-Apr-21	22-Apr-21	28-Apr-21	9			O2_C59130
 O2_C59140	IC Certify CAPC System (Clause 5.4.3.9, Specs A)	14	22-Apr-21	05-May-21	29-Apr-21	12-May-21	9			O2_C59140
 O2_C59150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	06-May-21	12-May-21	13-May-21	19-May-21	9			
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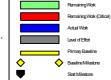


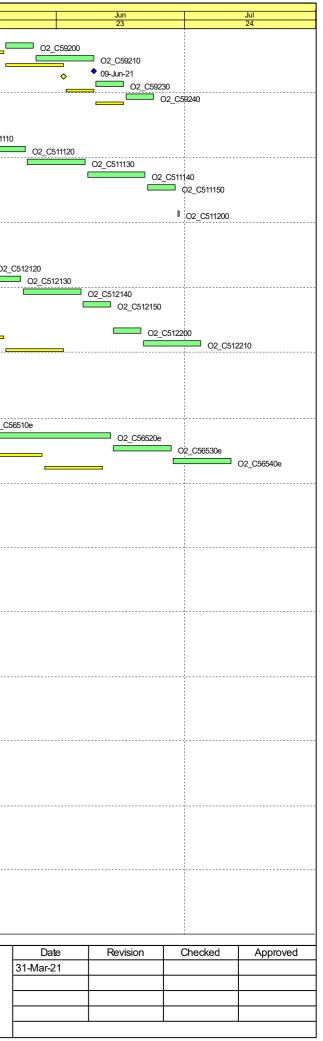




ivity ID	Activity Name	Original	Baseline Start	Baseline Finish	Start	Finish	Total	Mar	A	2021 May
		Duration	Date	Date	00.14	00.1	Float	Mar 20	Apr 21	May 22
EMPLOYER's C O2 C59200	CONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	35 7	13-May-21 13-May-21	16-Jun-21 19-May-21	20-May-21 20-May-21	23-Jun-21 26-May-21	79 9			r
O2_C59200 O2_C59210	ER Comment on the submitted CAPC System (Clause 5.4.3.17.c, Specs A)	14	20-May-21	02-Jun-21	20-iviay-21 27-May-21	20-Iviay-21 09-Jun-21	9			
O2_C59220	ER Consented CAPC System (Clause 5.4.3.17.a, Specs A)	0	20-1vidy-21	02-Jun-21	21-1VICIY-21	09-Jun-21	9			E
O2_C59230	Submit Two Complete Sets CAPC System to IC, ER for Register Design (Clause 5.4.3.22, SpecsA)	7	03-Jun-21	09-Jun-21	10-Jun-21	16-Jun-21	79			
O2_C59240	Design Registered - CAPC System	7	10-Jun-21	16-Jun-21	17-Jun-21	23-Jun-21	79			
C5.11 - ELECTR	RICAL WORKS (PROCESS)	365	30-Jun-20	16-May-21	30-Jun-20 A	29-Jun-21	37			
IC CHECKING	& CERTIFICATION	364	30-Jun-20	15-May-21	30-Jun-20 A	28-Jun-21	37			
O2_C511110	Submit further information for the submitted Electrical Works to IC (Clause 5.4.3.9, Specs A)	258	30-Jun-20	14-Mar-21	30-Jun-20 A	10-May-21	37			O2_C51111
O2_C511120	IC Comment on the re-submitted Electrical Works (Clause 5.4.3.9, Specs A)	14	15-Mar-21	28-Mar-21	11-May-21	24-May-21	37	· · · · · · · · · · · · · · · · · · ·		
O2_C511130	Submit further information for the re-submitted Electrical Works to IC (Clause 5.4.3.9, Specs A)	14	29-Mar-21	24-Apr-21	25-May-21	07-Jun-21	37		Ļ	
O2_C511140	IC Certify Electrical Works (Clause 5.4.3.9, Specs A)	14	25-Apr-21	08-May-21	08-Jun-21	21-Jun-21	37		_	
O2_C511150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	09-May-21	15-May-21	22-Jun-21	28-Jun-21	37			
EMPLOYER's C		1	16-May-21	16-May-21	29-Jun-21	29-Jun-21	37			
O2_C511200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	1	16-May-21	16-May-21	29-Jun-21	29-Jun-21	37			J
C5.12 - LIFTING		257 236	21-Oct-20 21-Oct-20	02-Jun-21 12-May-21	21-Oct-20 A 21-Oct-20 A	04-Jul-21 13-Jun-21	54			
O2 C512110	& CERTIFICATION Submit further information for the submitted Lifting Appliance to IC (Clause 5.4.3.9, Specs A)	162	21-0d-20 21-0d-20	31-Mar-21	21-0d-20 A 21-0d-20 A	02-May-21	54			O2 C512110
O2_C512110	IC Comment on the re-submitted Lifting Appliance (Clause 5.4.3.9, Specs A)	102	01-Apr-21	14-Apr-21	03-May-21	16-May-21	54			02_0312110
O2_C512120	Submit further information for the re-submitted Lifting Appliance to IC (Clause 5.4.3.9, Specs A)	7	15-Apr-21	21-Apr-21	17-May-21	23-May-21	54			
O2_0512130	IC Certify Lifting Appliance (Clause 5.4.3.9, Specs A)	14	22-Apr-21	05-May-21	24-May-21	06-Jun-21	54			
O2_C512150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	06-May-21	12-May-21	07-Jun-21	13-Jun-21	54			
EMPLOYER's C		21	13-May-21	02-Jun-21	14-Jun-21	04-Jul-21	54			
O2 C512200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	7	13-May-21	19-May-21	14-Jun-21	20-Jun-21	54			
 O2_C512210	ER Comment on the submitted Lifting Appliance (Clause 5.4.3.17.c, Specs A)	14	20-May-21	02-Jun-21	21-Jun-21	04-Jul-21	54			
STAGE 1 SUBM	ISSIONS (Process Design)	377	30-Jun-20	03-Jul-21	30-Jun-20 A	11-Jul-21	727			
C5.6.1 & 5 - EN	ERGY RECOVERY	102	01-Mar-21	11-Jun-21	01-Apr-21	11-Jul-21	42	l l l l l l l l l l l l l l l l l l l		
SUBMISSION		30	01-Mar-21	31-Mar-21	01-Apr-21	30-Apr-21	42			
O2_C56500e	Energy Recovery (Clause 5.4.3.9, Specs A)	30	01-Mar-21	31-Mar-21	01-Apr-21	30-Apr-21	42			O2_C56500e
IC CHECKING	& CERTIFICATION	72	01-Apr-21	11-Jun-21	01-May-21	11-Jul-21	42			
O2_C56510e	IC Comment on the submitted Energy Recovery (Clause 5.4.3.9, Specs A)	14	01-Apr-21	14-Apr-21	01-May-21	14-May-21	42			02_C
O2_C56520e	Submit further information for the submitted Energy Recovery to IC (Clause 5.4.3.9, Specs A)	30	15-Apr-21	14-May-21	15-May-21	13-Jun-21	42			
O2_C56530e	IC Comment on the re-submitted Energy Recovery (Clause 5.4.3.9, Specs A)	14	15-May-21	28-May-21	14-Jun-21	27-Jun-21	42			
O2_C56540e	Submit further information for the re-submitted Energy Recovery to IC (Clause 5.4.3.9, Specs A)	14	29-May-21	11-Jun-21	28-Jun-21	11-Jul-21	42			
	EATMENT SYSTEM (HAMMER MILL, LIQUID STORAGE, CONVEYORS)	71	19-Feb-21	19-Apr-21	19-Feb-21 A	30-Apr-21	13			
	1 - PRE-TREATMENT SYSTEM	71	19-Feb-21	19-Apr-21	19-Feb-21 A	30-Apr-21	13			
IC CHECKING &		61	19-Feb-21	27-Mar-21	19-Feb-21 A	07-Apr-21	13			
O2_C53130	Submit further information for the re-submitted Pre-Treatment System to IC (Clause 5.4.3.9, Specs A)	16	19-Feb-21	06-Mar-21	19-Feb-21 A	10-Mar-21 A		02_C53130		
O2_C53140 O2 C53150	IC Certify Pre-Treatment System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	07-Mar-21 21-Mar-21	20-Mar-21 27-Mar-21	10-Mar-21 A 01-Apr-21	19-Mar-21 A 07-Apr-21	13	02_C53140	O2 C53150	
EMPLOYER'S CO		23	28-Mar-21	19-Apr-21	08-Apr-21	30-Apr-21	13		02_03150	
O2_C53200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	2	28-Mar-21	29-Mar-21	08-Apr-21	09-Apr-21	13		O2_C53200	
O2_C53210	ER Comment on the submitted Pre-Treatment System (Clause 5.4.3. 17. a, Specs A)	14	30-Mar-21	12-Apr-21	10-Apr-21	23-Apr-21	13			C53210
O2_C53220	ER Consented Pre-Treatment System (Clause 5.4.3.17.a, Specs A)	0		12-Apr-21		23-Apr-21	13		♦ 23-4	Apr-21
O2_C53230	Submit Two Complete Sets Pre-Treatment System to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	7	13-Apr-21	19-Apr-21	24-Apr-21	30-Apr-21	13			O2_C53230
O2_C53240	Design Registered - Pre-Treatment System	7	13-Apr-21	19-Apr-21	24-Apr-21	30-Apr-21	13			O2_C53240
C5.2 - WASTE F	RECEIVING, STORAGE AND FEEDING SYSTEM	71			•					
C5.2 - STAGE			19-Feb-21	19-Apr-21	19-Feb-21 A	30-Apr-21	13			
	1 - WASTE RECEIVING, STORAGE AND FEEDING SYSTEM	71	19-Feb-21 19-Feb-21	19-Apr-21 19-Apr-21	19-Feb-21 A 19-Feb-21 A	30-Apr-21 30-Apr-21	13 13			
IC CHECKING &		71 61		-			13 13 13			
O2_C52130	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A)	61 16	19-Feb-21 19-Feb-21 19-Feb-21	19-Apr-21 27-Mar-21 06-Mar-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A	30-Apr-21 07-Apr-21 10-Mar-21 A	13 13 13	02_C52130		
O2_C52130 O2_C52140	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A)	61 16 14	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A		02 052130		
O2_C52130 O2_C52140 O2_C52150	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	61 16 14 7	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 27-Mar-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 01-Mar-21 A 01-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21	13	O2_C52130	 O2_C52150	
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT	61 16 14 7 23	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21		O2_C52130	02_C52150	
O2_C52130 O2_C52140 O2_C52150 EMPLOYER'S C0 O2_C52200	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	61 16 14 7 23 7	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 08-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21	13 13 13	02_C52130		
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A)	61 16 14 7 23 7 14	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21	13 13 13 13	02_C52130	02_C52150	02_C52210
O2_C52130 O2_C52140 O2_C52150 EMPLOYER'S C0 O2_C52200 O2_C52210 O2_C52220	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A)	61 16 14 7 23 7 14 0	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21	13 13 13 13 13 13	02_C52130	02_C52150	O2_C52210 ◆ 28-Apr-21
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS C0 O2_C52200 O2_C52210 O2_C52220 O2_C52230	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	61 16 14 7 23 7 14 0 1	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21	13 13 13 13 13 13 13 13	02_C52130	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) Submit Two Complete Sets Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System	61 16 14 7 23 7 14 0 1 1	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21	13 13 13 13 13 13	02_C52130	02_C52150	O2_C52210 • 28-Apr-21
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52240 C5.4 - ANAERO	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System DEC DIGESTION TREAT MENT SYSTEM	61 16 14 7 23 7 14 0 1 1 1 315	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21 30-Jun-20	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 19-Apr-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Jun-20A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21	13 13 13 13 13 13 13 13 13 13 189	02_C52130	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) Submit Two Complete Sets Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System	61 16 14 7 23 7 14 0 1 1	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21	13 13 13 13 13 13 13 13	02_C52130	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System DEIC DIGESTION TREAT MENT SYSTEM 1 SUBMISSION - AD SYSTEM	61 16 14 7 23 7 14 0 1 315	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-Apr-21 10-Apr-21 10-May-21 10-May-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21	13 13 13 13 13 13 13 13 13 13 189 189	02_C52130	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE IC CHECKING &	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) Submit Two Complete Sets Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System DEIC DIGES TION TREAT MENT SYST EM 1 SUBMISSION - AD SYSTEM CERTIFICATION	61 16 14 7 23 7 14 0 1 315 303	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 07-Apr-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 07-Apr-21	13 13 13 13 13 13 13 13 13 13 189 189	02_C52130	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE IC CHECKING & O2_C54120	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System DEIC DIGES TION TREAT MENT SYST EM 1 SUBMISSION - AD SY STEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A)	61 16 14 7 23 7 14 0 1 315 303 247	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 07-Apr-21 03-Mar-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 01-Apr-21 08-Apr-21 15-Apr-21 15-Apr-21 30-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 07-Apr-21 02-Mar-21 A	13 13 13 13 13 13 13 13 13 13 189 189	02_C52130 02_C52146 02_C52146 02_C52146	02_C52150	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE * IC CHECKING & O2_C54120 O2_C54130	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System DEIC DIGES TION TREAT MENT SYST EM 1 SUBMISSION - AD SY STEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A)	61 16 14 7 23 7 14 0 1 315 303 247 14	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 18-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 07-Apr-21 03-Mar-21 17-Mar-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 01-Apr-21 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A 30-Jun-20A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 07-Apr-21 02-Mar-21 A 26-Feb-21 A	13 13 13 13 13 13 13 13 13 13 189 189	02_C52130 02_C52146 02_C52146 02_C52146 02_C54120 02_C54130	02_C52150 02_C52200	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C52200 O2_C52210 O2_C52200 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE * IC CHECKING & O2_C54120 O2_C54130 O2_C54140	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17, a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System Design Register d - Waste Receiving, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Design Registered - Waste Receiving, Storage & Feeding System Design Registered - Waste Receiving, Storage & Feeding System DESIGN TREAT MENT SYSTEM DESIGN TREAT MENT SYSTEM DESIGN FREAT MENT SYSTEM DESIGN Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further in	61 16 14 7 23 7 14 0 1 315 303 247 14 14	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21 18-Mar-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 07-Apr-21 03-Mar-21 17-Mar-21 31-Mar-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Apr-21 30-Jun-20 A 30-Jun-20 A 30-Jun-20 A 30-Jun-20 A 30-Jun-20 A	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 07-Apr-21 02-Mar-21 A 26-Feb-21 A 02-Mar-21 A	13 13 13 13 13 13 13 13 13 189 189 189	02_C52130 02_C52146 02_C52146 02_C52146 02_C54120 02_C54130	02_C52150 02_C52200 • • • •	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C5220 O2_C52230 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE - IC CHECKING & O2_C54130 O2_C54130 O2_C54150 EMPLOYERS CO O2_C54120 O2_C54120	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17. a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17. a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Delic DIGESTION TREAT MENT SYSTEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A) IC Comment on the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A) IC Certify AD Treatment System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)<	61 16 14 7 23 7 14 0 1 315 303 247 14 7 14 7 315 303 247 14 7 33 7	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 04-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21 18-Mar-21 01-Apr-21 08-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 03-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 19-Apr-21 19-Apr-21 10-May-21 10-May-21 03-Mar-21 17-Mar-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21 03-Mar-21 07-Apr-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A 30-Jun-20A 09-Feb-21A 26-Feb-21A 08-Apr-21 08-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 02-Mar-21 A 02-Mar-21 A 07-Apr-21	13 13 13 13 13 13 13 13 189 189 189 184 184 184 189 184	02_C52130 02_C52144 02_C52144 02_C52144 02_C54120 02_C54130	02_C52150 02_C52200 • • • •	 O2_C52210 28-Apr-21 O2_C52230
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C5220 O2_C52230 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE - IC CHECKING & O2_C54130 O2_C54130 O2_C54150 EMPLOYERS CO O2_C54210 O2_C54210	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Delic DIGESTION TREATMENT SYSTEM 1 SUBMISSION - AD SYSTEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	61 16 14 7 23 7 14 0 1 315 303 247 14 7 14 7 315 303 247 14 7 33 7 12	19-Feb-21 19-Feb-21 19-Feb-21 21-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21 18-Mar-21 01-Apr-21 08-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 03-Mar-21 17-Mar-21 31-Mar-21 31-Mar-21 10-Apy-21 14-Apr-21 26-Apr-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 08-Apr-21 08-Apr-21 15-Apr-21 30-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A 09-Feb-21A 26-Feb-21A 03-Apr-21 03-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 07-Apr-21 02-Mar-21 A 02-Mar-21 A 07-Apr-21 10-May-21 14-Apr-21 26-Apr-21	13 13 13 13 13 13 13 13 13 189 189 189 184 184 184 184	02_C52130 02_C52144 02_C52144 02_C54120 02_C54120 02_C54130	O2_C52150 O2_C52200	 O2_C52210 28-Apr-21 O2_C52230 O2_C52240 O2_C52240
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C5220 O2_C52210 O2_C5220 O2_C5220 O2_C5220 O2_C52200 O2_C54120 O2_C54120 O2_C54130 O2_C54130 O2_C54130 O2_C54200 O2_C54210 O2_C54210 O2_C54220	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) DelC DIGESTION TREAT MENT SYSTEM 1 SUBMISSION - AD SYSTEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A) IC Certify AD Treatment System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) <	61 16 14 7 23 7 14 0 1 315 303 247 14 7 14 7 315 303 247 14 7 12 0	19-Feb-21 19-Feb-21 19-Feb-21 21-Mar-21 28-Mar-21 28-Mar-21 28-Mar-21 04-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21 18-Mar-21 08-Apr-21 08-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 17-Apr-21 13-Mar-21 03-Mar-21 17-Mar-21 31-Mar-21 07-Apr-21 14-Apr-21 26-Apr-21 26-Apr-21 26-Apr-21 26-Apr-21 26-Apr-21 26-Apr-21 26-Apr-21	19-Feb-21 A 19-Feb-21 A 19-Feb-21 A 10-Mar-21 A 01-Apr-21 08-Apr-21 15-Apr-21 15-Apr-21 30-Apr-21 30-Apr-20 30-Jun-20 A 30-Jun-20 A 30-J	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 02-Mar-21 A 02-Mar-21 A 02-Mar-21 A 07-Apr-21 10-May-21 14-Apr-21 26-Apr-21 26-Apr-21	13 13 13 13 13 13 13 13 13 13 13 189 189 189 184 184 184 184	02_C52130 02_C52144 02_C52144 02_C54120 02_C54120 02_C54130	O2_C52150 O2_C52200	 O2_C52210 28-Apr-21 O2_C52230 O2_C52240 O2_C52240 O2_C54210 26-Apr-21
O2_C52130 O2_C52140 O2_C52150 EMPLOYERS CO O2_C5220 O2_C52230 O2_C52230 O2_C52240 C5.4 - ANAERO C5.4 - STAGE - IC CHECKING & O2_C54130 O2_C54130 O2_C54150 EMPLOYERS CO O2_C54210 O2_C54210	CERTIFICATION Submit further information for the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) IC Certify Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) ONSENT Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) ER Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) ER Consented Waste Receiving, Storage & Feeding System (Clause 5.4.3.17.a, Specs A) Submit Two Complete Sets Waste Receiv, Storage & Feeding System to IC, ER for Register Design (Clause 5.4.3.22, Specs A) Delic DIGESTION TREATMENT SYSTEM 1 SUBMISSION - AD SYSTEM CERTIFICATION IC Comment on the re-submitted AD Treatment System (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.9, Specs A) Submit further information for the re-submitted AD Treatment System to IC (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A) Obtain Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	61 16 14 7 23 7 14 0 1 315 303 247 14 7 14 7 315 303 247 14 7 33 7 12	19-Feb-21 19-Feb-21 19-Feb-21 07-Mar-21 21-Mar-21 28-Mar-21 04-Apr-21 19-Apr-21 30-Jun-20 30-Jun-20 30-Jun-20 04-Mar-21 18-Mar-21 01-Apr-21 08-Apr-21	19-Apr-21 27-Mar-21 06-Mar-21 20-Mar-21 27-Mar-21 19-Apr-21 17-Apr-21 17-Apr-21 18-Apr-21 19-Apr-21 10-May-21 10-May-21 10-May-21 03-Mar-21 17-Mar-21 31-Mar-21 31-Mar-21 10-Apy-21 14-Apr-21 26-Apr-21	19-Feb-21A 19-Feb-21A 19-Feb-21A 10-Mar-21A 08-Apr-21 08-Apr-21 15-Apr-21 29-Apr-21 30-Apr-21 30-Jun-20A 30-Jun-20A 30-Jun-20A 30-Jun-20A 09-Feb-21A 26-Feb-21A 08-Apr-21 08-Apr-21	30-Apr-21 07-Apr-21 10-Mar-21 A 19-Mar-21 A 07-Apr-21 30-Apr-21 14-Apr-21 28-Apr-21 28-Apr-21 29-Apr-21 30-Apr-21 10-May-21 10-May-21 07-Apr-21 02-Mar-21 A 02-Mar-21 A 07-Apr-21 10-May-21 14-Apr-21 26-Apr-21	13 13 13 13 13 13 13 13 13 189 189 189 184 184 184 184	02_C52130 02_C52144 02_C52144 02_C54120 02_C54120 02_C54130	O2_C52150 O2_C52200	 O2_C52210 28-Apr-21 O2_C52230 O2_C52240 O2_C52240



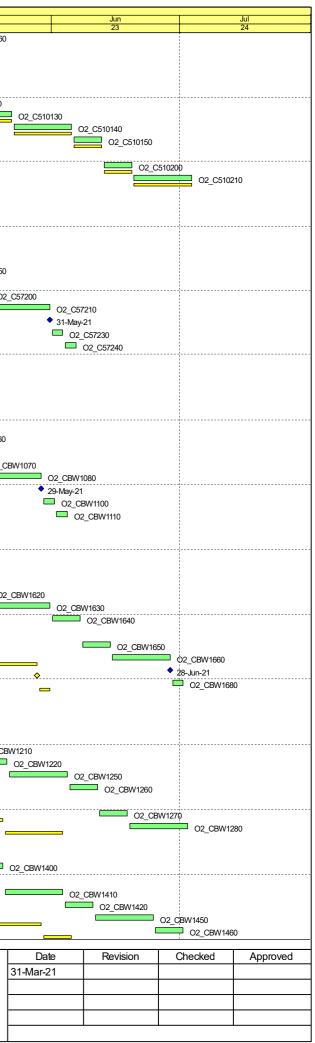




	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float	Mar	Apr	
O2 C54260	Design Registered - AD Treatment System	7	04-May-21	10-May-21	04-May-21	10-May-21	189	20	21	02
_	DL & INSTRUMENTATION WORKS	362	07-Jul-20	03-Jul-21	07-Jul-20A	03-Jul-21	108			
	1 - C&I WORKS	362	07-Jul-20	03-Jul-21	07-Jul-20 A	03-Jul-21	108			
CHECKING & CE	ERTIFICATION	341	07-Jul-20	12-Jun-21	07-Jul-20 A	12-Jun-21	103			
O2_C510110	Submit further information for the submitted C&I Works to IC (Clause 5.4.3.9, Specs A)	292	07-Jul-20	24-Apr-21	07-Jul-20A	24-Apr-21	103			O2_C510110
D2_C510120	IC Comment on the re-submitted C&I Works (Clause 5.4.3.9, Specs A)	14	25-Apr-21	08-May-21	25-Apr-21	08-May-21	103			02_0
O2_C510130	Submit further information for the re-submitted C&I Works to IC (Clause 5.4.3.9, Specs A)	14	09-May-21	22-May-21	09-May-21	22-May-21	103			
O2_C510140	IC Certify C&I Works (Clause 5.4.3.9, Specs A)	14	23-May-21	05-Jun-21	23-May-21	05-Jun-21	103			
_	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	06-Jun-21	12-Jun-21	06-Jun-21	12-Jun-21	103			
MPLOYER's CON		21	13-Jun-21	03-Jul-21	13-Jun-21	03-Jul-21	108			
	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, SpecsA)	7	13-Jun-21	19-Jun-21	13-Jun-21	19-Jun-21	108			
		14	20-Jun-21	03-Jul-21	20-Jun-21	03-Jul-21	108			
	RING AND GRANULATION SYSTEM	185	04-Dec-20	15-May-21	04-Dec-20 A	06-Jun-21	762			
	- GRANULATION SYSTEM	185	04-Dec-20	15-May-21	04-Dec-20 A	06-Jun-21	762			
CHECKING & CE		158	04-Dec-20	18-Apr-21	04-Dec-20 A	10-May-21	30			
	IC Comment on the re-submitted Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	101	04-Dec-20	14-Mar-21	04-Dec-20 A	12-Apr-21	2		O2_C57120	
O2_C57130	Submit further information for the re-submitted Dewatering & Granulation System to IC (Clause 5.4.3.9, Specs A)	7	15-Mar-21	28-Mar-21	13-Apr-21	19-Apr-21	2		02_	
D2_C57140	IC Certify Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	14	29-Mar-21	11-Apr-21	20-Apr-21	03-May-21	2			02_C5714
D2_C57150	Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)	7	12-Apr-21	18-Apr-21	04-May-21	10-May-21	30			
MPLOYER'S CON		27	19-Apr-21	15-May-21	11-May-21	06-Jun-21	762			
D2_C57200	Submit Design Check Certificate & Method of Construction Check Certificate to ER (Clause 5.4.3.16, Specs A)	7	19-Apr-21	25-Apr-21	11-May-21	17-May-21	30			-
D2_C57210	ER Comment on the submitted Dewatering & Granulation System (Clause 5.4.3.17.c, Specs A)	14	26-Apr-21	09-May-21	18-May-21	31-May-21	30 30			
D2_C57220 D2_C57230	ER Consented Dewatering & Granulation System (Clause 5.4.3.17.a, Specs A)	0	10 May 21	09-May-21	01 km 01	31-May-21	30 762			
D2_C37230 D2_C57240	Submit Two Complete Sets Dewatering & Granulation System to IC, ER for Register Design (Clause 5.4.3.22, Specs A)	3	10-May-21 13-May-21	12-May-21 15-May-21	01-Jun-21 04-Jun-21	03-Jun-21 06-Jun-21	762			
-	Design Registered - Dewatering & Granulation System RANULATION BUILDING	173	13-1viay-21 11-Jan-21	05-Jun-21	11-Jan-21 A	02-Jul-21	133			
	- GRANULATION BUILDING (B/F)	1/3	12-Feb-21	05-Jun-21 06-May-21	12-Feb-21 A		107			
		86	12-Feb-21 12-Feb-21		12-Feb-21 A	04-Jun-21	107			
	CERTIFICATION	19	12-Feb-21	09-Apr-21	12-Feb-21A	08-May-21	107			
	IC Comment on the CBWD Granulation - B/F			02-Mar-21		01-Mar-21 A	4	02_CBW1010	00.00	14000
-	Submit further information for the submitted CBWD Granulation - B/F	17	03-Mar-21 20-Mar-21	19-Mar-21 02-Apr-21	02-Mar-21 A	17-Apr-21	4		02_CB	<u></u>
-	IC Certify CBWD Granulation - B/F Obtain Design Check Certificate for CBWD Granulation - B/F	7	03-Apr-21	02-Apr-21 09-Apr-21	18-Apr-21 02-May-21	01-May-21 08-May-21	4			02_CBW10
/PLOYER's C	-	27	10-Apr-21	06-May-21	02-May-21	04-Jun-21	107			02
	Submit Design Check Certificate to ER	7	10-Apr-21	16-Apr-21	09-May-21	15-May-21	107			_
02_CBW1070	ER Comment on the submitted CBWD Granulation - B/F	14	17-Apr-21	30-Apr-21	16-May-21	29-May-21	107			
2_CBW1000	ER Consented CBWD Granulation - B/F	0	11-Api-21	30-Apr-21	10-Ividy-21	29-May-21	107			
-	Submit Two Complete Sets CBWD Granulation - B/F	3	01-May-21	03-May-21	30-May-21	01-Jun-21	107			
-	Design Registered - CBWD Granulation - B/F	3	04-May-21	06-May-21	02-Jun-21	04-Jun-21	107			
-	- GRANULATION BUILDING (G/F)	172	11-Jan-21	31-May-21	11-Jan-21 A	01-Jul-21	77	/		
JBMISSION		68	11-Jan-21	19-Mar-21	11-Jan-21 A	19-Apr-21	55	/		
	Prepare & Submit CBWD Granulation - G/F	68	11-Jan-21	19-Mar-21	11-Jan-21 A	19-Apr-21	55		02	CBW1600
_	CERTIFICATION	49	20-Mar-21	07-May-21	20-Apr-21	07-Jun-21	77			
	IC Comment on the CBWD Granulation - G/F	14	20-Mar-21	02-Apr-21	20-Apr-21	03-May-21	55			O2 CBW
-	Submit further information for the submitted CBWD Granulation - G/F	14	03-Apr-21	16-Apr-21	04-May-21	17-May-21	55		>	
_	IC Certify CBWD Granulation - G/F	14	17-Apr-21	30-Apr-21	18-May-21	31-May-21	55			
-	Obtain Design Check Certificate for CBWD Granulation - G/F	7	01-May-21	07-May-21	01-Jun-21	07-Jun-21	77			
PLOYER's C	-	24	08-May-21	31-May-21	08-Jun-21	01-Jul-21	77			
	Submit Design Check Certificate to ER	7	08-May-21	14-May-21	08-Jun-21	14-Jun-21	77			_
	ER Comment on the submitted CBWD Granulation - G/F	14	15-May-21	28-May-21	15-Jun-21	28-Jun-21	77			
-	ER Consented CBWD Granulation - G/F	0		28-May-21		28-Jun-21	77			
2_CBW1680	Submit Two Complete Sets CBWD Granulation - G/F	3	29-May-21	31-May-21	29-Jun-21	01-Jul-21	77			
1.2 - CBWD - (GRANULATION BUILDING (M/F)	152	01-Feb-21	03-Jun-21	01-Feb-21 A	02-Jul-21	133			
BMISSION		60	01-Feb-21	01-Apr-21	01-Feb-21 A	30-Apr-21	107			
2_CBW1200	Prepare & Submit CBWD Granulation - M/F	60	01-Feb-21	01-Apr-21	01-Feb-21 A	30-Apr-21	107			O2_CBW120
-	CERTIFICATION	42	02-Apr-21	13-May-21	01-May-21	11-Jun-21	133			
	IC Comment on the CBWD Granulation - M/F	14	02-Apr-21	15-Apr-21	01-May-21	14-May-21	107			
2_CBW1220	Submit further information for the submitted CBWD Granulation - WF	7	16-Apr-21	22-Apr-21	15-May-21	21-May-21	107			
2_CBW1250	IC Certify CBWD Granulation - WF	14	23-Apr-21	06-May-21	22-May-21	04-Jun-21	107			
2_CBW1260	Obtain Design Check Certificate for CBWD Granulation - M/F	7	07-May-21	13-May-21	05-Jun-21	11-Jun-21	133			
IPLOYER's C	ONSENT	21	14-May-21	03-Jun-21	12-Jun-21	02-Jul-21	133			
2_CBW1270	Submit Design Check Certificate to ER	7	14-May-21	20-May-21	12-Jun-21	18-Jun-21	133			
2_CBW1280	ER Comment on the submitted CBWD Granulation - WF	14	21-May-21	03-Jun-21	19-Jun-21	02-Jul-21	133			
1.3 - CBWD - (GRANULATION BUILDING (R/F)	92	01-Mar-21	05-Jun-21	01-Apr-21	01-Jul-21	53			
JBMISSION		50	01-Mar-21	24-Apr-21	01-Apr-21	20-May-21	53			
2_CBW1400	Prepare & Submit CBWD Granulation - R/F	50	01-Mar-21	24-Apr-21	01-Apr-21*	20-May-21	53			1
CHECKING &	CERTIFICATION	42	25-Apr-21	05-Jun-21	21-May-21	01-Jul-21	53			
	IC Comment on the CBWD Granulation - R/F	14	25-Apr-21	08-May-21	21-May-21	03-Jun-21	53			
2_CBW1420	Submit further information for the submitted CBWD Granulation - R/F	7	09-May-21	15-May-21	04-Jun-21	10-Jun-21	53			
	IC Certify CBWD Granulation - R/F	14	16-May-21	29-May-21	11-Jun-21	24-Jun-21	53			
2_CBW1450		17	10 1110 21							

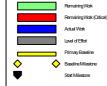


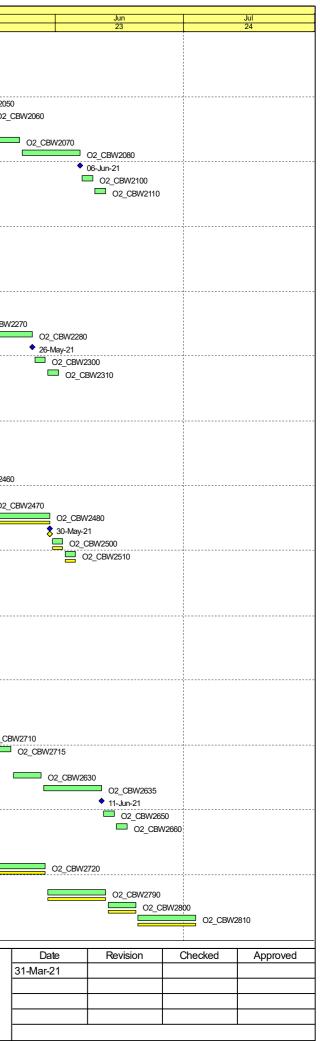




ty ID	Activity Name	Original	Baseline Start	Baseline Finish	Start	Finish	Total			2021
		Duration	Date	Date			Float	Mar 20	Apr 21	May 22
	CEPTION BUILDING	132	01-Feb-21	05-Jun-21	01-Feb-21 A	12-Jun-21	756			
	RECEPTION BUILDING (G/F & LG/F)	129	04-Feb-21	12-May-21	04-Feb-21 A	12-Jun-21	756			
		102	04-Feb-21	15-Apr-21	04-Feb-21 A	16-May-21	756			
	IC Comment on the CBWD Reception Bldg (G/F & LG/F)	5 45	04-Feb-21 09-Feb-21	08-Feb-21 25-Mar-21	04-Feb-21 A 09-Feb-21 A	08-Feb-21 A				02 CRW2020
-	Submit further information for the submitted CBWD Reception Bldg (G/F & LG/F) IC Certify CBWD Reception Bldg (G/F & LG/F)	45	19-Feb-21	08-Apr-21	19-Feb-21 A	25-Apr-21 09-May-21	4			02_CBW2020 02_CBW202
	Obtain Design Check Certificate for CBWD Reception Bldg (G/F & LG/F)	7	09-Apr-21	15-Apr-21	10-May-21	16-May-21	756			02_05//20
EMPLOYER's C		27	16-Apr-21	12-May-21	17-May-21	12-Jun-21	756			
	Submit Design Check Certificate to ER	7	16-Apr-21	22-Apr-21	17-May-21	23-May-21	756			
	ER Comment on the submitted CBWD Reception Bldg (G/F & LG/F)	14	23-Apr-21	06-May-21	24-May-21	06-Jun-21	756			
O2_CBW2090	ER Consented CBWD Reception Bldg (G/F & LG/F)	0		06-May-21		06-Jun-21	756			~
O2_CBW2100	Submit Two Complete Sets CBWD Reception Bldg (G/F & LG/F)	3	07-May-21	09-May-21	07-Jun-21	09-Jun-21	756			_
O2_CBW2110	Design Registered - CBWD Reception Bldg (G/F & LG/F)	3	10-May-21	12-May-21	10-Jun-21	12-Jun-21	756			_
C7.2.2 - CBWD - I	RECEPTION BUILDING (Admin. Bldg)	121	01-Feb-21	18-May-21	01-Feb-21 A	01-Jun-21	767			
SUBMISSION		31	01-Feb-21	03-Mar-21	01-Feb-21 A	02-Mar-21 A				
1 · · · · · · · · · · · · · · · · · · ·	Prepare & Submit CBWD Reception Bldg (Admin. Bldg)	31	01-Feb-21	03-Mar-21	01-Feb-21 A	02-Mar-21 A		O2_CBW2200		
	CERTIFICATION	32	04-Mar-21	21-Apr-21	03-Mar-21 A	05-May-21	767			
	IC Comment on the CBWD Reception Bldg (Admin. Bldg)	14	04-Mar-21	17-Mar-21	03-Mar-21 A	22-Mar-21 A		02 CBW2		
	Submit further information for the submitted CBWD Reception Bldg (Admin. Bldg)	14	18-Mar-21	31-Mar-21	23-Mar-21 A	14-Apr-21	43		02_CBW2220	_
	IC Certify CBWD Reception Bldg (Admin. Bldg) Obtain Design Check Certificate for CBWD Reception Bldg (Admin. Bldg)	14	01-Apr-21 15-Apr-21	14-Apr-21 21-Apr-21	15-Apr-21 29-Apr-21	28-Apr-21	43			O2_CBW2250
EMPLOYER's C		27	15-Apr-21 22-Apr-21	21-Apr-21 18-May-21	29-Apr-21 06-May-21	05-May-21 01-Jun-21	767			U2_UBW2200
	Submit Design Check Certificate to ER	7	22-Apr-21 22-Apr-21	28-Apr-21	06-May-21	12-May-21	767			02_CB
	ER Comment on the submitted CBWD Reception Bldg (Admin. Bldg)	14	22-Apr-21 29-Apr-21	12-May-21	13-May-21	26-May-21	767			
	ER Consented CBWD Reception Bldg (Admin. Bldg)	0	2070.21	12-May-21		26-May-21	767			
	Submit Two Complete Sets CBWD Reception Bldg (Admin. Bldg)	3	13-May-21	15-May-21	27-May-21	29-May-21	767			······
	Design Registered - CBWD Reception Bldg (Admin. Bldg)	3	16-May-21	18-May-21	30-May-21	01-Jun-21	767	[]		
	RECEPTION BUILDING (R/F)	118	08-Feb-21	05-Jun-21	08-Feb-21 A	05-Jun-21	763			
SUBMISSION		42	08-Feb-21	21-Mar-21	08-Feb-21 A	04-Mar-21 A				
O2_CBW2400	Prepare & Submit CBWD Reception Bldg (R/F)	42	08-Feb-21	21-Mar-21	08-Feb-21 A	04-Mar-21 A		02_CBW2	400	
IC CHECKING &	CERTIFICATION	31	22-Mar-21	09-May-21	04-Mar-21 A	09-May-21	763			
O2_CBW2410	IC Comment on the CBWD Reception Bldg (R/F)	14	22-Mar-21	04-Apr-21	04-Mar-21 A	24-Mar-21 A			O2_CBW2410	
O2_CBW2420	Submit further information for the submitted CBWD Reception Bldg (R/F)	14	05-Apr-21	18-Apr-21	25-Mar-21 A	18-Apr-21	98		02_CBW	/2420
O2_CBW2450	IC Certify CBWD Reception Bldg (R/F)	14	19-Apr-21	02-May-21	19-Apr-21	02-May-21	98			O2_CBW2450
	Obtain Design Check Certificate for CBWD Reception Bldg (R/F)	7	03-May-21	09-May-21	03-May-21	09-May-21	763			02_CBW24
EMPLOYER's C		27	10-May-21	05-Jun-21	10-May-21	05-Jun-21	763			
	Submit Design Check Certificate to ER	7	10-May-21	16-May-21	10-May-21	16-May-21	763	-		02
	ER Comment on the submitted CBWD Reception Bldg (R/F)	14	17-May-21	30-May-21	17-May-21	30-May-21	763			
	ER Consented CBWD Reception Bldg (R/F) Submit Two Complete Sets CBWD Reception Bldg (R/F)	0	31-May-21	30-May-21 02-Jun-21	31-May-21	30-May-21 02-Jun-21	763 763			
	Design Registered - CBWD Reception Bldg (R/F)	3	03-Jun-21	05-Jun-21	03-Jun-21	02-Jun-21	763			
C7.4.1 - CBWD - A		34	01-Mar-21	03-Apr-21	01-Apr-21	04-May-21	795			
IC CHECKING &		7	01-Mar-21	07-Mar-21	01-Apr-21	07-Apr-21	795			
	Obtain Design Check Certificate for CBWD AD Tanks	7	01-Mar-21	07-Mar-21	01-Apr-21	07-Apr-21	795		O2_CBW2615	
EMPLOYER's CO		27	08-Mar-21	03-Apr-21	08-Apr-21	04-May-21	795	,,	-	
O2_CBW2530	Submit Design Check Certificate to ER	7	08-Mar-21	14-Mar-21	08-Apr-21	14-Apr-21	795		O2_CBW2530)
O2_CBW2535	ER Comment on the submitted CBWD AD Tanks	14	15-Mar-21	28-Mar-21	15-Apr-21	28-Apr-21	795			O2_CBW2535
O2_CBW2540	ER Consented CBWD AD Tanks	0		28-Mar-21		28-Apr-21	795	- I V		28-Apr-21
O2_CBW2550	Submit Two Complete Sets CBWD AD Tanks	3	29-Mar-21	31-Mar-21	29-Apr-21	01-May-21	795			O2_CBW2550
	Design Registered - CBWD AD Tanks	3	01-Apr-21	03-Apr-21	02-May-21	04-May-21	795		—	O2_CBW2560
	NGESTATE TANKS	162	07-Jan-21	24-Apr-21	07-Jan-21 A	17-Jun-21	751			
IC CHECKING &		135	07-Jan-21	28-Mar-21	07-Jan-21 A	21-May-21	751			
	IC Comment on the CBWD DIGESTATE TANKS	6	07-Jan-21	12-Jan-21	07-Jan-21 A	15-Mar-21 A	440	02_CBW2690		
	Submit further information for the submitted CBWD DIGESTATE TANKS	54	13-Jan-21	07-Mar-21	13-Jan-21 A	30-Apr-21	110 110			O2_CBW2700
	IC Certify CBWD DIGESTATE TANKS Obtain Design Check Certificate for CBWD DIGESTATE TANKS	7	08-Mar-21 22-Mar-21	21-Mar-21 28-Mar-21	01-May-21 15-May-21	14-May-21	751			02_0
EMPLOYER's CC		27	22-Iviar-21 29-Mar-21	20-Iviar-21 24-Apr-21	15-May-21 22-May-21	21-May-21 17-Jun-21	751			
O2_CBW2630	Submit Design Check Certificate to ER	7	29-Mar-21	04-Apr-21	22-May-21	28-May-21	751			
	ER Comment on the submitted CBWD DIGESTATE TANKS	14	05-Apr-21	18-Apr-21	29-May-21	11-Jun-21	751			
	ER Consented CBWD DIGESTATE TANKS	0		18-Apr-21	-	11-Jun-21	751			
	Submit Two Complete Sets CBWD DIGESTATE TANKS	3	19-Apr-21	21-Apr-21	12-Jun-21	14-Jun-21	751		_	
O2_CBW2660	Design Registered - CBWD DIGESTATE TANKS	3	22-Apr-21	24-Apr-21	15-Jun-21	17-Jun-21	751			
C7.4.3 - CBWD - B	BIOGAS CLEANING & STORAGE SYSTEM	94	01-Mar-21	03-Jul-21	01-Mar-21 A	03-Jul-21	211		_	
SUBMISSION		59	01-Mar-21	29-May-21	01-Mar-21 A	29-May-21	211			
O2_CBW2720	Prepare & Submit CBWD Biogas Cleaning & Storage System	59	01-Mar-21	29-May-21	01-Mar-21 A	29-May-21	211			
IC CHECKING &		35	30-May-21	03-Jul-21	30-May-21	03-Jul-21	211			
	IC Comment on the CBWD Biogas Cleaning & Storage System	14	30-May-21	12-Jun-21	30-May-21	12-Jun-21	211			
	Submit further information for the submitted CBWD Biogas Cleaning & Storage System	7	13-Jun-21	19-Jun-21	13-Jun-21	19-Jun-21	211	1		
	IC Certify CBWD Biogas Cleaning & Storage System	14 92	20-Jun-21 01-Mar-21	03-Jul-21 31-May-21	20-Jun-21 01-Apr-21	03-Jul-21 01-Jul-21	211 150			





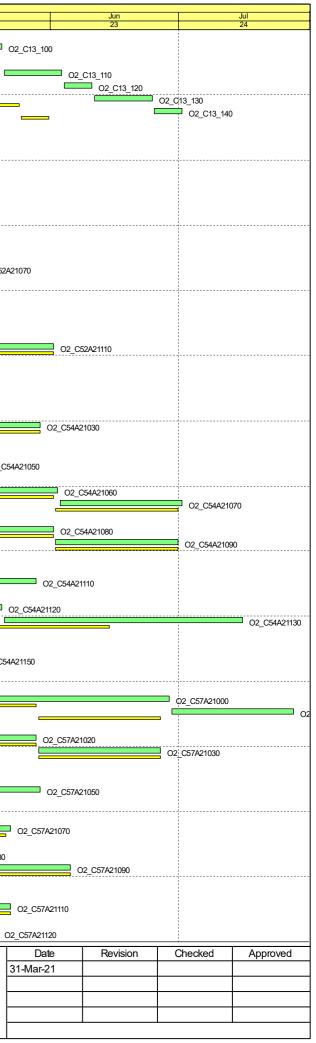


D	Activity Name	Original	Baseline Start	Baseline Finish	Start	Finish	Total			202
		Duration	Date	Date			Float	Mar 20	Apr 21	Ma 22
SUBMISSION		50	01-Mar-21	19-Apr-21	01-Apr-21	20-May-21	150			
02_C13_100	Prepare & Submit DDS for Composite Pipe Rack	50 42	01-Mar-21 20-Apr-21	19-Apr-21 31-May-21	01-Apr-21* 21-May-21	20-May-21 01-Jul-21	150 150			
O2_C13_110	IC Comment on the DDS for Composite Pipe Rack	42	20-Apr-21 20-Apr-21	03-May-21	21-May-21 21-May-21	03-Jun-21	150			
O2_013_110 O2_C13_120	Submit further information for the submitted DDS for Composite Pipe Rack	7	04-May-21	10-May-21	04-Jun-21	10-Jun-21	150			
O2_C13_130	IC Certify DDS for Composite Pipe Rack	14	11-May-21	24-May-21	11-Jun-21	24-Jun-21	150			·····
02_C13_140	Obtain Design Check Certificate for DDS for Composite Pipe Rack	7	25-May-21	31-May-21	25-Jun-21	01-Jul-21	150	Ĺ		
AGE 2 SUBMIS	SSIONS (Process Equipment)	260	10-Nov-20	30-Jun-21	10-Nov-20 A	27-Jul-21	711			
5.2 & C5.3 WA	STE RECEIVING & PRE-TREATMENT SYSTEMS	204	10-Nov-20	01-Jun-21	10-Nov-20 A	01-Jun-21	767			
Huning		171	10-Nov-20	21-Apr-21	10-Nov-20 A	29-Apr-21	800			
	Submit Stage 2 Equipment Submissions: Huning	134	10-Nov-20	23-Mar-21	10-Nov-20 A	26-Mar-21 A			\$ 52A21000	
O2_C52A21010	IC Approve Stage 2 Equipment Submission: Huning	29	24-Mar-21	21-Apr-21	01-Apr-21	29-Apr-21	800	\sim		O2_C52A21010
Eisele		29	01-Apr-21	29-Apr-21	01-Apr-21	29-Apr-21	270			_
	IC Approve Stage 2 Waste Receiving and Pre-Treatment Equipment Submission: Priority 2	29	01-Apr-21	29-Apr-21	01-Apr-21	29-Apr-21	270		×	O2_C52A21030
SUMA O2_C52A21050	IC Approve Stage 2 Equipment Submission: SUMA	29 29	01-Mar-21 01-Mar-21	29-Mar-21 29-Mar-21	01-Apr-21 01-Apr-21	29-Apr-21 29-Apr-21	214			02 053434050
RUNI/PRM	10 Approve Grage 2 Equipment Gubmission, Gonva	145	20-Dec-20	13-May-21	20-Dec-20 A	13-May-21	164			O2_C52A21050
O2 C52A21060	Submit Stage 2 Equipment Submissions: PRM	116	20-Dec-20	14-Apr-21	20-Dec-20 A	14-Apr-21	23		02 C52A210	160
O2 C52A21070		29	15-Apr-21	13-May-21	15-Apr-21	13-May-21	164			
		111	09-Jan-21	29-Mar-21	09-Jan-21 A	29-Apr-21	80			
O2_C52A21080	Submit Stage 2 Equipment Submissions: Wackerbauer	59	09-Jan-21	08-Mar-21	09-Jan-21 A	08-Mar-21 A		O2_C52A21080		
 O2_C52A21090		29	01-Mar-21	29-Mar-21	01-Apr-21	29-Apr-21	80			O2_C52A21090
Priority 3		62	01-Apr-21	01-Jun-21	01-Apr-21	01-Jun-21	146			
	Submit Stage 2 Waste Receiving and Pre-Treatment Equipment Submissions: Priority 3	28	01-Apr-21	28-Apr-21	01-Apr-21	28-Apr-21	94			O2_C52A21100
O2_C52A21110	IC Approve Stage 2 Waste Receiving and Pre-Treatment Equipment Submission: Priority 3	34	29-Apr-21	01-Jun-21	29-Apr-21	01-Jun-21	146			
	BIC DIGESTION TREATMENT SYSTEM	239	19-Nov-20	30-Jun-21	19-Nov-20 A	15-Jul-21	723			
SUMA		29	01-Mar-21	29-Mar-21	01-Apr-21	29-Apr-21	231			
	IC Approve Stage 2 Equipment Submission: SUMA	29	01-Mar-21	29-Mar-21	01-Apr-21	29-Apr-21	231			O2_C54A21010
AAT	O the it Ohmer O Free instant O the instance AAT	182	29-Nov-20	29-May-21	29-Nov-20 A	29-May-21	69			
_	Submit Stage 2 Equipment Submissions: AAT IC Approve Stage 2 Equipment Submission: AAT	153	29-Nov-20 01-May-21	30-Apr-21 29-May-21	29-Nov-20 A 01-May-21	30-Apr-21 29-May-21	51 69			O2_C54A21020
Wangen	ic Approve Grage 2 Equipment Gubinission. And	158	09-Dec-20	30-Apr-21	09-Dec-20 A	15-May-21	336		1	
O2 C54A21040	Submit Stage 2 Equipment Submissions: Wangen	114	09-Dec-20	01-Apr-21	09-Dec-20 A	16-Apr-21	51		02 C54A2	21040
O2_C54A21050		29	02-Apr-21	30-Apr-21	17-Apr-21	15-May-21	336			
Vogelsang		195	19-Dec-20	30-Jun-21	19-Dec-20 A	01-Jul-21	211			
O2_C54A21060	Submit Stage 2 Equipment Submissions: Vogelsang	165	19-Dec-20	01-Jun-21	19-Dec-20 A	02-Jun-21	51			
O2_C54A21070	IC Approve Stage 2 Equipment Submission: Vogelsang	29	02-Jun-21	30-Jun-21	03-Jun-21	01-Jul-21	211			
Flight		184	29-Dec-20	30-Jun-21	29-Dec-20 A	30-Jun-21	277			
O2_C54A21080	Submit Stage 2 Equipment Submissions: Flight	155	29-Dec-20	01-Jun-21	29-Dec-20 A	01-Jun-21	51			
	IC Approve Stage 2 Equipment Submission: Flight	29	02-Jun-21	30-Jun-21	02-Jun-21	30-Jun-21	277			
Priority 2		121	28-Jan-21	27-Apr-21	28-Jan-21 A	28-May-21	771			_
	Submit Stage 2 AD Equipment Submissions: Priority 2	61	28-Jan-21	29-Mar-21	28-Jan-21 A	29-Apr-21	51			O2_C54A21100
-	IC Approve Stage 2 AD Equipment Submission: Priority 2	29	30-Mar-21	27-Apr-21	30-Apr-21	28-May-21	771	-		_
Priority 3	Submit Stage 2 AD Equipment Submissions: Priority 3	159 72	07-Feb-21 07-Feb-21	14-Jun-21 19-Apr-21	07-Feb-21 A 07-Feb-21 A	15-Jul-21	723 51			
O2_C54A21120 O2_C54A21130	• • • • •	56	20-Apr-21	19-Apr-21 14-Jun-21	21-May-21	20-May-21 15-Jul-21	723			
Heating Coils	τον φριστο σταξό 27 το Εξαφητάτε σασπιασίη. Η τοπές σ	177	19-Nov-20	13-Apr-21	19-Nov-20 A	14-May-21	166			
O2 C54A21140	Submit Stage 2 Equipment Submissions: Heating Coils	117	19-Nov-20	15-Mar-21	19-Nov-20 A	15-Apr-21	166		02 C54A21	1140
O2 C54A21150		29	16-Mar-21	13-Apr-21	16-Apr-21	14-May-21	166			
-	RING AND GRANULATION SYSTEM	236	04-Dec-20	26-Jun-21	04-Dec-20 A	27-Jul-21	238			
Dorset		236	04-Dec-20	26-Jun-21	04-Dec-20 A	27-Jul-21	70			
	Submit Stage 2 Equipment Submissions: Dorset	176	04-Dec-20	28-May-21	04-Dec-20 A	28-Jun-21	2			
	IC Approve Stage 2 Equipment Submission: Dorset	29	29-May-21	26-Jun-21	29-Jun-21	27-Jul-21	70			
Huning		205	04-Dec-20	26-Jun-21	04-Dec-20 A	26-Jun-21	134			
O2_C57A21020		176	04-Dec-20	28-May-21	04-Dec-20 A	28-May-21	3			
O2_C57A21030	IC Approve Stage 2 Equipment Submission: Huning	29	29-May-21	26-Jun-21	29-May-21	26-Jun-21	134		1	
Borger		162	19-Dec-20	06-May-21	19-Dec-20 A	29-May-21	297			
O2_C57A21040		110	19-Dec-20	07-Apr-21	19-Dec-20 A	30-Apr-21	18			O2_C57A21040
02_C57A21050	IC Approve Stage 2 Equipment Submission: Borger	29	08-Apr-21	06-May-21	01-May-21	29-May-21	297			
Nfa Laval	Submit Stars 2 Equipment Submissions: Alfa Laval	140	03-Jan-21	21-May-21	03-Jan-21 A	22-May-21	218			0 057404000
O2_C57A21060 O2 C57A21070	•	110 29	03-Jan-21 23-Apr-21	22-Apr-21 21-May-21	03-Jan-21 A 24-Apr-21	23-Apr-21 22-May-21	218			02_C57A21060
Vangen	I ST WEITER STUDY & EQUIPTION & GUIDTING THE LEAVEN	139	18-Jan-21	05-Jun-21	18-Jan-21 A	05-Jun-21	210		. –	
D2 C57A21080	Submit Stage 2 Equipment Submissions: Wangen	110	18-Jan-21	07-May-21	18-Jan-21 A	07-May-21	31			02 0
O2_C57A21090		29	08-May-21	05-Jun-21	08-May-21	05-Jun-21	274			
rominent		110	02-Feb-21	22-May-21	02-Feb-21 A	22-May-21	302			
D2_C57A21100	Submit Stage 2 Equipment Submissions: Prominent	81	02-Feb-21	23-Apr-21	02-Feb-21 A	23-Apr-21	90		c	02_C57A21100
O2_C57A21110	IC Approve Stage 2 Equipment Submission: Prominent	29	24-Apr-21	22-May-21	24-Apr-21	22-May-21	302		_	
Priority 2		121	17-Feb-21	17-May-21	17-Feb-21 A	17-Jun-21	101			
)2_C57A21120	Submit Stage 2 Dewatering and Granulation Equipment Submissions: Priority 2	61	17-Feb-21	18-Apr-21	17-Feb-21 A	19-May-21	90			
	File Name: WP_03.2021-3M.03 Layout: ORRC2_WP_2021_3M Task filter: TASK filters: 3MK, 3MN, 3MRP.	Remaining Wolk Remaining Wolk (Ditical) Actual Wolk			0			ract No. EP/SP/86/ e Treatment Facilit		
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		Pirmary Baseline				~			1546	

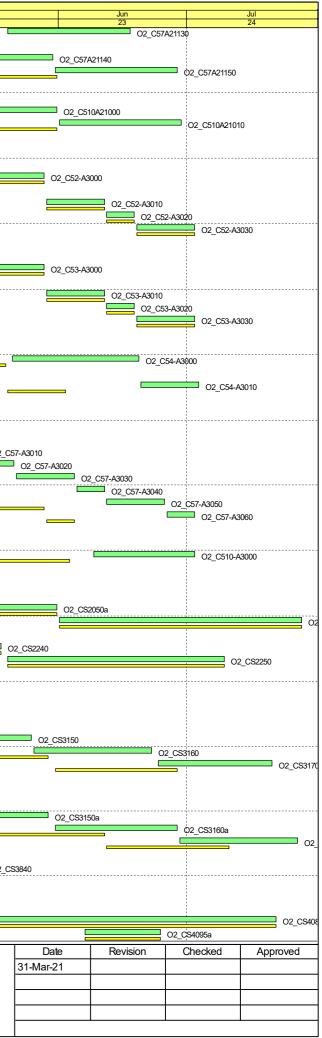
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Pimay Baseline **↓**

Works Programme 3rd Issue 3-Months Rolling Programme



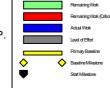
Activity	u ID	Activity Name	Original	Baseline Start	Baseline Finish	Start	Finish	Total			2021
/ totivity		round hand	Duration	Date	Date	Otar	1 mon	Float	Mar	Apr 21	May
	O2 C57A21130	IC Approve Stage 2 Dewatering and Granulation Equipment Submission: Priority 2	29	19-Apr-21	17-May-21	20-May-21	17-Jun-21	101	20	21	22
	Priority 3		89	04-Mar-21	31-May-21	01-Apr-21	28-Jun-21	90	\mathbf{N}		
		Submit Stage 2 Dewatering and Granulation Equipment Submissions: Priority 3	60	04-Mar-21	-	01-Apr-21		90	\mathbf{X}		
			29	03-May-21	02-May-21	31-May-21	30-May-21 28-Jun-21	90			_
		IC Approve Stage 2 Dewatering and Granulation Equipment Submission: Priority 3	121	-	31-May-21	01-Mar-21 A	29-Jun-21	90			
		L & INSTRUMENTATION WORKS		01-Mar-21	31-May-21			09			
	All Equipment S		121	01-Mar-21	31-May-21	01-Mar-21 A	29-Jun-21	89			
		Submit Stage 2 C&I Equipment Submissions:	61	01-Mar-21	30-Apr-21	01-Mar-21 A	31-May-21	89	(2
		IC Approve Stage 2 C&I Equipment Submission: Priority 2	29	03-May-21	31-May-21	01-Jun-21	29-Jun-21	89			
		SIONS (Process Installation)	94	04-Mar-21	02-Jul-21	01-Apr-21	03-Jul-21	202			
	C5.2 - STAGE 3 -	WASTE RECEIVING, STORAGE AND FEEDING SYSTEM	65	29-Apr-21	02-Jul-21	29-Apr-21	02-Jul-21	133			
	SUBMISSION		30	29-Apr-21	28-May-21	29-Apr-21	28-May-21	133			
	O2_C52-A3000	Stage 3 - Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A)	30	29-Apr-21	28-May-21	29-Apr-21	28-May-21	133			
	IC CHECKING 8	CERTIFICATION	35	29-May-21	02-Jul-21	29-May-21	02-Jul-21	133		-	
	O2 C52-A3010	IC Comment on the submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A)	14	29-May-21	11-Jun-21	29-May-21	11-Jun-21	133			
		Submit further information for the submitted Waste Receiving, Storage & Feeding System to IC (Clause 5.4.3.9, Sp	pecs A) 7	12-Jun-21	18-Jun-21	12-Jun-21	18-Jun-21	133			
		IC Comment on the re-submitted Waste Receiving, Storage & Feeding System (Clause 5.4.3.9, Specs A)	, 14	19-Jun-21	02-Jul-21	19-Jun-21	02-Jul-21	133			
		PRE-TREATMENT SYSTEM	65	29-Apr-21	02-Jul-21	29-Apr-21	02-Jul-21	94			
	SUBMISSION		30	29-Apr-21	28-May-21	29-Apr-21	28-May-21	94			
		Stage 3 - Pre-Treatment System (Clause 5.4.3.9, Specs A)	30	29-Apr-21	28-May-21	29-Apr-21	28-May-21	04			
			35		-		-	04		Ē	
				29-May-21	02-Jul-21	29-May-21	02-Jul-21	94			
		IC Comment on the submitted Pre-Treatment System (Clause 5.4.3.9, Specs A)	14	29-May-21	11-Jun-21	29-May-21	11-Jun-21	94			
		Submit further information for the submitted Pre-Treatment System to IC (Clause 5.4.3.9, Specs A)	7	12-Jun-21	18-Jun-21	12-Jun-21	18-Jun-21	94			
		IC Comment on the re-submitted Pre-Treatment System (Clause 5.4.3.9, Specs A)	14	19-Jun-21	02-Jul-21	19-Jun-21	02-Jul-21	94		1	
		UBMISSION - AD SYSTEM	44	20-Apr-21	02-Jun-21	21-May-21	03-Jul-21	51			
	SUBMISSION		30	20-Apr-21	19-May-21	21-May-21	19-Jun-21	51			
	O2_C54-A3000	Stage 3- Anaerobic Digestion Treatment System (Clause 5.4.3.9, Specs A)	30	20-Apr-21	19-May-21	21-May-21	19-Jun-21	51			
	IC CHECKING 8	CERTIFICATION	14	20-May-21	02-Jun-21	20-Jun-21	03-Jul-21	51			
	O2_C54-A3010	IC Comment on the submitted AD Treatment System (Clause 5.4.3.9, Specs A)	14	20-May-21	02-Jun-21	20-Jun-21	03-Jul-21	51	l		
	C5.7 - STAGE 3 -	GRANULATION SYSTEM	93	04-Mar-21	04-Jun-21	01-Apr-21	02-Jul-21	95			
	SUBMISSION		30	04-Mar-21	02-Apr-21	01-Apr-21	30-Apr-21	95			
		Stage 3 - Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	30	04-Mar-21	02-Apr-21	01-Apr-21	30-Apr-21	95			O2 C57-A3000
		CERTIFICATION	63	03-Apr-21	04-Jun-21	01-May-21	02-Jul-21	95		T	
		IC Comment on the submitted Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	14	03-Apr-21	16-Apr-21	01-May-21	14-May-21	95			02_C57-A
		Submit further information for the submitted Dewatering & Granulation Oystem (biddes 5.4.5.9, qccsrk)	7	17-Apr-21	23-Apr-21	15-May-21	21-May-21	95			
		IC Comment on the re-submitted Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	14	24-Apr-21	07-May-21	22-May-21	04-Jun-21	95			0
		Submit further information for the re-submitted Dewatering & Granulation System to IC (Clause 5.4.3.9, Specs A)	7	08-May-21	14-May-21	05-Jun-21	11-Jun-21	95			
								95			
		IC Certify Dewatering & Granulation System (Clause 5.4.3.9, Specs A)	14	15-May-21	28-May-21	12-Jun-21	25-Jun-21	95			
		Obtain Design Check Certificate & Method of Construction Check Certificate (Clause 5.4.3.11 & 5.4.3.12, Specs A)		29-May-21	04-Jun-21	26-Jun-21	02-Jul-21				
	C5.10 - STAGE 3	- C&I WORKS	24	11-May-21	03-Jun-21	09-Jun-21	02-Jul-21	203			
	SUBMISSION		24	11-May-21	03-Jun-21	09-Jun-21	02-Jul-21	203			
	_	Stage 3 - Control and Instrumentation Work (Clause 5.4.3.9, Specs A)	24	11-May-21	03-Jun-21	09-Jun-21	02-Jul-21	203			
		AND BUILDING WORKS	701	16-Dec-19	15-Nov-21	16-Dec-19 A	15-Nov-21	231			
F	RECEPTION BUILDI	NG (INCLUDING ADMINISTRATION BUILDING)	185	20-Nov-20	27-Jul-21	20-Nov-20 A	27-Jul-21	3			
	RC WORKS - RECE	PTION BUILDING @ GL SD-SJ/S1-S7 (INCLUDING VEHICLE WASHING AREA) (ZONE 1)	185	20-Nov-20	27-Jul-21	20-Nov-20 A	27-Jul-21	3			
	O2_CS2050a	Columns and Walls +38.325mPD	145	20-Nov-20	31-May-21	20-Nov-20 A	31-May-21	3			
	O2_CS2070a	Ground slab and beams to +38.625mPD	40	01-Jun-21	27-Jul-21	01-Jun-21	27-Jul-21	3			
	RC WORKS - ADMI	NISTRATION BUILDING @ GL SA-SD/S2-S7 (INCLUDING STARCASE AREA) (ZONE 1)	150	16-Dec-20	09-Jul-21	16-Dec-20 A	09-Jul-21	16			
	O2_CS2240	Ground Floor +38.625m (ind staircase area) +36.775mPD (Lift Pit)	114	16-Dec-20	18-May-21	16-Dec-20 A	18-May-21	16			02 0
	O2_CS2250	Columns, Wals and Slab to +43.225mPD (G/F) (incl staricase area)	36	20-May-21	09-Jul-21	20-May-21	09-Jul-21	16			
	-	TION TANKS (4 AD Tanks)	237	02-Dec-20	10-Jul-21	02-Dec-20 A	26-Jul-21	117			
		DATION (FIRST 2 TANKS) (ZONE 2)	237	02-Dec-20	10-Jul-21	02-Dec-20 A	26-Jul-21	117			
	O2 EM3130e	New Heating Plate Delivered	0		08-Mar-21		08-Mar-21 A		ጰ 08-Mar-21 A	J	
	-	New Heating Plate Delivered	170	02-Dec-20	28-Jun-21	02-Dec-20 A	20-Jul-21 A	21	♦ 00-IVIAI-2 I A	1	
	O2 CS3140	1st Lift of Chamber Wall for Tanks (5m height)	94	02-Dec-20 02-Dec-20	31-Mar-21	02-Dec-20 A		21			C2140
	-						23-Apr-21	21		02_C	:S3140
	O2_CS3150	2nd Lift of Chamber Wal for Tanks (5m height)	20	01-Apr-21	28-Apr-21	24-Apr-21	25-May-21	21	<mark> </mark>		
	O2_CS3160	3rd Lift of Chamber Wall for Tanks (5m height)	20	30-Apr-21	29-May-21	26-May-21	22-Jun-21	21			
	O2_CS3170	4th Lift of Chamber Wall for Tanks (5m height)	20	31-May-21	28-Jun-21	24-Jun-21	20-Jul-21	21		1	
		ORKS SECOND TANK (DIGESTER 2)	80	15-Mar-21	10-Jul-21	15-Mar-21 A	26-Jul-21	89			
	O2_CS3130	Second Mold on Site	0		15-Mar-21		15-Mar-21 A		👌 15-Mar-21 A	×	
	O2_CS3140a	1st Lift of Chamber Wall for Tanks (5m height)	20	16-Mar-21	13-Apr-21	16-Mar-21 A	28-Apr-21	89			O2_CS3140a
	O2_CS3150a	2nd Lift of Chamber Wal for Tanks (5m height)	20	14-Apr-21	13-May-21	30-Apr-21	29-May-21	89			
	O2_CS3160a	3rd Lift of Chamber Wall for Tanks (5m height)	20	14-May-21	11-Jun-21	31-May-21	28-Jun-21	89		1	
	O2_CS3170a	4th Lift of Chamber Wall for Tanks (5m height)	20	12-Jun-21	10-Jul-21	29-Jun-21	26-Jul-21	89			
E	BOUNDARY WALL (ZONE 2)	30	01-Mar-21	09-Apr-21	01-Apr-21	14-May-21	304			
	O2_CS3840	Backfilling	30	01-Mar-21	09-Apr-21	01-Apr-21	14-May-21	304			02_CS384
	GRANULATION BUI	DING & FACILITIES	155	21-Dec-20	21-Jul-21	21-Dec-20 A	21-Jul-21	2			
	SUBSTRUCTURE (GL NA-NI / N1-N7)	155	21-Dec-20	21-Jul-21	21-Dec-20 A	21-Jul-21	2			
	O2 CS4070	Construct Base Slab +31.050mPD	99	21-Dec-20	30-Apr-21	21-Dec-20 A	30-Apr-21	23			O2 CS4070
	O2_CS4080	Column and Wall up to +38.075mPD	56	04-May-21	21-Jul-21	04-May-21	21-Jul-21	2			
	O2_CS4095a	Tower Crane Erection	12	07-Jun-21	24-Jun-21	07-Jun-21	24-Jun-21	22			
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Δ		NT VENTURE Page 11 of 12	Stat Milestone				3-	Mon	ths Rolling Program	mme	



ty ID	Activity Name	Original Duration	Baseline Start Date	Baseline Finish Date	Start	Finish	Total Float	Mar 20	Apr 21	
EXTERNAL WO	RKS	519	16-Dec-19	15-Nov-21	16-Dec-19 A	15-Nov-21	172			
O2_CS6060	Standby Flare slab (incl. mini-piling)	379	16-Dec-19	06-May-21	16-Dec-19 A	06-May-21	172			02_C
O2_CS6110	Geotechnical Works (slope stabilization etc.)	140	07-May-21	15-Nov-21	07-May-21	15-Nov-21	172			
OTHER MAJOR	EQUIPMENT FABRICATION & DELIVERY	474	30-Mar-21	21-Jul-22	10-Apr-21	27-Jul-22	346			
O2_D9000	Procurement, Fabrication & Delivery of Pre-treatment Equipment (Summary of C52-P1280 to C53-P3200)	435	06-Apr-21	04-May-22	17-Apr-21	25-Jun-22	25			
02_D9005a	Procurement, Fabrication & Delivery of Walking Floor System (Summary of C52-P1200 to C52-P1260)	255	05-Apr-21	03-Oct-21	17-Apr-21	27-Dec-21	112			
D2_D9010a	Procurement, Fabrication & Delivery of Hammermills & Containments Press (Summary of C53-P5200 & C53-P4200)	280	30-Mar-21	22-Oct-21	17-Apr-21	21-Jan-22	23			
D2_D9020	Procurement, Fabrication & Delivery of Heating Coils for Digesters	180	27-Apr-21	23-Oct-21	15-May-21	10-Nov-21	166		_	
02_D9021a	Procurement, Fabrication & Delivery of Anaerobic Digestion Equipment (Summary of C54-P1200 to C54-P1220)	433	23-Apr-21	10-May-22	23-Apr-21	29-Jun-22	374			
	Procurement, Fabrication & Delivery of Gas Holders, Conditioning Plant & Asso. Equipment (C54-P2200 & C54-P2220)	474	10-Apr-21	29-Jun-22	10-Apr-21	27-Jul-22	346			
O2_D9030	Procurement & Fabrication of CHP Units	300	23-Apr-21	16-Feb-22	19-Jun-21	14-Apr-22	17			
O2_D9060a	Procurement, Fabrication & Delivery of Granulation Equipment (Summary of C57-P1200 to C57-P7210)	417	10-May-21	21-Jul-22	01-Jun-21	22-Jul-22	351		·	
D2_D9080	Procurement, Fabrication & Delivery of Centralized Air Pollution Control Equipment	240	03-Jun-21	28-Jan-22	10-Jun-21	04-Feb-22	79			
D2_D9100	Procurement, Fabrication & Delivery of Wastewater Treatment Equipment	260	08-Apr-21	23-Dec-21	19-May-21	02-Feb-22	46			
02_D9200a	Procurement & Fabrication of SCADA System & Asso. Control Panels / Consoles	230	13-Jun-21	28-Jan-22	13-Jun-21	28-Jan-22	103			
O2_D9250	Procurement, Fabrication & Delivery of Odour Control Ducts	240	03-Jun-21	28-Jan-22	10-Jun-21	04-Feb-22	9			
D2_D9360	Procurement, Fabrication & Delivery of Lifts	240	17-May-21	11-Jan-22	01-Jun-21	26-Jan-22	68			
D2_D9380	Procurement, Fabrication & Delivery of FS Equipment	240	12-Apr-21	07-Dec-21	31-May-21	25-Jan-22	139			
D2_D9400	Procurement, Fabrication & Delivery of Vehide Washing Plant	240	21-May-21	15-Jan-22	16-Jun-21	10-Feb-22	143		·	
D2_D9420	Procurement, Fabrication & Delivery of Weightbridge	240	21-May-21	15-Jan-22	16-Jun-21	10-Feb-22	62			
D2_D9450	Procurement, Fabrication & Delivery of Chemical Storage & Dosing System	180	08-Apr-21	04-Oct-21	19-May-21	14-Nov-21	601			
& MINSTALLAT	TION WORKS	426	17-Jul-20	25-Nov-21	17-Jul-20A	25-Nov-21	6			
D2_EM0020	Installation of Earth Mat - Granulation Bldg (before base slab)	426	17-Jul-20	25-Nov-21	17-Jul-20 A	25-Nov-21	6			
 D2_EM0030	Installation of Conseal Conduits	140	19-May-21	28-Oct-21	19-May-21	28-Oct-21	24			
TATUTORY INS	PECTION (FSD, WA, EMSD)	541	03-Aug-20	07-Dec-21	03-Aug-20 A	25-Jan-22	28			
NGI - EMSD		250	03-Aug-20	09-Apr-21	03-Aug-20 A	09-Apr-21	273			
O2 EM8520	Application for Construction Approval of NGI - Gas Holder (Form 104)	250	03-Aug-20	09-Apr-21	03-Aug-20 A	09-Apr-21	273		O2 EM8520	
-	AL PROTECTION - EPD	240	12-Apr-21	07-Dec-21	31-May-21	25-Jan-22	28			
O2 EM8930	EPD Submission & Approval for Air Pollution Control - Genset (Clause 2.4.13, Specs A)	240	12-Apr-21	07-Dec-21	31-May-21	25-Jan-22	28	_		



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Contract No. EP/SP/86/15 Organic Waste Treatment Facilities, Phase 2 Works Programme 3rd Issue 3-Months Rolling Programme

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Appendix E

Event and Action Plan



Event	Action			
	ET	IEC	ER	Contractor
Action Level Exceedance	 Notify IEC and Contractor; Carry out investigation; Report the results of investigation to the IEC and Contractor; Discuss with the Contractor and formulate remedial measures; Increase monitoring frequency to check mitigation effectiveness. 	 Review the investigation results submitted by the ET; Review the proposed remedial measures by the Contractor and advise the ER accordingly; Advise the ER on the effectiveness of the proposed remedial measures. 	 Confirm receipt of notification of exceedance in writing; Notify Contractor; In consultation with the IEC, agree with the Contrator on the remedial measures to be implemented; Supervise the implementation of remedial measures 	 Submit noise mitigation proposals to IEC; Implement noise mitigation proposals.
Limit Level Exceedance	 Inform IEC, ER, EPD and Contractor; Repeat measurements to confirm findings; Increase monitoring frequency; Identify source and investigate the cause of exceedance; Carry out analysis of Contractor's working procedures; Discuss with IEC, Contractor and ER on remedial measures required; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. 	1. Discuss amongst ER, ET Leader and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;	 Confirm receipt of notification of exceedance in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Supervise the implementation of remedial measures; If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes exceedance until the exceedance is abated. 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Submit further proposals if problem still not under control; Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Event and Action Plan for Construction Noise



Appendix F

Impact Monitoring Schedule of the Reporting Period and Coming Month



Impact Monitoring Schedule for reporting period – May 2021

Date		Noise Monitoring
	Date	(Leq30min)
Sat	1-May-21	
Sun	2-May-21	
Mon	3-May-21	
Tue	4-May-21	
Wed	5-May-21	
Thu	6-May-21	\checkmark
Fri	7-May-21	
Sat	8-May-21	
Sun	9-May-21	
Mon	10-May-21	
Tue	11-May-21	
Wed	12-May-21	\checkmark
Thu	13-May-21	
Fri	14-May-21	
Sat	15-May-21	
Sun	16-May-21	
Mon	17-May-21	
Tue	18-May-21	\checkmark
Wed	19-May-21	
Thu	20-May-21	
Fri	21-May-21	
Sat	22-May-21	
Sun	23-May-21	
Mon	24-May-21	\checkmark
Tue	25-May-21	
Wed	26-May-21	
Thu	27-May-21	
Fri	28-May-21	
Sat	29-May-21	
Sun	30-May-21	
Mon	31-May-21	

Remark:

Public Holiday or Sunday



Impact Monitoring Schedule for coming month – June 2021

Date		Noise Monitoring
	Date	(Leq30min)
Tue	1-Jun-21	
Wed	2-Jun-21	
Thu	3-Jun-21	
Fri	4-Jun-21	✓
Sat	5-Jun-21	
Sun	6-Jun-21	
Mon	7-Jun-21	
Tue	8-Jun-21	
Wed	9-Jun-21	
Thu	10-Jun-21	\checkmark
Fri	11-Jun-21	
Sat	12-Jun-21	
Sun	13-Jun-21	
Mon	14-Jun-21	
Tue	15-Jun-21	
Wed	16-Jun-21	\checkmark
Thu	17-Jun-21	
Fri	18-Jun-21	
Sat	19-Jun-21	
Sun	20-Jun-21	
Mon	21-Jun-21	
Tue	22-Jun-21	\checkmark
Wed	23-Jun-21	
Thu	24-Jun-21	
Fri	25-Jun-21	
Sat	26-Jun-21	
Sun	27-Jun-21	
Mon	28-Jun-21	✓
Tue	29-Jun-21	
Wed	30-Jun-21	

Remark:

Public Holiday or Sunday



Appendix G

Calibration Certificates of Equipment

 $Z: Jobs \\ 2019 \\ TCS01062 \\ (EP_SP_86_{15}) \\ 600 \\ Report Submission \\ Monthly Report \\ 2021 \\ May 2021 \\ R0150 \\ v1.docx \\ r0150 \\ v1.$



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C212414 證書編號

ITEM TESTED / 送檢功	百百	(Job No. / 序引編號:IC21-0728)	Date of Receipt / 收件日期: 13 April 2021
Description / 儀器名稱	:	Sound Level Calibrator (EQ085)	
Manufacturer / 製造商	:	Rion	
Model No. / 型號	:	NC-73	
Serial No. / 編號	:	10655561	
Supplied By / 委託者	:	Action-United Environmental Services and G	Consulting
		Unit A, 20/F., Gold King Industrial Building	, ,
		35-41 Tai Lin Pai Road, Kwai Chung, N.T.	

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Line Voltage / 電壓 : --- Relative Humidity / 相對濕度 : (50±25)%

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 25 April 2021

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.

The results do not exceed manufacturer's specification & user's specified acceptance criteria. The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies

:

- Fluke Everett Service Center, USA

Tested By 測試

سا	h
 m	\(.
ΗT	Wong

K C Lee Engineer

1

Assistant Engineer

Certified By 核證 Date of Issue 簽發日期 :

26 April 2021

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C212414 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 3 measurements at each calibration point.
- 3. Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL130	Universal Counter	C203952
CL281	Multifunction Acoustic Calibrator	AV210017
TST150A	Measuring Amplifier	C201309

- 4. Test procedure : MA100N.
- 5. Results :
- 5.1 Sound Level Accuracy

UUT	Measured Value	Mfr's Spec.	Uncertainty of Measured Value
Nominal Value	(dB)	(dB)	(dB)
94 dB, 1 kHz	94.0	± 0.5	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value	Measured Value	User's	Uncertainty of Measured Value
(kHz)	(kHz)	Spec.	(Hz)
1	0.955	$1 \text{ kHz} \pm 6 \%$	± 1

Remarks : - The user's specified acceptance criteria (user's spec.) is a customer pre-defined operating tolerance of the UUT, suitable for one's own intended use.

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204289 證書編號

ITEM TESTED / 送檢項目	(Job No. / 序引編號:IC20-1324)	Date of Receipt / 收件日期: 30 July 2020
Description / 儀器名稱 :	Sound Calibrator (EQ086)	
Manufacturer / 製造商 :	Rion	
Model No. / 型號 :	NC-74	
Serial No. / 編號 :	34657230	
Supplied By / 委託者 :	Action-United Environmental Services and	Consulting
	Unit A, 20/F., Gold King Industrial Building	g,
	35-41 Tai Lin Pai Road, Kwai Chung, N.T.	

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Line Voltage / 電壓 : --- Relative Humidity / 相對濕度 : (50±25)%

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 2 August 2020

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only. The results do not exceed manufacturer's specification. The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies

:

- Fluke Everett Service Center, USA

Tested By 測試

K C Lee Engineer

H T Wong Assistant Engineer

Certified By 核證 Date of Issue 簽發日期

:

3 August 2020

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited - Calibration & Testing Laboratory c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 - 校正及檢測實驗所 c/o 香港新界屯門興安里一號四樓 Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com Page 1 of 2



Certificate of Calibration 校正證書

Certificate No. : C204289 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 3 measurements at each calibration point.
- 3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C203952
CL281	Multifunction Acoustic Calibrator	CDK1806821
TST150A	Measuring Amplifier	C201309

- 4. Test procedure : MA100N.
- 5. Results :
- 5.1 Sound Level Accuracy

UUT	Measured Value	Mfr's Spec.	Uncertainty of Measured Value
Nominal Value	(dB)	(dB)	(dB)
94 dB, 1 kHz	94.1	± 0.3	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value	Measured Value	Mfr's	Uncertainty of Measured Value
(kHz)	(kHz)	Spec.	(Hz)
1	1.002	$1 \text{ kHz} \pm 1 \%$	± 1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204359 證書編號

ITEM TESTED / 送檢马	百百	(Job No. / 序引編號:IC20-1324)	Date of Receipt / 收件日期: 30 July 2020
Description / 儀器名稱	:	Sound Level Meter (EQ013)	
Manufacturer / 製造商	:	Rion	
Model No. / 型號	:	NL-52	
Serial No. / 編號	:	00921191	
Supplied By / 委託者	:	Action-United Environmental Services and Co	onsulting
		Unit A, 20/F., Gold King Industrial Building,	
		35-41 Tai Lin Pai Road, Kwai Chung, N.T.	

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Line Voltage / 電壓 : --- Relative Humidity / 相對濕度 : (50 ± 25)%

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 5 August 2020

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only. The results do not exceed manufacturer's specification. The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試

K P Cheuk

Assistant Engineer

K C Lee Engineer

Certified By 核證 Date of Issue 簽發日期 :

11 August 2020

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited – Calibration & Testing Laboratory c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 - 校正及檢測實驗所 c/o 香港新界屯門興安里一號四樓 Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204359 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- 2. Self-calibration was performed before the test.
- 3. The results presented are the mean of 3 measurements at each calibration point.
- 4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C200258
CL281	Multifunction Acoustic Calibrator	CDK1806821

- 5. Test procedure : MA101N.
- 6. Results :
- 6.1 Sound Pressure Level
- 6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT	IEC 61672
Range	Function	Frequency	Time	Level	Freq.	Reading	Class 1 Spec.
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)
30 - 130	L _A	Α	Fast	94.00	1	93.6	± 1.1

6.1.2 Linearity

	UU	Г Setting	Applie	d Value	UUT	
Range	Function	Frequency	Time	Level	Freq.	Reading
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)
30 - 130	L _A	А	Fast	94.00	1	93.6 (Ref.)
				104.00		103.6
				114.00		113.6

IEC 61672 Class 1 Spec. : \pm 0.6 dB per 10 dB step and \pm 1.1 dB for overall different.

6.2 Time Weighting

UUT Setting				Applied Value		UUT	IEC 61672
Range	Function	Frequency	Time	Level	Freq.	Reading	Class 1 Spec.
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)
30 - 130	L _A	А	Fast	94.00	1	93.6	Ref.
			Slow			93.6	± 0.3

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Certificate of Calibration 校正證書

Certificate No. : C204359 證書編號

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting			Applied Value		UUT	IEC 61672	
Range	Function	Frequency	Time	Level	Freq.	Reading	Class 1 Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
30 - 130	L_A	A	Fast	94.00	63 Hz	67.3	-26.2 ± 1.5
					125 Hz	77.4	-16.1 ± 1.5
					250 Hz	84.9	-8.6 ± 1.4
					500 Hz	90.3	-3.2 ± 1.4
					1 kHz	93.6	Ref.
					2 kHz	94.8	$+1.2 \pm 1.6$
					4 kHz	94.6	$+1.0 \pm 1.6$
					8 kHz	92.5	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.1	-4.3 (+3.0 ; -6.0)

6.3.2 C-Weighting

UUT Setting			Applied Value		UUT	IEC 61672	
Range	Function	Frequency	Time	Level	Freq.	Reading	Class 1 Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
30 - 130	L _C	С	Fast	94.00	63 Hz	92.8	-0.8 ± 1.5
					125 Hz	93.4	-0.2 ± 1.5
					250 Hz	93.6	0.0 ± 1.4
					500 Hz	93.6	0.0 ± 1.4
					1 kHz	93.6	Ref.
					2 kHz	93.4	-0.2 ± 1.6
					4 kHz	92.8	-0.8 ± 1.6
					8 kHz	90.6	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.2	-6.2 (+3.0 ; -6.0)

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Certificate of Calibration 校正證書

Certificate No. : C204359 證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 12910

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :	94 dB :	63 Hz - 125 Hz	: ± 0.35 dB
			$\pm 0.30 \text{ dB}$
		1 kHz	$\pm 0.20 \text{ dB}$
		2 kHz - 4 kHz	$\pm 0.35 \text{ dB}$
		8 kHz	$\pm 0.45 \text{ dB}$
		12.5 kHz	$\pm 0.70 \text{ dB}$
	104 dB :	1 kHz	$\pm 0.10 \text{ dB}$ (Ref. 94 dB)
	114 dB :	1 kHz	$\pm 0.10 \text{ dB}$ (Ref. 94 dB)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204364 證書編號

	ITEM TESTED / 送檢功	頁目	(Job No./序引編號:IC20-1324)	Date of Receipt / 收件日期: 30 July 2020			
	Description / 儀器名稱	:	Integrating Sound Level Meter (EQ006)				
	Manufacturer / 製造商	:	Brüel & Kjær				
	Model No. / 型號	:	2238				
	Serial No. / 編號	:	2285762				
	Supplied By / 委託者	:	Action-United Environmental Services and C	onsulting			
Un			Unit A, 20/F., Gold King Industrial Building,				
			35-41 Tai Lin Pai Road, Kwai Chung, N.T.				

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Line Voltage / 電壓 : --- Relative Humidity / 相對濕度 : (50 ± 25)%

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 5 August 2020

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only. The results do not exceed manufacturer's specification. The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies

:

- Fluke Everett Service Center, USA

Tested By 測試

:	Chenk

K P Cheuk Assistant Engineer

> K C Lee Engineer

Certified By 核證 Date of Issue 簽發日期 :

11 August 2020

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited – Calibration & Testing Laboratory c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 - 校正及檢測實驗所 c/o 香港新界屯門興安里一號四樓 Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No.: C204364 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- 2. Self-calibration using laboratory acoustic calibrator was performed before the test from 6.1.1.2 to 6.4.
- 3. The results presented are the mean of 3 measurements at each calibration point.
- 4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C200258
CL281	Multifunction Acoustic Calibrator	CDK1806821

- 5. Test procedure : MA101N.
- 6. Results :
- 6.1 Sound Pressure Level
- 6.1.1 Reference Sound Pressure Level
- 6.1.1.1 Before Self-calibration

	UUT S	Setting	Applied	Value	UUT			
Range Parameter Frequency Time				Level	Freq.	Reading		
(dB) Weighting Weig			Weighting	(dB)	(kHz)	(dB)		
50 - 130	L _{AFP}	А	94.00	1	94.2			

6.1.1.2 After Self-calibration

	UUT	Setting		Applie	d Value	UUT	IEC 60651
Range	Parameter	Frequency	Time	Level Freq.		Reading	Type 1 Spec.
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)	(dB)
50 - 130	L_{AFP}	A	F	94.00	1	94.0	± 0.7

6.1.2 Linearity

	UU	Γ Setting	Applied	d Value	UUT	
Range	Parameter	Frequency	Time	Level	Freq.	Reading
(dB)		Weighting	Weighting	(dB)	(kHz)	(dB)
50 - 130	L_{AFP}	Α	F	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

IEC 60651 Type 1 Spec. : \pm 0.4 dB per 10 dB step and \pm 0.7 dB for overall different.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204364 證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

	, , , , , , , , , , , , , , , , , , ,								
	UUT	Setting		Applied Value		UUT	IEC 60651		
Range	Parameter	Frequency	Time	Level	Level Freq.		Type 1 Spec.		
(dB)	(dB) Weighting Weighting		(dB)	(kHz)	(dB)	(dB)			
50 - 130	L _{AFP}	Α	F	94.00 1		94.0	Ref.		
	L _{ASP} S				94.0	± 0.1			
	L _{AIP} I				94.1	± 0.1			

6.2.2 Tone Burst Signal (2 kHz)

	UUT	Setting		Applied Value		UUT	IEC 60651
Range	Parameter	Frequency	Time	Level	Burst	Reading	Type 1 Spec.
(dB)		Weighting	Weighting	(dB)	Duration	(dB)	(dB)
30 - 110	L _{AFP}	А	F	106.0	106.0 Continuous		Ref.
	L _{AFMax}				200 ms	105.0	-1.0 ± 1.0
	L _{ASP}		S	Continuous		106.0	Ref.
	L _{ASMax}				500 ms	102.0	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

		Setting		Appl	ied Value	UUT	IEC 60651
Range	Parameter	Frequency	Time	Level	Freq.	Reading	Type 1 Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
50 - 130	L _{AFP}	А	F	94.00	31.5 Hz	55.1	-39.4 ± 1.5
					63 Hz	68.0	-26.2 ± 1.5
					125 Hz	77.9	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.8	-3.2 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	95.2	$+1.2 \pm 1.0$
					4 kHz	95.0	$+1.0 \pm 1.0$
					8 kHz	92.9	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



輝創工程有限公司 Sun Creation Engineering Limited

Calibration & Testing Laboratory

Certificate of Calibration 校正證書

Certificate No. : C204364 證書編號

6.3.2 C-Weighting

		Setting		Applied Value		UUT	IEC 60651
Range	Parameter	Frequency	Time	Level	Freq.	Reading	Type 1 Spec.
(dB)		Weighting	Weighting	(dB)		(dB)	(dB)
50 - 130	L _{CFP}	С	F	94.00	31.5 Hz	91.4	-3.0 ± 1.5
					63 Hz	93.3	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.0
					250 Hz	94.0	0.0 ± 1.0
					500 Hz	94.0	0.0 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	93.8	-0.2 ± 1.0
					4 kHz	93.2	-0.8 ± 1.0
					8 kHz	91.0	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.8	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

	UUI	Setting		Applied Value					UUT	IEC 60804
Range	Parameter	Frequency	Integrating	Frequency	Burst	Burst	Burst	Equivalent	Reading	Type 1
(dB)		Weighting	Time	(kHz)	Duration	Duty	Level	Level	(dB)	Spec.
					(ms)	Factor	(dB)	(dB)		(dB)
30 - 110	L _{Aeq}	А	10 sec.	4	1	1/10	110.0	100	100.0	± 0.5
						1/10 ²		90	90.0	± 0.5
			60 sec.			1/10 ³		80	79.2	± 1.0
			5 min.			1/104		70	69.2	± 1.0

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2658547

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :	94 dB : 31.5 Hz - 125 Hz 250 Hz - 500 Hz 1 kHz 2 kHz - 4 kHz 8 kHz 12.5 kHz 104 dB : 1 kHz 114 dB : 1 kHz Burst equivalent level	: ± 0.30 dB : ± 0.20 dB
------------------------------------	--	----------------------------

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.



Appendix H

Database of Monitoring Results

 $Z:\label{eq:loss} 2019\TCS01062(EP_SP_86_15)\600\Report\Submission\Monthly\Report\2021\May\2021\R0150v1.docx$



Daytime No	oise M	leasure	ment F	Results ((dB) of	N1															
	Stant	1st	Leq (51	min)	2nd	Leq (5)	min)	3rd	Leq (5)	min)	4th	Leq (51	min)	5th	Leq (51	min)	6th	Leq (5	min)	Log20min	Facade
	Start Time		L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq30min, dB(A)	Correction
	Inne	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	uD(A)	Correction
6-May-21	9:16	58.6	58.5	47.5	49.9	51.0	48.0	49.4	51.0	47.5	50.2	51.0	48.5	51.0	52.0	49.5	53.2	56.5	49.0	53.5	56.5
12-May-21	9:18	61.0	63.5	49.5	57.2	61.0	50.0	58.1	58.5	49.0	54.4	56.5	50.5	51.6	52.0	48.0	51.7	53.5	48.5	57.0	60.0
18-May-21	11:16	54.6	56.0	52.5	53.3	54.5	51.5	56.5	59.5	53.0	56.3	58.5	53.0	61.1	63.5	55.0	59.0	61.0	54.5	57.6	60.6
24-May-21	11:38	62.7	55.0	49.3	64.1	60.9	49.5	65.1	69.5	49.4	55.2	60.3	49.3	58.1	61.7	50.4	73.7	70.2	46.9	67.3	70.3

Daytime No	oise M	easure	ment F	Results (dB) of	N2a															
	C4a m4	1st	Leq (5)	min)	2nd	Leq (5	min)	3rd	Leq (5)	min)	4th	Leq (51	min)	5th	Leq (51	min)	6th	Leq (5	min)	T. a. a. 20 !	Distance &
Data	Start Time	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq30min, dB(A)	Façade
	Ime	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	uD(A)	Correction
6-May-21	10:02	64.1	64.5	61.5	64.6	66.5	61.5	63.0	64.0	61.5	62.3	63.0	61.0	63.7	65.0	62.0	64.1	65.5	61.5	63.7	67.7
12-May-21	9:55	51.8	54.0	49.0	52.1	54.0	49.5	52.1	54.0	49.5	52.6	54.5	49.5	50.9	52.0	49.0	52.6	55.0	49.5	52.1	56.1
18-May-21	10:36	53.1	55.0	50.0	54.9	57.0	51.0	55.7	55.0	50.0	56.7	60.0	50.5	54.0	56.5	49.0	56.8	60.0	50.0	55.4	59.4
24-May-21	13:00	68.4	63.5	56.5	54.5	57.0	48.5	50.0	52.5	45.5	53.5	56.5	47.5	51.8	54.5	46.5	52.0	55.0	45.5	61.2	65.2

Daytime No	ise Me	asuren	nent Re	sults (d	B) of N	N3a															
	Start	1st	Leq (51	nin)	2nd	Leq (5	min)	3rd	Leq (5	min)	4th	Leq (51	nin)	5th	Leq (51	min)	6th	Leq (51	min)	Log20min	Distance &
Date	Time	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq30min, dB(A)	Façade
	Time	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	uD(A)	Correction
6-May-21	10:43	69.1	70.5	65.5	68.6	71.5	65.0	64.8	66.5	62.5	65.6	69.5	60.0	64.2	65.5	63.0	64.1	66.0	60.0	66.6	72.6
12-May-21	10:33	61.2	63.5	52.5	60.4	64.0	53.0	59.0	62.5	52.0	58.4	62.0	53.0	58.1	61.5	53.0	59.2	62.5	54.0	59.5	65.5
18-May-21	9:57	67.8	68.5	47.0	53.8	57.5	46.5	53.4	55.5	45.5	55.7	57.5	49.0	56.8	59.0	50.0	55.9	57.5	48.5	61.1	67.1
24-May-21	10:47	58.1	61.5	53.0	54.3	56.5	51.0	56.7	56.5	49.0	57.4	60.5	50.5	75.6	77.5	51.0	60.0	62.0	54.0	68.2	74.2

Daytime No	oise M	leasure	ment R	Results ((dB) of	N4															
	Stant	1st	Leq (51	min)	2nd	Leq (5	min)	3rd	Leq (5)	min)	4th	Leq (5)	min)	5th	Leq (51	min)	6th	Leq (5	min)	Log20min	Façade
Linto	Start Time	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq,	L10,	L90,	Leq30min, dB(A)	Correction
	Ime	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	dB(A)	uD(A)	Correction
6-May-21	11:28	64.0	66.5	60.5	61.9	63.5	60.0	63.9	65.5	62.0	63.6	64.5	62.5	64.1	65.5	62.0	63.5	66.0	61.0	63.6	66.6
12-May-21	11:11	67.4	59.5	49.5	55.4	57.5	49.0	53.7	56.5	49.5	53.1	56.5	48.5	54.8	58.0	50.0	55.7	57.0	49.0	60.6	63.6
18-May-21	9:21	59.4	61.5	53.5	65.8	52.5	53.5	64.0	62.0	54.0	58.1	61.5	53.5	57.7	61.5	53.5	58.7	62.0	53.5	61.8	64.8
24-May-21	13:02	63.4	60.8	50.0	53.2	53.5	49.3	54.9	55.8	49.5	50.9	52.1	48.9	57.8	52.3	49.0	61.6	53.1	48.5	59.1	62.1

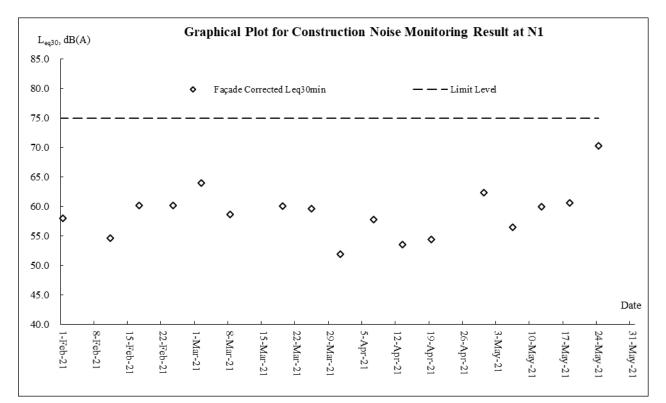


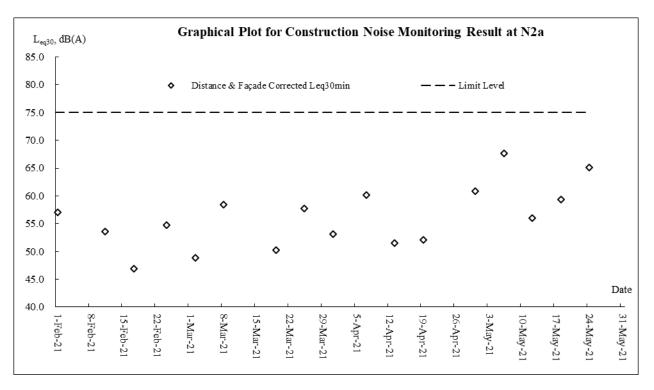
Appendix I

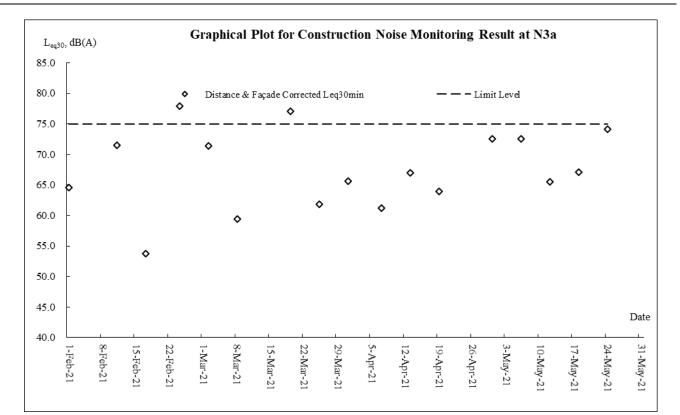
Graphical Plots of Monitoring Results



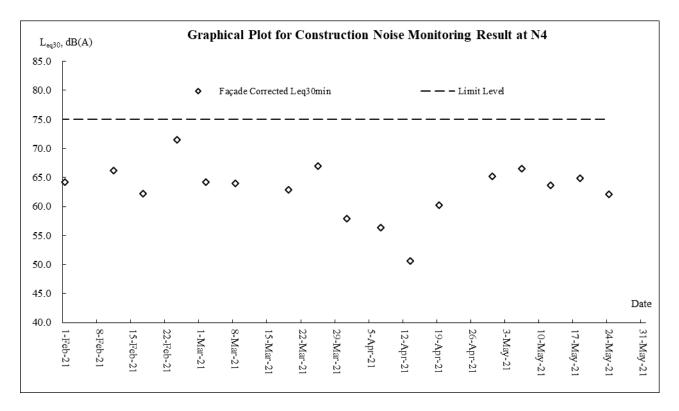
Construction Noise







AUES





Appendix J

Waste Flow Table

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Monthly Summary Waste Flow Table for May 2021

Version: 0

	Actu	al Quantitie	s of Inert Ca	&D Materials	Generated 1	Monthly	Actua	al Quantity of	C&D Wast	es Generated	Monthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete		Reused in other Projects (see Note 10)	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging (see Notes 4)	Plastics (see Notes 2 &4)	Chemical Waste	Others, eg. general refuse
	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m3)
sub-total up to 2020	87.905	0.000	0.000	82.531	5.209	0.165	317.086	1.174	0.045	0.000	0.343
Jan-21	0.084	0.000	0.000	0.000	0.016	0.068	0.000	0.000	0.000	0.000	0.007
Feb-21	0.014	0.000	0.000	0.000	0.014	0.000	20.400	0.013	0.651	0.000	0.007
Mar-21	0.008	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.022
Apr-21	0.023	0.000	0.000	0.000	0.023	0.000	0.000	0.051	0.000	0.000	0.034
May-21	0.036	0.000	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.043
Jun-21											
Sub total (since 2019)	88.070	0.000	0.000	82.531	5.306	0.233	337.486	1.238	0.696	0.000	0.456
Jul-21											
Aug-21											
Sep-21											
Oct-21											
Nov-21											
Dec-21											
Total (since 2019)	88.070	0.000	0.000	82.531	5.306	0.233	337.486	1.238	0.696	0.000	0.456



Appendix K

Environmental Mitigation Implementation Schedule (Extracted from EM&A Manual)



					Imp	lementa	ation S	tage ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
Air Qua	lity Impact	(Construction)							
3.8.1.1	2.4	General Dust Control Measures Dust emissions could be suppressed by regular water spraying on site. In general, water spraying twice a day could reduce dust emission from active construction area by 50%. However, for the Project more frequent water spraying is proposed. Watering eight times per day, or once every 1.5 hours, is suggested at all active works areas in order to achieve a higher dust suppression efficiency of 87.5%.	Within construction site / Duration of the construction phase	Contractor		~			EIA Recommendation and Air Pollution Control (Construction Dust) Regulation
3.8.1.2	2.4	Best Practice For Dust Control	Within construction site /	Contractor		\checkmark			EIA
		The relevant best practices for dust control as stipulated in the <i>Air Pollution Control (construction Dust) Regulation</i> should be adopted to further reduce the construction dust impacts of the Project. These best practices include: <i>Good Site Management</i>	Duration of the construction phase						Recommendation and Air Pollution Control (Construction Dust) Regulation
		 Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain a high standard of housekeeping to prevent emissions of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be carried out in a manner maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning. Disturbed Parts of the Roads 							
		 Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or 							
		 Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road 							

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					Imp	lementa	tion St	age ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		surface wet.					•		
		Exposed Earth							
		Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seating with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.							
		Loading, Unloading or Transfer of Dusty Materials							
		 All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet. 							
		Debris Handling							
		 Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides. 							
		 Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped. 							
		Transport of Dusty Materials							
		 Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards. 							
		Wheel washing							
		 Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 							
		Use of vehicles							
		 The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site. 							
		 Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. 							
		 Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely 							



					Impl	ementa	tion St	age ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle.		•					•
		Site hoarding							
		Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit.							
Air Qual	ity Impact	(Operation)							
3.8.2	2.3	Odour patrol at site boundary of the Project	Site boundary / During operation stage (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)	OWTF Operator	~		~		EIAO-TM
3.8.2	2.4	Install gas cleaning equipment and stack on the CHP and odour treatment unit	CHP and odour treatment unit	Design Consultant / OWTF Operator	√		~		EIA Recommendation
		The preliminary design suggests the use of a two stage process involving either a biofilter or Ultraviolet Light (UV-C) together with ozone treatment as the first stage, and an activated carbon filter as the second stage for the odour treatment unit. It is recommended to install the UV-C and ozone treatment system with second stage active carbon filters as this has a lower footprint requirement than the biofilter option. However, the actual unit installed depends on the final design by the contractor in the design phase.							
		 The preliminary design incorporates a combination of thermal and catalytic treatment processes to remove pollutants from the exhaust gasses from the CHP. 							
		 Both the odour treatment unit and the CHP emissions are suggested to be directed to a flue to aid the dispersion and minimise effects on ASRs. 							

					Incom	lamant	tion C	iono1	
						lementa			
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
4.9	3.2	The HA has assumed that the following "Good Practices" and "recommended design measures" for the safe operation of OWTF 2 shall be carried out as far as reasonably practicable:	During design and operation phases	Design Consultant / OWTF Operator	~		~		EIAO & EIAO TM Annex 4
		 The process plant building will be provided with adequate number of gas detectors distributed over the various areas of potential leak sources to provide adequate coverage. 							
		 All electrical equipment inside the building will be classified in accordance with the electrical area classification requirements. No unclassified electrical equipment will be used during operations or maintenance. 							
		Reference can be made to Codes of Practice and guidance issued in Europe that applies to places where explosive atmospheres may occur (called 'ATEX' requirements). These are covered as part of the European Directive: the Explosive Atmospheres Directive (99/92/EC) and the UK regulations, Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR). Where potentially explosive atmospheres may occur in the workplace, the requirements include, identifying and classifying (zoning) areas where potentially explosive atmospheres may occur; avoiding ignition sources in zoned areas, in particular those from electrical and mechanical equipment; where necessary, identifying the entrances to zoned areas; providing appropriate anti-static clothing for employees; and before they come into operation, verifying the overall explosion protection safety of areas where explosive atmospheres may occur.							
		 All safety valves design shall take into account discharging any released fluid to a safe location, or stopping misdirection of fluid flows in order to avoid hazardous outcome. 							
		 Safety markings and crash barriers will be provided to the aboveground piping, digesters and the gas holder near the entrance. 							
		 Lightning protection installations will be installed following IEC 62305, BS EN 62305, AS/NZS 1768, NFPA 780 or equivalent standards. 							
		A 10m high boundary wall with fire resistance will be							



					Imp	lementa	tion St	age ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		provided in the vicinity of the digester tanks, gasholders and gas purification equipment to protect the equipment against external fires, and to provide some protection to external areas from the effects of fire/explosion.							
		Suitable fire extinguishers will be provided within the site. An External Water Spray System (EWSS) will be installed in appropriate areas, such as around the gasholders, gas purification, desulphurisation units, and digester areas. The facilities will also be equipped with fire and gas detection system and fire suppression system. Stringent procedures are implemented to prohibit smoking or naked flames to be used on-site.							
		 Fixed crash barriers will be provided in areas where process equipment is adjacent to the internal roadway to protect against vehicle collision. Adequate warning signage and lighting will also be provided and maximum speed limit will also be in place. 							
Noise I	mpact (Con	struction)	·	•	•			•	•
5.9.1	4.2.7	Good Site Practice Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:	Within construction site / During construction phase	Contractor	·	~			EIAO, EIAO-TM and Noise Contro Ordinance
		 only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works; 							
		 machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum; 							
		 plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs; 							
		 mobile plant should be sited as far away from NSRs as possible; and 							
		 material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site 							



					Imp	lementa	ation St	tage ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		construction activities.							
5.9.1	4.2.7	Selection of Quieter PME The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and British Standard, namely <i>Noise Control on Construction and Open</i> <i>Sites, BS 5228: Part 1: 2009</i> . It should be noted that the silenced PME selected for assessment can be found in Hong Kong.	Within construction site / During construction phase	Contractor		√			EIAO, EIAO-TM and Noise Control Ordinance
5.9.1	4.2.7	Use of Movable Noise Barriers Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.	Within construction site / During construction phase	Contractor		~			EIAO, EIAO-TM and Noise Control Ordinance
5.9.1	4.2.7	Use of Noise Enclosure/ Acoustic Shed The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and generator. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No.9/2010.	Within construction site / During construction phase	Contractor		~			EIAO, EIAO-TM and Noise Control Ordinance
5.9.1	4.2.7	Use of Noise Insulating Fabric Noise insulating fabric can also be adopted for certain PME (e.g. pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR- 127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.	Within construction site / During construction phase	Contractor		√			EIAO, EIAO-TM and Noise Control Ordinance
Noise II	mpact (Ope	ration)							
5.9.2	4.2.7	 Fixed Plant Noise Specification of the maximum allowable sound power levels of the proposed fixed plants should be followed. The following noise reduction measures should be considered as far as practicable during operation: Choose quieter plant such as those which have been effectively silenced; 	Within construction site / During operation phase / Throughout operation phase	Design Consultant / Contractor	~		~		EIAO, EIAO-TM and Noise Control Ordinance



					Imp	lementa	ation S	tage ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		 Include noise levels specification when ordering new plant (including chillier and E/M equipment); 				•		•	
		 Locate fixed plant/louver away from any NSRs as far as practicable; 							
		 Locate fixed plant in walled plant rooms or in specially designed enclosures; 							
		 Locate noisy machines in a completely separate building; 							
		 Install direct noise mitigation measures including silencers, acoustic louvers and acoustic enclosure where necessary; and 							
		 Develop and implement a regularly scheduled plant maintenance programme so that equipment is properly operated and serviced in order to maintain a controlled level of noise. 							
Water Q	uality Impa	act (Construction)	•	•	•				•
6.8.1.1	5.3	Construction site runoff	Within construction site /	Contractor		~			ProPECC Note
		The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:	Duration of the construction phase						PN 1/94
		At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the Contractor prior to the commencement of construction;							
		 Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt 							

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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the Contractors prior to the commencement of construction.							
		All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.							
		Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.							
		All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.							
		 Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system. 							
		 Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into 							



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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines		
		foul sewers.									
		Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.									
		Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries.									
6.8.1.2	5.3	General construction activities	Within construction site /	Contractor		\checkmark			ProPECC Note		
		Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used.	During construction phase						PN 1/94		
6.8.1.3	5.3	Excavation works	Within construction site /	Contractor		\checkmark			ProPECC Note		
		The construction programme should be properly planned to minimise excavation works during the wet season (April to September), temporarily exposed slope/soil surfaces should be covered by a tarpaulin or other means, as far as practicable. Interception channels should be provided (e.g. along the crest/edge of the excavation) to prevent storm runoff from washing across exposed soil surfaces. Arrangements should be in place to ensure that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm. Other measures that need to be implemented before, during and after rainstorms are summarized in ProPECC PN 1/94.	During construction phase						PN 1/94		
6.8.1.4	5.3	Accidental spillage	Within construction site /	Contractor		~		•	ProPECC Note		
		 The Contractor should register as a chemical waste producer 	During construction phase						PN 1/94 and Waste Disposal		



					Impler	Implementation Stage ¹			
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		if chemical wastes are produced from 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.							Ordinance
		 Maintenance of vehicles and equipment, involving activities with potential for leakage and spillage, should only be undertaken within areas appropriately equipped to control these discharges. 							
		Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.							
		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 labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents. 							
		 Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area. 							
6.8.1.5	5.3	Sewage effluent from construction workforce Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be	Within construction site / During construction phase	Contractor		√			ProPECC Note PN 1/94



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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines	
		responsible for appropriate disposal and maintenance.							-	
Water G	uality Impa	act (Operation)								
6.8.2.1	5.3	Sewage effluent and sewerage impact	Within construction site /	Design Consultant	\checkmark		\checkmark		EIA	
		In order to minimise the risk of exceeding capacity of the sewerage system, on-site underground storage of effluent is recommended for the OWTF 2, with a capacity of 6 hours of peak flow. Using the values presented in the preliminary design, the on-site storage required to buffer excess capacity would be equivalent to 30 m ³ . A below ground effluent retention tank would function to store effluent produced during peak periods when usage of the Sha Ling pumping station is high. Effluent stored during such periods could then be pumped out of the retention tank and discharged into the public sewer during off-peak times when capacity is sufficient.	During design and operation phase	/ OWTF Operator					recommendatior	
6.8.2.2	5.3	Wastewater generation from organic waste treatment processes	Within construction site / During design and	Design Consultant / OWTF Operator	\checkmark	•	√	•	TM-DSS, Water Pollution Control	
		Wastewater must be collected and diverted to the wastewater treatment plant (WWTP).	ater operation phase as ase /TF						Ordinance	
		An adequately sized WWTP with technologies such as membrane bioreactor, reverse osmosis or multi-phase separation process or system should be provided for the OWTF 2. Polluting parameters in the effluent should be in compliance with the requirements as specified in the TM-DSS.								
		Leachate from the waste reception and composting process								
		 A drainage system will be provided at the reception area connecting to the proposed onsite WWTP. The leachate would be treated in the WWTP and there would be no direct discharge of leachate. 								
		Dewatering of the digestate from the separators								
		 The wastewater generated from the dewatering of digestate from the digesters is expected to be around 229.18 m³/day and a peak flow of 5.31L/s. The on-site WWTP will deploy suitable treatment process in order to reduce the pollution level to an acceptable standard. The effluent shall be treated according to the TM-DSS standard before discharging to foul sewers. 								



					Impl	ementa	tion St	age ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		Condensate from biogas drying, odour treatment and ventilation system				•			
		 Condensate from biogas handling and wastewater from the odour treatment process would be collected and transferred to the WWTP. There is no direct discharge of wastewater to the sewer. 							
		Washing of waste delivery trucks							
		 Surplus wastewater generated from the vehicle washing facilities would be collected and transferred to the WWTP for further treatment before discharging to the foul sewer. 							
		Untreated wastewater from wastewater treatment plant							
		 Maintenance of the WWTP and its connection pipe work would be conducted regularly to confirm the condition of the holding tank and pipes. This will ensure early detection of any damage for repair or replacement. Leakage of materials from WWTP 							
		 Regular scheduled maintenance of the WWTP will be carried out to confirm the condition of the facility and detect any damages at an early stage for repair or replacement. 							
6.8.2.3	5.3	Contaminated stormwater runoff and accidental spillages	Within construction site /	OWTF Operator			~		TM-DSS; Water
		Regular maintenance of plant facilities, as recommended in Section 6.8.2.2 of the EIA report, will be performed to confirm the condition of plant facilities and detect any damage for repair or replacement. Training should be provided to the employees on handling accidental spillage, so that in such cases, actions can be carried out quickly to avoid runoff to nearby streams/drains.	During operation phase / Throughout operation phase						Pollution Contro Ordinance
Waste N	lanagemen	t Implications (Construction)			-	-	-	-	-
7.6.1.1	6.3	Good Site Practices	Project construction site /	Contractor		\checkmark			Waste Disposal
		Recommendations for good site practices during the construction activities include:	Throughout construction stage / Until completion of all construction						Ordinance; Regulation and
		 Obtain the 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); 	activities						the Land (Miscellaneous Provisions) Ordinance;



				Implementation Stage ¹							
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines		
		 Provide staff training for proper waste management and chemical handling procedures; 				•	•	·	Waste Disposal (Chemical		
		 Provide sufficient waste disposal points and regular waste collection; 							Wastes) (Genera Regulation;		
		 Provide appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; 							Technical Circula (Works) No. 19/2005 Environmental		
		 Carry out regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; 							Management on Construction Site		
		 Separate chemical wastes for special handling and disposal to licensed facilities for treatment; and 									
		 Employ licensed waste collectors to collect waste. 									
7.6.1.2	6.3	Waste Reduction Measures	Project construction site /	Contractor	\checkmark	· 🗸			Waste Disposal		
.0.1.2		Recommendations to achieve waste reduction include:	Throughout construction stage / Until completion of all construction activities						Ordinance		
		 Design foundation works to minimise the amount of excavated material to be generated; 									
		 Provide training on the importance of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; 									
		 Sort demolition debris and excavated materials from demolition works to recover reusable/recyclable portions 									
		 Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal 									
		 Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force 									
		 Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste 									
7.6.1.3	6.3	Excavated and C&D Materials	Project construction site /	Contractor	\checkmark	~			Waste Disposal		
		In order to minimise impacts resulting from collection and	Throughout construction						Ordinance ;		
		transportation of C&D material for off-site disposal, the	stage / Until completion						DEVB Technical		

					Imp	ementa	ation S	on Stage ¹				
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines			
		excavated materials should be reused on-site as fill material as backfilling material and for landscaping works far as practicable. Other mitigation requirements are:	of all construction activities						Circular (Works) No.6/2010 for Trip Ticket System for			
		 A Waste Management Plan (WMP), which becomes part of the Environmental Management Plan (EMP), should be prepared in accordance with ETWB TC(W) No.19/2005; 							Disposal of Construction & Demolition Materials:			
		 A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites) should be adopted for easy tracking; and 							Technical Circular (Works) No. 19/2005			
		 In order to monitor the disposal of excavated and non-inert C&D material at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to DEVB TC(W) No. 6/2010). 							Environmental Management on Construction Site			
7.6.1.4	6.3	Chemical Waste	Project construction site /	Contractor		\checkmark			Code of Practice			
		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.	Throughout construction stage / Until completion of all construction activities						on the Packaging Labelling and Storage of Chemical Wastes; Waste Disposal (Chemical Waste) (General) Regulation			
7.6.1.5	6.3	General Refuse General refuse should be stored in enclosed bins or compaction units separated from excavated and non-inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	Project construction site / Throughout construction stage / Until completion of all construction activities	Contractor		~			Waste Disposal Ordinance and Public Health and Municipal Services Ordinance - Public Cleansing and Prevention of Nuisances			

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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
				•					Regulation
Waste N	lanagemen	t Implications (Operation)							
7.6.2.1	6.3	Good site practices	Construction site / On a	OWTF Operator			\checkmark		Waste Disposal
		Adoption of the following good operational practices should be recommended to minimise waste management impacts:	regular basis / Throughout operation stage						Ordinance; Waste Disposal
		 Obtain the necessary waste disposal permits from the appropriate authorities, in accordance with the Waste 	Slaye						(Chemical Waste) (General);
		Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation and the Land (Miscellaneous Provision) Ordinance (Cap. 28);							Regulation and the Land (Miscellaneous
		 Nomination of an approved person to be responsible for good site practice, arrangements for collection and effective 							Provision) Ordinance;
		disposal to an appropriate facility of all wastes generated at the site;							DEVB Technical Circular (Works)
		 Use of a waste haulier licensed to collect specific category of waste; 							No. 6/2010.
		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 DEVB TC(W) No. 6/2010.							
		 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 minimise windblown litter and dust during transportation of waste, such as covering trucks or transporting wastes in enclosed containers; and, 							
		Implementation of a recording system for the amount of							



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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
	•	wastes generated, recycled and disposed of (including the disposal sites).							
7.6.2.2	6.3	Waste reduction measures	Construction site / On a	OWTF Operator			\checkmark		Waste Disposal
		Adoption of the following good operational practices should be recommended to ensure waste reduction:	regular basis / Throughout operation						Ordinance; Waste Disposal
		 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; 	stage						(Chemical Waste) (General); Regulation and
		Encourage collection of aluminium 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							the Land (Miscellaneous Provision) Ordinance
		 Any unused chemicals or those with remaining functional capacity should be reused as far as practicable. 							
7.6.2.3	6.3	Waste 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 minimise odour, pest and litter impacts. Open burning must be strictly prohibited.	Pre-treatment process / Throughout operation stage	OWTF Operator			~		Waste Disposal (Chemical Waste) (General)
7.6.2.4	6.3	 Chemical Waste Chemical waste generated from machinery maintenance and servicing should be managed in accordance with the 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, when transported off-site, removed by licensed chemical waste contractors. Alternatively, some of the chemical waste may be retained on-site for re-use by the Project in the manufacture of biogas or other products, subject to their composition being confirmed as suitable for such application. 	Construction site Throughout operation stage	OWTF Operator			~		Code of Practice on the Packaging Labelling and Storage of Chemical Wastes; Waste Disposal (Chemical Waste) (General) Regulation



					Imple	ementa	tion St	age ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		 Plant / equipment maintenance schedules should be planned in order to minimise 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. 							
7.6.2.5	6.3	General Refuse	Construction site / On a	OWTF Operator			\checkmark		Waste Disposa
		Waste generated in site offices should be reduced through segregation and collection of recyclables. To promote the recycling of wastes such as used paper, aluminium 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.	regular basis / Throughout operation stage						Ordinance
		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 minimise odour, pest and litter impacts. Also, open burning of refuse must be strictly prohibited.						•	
Ecologio	cal Impact	(Construction)							
8.7	7.3	For precautionary purposes and to further ensure that no wild flora species of conservation interest will be affected, prior to commencement of any construction works, it is recommended to conduct a detailed vegetation survey as baseline monitoring to update the exact locations, number and condition of individuals of <i>Aquilaria sinensis</i> and any other floral species of conservation interest within the Project Area. A Vegetation Survey Report summarizing the findings and recommendations of the detailed vegetation survey should be prepared and submitted to AFCD for approval no later than one month prior to commencement of construction works.	Before Project commencement	OWTF Operator	V				EIAO-TM



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EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		fence along the plantation area where trees and vegetation, including those of conservation concern identified under the detailed vegetation survey, would be retained within the Project Area is recommended for precautionary purposes to avoid any potential impact from construction activities such as vehicle movement and materials storage. Establishment of the protective fence could also raise the awareness of personnel to be present and protection of the plants. While the protective fence should be properly maintained, monitoring of individuals of <i>Aquilaria sinensis</i> and any other floral species of conservation interest identified in the detailed vegetation survey during construction phase on a monthly basis should be conducted to make sure that they are not affected by the construction works of the Project.	stage						
Ecologi	cal Impact ((Operation)			•		•	•	
	•	No mitigation measure is required.			·				
Landsca	ape and Vis	ual Impact (Construction)							
Table 10.7 (CP1)	Table 8.1 (CP1)	Preservation of Existing Vegetation The development proposals would avoid disturbance to the existing trees as far as practicable within the confines of the development site. A preliminary tree survey has been undertaken to establish the existing resources. A tree survey review with formal tree removal application will be submitted to the relevant government departments for approval in accordance with ETWB TC(W) 03/2006 Tree Preservation, during the detailed design phase of the Project. Based on the preliminary findings it would be possible to retain 441 of the existing trees. If possible, all trees which are not in conflict with the proposals would be retained and shall be protected through the means of fencing, where appropriate, to prevent potential damage to tree canopies and root zones from vehicles and materials storage. Specifications for the protection of existing trees will be circulated to the relevant government authorities for approval together with the formal tree removal application.	Construction site / Throughout construction stage / Until completion of all construction activities	Contractor	~	~			Technical Circul (Works) No. 3/2006
Table 10.7 (CP2)	Table 8.1 (CP2)	 Control of site construction activities Storage of materials should be carefully arranged to minimise potential landscape and visual impact. 	Construction site / Throughout construction stage / Until completion	Contractor	~	~			EIAO-TM



					Imp	lementa	ation St	tage ¹	
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines
		 The location and appearance of site accommodation should be carefully designed to minimise potential landscape and visual impact. 	of all construction activities						
		 Site lighting should be carefully designed to prevent light spillage, 							
		 Extent of the works area and construction period should be minimised as far as practicable. 							
		 Screen hoarding with compatible design to blend into the surrounding natural environmental should be considered. 							
		 Temporary works areas should be reinstated at the earliest possible opportunity. 							
Table	Table	Transplantation of existing trees	Construction site /	Contractor	\checkmark	\checkmark			Technical Circular
10.7 (CP3)	8.1 (CP3)	Under current proposal, no tree is recommended to be transplanted since the trees in conflict with the proposed works are not suitable to be transplanted. However, should transplantation be proposed in the detailed design stage after an update tree survey, the recommended final recipient sites should be adjacent to their current locations. Enough time should be reserved for tree transplantation works to increase the survival rate of the transplanting trees. To ensure the survival of transplanted trees, protection work should be considered. The tree transplantation proposal will be submitted to relevant authorities for approval together with the formal tree removal application.	Throughout construction stage / Until completion of all construction activities						(Works) No. 3/2006
Landsca	pe and Vis	ual Impact (Operation)							
Table 10.8 (OP1)	Table 8.2 (OP1)	Design of the Proposed OWTF OWTF will incorporate design features as part of design mitigation measures including	Construction site / During design stage	Design Consultant / OWTF Operator	~				EIAO-TM
		 Integrated design approach - the location of OWTF should be within the existing Livestock Waste Composting Plant, as far as technically feasible. The location and orientation of the OWTF should be away from landscape and visually sensitive areas such as ponds and woodlands. 							
		 Building massing – the proposed use of simple responsive design includes having specific height profile requirement 							

					Implementation Stage ¹					
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines	
		such as, single-storey, lower than the adjacent building structures, and avoiding large built structure for supporting facilities to reduce the intrusion of mass in the rural areas.								
		 Treatment of built structures – the structural design should seek to reduce the apparent visual mass of the facilities further through the use of natural materials such as wooden frames or other sustainable materials such as recycled plastics. 								
		 Responsive building finishes – Natural tones should be considered for the colour palette for proposed structures. Non-reflective finishes are recommended on the outward facing building facades to reduce glare effect. 								
		 Responsive lighting design – Aesthetic design of architectural and lighting with following glare design measures: 								
		 Directional and full cut off lighting is recommended within the boundaries of OWTF to minimise light spillage to the surroundings; 								
		 Minimise geographical spread of lighting, only applying for safety at the key access points and staircases; and 								
		Limited lighting intensity to meet the minimum safety and operation requirement.								
Table	Table 8.2 (OP2)	Amenity / Compensatory Planting	Construction site / during design and operation stage	Design Consultant / OWTF Operator	 ✓ 		\checkmark		Technical Circular (Works) Nos. 7/2002 and 3/2006	
10.8 (OP2)		Tree retention within the works area is considered to be important. New tree plantings will be concentrated in the proposed amenity areas along the boundaries of the site and along the exterior of OWTF buildings. Although a preliminary planting proposal is not yet available at the moment of producing this EIA Report, anticipated new tree planting within the Project site should be able to fully compensate for the loss of 14 trees proposed to be felled in terms of both quantity and quality. 441 existing trees will be retained through preserving them at their current locations. Establishment of newly planted trees is expected. Trees with high amenity value will be placed along the access routes to provide shade and soften the hard structures of OWFT buildings. Amenity plantings will utilise native tree species found on existing neighbouring slopes or								



	·				Implementation Stage ¹					
EIA Ref.	EM&A Ref.	Environmental Protection Measures	Location / Duration of measures / Timing of completion of measures	Implementation Agent	Des	Con	Ор	Dec	Relevant Legislation & Guidelines	
		woodland areas to improve the ecological connectivity between existing habitats and create a coherent landscape network. Tree species with aggressive roots should be avoided to prevent damage to OWTF buildings and structures. Trees with high or moderate amenity value and low to medium maintenance should be considered as part of landscape resource enhancement. Recommended tree species include <i>Celtis sinensis</i> and <i>Liquidambar formosana</i> . These proposals will be subjected to review at detail design stage of the Project.								
Table 10.8 (OP3)	Table 8.2 (OP3)	Treatment of Slopes In accordance with GEO Publication No. 1/2011 "Technical Guidelines on Landscape Treatment for Slopes", these engineering structures will be aesthetically enhanced through the use of soft landscape works including tree and shrub planting to give man-made slopes a natural appearance, blending into the natural landscape. Whip-sized plantings are preferred on the face of soil cut slopes, at the crest and toe of the slope and within berm planters. These smaller, younger plants can adapt to their new growing conditions quicker than larger sized stock and establish a naturalistic effect rapidly. Recommended tree species include <i>Mallotus paniculatus</i> ,	Construction site / during design and operation stage	Design Consultant / OWTF Operator	~		v		GEO Publication No. 1/2011 "Technical Guidelines on Landscape Treatment for Slopes	
Table 10.8 (OP4)	Table 8.2 (OP4)	Broussonetia papyrifera and Alangium chinense. Amenity enhancement Rooftop greening and vertical greening to mitigate the visual impact of taller structures can soften the façade of OWTF structures. Frameworks utilised for vertical greening should appear naturalistic.	Construction site / during design and operation stage	Design Consultant / OWTF Operator	~		~		Technical Circular (Works) No. 7/2002	

Remarks:

1. Des - Design Stage, C - Construction Stage, O - Operation, Dec - Decommissioning