

Environmental Permit

Environment Protection Act (CAP. 549)

Permit number
EP 0039/20

Approved Documents:

EP 0039/20/DOC1
EP 0039/20/DOC2
EP 0039/20/DOC3
EP 0039/20/DOC4
EP 0039/20/DOC5

The Environment and Resources Authority (hereinafter the Authority; the Competent Authority or ERA) in exercise of its powers under the Environment Protection Act (CAP. 549) and applicable subsidiary legislation referred to in this permit, hereby authorises:

Water Services Corporation (hereinafter “the Permit Holder”),

Of / Whose Registered Office is at:

Water Services Corporation
Qormi Road
Luqa LQA 9043

to operate a Reverse Osmosis plant at:

Hondoq Reverse Osmosis Plant
Hondoq ir-Rummien
Qala, Gozo

The permit is valid for **ten (10) years** from the *Permit granted* date below and subject to the conditions overleaf. An application for the renewal of this permit is to be submitted at least **six (6) months** prior to the expiry of this permit.

Signed

Date

<p>[Redacted Signature]</p> <p>Unit Manager (Env. Permitting) f/Director Regulatory Affairs</p>	<p>Permit Granted: 04/05/2026</p>
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Authorised to sign on behalf of the Competent Authority

1. General

The permitted installation shall be managed, controlled and operated in line with the conditions of this Permit.

1.1 Permitted Operations

1.1.1 The Permit Holder is authorised to carry out the below operations and the associated operations in Table 1.1.1.

Table 1.1.1		
Operation	Description of specified operation	Limits of specified operation
Category 2.12 of S.L.549.172: Operations with a discharge of trade effluent to sea, land, storm or rainwater drains or culverts, falling within the scope of the Water Policy Framework Regulations (S.L. 549.100)	Operation of a reverse osmosis plant to produce fresh water for local supply.	From receipt of seawater from sea-wells, to delivery of utility and discharge of brine reject to sea.
	Associated operation of utilities	
	Operation of sea-wells	From abstraction of seawater to delivery of utility to reverse osmosis. This may include flushing of sea-wells involving a discharge of seawater to sea.
	Storage and utilisation of chlorine gas (not exceeding 10 tonnes at any one time)	From receipt of chemical to use in facility operations.
Category 1.32 of S.L.549.172: Operations covered by the Limitation of Emissions of Certain Pollutants into the air from Medium Combustion Plants Regulations (S.L. 549.122)	Operations of diesel generators G1(43586) and G2(43587). Delivery, storage and use of fuel for the operation of combustion plants.	Rated thermal input of each combustion plant is greater than 1MW _{th} and less than 5MW _{th} From receipt of diesel to storage and burning of fuel in the combustion plants to deliver energy.

1.2 Site Boundaries

1.2.1 The operations authorised under condition 1.1.1 shall not extend beyond the Site boundary, as per Site Map in Schedule 2 to this Permit with the authorised layout plans as defined in the **Approved Document EP 0039/20/DOC1** and **Approved Document EP 0039/20/DOC2**.

1.3 Improvement Programme

1.3.1 The Permit Holder shall complete the improvements specified in Table 1.3.1 by the deadline specified, and shall send written notification of the completion date of each requirement to the Authority's Compliance & Enforcement Unit within 10 working days of completion.

Table 1.3.1: Improvement Programme		
Reference	Requirement	Deadline
1	Submission of report for biological monitoring as per approved method statement in Approved Document EP 0039/20/DOC4	Within a timeframe as agreed with the Authority.
2	a. Submission of landscaping plan with timeframes showing existing species and their proposed replacement with indigenous species typical of the area	Within 6 months of granting of the permit
	b. Implementation of the landscaping plan in accordance with the proposal approved by the Authority in (a) above and subject to a nature permit in-line with S.L. 549.123.	Within a timeframe as agreed with the Authority.
3	First measurement for the emissions to air monitoring as per approved method statement in Approved Document EP 0039/20/DOC5	Within 4 months of the granting of this permit

2. Operating Conditions

2.1 Effluent Discharges

2.1.1 The operations shall not hinder the achievement of the environmental objective of any protected area or for the relevant water body as established in the Water Policy Framework Regulations (S.L. 549.100) and the Flora, Fauna and Natural Habitats Protection Regulations (S.L. 549.44).

2.1.2 The Permit Holder shall not allow the introduction into groundwater of any substance included in the Regulations for the Protection of Groundwater against pollution and deterioration (S.L. 549.53). The Permit Holder shall also not allow any discharges to groundwater for substances other than those specified in the Regulations unless specifically permitted.

2.1.3 In case of contamination to the seawater body (including but not limited to scum, foam, particulates or other residual matter) resulting from the permitted operations at the installation, the Permit Holder is to ensure that the polluting activity is immediately stopped, contamination contained, collected and disposed of at authorised facilities.

2.1.4 Discharges to the marine environment shall only take place through the discharge point specified in Table 2.1.4, as marked in **Approved Document EP 0039/20/DOC1**.

Table 2.1.4: Emission point to marine environment		
Emission Point Reference	Source	UTM coordinates (WGS 84)

E1	Brine reject	36.025938 N 14.323674 E
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2.1.5 Monitoring of E1 prior to discharge to sea shall be carried out in line with the effluent monitoring plan in **Approved Document EP 0039/20/DOC3**, and at the frequency indicated in table 2.1.5.

Table 2.1.5 Emission limits to the marine environment			
Emission point reference	Parameter	Limit	Frequency
E1	pH	6 - 10	Minimum of 3 sampling exercises with replicates per annum, taking into account seasonal and operational variations.
	Total dissolved solids (TDS)	N/A (mg/l)	
	Salinity	N/A (psu)	
	Dissolved oxygen	N/A (% Saturation O ₂)	

2.1.6 The parameters and limits specified in Table 2.1.5 may be subject to revision by the Authority, as deemed necessary. These limits shall not be used as means of selecting the detection limits of the equipment or analytical method to be used.

2.1.7 Foul sewer drains must be strictly segregated from storm water drains.

2.1.8 Rainwater from areas where contamination by oil or chemicals is likely (such as loading/unloading and bunded areas) shall pass through an adequately sized interceptor.

2.1.9 The Permit Holder shall make sure that sampling, chemical analysis and any statistical data analysis is carried out according to the requirements in Schedule XI of S.L.549.100.

2.1.10 The Permit Holder shall determine the Total Annual Load of pollutants specified in Table S1.6.1 using the calculation/estimation method approved by the Authority. Values shall be recorded and reported in line with Table S1.6.1 of Schedule 1 as part of the Annual Environment Report.

3.1 Monitoring Conditions

3.1.1 The Permit Holder shall ensure that chemical analysis is carried out by a third-party laboratory accredited to at least EN ISO 17025:2017 and preferably for every test listed in Schedule 1 (Table 4). The Permit Holder shall submit a report with the monitoring results, including a copy of the laboratory’s accreditation certification, in the Annual Environmental Report (AER) or renewal request whichever comes first. Certificates of analyses are to be submitted with monitoring results. In the case of monitoring that makes use of multi-parametric probes, these shall be calibrated per instrumentation standard. A copy of latest calibration certification is to be submitted to the Authority together with the monitoring results.

3.1.2 The monitoring results shall be submitted as part of the AER or in a timeframe as otherwise agreed with the Authority. The information contained in this report shall be prepared in accordance with the format specified in Schedule 1.

- 3.1.3 The results obtained may require the Permit Holder to submit an action programme to the Authority aimed at reducing the emission limits of certain parameters, as deemed necessary by the Authority.

4.1 Emissions to Air

- 4.1.1 All processes which generate significant levels of airborne contaminants (such as dusts, gases, odorous chemicals) shall have effective local collection and shall discharge (after treatment where necessary) through a stack or vent located and/or designed in such a way as to avoid local effect.
- 4.1.2 Only diesel, classified as gas oil in S.L. 549.122, shall be utilised as a source of fuel for the diesel engine generators. The co-incineration of any material or additional fuel including engine or other waste oil is strictly prohibited. Any change in fuel type shall require a modification of this permit as per Condition 8.1 prior to commencement of its utilisation.
- 4.1.3 Emissions to air shall only arise from the emission points specified in Table 4.1.4, as per **Approved Document EP01465/22/DOC1**.
- 4.1.4 The limits for emissions to air for the parameters and emission points set out in Table 4.1.4 shall not be exceeded. The limits are defined at a temperature of 273.15 K, a pressure of 101.3 kPa, after correction for the water vapour content of the waste gases and at a standardised O₂ content of 15%.

Table 4.1.4: Emission points to air					
Emission Point Reference	Source	Monitoring frequency	Pollutant	Emission Limit Value (mg/Nm³)	Abatement
PS1/1	G1 (43586)	Every 3 years	NO _x	190 mg/Nm ³	N/A
			CO	--	
PS1/2			NO _x	190 mg/Nm ³	
			CO	--	
PS2/1	G2 (43587)		NO _x	190 mg/Nm ³	
			CO	--	
PS2/2			NO _x	190 mg/Nm ³	
			CO	--	

- 4.1.5 The first measurement shall be taken within four months of the granting of the permit.
- 4.1.6 Monitoring shall be carried out according to the frequency stated in Table 4.1.4. During each measurement, the plant shall be operating under stable conditions at a representative even load. In this context, start-up and shutdown periods shall be excluded. The Authority reserves the right to require an increase in the frequency of such measurements.
- 4.1.7 The Permit Holder shall maintain a record of the operating hours for each combustion plant.
- 4.1.8 Following submission of the AER for the previous reporting year, should the amount of operating hours of the combustion plant be less than 500 hours, as a rolling average over

three years, the Permit Holder may apply with the Authority for an exemption from the emission limit values set out in Table 4.1.4, by submitting the information on the ERA website¹.

- 4.1.9 The granting of such exemption described in Condition 4.1.8 shall be at the discretion of the Authority and shall be valid until such time that the rolling average of the operating hours over three years exceeds 500 hours, or until such time as prescribed by the Authority. The Authority shall communicate the expiry of the exemption in writing.
- 4.1.10 The exemption described in Condition 4.1.8 shall only exempt the Permit Holder from compliance with the emission limit values set out in Table 4.1.4. Monitoring is still to be carried out at the frequency indicated in the same table.
- 4.1.11 Unless exempt from compliance with the emission limit values, should the emission limit values in Table 4.1.4 be exceeded, as part of the AER, the Permit Holder is to propose measures that will be taken to ensure compliance with the emission limit values.
- 4.1.12 The exhaust from general building ventilation (e.g. extractors or fans in walls or roofs) shall be vented in such a way as to avoid adverse environmental effects and in accordance with applicable legislation in this regard.
- 4.1.13 Should the Permit Holder intend to install equipment which could lead to additional emissions to air (e.g. boiler, etc.), a variation of this Permit must be secured prior to installation and operation of this equipment.

5.1 Storage

- 5.1.1 All bulk liquid storage tanks shall be provided with an adequately designed bund system with an impermeable base and walls. The capacity of the bund shall be a minimum of 110% of the largest tank within the bund or 25% of the total capacity of the tanks, whichever is greater. All filling and off-take points shall be located within the bund. The Permit Holder shall also ensure and take all precautions to avoid any leakages or spills from liquid or solid material.
- 5.1.2 The Authority may request that bund on site are tested and certified to be leak-proof by an independent, warranted architect or engineer.
- 5.1.3 Bulk storage tanks for chemicals and fuels and associated bunding and pipe work shall be visually inspected at least once a month. Such records shall be kept and made available to the authority upon request.
- 5.1.4 Drums and containers of solvents, oils or any other chemicals shall be stored in designated and secure storage areas. Storage areas shall be designed so that surface and ground waters cannot be contaminated by spillages.
- 5.1.5 Chemicals of different properties shall be stored as specified in respective SDS sheets. Such sheets shall be made available and accessible to personnel responsible for the management of the storage areas and for inspection by the Competent Authority. Incompatible chemicals shall not be stored within the same bund.
- 5.1.6 The storage of chlorine shall not exceed 10 tonnes at any one time. The Permit Holder is to notify the Authority, should the storage of chlorine exceed this limit.

¹ <https://era.org.mt/era-topic-categories/medium-combustion-plants/>

6.1 Lighting and noise conditions

- 6.1.1 All exterior lighting installed on site shall be minimal and as far as technically possible as agreed with the Authority horizontally aligned, downward pointing, fully-shielded and/or full cut-off. No luminaire globes, uplighters and/or high-level floodlighting are allowed.
- 6.1.2 Lighting shall be of low-intensity 'warm light' colour with a temperature not exceeding 3000K unless otherwise required for health, safety and security reasons, as confirmed by the Authority.
- 6.1.3 There shall be no continuous lighting during hours of darkness, other than those required for health, safety and security reasons. In this regard, all external lighting shall be intruder-triggered/with motion-sensors.
- 6.1.4 All reasonable measures shall be taken to avoid generation of excessive noise and any sound generated shall not exceed 65dBA as measured at 200 metres from the peripheral area of the facility.

7.1 Other operations on site

- 7.1.1 All maintenance involving oils and lubricants shall be carried out inside or in covered areas to ensure that no substances pollute the environment during rainfall.
- 7.1.2 Maintenance activities involving oils, lubricants and chemicals shall only be carried out within the areas having floors impermeable to petroleum intrusion and in a manner where any accidental spills shall be immediately contained and collected.
- 7.1.3 The use of sea-wells or boreholes shall be duly registered and permitted by the Authority in line with S.L.549.165.

8.1 Accident prevention and control

- 8.1.1 Spill response kits shall be maintained on site in sufficient quantities and strategic locations, and any spill or accidental release shall be immediately contained, collected, and managed to prevent contamination of drains, surface water, groundwater, or land. In any incident of environmental significance, the Permit Holder shall minimise environmental impact, notify ERA and other relevant authorities within 24 hours, and implement any investigations, remedial actions, or preventive measures required by the Authority.

9.1 Management and Technically competent person

- 9.1.1 The Permit Holder, or a designated representative(s), shall be fully aware of all Permit conditions and ensure continuous compliance. All personnel involved in permitted activities must be trained, instructed, and aware of their duties, including measures to prevent or address environmental hazards.
- 9.1.2 One member of the staff shall be nominated as the Technically Competent Person (TCP) of the site, and another member of staff shall be nominated as the delegate Technically Competent Person (delegate TCP), whereby TCP or delegate is to physically represent the

Permit Holder during the times when the Permit Holder will not be available. The TCP is to be present on site within one hour following a request by the Authority.

- 9.1.3 In the event of any leave of absence taken by the TCP and delegate conjointly for a period exceeding 10 days, the Permit Holder is obliged to find a replacement for that member of staff without delay and the Authority informed accordingly.

3. Reporting

- 3.1 The Authority shall be informed within 24 hours in the event of an environmental hazard or major accidents.
- 3.2 The Permit Holder shall submit to the Authority an AER of the previous year by not later than end of March of each year, providing the information listed in Schedule 1 of this Permit and in the format specified therein.
- 3.3 The Permit Holder shall notify the Competent Authority immediately on becoming aware of any factor that has prevented or may prevent compliance with any of the conditions of this permit. Details of the factor and why compliance has been or may be prevented shall be provided.

4 Records

- 4.1 The Permit Holder shall ensure that all records required to be made by this Permit and any other records made by it in relation to the operation of the Permitted Installation shall:
- a. Be made available for inspection by the Authority at any reasonable time;
 - b. Be supplied to the Authority on demand and without charge and in the format requested;
 - c. Be legible;
 - d. Be made as soon as easily practicable;
 - e. Indicate any amendments which have been made and shall include the original record wherever possible; and
 - f. Be retained at the Permitted Installation or accessed electronically from the Permitted Installation, for a minimum period of 3 years from the date when the records were made, unless otherwise agreed in writing.
- 4.2 Records shall be kept secure and shall be available for inspection at the Site when required by an authorised officer of the Authority. This shall include a daily record of the following events:
- a. Any incidents that took place on site such as mechanical faults in the machinery or equipment used on site, any spills, fires, etc. and the remedial action taken.
 - b. Any maintenance and inspections carried out on machinery and equipment.
 - c. Waste disposal certificates.
 - d. Any defects or damage to the Site Security System.
 - e. Any other incidents that the Permit Holder deems important to record.

Each record shall be compiled within 24 hours of the relevant event.

- 4.3 The Permit Holder shall maintain an Environmental Management System (EMS) to facilitate compliance with permit conditions and to assist in formalising procedures required by this permit. An EMS can take the form of a standardised system (e.g. EN ISO 14001:2015 or EMAS) or a non-standardised (“customised”) system, provided that is properly designed and

implemented. Guidance for a non-standardised (“customised”) system is included on the ERA website¹.

5 Notifications

5.1 The Permit Holder shall notify the Authority without delay of:

- a. The detection of an emission of any substance which exceeds any limit or criterion in this Permit specified in relation to the substance;
- b. The detection of any fugitive emission which has caused or may cause significant pollution unless the quantity emitted is so trivial that it would be incapable of causing significant pollution;
- c. The detection of any malfunction, breakdown or failure of plant or techniques which has caused, is causing or has the potential to cause exceedances of the emission limit values stipulated in the permit; and
- d. Any accident which has caused, is causing or has the potential to cause significant pollution.

5.2 When submitting notifications under 5.1, the Permit Holder shall send to the Authority the information requested in the notification of abnormal emissions included on the ERA website² as follows:-

- a. The information listed in Part A within 24 hours of such notification; and
- b. The more detailed information listed in Part B as soon as practicable.

5.3 The Permit Holder shall give written notification as soon as practicable prior to any of the following:-

- a. Permanent cessation of the operation of part or all of the Permitted Installation;
- b. Cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and
- c. Resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition 5.3.b.

5.4 The Permit Holder shall notify the following matters to the Authority in writing within 10 working days of their occurrence:-

- a. Any change in the Permit Holder’s trading name, registered name or registered office address;
- b. Any change to particulars of the Permit Holder’s ultimate holding company (including details of an ultimate holding company where a Permit Holder has become a subsidiary).

6 Closure and decommissioning

6.1 The Permit Holder shall notify the Authority prior to ceasing operations permanently in part or full. All equipment, materials and waste must be removed from the site and managed in an environmentally sound to the Authority’s satisfaction. Final decommissioning shall be carried out within twelve (12) months of final cessation.

¹ <https://era.org.mt/era-topic-categories/terms-of-reference-permitting/>

² <https://era.org.mt/era-topic-categories/reporting-obligations/>

6.2 All obligations of this Permit shall subsist until such time that the Authority notifies the Permit Holder in writing that all obligations and conditions of the Permit have been fulfilled without prejudice to any liabilities and third-party rights.

6.3 When deemed necessary, the Authority may require the Permit Holder to take such additional measures as it considers necessary with respect to after care obligations in relation but not limited to the remedial action, rehabilitation, and monitoring of the waste management or waste production site.

7 General Operational Conduct

7.1 Whenever there is a conflict between the conditions of this Permit and approved documents, the conditions of the Permit shall prevail.

7.2 This permit is granted saving third party rights and without prejudice to any other legislation or regulations or authorisations required from any other competent authorities or site owners.

7.3 A copy of this permit including any Variation Notice and amendments to it shall be available at the place of work, at all times for reference by all staff carrying out work subject to the requirements of the Permit.

7.4 All businesses have a duty of care to protect the environment. The operator shall become familiar with his legal obligations and good environmental practice.

7.5 The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities or external sources).

7.6 Site must be well secured at all times.

7.7 The Permit Holder shall maintain a register of third-party complaints. The register shall record the name and address of the complainant(s), the date, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.

7.8 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in a good operating condition and without causing polluting emissions, leaks and spillages. The Permit Holder shall keep maintenance records as per Conditions 4.1 & 4.2.

7.9 The Permitted Installation shall be managed, controlled, supervised and operated by staff who are aware of the importance of environmental protection and suitably trained on the requirements of this Permit, in particular on those permit conditions relevant to their duties. All staff shall be provided with adequate training and written operating instructions to enable them to effectively carry out their duties. Such training shall be recorded and maintained in line with Condition 4.1.

7.10 Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder may request to transfer an environment permit. The permit shall not be transferred from the Permit Holder without prior approval from the Authority. Upon the Authority's decision to transfer the permit to the transferee, all rights, obligations, liabilities shall subsist onto the transferee.

- 7.11 The Authority may carry out pre-set or unannounced compliance or monitoring compliance checks and take any actions necessary in line with CAP 549, at the Permit Holder's expense.
- 7.12 Without prejudice to condition 7.11, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 7.13 The Authority's representatives may inspect and photograph any part of the site and ask for any closed or locked areas to be opened and may demand to be provided with any proof, documentation, plans, receipts or any other records.
- 7.14 The Authority may add, amend, delete or substitute any of the conditions of this permit after notifying the Permit Holder of its intention and after describing the changes to the Permit Holder. This is without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.
- 7.15 The permit is issued against a Bank Guarantee of €11,000. This guarantee is covered in accordance with the Letter of Undertaking covering Government Projects ref MF35/05/160. This guarantee will have to be maintained throughout the validity of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.
- 7.16 The Authority may withdraw funds from the bank guarantee for any breach of Permit conditions, instructions, or legal obligations under the Act or its subsidiary legislation. This does not preclude further enforcement action by ERA. If funds are withdrawn, the Permit Holder shall replenish the guarantee within two (2) months. Release of the Bank Guarantee is subject to the Authority's confirmation of full compliance.
- 7.17 In case where the bank guarantee does not cover the expenses incurred by the Authority to take remedial action on the Permit Holder' behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred within.
- 7.18 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP549.
- 7.19 The Authority may request additional monitoring and/or review of the operational practices and commission audits on the installation as deemed necessary to address any circumstances that may affect the quality of the surrounding environment at the expense of the Permit Holder.
- 7.20 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.

8 Operational Changes

- 8.1 The Permit Holder may apply for a variation in permit and shall seek the Authority's written agreement prior to any operational changes, by sending to the Authority:
- a. Written notice of the details of the proposed change, including an assessment of its possible effects (including changes in emissions and waste production) on risks to the environment from the Permitted installation;

- b. Any relevant supporting information (e.g. chemical/fuel consumption, technical details, changes in the type/use of substances/mixtures, etc.);
- c. Any relevant supporting assessments and drawings, and;
- d. The proposed implementation date.

Any such change shall only be implemented following the issue of a variation of the permit by the Authority.

8.2 The Permit Holder shall notify the following matters to the Authority in writing at least 10 working days prior to their occurrence:

- a. Any change in the Permit Holder's trading name, registered name or registered office address;
- b. Any change to particulars of the Permit Holder's corporate identity.

Schedule 1

Annual Environmental Report

Important note

By this submission, you confirm that you give your explicit consent for the entire contents of this Annual Environment Report to be made available on the Authority's public website.

S1.1 Introduction

Environmental Permit Number	
Reporting Year (Calendar Year: 1 January to 31 December)	
Name and locality of Site	
Brief description of activities at the site	

S1.2 Fuel Consumption Data

Equipment ¹	Fuel type	Fuel Consumption	Units
			tonnes
			tonnes

S1.3 Annual Operating Hours

Annual Operating Hours for G1	
Annual Operating Hours for G2	
Volumetric Waste gas glow rate (Nm ³ /hours) for G1	
Volumetric Waste gas glow rate (Nm ³ /hours) for G2	

¹ E.g. Boiler, generator, vehicles, etc.

S1.4 PS2 Monitoring Results

Parameter	Emission point reference	Limit Value (mg/Nm ³)	Standard methodology used	Type of monitoring (in-situ / at an accredited lab)	Measurement Error	Concentration (Annual Average)			Total Annual Load ¹		
						Unit	Previous reporting period	Present reporting period	Unit	Previous reporting period	Present reporting period
NO _x	PS1/1	190							kg		
CO	PS1/1	-							kg		
NO _x	PS1/2	190							kg		
CO	PS1/2	-							kg		
NO _x	PS2/1	190							kg		
CO	PS2/1	-							kg		
NO _x	PS2/2	190							kg		
CO	PS2/2	-							kg		

¹ Total Annual Load (kg) = Volumetric flow rate $\left(\frac{\text{Nm}^3}{\text{hr}}\right) \times \text{Concentration} \left(\frac{\text{kg}}{\text{Nm}^3}\right) \times \text{Number of hours in a year (hr)}$

Name of laboratory(ies) where tests in this section have been carried out (as applicable)	
Accreditation certificate of laboratory that carried out the emission monitoring AND/OR a valid instrument calibration certificate	

S1.5 Corrective Action (to be completed if emission limit values in Section S1.4 above are exceeded)

Emission Point Reference	Proposed Action (may include reference to additional documentation)
PS1/1	
PS1/2	
PS2/1	
PS2/2	

S1.6 Monitoring Data

S1.6.1 Emissions to the Marine Environment

Parameter	Emission point reference	Limit Value	Unit	Standard methodology used	Concentration (Annual Average)	Total Annual Load	Total annual number of exceedances ¹
pH	E1	6-10	pH Units			N/A	
Total dissolved solids (TDS)	E1	N/A	mg/l				N/A
Salinity	E1	N/A	PSU			N/A	N/A
Dissolved oxygen	E1	N/A	% Saturation O ₂			N/A	N/A

¹ Total annual load shall be calculated by; total product flow m³/h * $\left(\left(\frac{100}{38\% \text{ recovery rate}} \right) - 1 \right) = \text{Effluent discharge flow m}^3/\text{h}$

S1.7 Submissions of certificates and documentation

Documentation	Submission dates	Tick (✓)
A copy of the laboratory accreditation certificates and/or a valid instrument calibration certificate for all the instrumentation as per condition 2.1.1	Yearly	<input type="checkbox"/>
Monitoring results for ED1 in accordance with condition 2.1.5	Yearly	<input type="checkbox"/>
Monitoring results for PS1/1, PS1/2, PS2/1 & PS2/2	2027	<input type="checkbox"/>
	2030	<input type="checkbox"/>
	2033	<input type="checkbox"/>
	2036	<input type="checkbox"/>

Applicant's Declaration

I declare that, to the best of my knowledge, all the above information is correct and substantiated.

Name
(in block letters)

ID Card Number

On behalf of / in my own name
(in block letters)

Schedule 2

Site Map

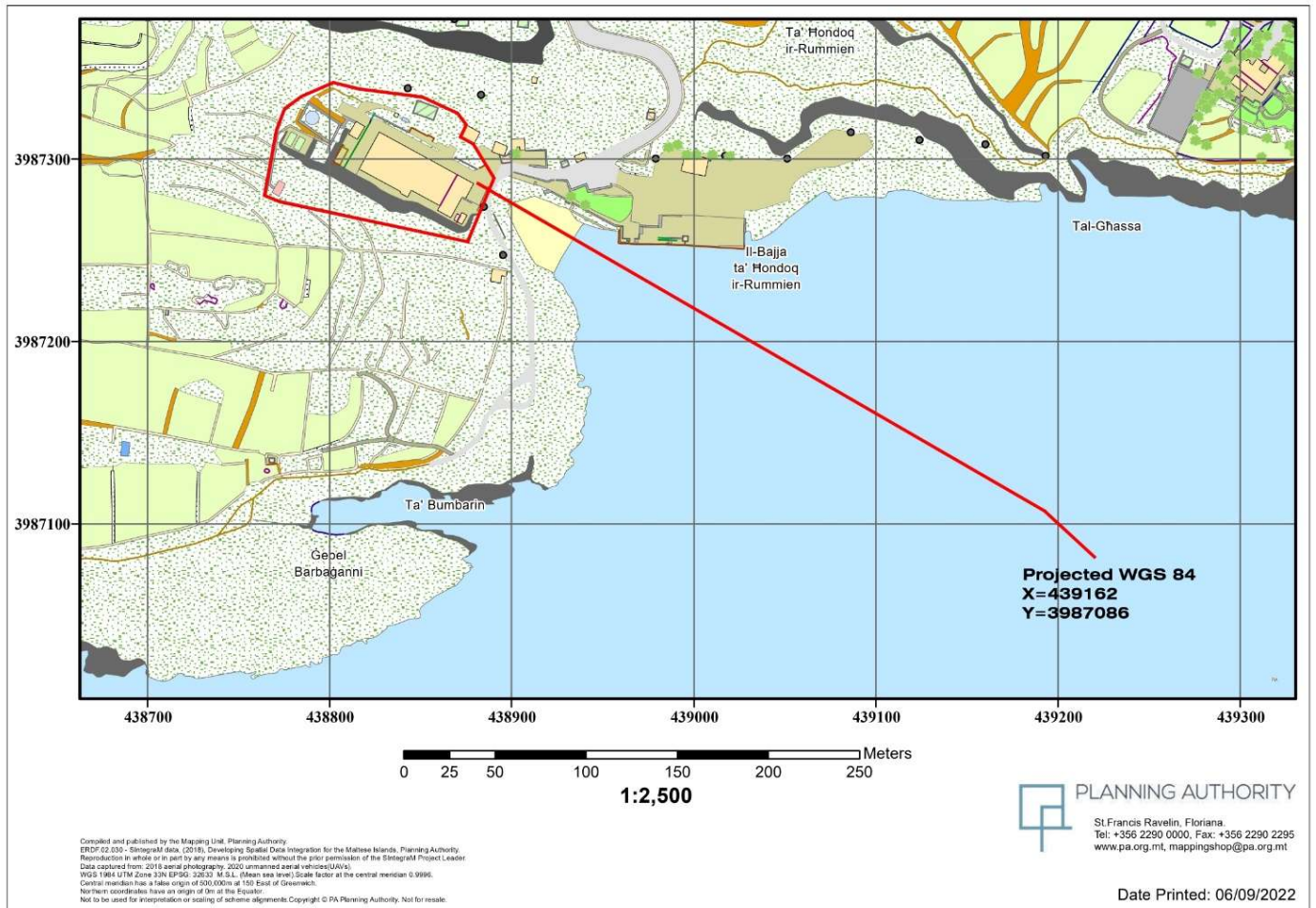


Figure S2.1: Site of permitted installation, showing the extent of the area in a red outline for the carrying out of the activities specified in Condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretational purposes.

END OF PERMIT