

Environmental Permit

Environment Protection Act (CAP. 549)

Permit number
EP 00324/24

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:

Spinola Development Company Limited (hereinafter “the Permit Holder”),
Company registration number: **C331**


Whose Registered Office is at:

Tumas Group Corporate Office
Level 3, Portomaso Business Tower
Portomaso
San Giljan
STJ 4011

to operate the Portomaso Laguna at:

Site at Portomaso
Triq il-Knisja
San Giljan
STJ 4011

The permit is valid for **four (4) years** from the granted date below.

Signed	Date
 <p>Perit Vincent Cassar Chairperson</p>	Permit Granted: 12.02.2025

Authorised to sign on behalf of the Competent Authority

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Conditions

1 General

The Permitted Installation shall, subject to the conditions of this Permit, be managed, controlled and operated as described in the Environmental Permit Application, or as otherwise previously agreed in writing by the Authority.

1.1 Permitted Operations

1.1.1 The Permit Holder is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Table 1.1.1- List of permitted operations		
Operation	Description of specified operation	Limits of specified operation
Associated operation of utility.	Seawater lagoon	From receipt of seawater and filtration via a surface pump to infilling of the lagoon, and eventual discharge of chlorinated pool water backwash to sea.

1.2 General Conditions

- 1.2.1 Whenever there is a conflict between the conditions of this Permit and approved documents, the conditions of the Permit shall prevail.
- 1.2.2 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.
- 1.2.3 In these conditions and their interpretation, all terms shall have the same meaning as that assigned to them in CAP. 549 Environment Protection Act and its subsidiary legislation.
- 1.2.4 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.
- 1.2.5 The Permit Holder shall maintain a register of third-party complaints. The register shall record the details of complainant(s) if available, the date, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.
- 1.2.6 The Permit Holder shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.

- 1.2.7 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.
- 1.2.8 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.
- 1.2.9 Upon the joint application of a Permit Holder and a proposed transferee, the Permit Holder may request to transfer an Environmental 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.
- 1.2.10 In case of any monitoring requirements specified in this permit, there shall be provided safe means of access to enable sampling/monitoring to be carried out by the Authority or by a third party if deemed necessary.
- 1.2.11 The Authority may carry out regular pre-set or unannounced compliance or monitoring checks that vary in frequency according to the site's compliance with the permit conditions and safeguarding of natural assets. Any checks or audits carried out by the Authority may be made at the Permit Holder's financial expense at the rate and arrangement communicated by ERA.
- 1.2.12 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.
- 1.2.13 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.
- 1.2.14 The permit is valid for a period of **four (4) years** from the date of the granting. The Permit Holder may apply for a renewal to this permit expressing his/her intention at least **six (6) months** prior to the expiry of this permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.
- 1.2.15 This permit is granted against a bank guarantee of **€7000** which shall be renewed annually. 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.
- 1.2.16 The Authority may withdraw the full amount of the bank guarantee if any of the permit conditions are not complied with or the Permit Holder fails to comply with any instruction given or any other legal obligation under the Act or its subsidiary legislation. Withdrawal of the bank guarantee does not preclude the Authority from taking any other action to ensure that the conditions of this permit are complied with. Should the Authority withdraw the Bank Guarantee either in part or in full during the validity of the permit, the Permit Holder shall ensure that this is replenished without

undue delay, in any case not exceeding 2 months from the date of withdrawal. The Bank Guarantee shall only be released upon confirmation of compliance with the permit conditions by the Authority.

- 1.2.17 In cases where the bank guarantee does not cover the expenses incurred by the Authority to take any remedial action on the Permit Holder's behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred.
- 1.2.18 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP. 549.
- 1.2.19 The Authority may request additional monitoring and/or review of operational practices and commission any audits/reports as deemed necessary to address any circumstances that may affect the quality of the surrounding environment, at the expense of the Permit Holder.
- 1.2.20 Without prejudice to condition 1.2.20, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.
- 1.2.21 All persons have a duty of care to protect the environment. The Permit Holder shall become familiar with his legal obligations and good environmental practice
- 1.2.22 In the event of cessation of operations of any plant and equipment specified in this permit and/or which is integral to the carrying out of the permitted operations, the Permit Holder shall notify the Authority about the type of equipment, its intended fate and details of the transferee.

Unless the plant/equipment shall be transferred off-site in its current state, the Permit Holder shall submit a plan to the Compliance and Enforcement Unit which shall include the following details:

- a) The appointed contractor or other competent person who shall carry out any works (e.g. cleaning, dismantling etc.).
- b) A complete inventory of all the materials that shall be dismantled/removed, including waste streams classified according to their respective EWC code as per S.L. 549.63 and details on the manner in which waste will be managed. Waste resulting from depollution shall also be included.
- c) The proposed cleaning, dismantling and transport procedures
- d) Precautions and mitigation measures during such works to prevent spillages and other potential emissions to the environment.
- e) Timeframes associated with the implementation of this plan.

For any plant/equipment and/or parts thereof which shall not be considered as waste in accordance with S.L. 549.63, The Waste Regulations, a certificate of good working order from an independent warranted engineer shall be submitted to the Compliance and Enforcement Unit following any works that may be necessary at the permitted installation.

1.3 Operational Changes

1.3.1 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) 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.

1.3.2 The Permit Holder shall notify the following matters to the Authority in writing at least ten (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.

1.4 Improvement Programme

1.4.1 The Permit Holder shall complete the improvements specified in Table 1.4.1 by the date specified in this table and shall send written notification of the date of completion of each requirement to the Authority's Compliance and Enforcement Unit within ten (10) working days (of the completion of each such requirement).

Reference	Requirement	Deadline
1.	Submission of certification for integrity and chemical compatibility for the secondary containment of sulphuric acid	Within three (3) months of the permit's granting

2 Site Infrastructure and Operations

2.1 Site Infrastructure

- 2.1.1 The site must be well secured at all times.
- 2.1.2 No storage of waste, equipment or materials is permitted on property outside the site premises.
- 2.1.3 The operations authorised under condition 1.1.1 shall not extend beyond the site boundary, as per Site Map in Schedule 2A of this Permit.

3 Operating Conditions

3.1 Emissions to Air

- 3.1.1 No emissions from the Permitted Installation shall be made to air.

3.2 Effluent Discharges

- 3.2.1 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).
- 3.2.2 The Permit Holder shall not allow the introduction into groundwater of any substance and pollutants included in the Groundwater (Prohibition of Discharge to Groundwater Bodies) Regulation (S.L. 549.155).
- 3.2.3 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 is contained, collected and disposed of at authorised facilities; and
 - The Authority is informed immediately on ced.coast@era.org.mt.
- 3.2.4 Discharges to the marine environment shall only take place through the discharge point specified in Table 3.2.4, as marked in Schedule 2b, as per description in the submitted Environmental Permit application.

Table 3.2.4: Emission point to marine environment

Emission Point Reference ¹	Source	UTM (WGS-84) coordinates (In decimal degrees)
ED1	Pool overflow	35.9203, 14.4946
ED2	Pool backwash	35.9207, 14.4950

- 3.2.5 Monitoring of ED2 (as per Table 3.2.5) prior to discharge to sea shall be carried out on an annual basis for the parameters listed in Table 3.2.5. Sampling with replicates shall take place at least two (2) times during the year and is to reflect seasonal and operational variations (i.e. summer, and summer peak).

Table 3.2.5: Emission limits to the marine environment

Emission point reference	Parameter	Limit	Frequency
ED2	pH	6 - 10	Minimum of 2 sampling exercises with replicates per annum, taking into account season and operational variations.
	Total residual chlorine	0.3 mg/L	

¹ According to Section 6 of the Environmental Permit application

	Total suspended solids (TSS)	35 mg/L	Sampling with replicates shall; take place in summer and summer peak.
	Temperature	5°C above ambient at outlet	

- 3.2.6 The parameters, limits and frequency specified in Table 3.2.5 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.
- 3.2.7 The Permit Holder shall maintain and calibrate the flow meter installed for discharge point ED2 indicated in Table 3.2.5 as per manufacturer's specifications and records shall be kept as per condition 4.3.1. Data from the flow meter shall be recorded and reported in line with Table S1.3.1 of Schedule 1 as part of the Annual Environment Report.
- 3.2.8 In case of constraints inhibiting the operation of a flow meter, the Authority shall be informed within one week from the occurrence. The alternative means of measurement or calculation or, where not possible, estimates for the Total Annual Load of pollutants specified in Table S1.3.1 shall be sent to the Authority for approval. This proposal shall also include justifications as to why readings from the flow meter(s) could not be provided in line with condition 3.2.7. If the alternative method proposed is approved by the Authority, data shall also be recorded and reported in line with Schedule 1 as part of the Annual Environment Report.
- 3.2.9 The Permit Holder shall make sure that any sampling is carried out by a laboratory accredited or in the process of accreditation, as confirmed by the National Accreditation Body (NAB-Malta) or equivalent to at least E ISO/IEC 17025:2017 and preferably for each and every test listed in Table 3.2.5. The Permit Holder shall include a copy of the laboratory's accreditation certification in the Annual Environmental Report. Certificates of analyses are to be submitted with monitoring results.
- 3.2.10 In the case of monitoring that makes use of multi-parametric probes, these are to be calibrated as per instrumentation standard. A copy of latest certification is to be submitted to the Authority together with the monitoring results.
- 3.2.11 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.
- 3.2.12 The effluent monitoring results shall be submitted as part of the Annual Environmental Report. The information contained in this report shall be prepared in accordance with the format specified in Schedule 1.
- 3.2.13 Foul sewer drains must be strictly segregated from storm water drains.
- 3.2.14 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.

- 3.2.15 No chemicals other than sulphuric acid shall be used in pools. The utilisation of other chemicals shall be subject to approval by the Authority

3.3 Emissions to Land

- 3.3.1 No emissions to land from the Permitted Installation shall be made.
- 3.3.2 In the event of contamination of land, the Permit holder shall notify the Authority within twenty four (24) hours, forward a decontamination plan for the Authority's approval and execute it within an agreed time frame.

3.4 Waste storage and handling

- 3.4.1 All operations concerning the management of waste are subject to the Waste Regulations S.L. 549.63 and the Waste Management (Operation Registration) Regulations S.L. 549.45.
- 3.4.2 The site shall be maintained in a tidy condition, free from litter and waste (whether arising from own activities/operations or external sources).
- 3.4.3 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal. Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.
- 3.4.4 Packaging material and containers containing residual quantities of chemicals or which came into contact with hazardous substances shall be regarded as hazardous waste and shall be disposed of in an appropriate manner.
- 3.4.5 The Permit Holder shall ensure that all waste management operations authorised in accordance with this Permit are carried out in an orderly manner and in such a way as not to cause adverse impact on the environment.

3.5 Waste recovery and disposal

- 3.5.1 The Permit Holder shall be committed to reduce waste generation where possible.
- 3.5.2 The Permit Holder shall ensure to keep records for every consignment of waste removed from the Permitted Installation indicating the EWC Code, description, quantities, date of removal, contractor name (including for transport), consignment note number (where applicable) and manner and place of final disposal/recovery. The records shall be maintained for a minimum period of five (5) years and be made available, upon request, to the Authority.
- 3.5.3 Off-site disposal or recovery of wastes may only take place at a facility licensed for that purpose.
- 3.5.4 On-site disposal of wastes by any means including burning, disposal to surface water, discharge to sea or burying or deposition on land, is prohibited.

- 3.5.5 The Permit Holder shall make use of the services of a registered waste carrier for the transport of waste from the site in accordance with operation 38 of schedule 1 of Subsidiary Legislation 549.45, the Waste Management (Operation Registration) Regulations. Where the company removes wastes using its own transport the vehicle(s) must also be registered as a waste carrier in accordance with S.L. 549.45 or any statutory provisions or regulations amending or replacing them.
- 3.5.6 Should the Permit Holder require the services of a waste broker, it shall be ensured that any such broker is a duly registered waste broker in accordance with S.L. 549.45.

3.6 Storage

- 3.6.1 Bulk storage tanks for chemicals 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 volume of all the tanks within the bund, whichever is greater. 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. Certification for integrity for all bunds is to be provided by an independent and warranted engineer and submitted to the Authority within three (3) months of the permit's granting and again upon submission of the renewal application.
- 3.6.2 Drums and containers of solvents, oils, lubricants 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.
- 3.6.3 The storage of flammable, toxic and hazardous substances shall be in line with the measures specified in the Safety Data Sheets (SDS) for that substance and the maintenance of safety critical equipment should correspond to manufacturer specifications.
- 3.6.4 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.
- 3.6.5 All small storages of oils and lubricants used for everyday site operations shall be equipped with a containment system such as drip trays in order to prevent leakages or spillages.

4.1 Staff Obligations and Responsibilities

- 4.1.1 All employees authorised by the Permit Holder to undertake waste management operations on his/her behalf, shall be fully conversant with the obligations of this Permit and shall be individually aware of their responsibilities and liabilities in observing the conditions of this Permit.

- 4.1.2 One member of the staff shall be nominated as the Technically Competent Person (TCP) of the site, whereby this person is to physically represent the Permit Holder during the times when the Permit Holder will not be available.
- 4.1.3 Where the Permit Holder is also the designated TCP for the facility, a delegate TCP should also be appointed to represent the Permit Holder/TCP during the times when the Permit Holder/TCP will not be available.
- 4.1.4 The TCP is responsible for the implementation of all the obligations stipulated in this Permit, must supervise the rest of the staff on site and is completely responsible to ascertain that all Permit conditions are being adhered to and that unauthorised waste does not enter the site.
- 4.1.5 In the event of any leave of absence taken by the TCP and delegate conjointly for a period exceeding ten (10) days, the Permit Holder is obliged to find a replacement for that member of staff without delay and the Authority informed accordingly.
- 4.1.6 All the staff on site shall be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the operations being carried out on site.

4.2 Accident Prevention and Control

- 4.2.1 An Emergency Response Plan shall be maintained containing details of the location, nature and quantity of chemicals, oils and fuels stored, any special hazards, a drawing showing location of drains and the emergency phone numbers of the Permit Holder and relevant authorities. It shall also include actions to be taken in the case of incidents which could affect the environment, such as fires and chemical/fuel spills. The emergency plan shall indicate that accidental releases of chemicals and fires caused by chemicals are to be managed as specified in the respective SDS.
- 4.2.2 In the case of an accident (including chemical spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 4.2.1 and shall notify the Authority within twenty four (24) hours.
- 4.2.3 Spillages of chemicals or other hazardous material shall receive immediate attention to prevent escape to drain, surface water or land. Spilled material shall be disposed of in an appropriate manner. Kits for the collection of liquid and powder spills shall be available on site at strategic locations.
- 4.2.4 Small leaks or spills shall be cleared up immediately by the application of absorbent materials. All used absorbent materials shall be disposed of as hazardous waste at facilities permitted to accept such waste. Transfer of this waste shall be carried out as per conditions specified in section 3.5 of this Permit.
- 4.2.5 The Permit holder shall have in storage an adequate supply of suitable absorbent material to absorb any spillage.

4.3 Site Records

4.3.1 A site daily operations log shall be made in a legible manner and kept on site and be made available for inspection by the Authority at any reasonable time. The following information shall be recorded on a daily basis and retained for five (5) years:

- a. Any incidents that took place on site such as mechanical faults in machinery or equipment used on site, any spills, fires, etc and the remedial action taken;
- b. Any other incidents that the Permit Holder deems important to record in the Site daily operations log;
- c. Any complaints related to the operations at the site;
- d. Any maintenance and inspections carried out on machinery and equipment; and
- e. Any defects or damage to the Site Security System.

Each record shall be compiled within twenty four (24) hours of the relevant event. The records kept in the daily operational log shall be made available for inspection at any time when the Authority representative request to inspect them.

4.3.2 The Permit Holder shall maintain a record of the skills and training requirements for all staff whose tasks in relation to the Permitted Installation may have an impact on the environment and shall keep records of all relevant training.

4.3.3 The Permit Holder may wish to establish 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 it is properly designed and implemented. Guidance for a non-standardised system is included in Schedule 4 of this permit.

4.4 Closure and Decommissioning

4.4.1 The Permit Holder shall notify the Authority prior to ceasing operations permanently in part or in full, whereby an application for cessation of operations shall be made to the Authority and shall include a decommissioning plan.

4.4.2 In the event of cessation of operations on the site, the Permit Holder shall remain responsible for all wastes and hazardous materials on site, which shall be removed from the site in accordance to good environmental practice and in such a manner that minimises environmental risks.

4.4.3 The Decommissioning Plan shall be implemented once approved by the Authority and within twelve (12) months of final cessation of operations or as agreed with the Authority in writing.

4.4.4 The obligations arising from this Permit shall subsist until the Authority confirms in writing that the decommissioning plan has been implemented to its satisfaction.

4.4.5 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.

4.5 Reporting

- 4.5.1 The Permit Holder shall submit to the Authority an Annual Environmental Report (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.
- 4.5.2 All reports and written and/or verbal notifications required by this Permit shall be made and sent to the Authority addressed to the Compliance and Enforcement Unit, Environment and Resources Authority.
- 4.5.3 In the event where operations cease temporarily (two (2) weeks or more), the TCP or Permit Holder are obliged to notify the Authority within two (2) days and are also to inform the Authority with regards to when the works are intended to resume.

5. Ozone Depleting Substances

- 5.1 No new equipment or components (including refrigeration and firefighting equipment or insulation foam) containing substances falling within the scope of EC Regulation No. 1005/2009 on substances that deplete the Ozone Layer & S.L. 549.58, Substances depleting the ozone layer regulations shall be installed within the site.

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 Incidents and Complaints**S1.2.1 Non-Compliance Incidents during Reporting Year**

Date of incident	Brief description of Incident	Cause	Corrective action

Total number of non-compliance incidents for the previous reporting period:	
Total number of non-compliance incidents for the current reporting period:	

S1.2.2 Complaints made by the public or through Authority

Date of complaint	Description of complaint	Actions taken

Total number of complaints for previous reporting year:	
Total number of complaints for current reporting period:	

S1.3 Monitoring Data

S1.3.1 Emissions to the Marine Environment

Parameter	Emission point reference	Limit Value	Standard methodology used	Total annual number of exceedances ¹	Concentration (Annual Average)	Unit	Total Annual Load	Flow rate (m ³ /hr)
Temperature	ED2	5°C above ambient at outlet				°C		
pH	ED2	6-10				n/a		
Total residual chlorine	ED2	0.3				mg/L		
Total suspended solids (TSS)	ED2	35				mg/L		
Ambient Temperature at Outlet	ED2	n/a				°C		

¹ If the total number of exceedances exceeds 0, the value of each of these exceedances (for the reporting year) must be submitted in a separate report, together with action taken to regularise the situation.

S1.4 Submission of certificates/monitoring

Requirement/documentation	Submission date	Tick (✓)
Improvement Programme Item as per Table 1.4.1	As per timeframe in table 1.4.1	<input type="checkbox"/>
Monitoring results for ED2 (conditions 3.2.5 and 3.2.7)	Every year ¹	<input type="checkbox"/>
Certificates of analyses and accreditation certification of laboratory that carried out the sampling and/or chemical analyses of ED1 ² (condition 3.2.9)	Every year	<input type="checkbox"/>
Submission of the Annual Environment Report (AER) (condition 4.5.1).	Every year	<input type="checkbox"/>
Certificate of integrity and chemical compatibility for secondary containment for sulphuric acid (condition 3.6.1)	i. As per timeframe in Improvement Programme ii. Within the next renewal application	<input type="checkbox"/>

Applicant's declaration		
<i>I declare that, to the best of my knowledge, all the above information is correct and substantiated.</i>		
..... Name <i>(in block letters)</i> ID Card Number on behalf of / in my own name <i>(in block letters)</i>
..... Signature Date	

¹To be carried out two times annually and submitted as part of the AER.

Schedule 2 (a)

Site Map

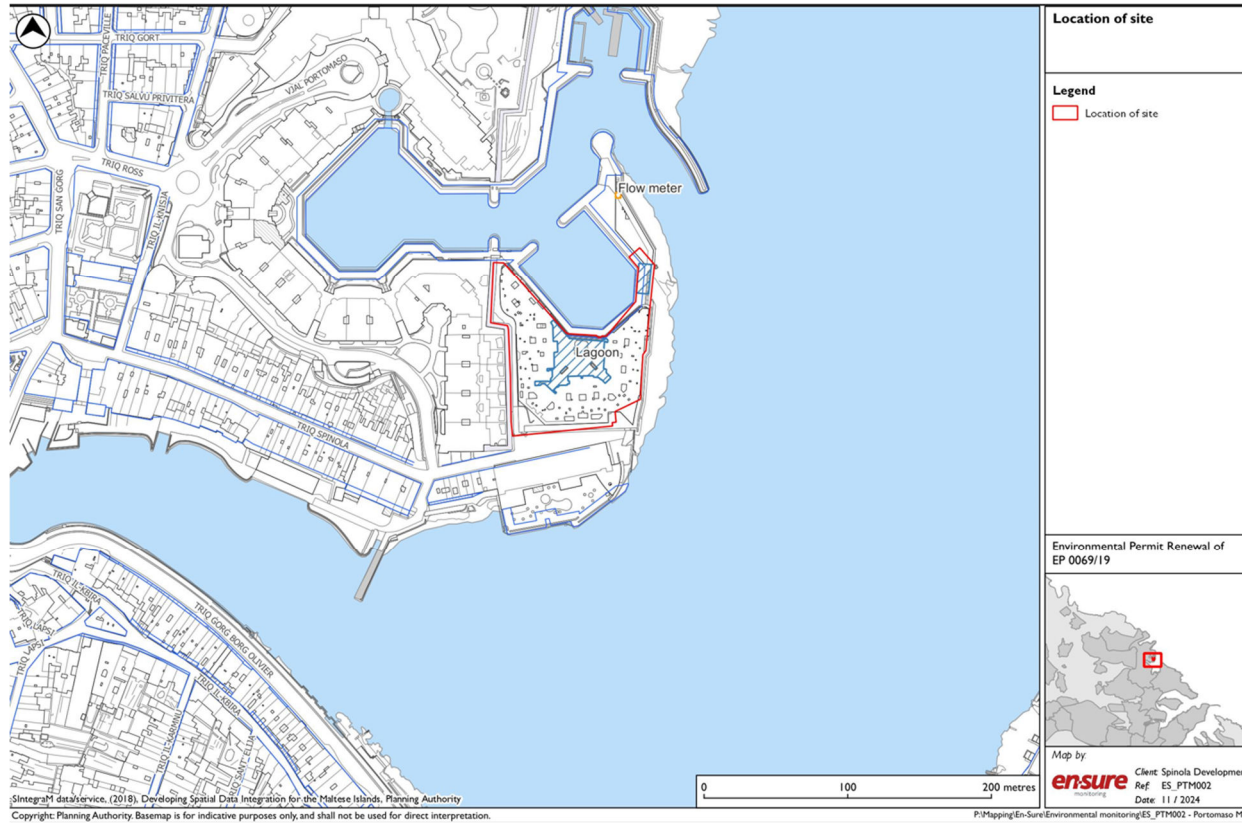


Fig. S2.1: Site of permitted installation, showing the extent of the area in blue outline and including flowmeter for the carrying out of the operations specified in condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 2 (b)

Site layout map – Emission point to sea

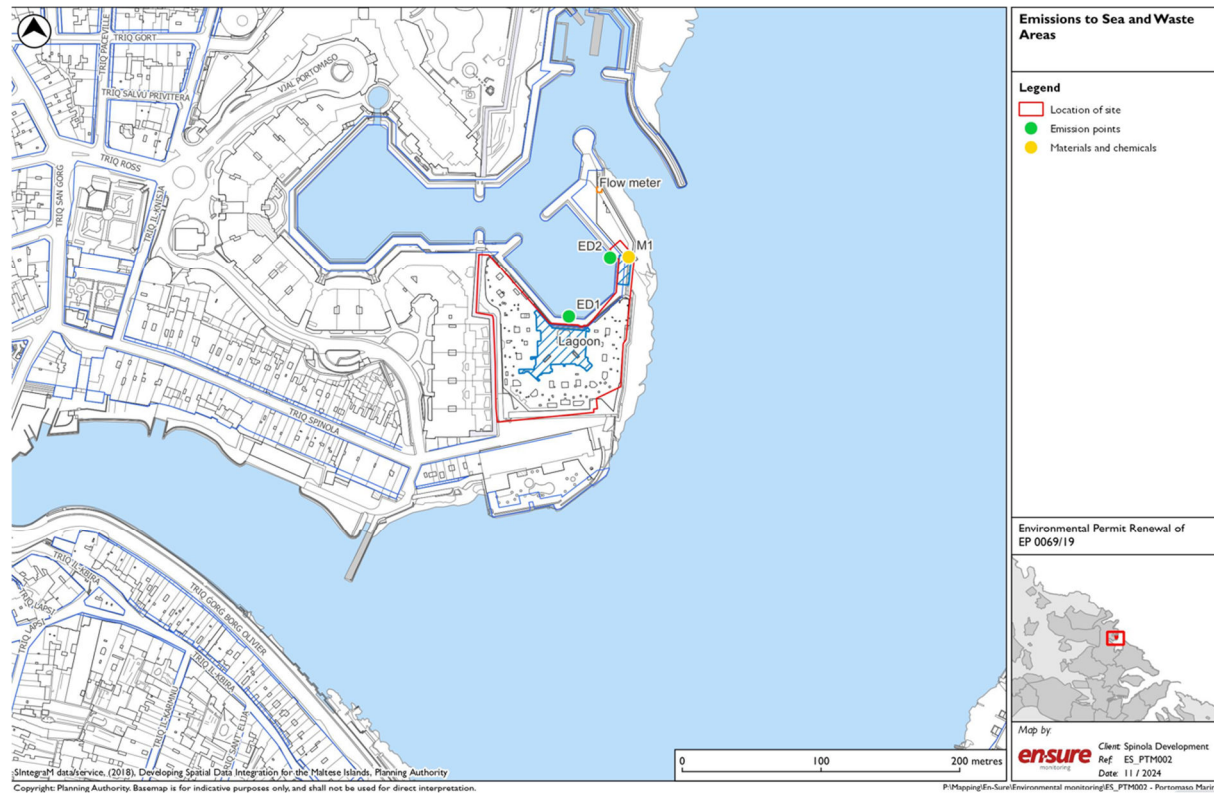


Fig. S2.2: Site layout of the permitted installation to undertake the activities specified in condition 1.1.1, showing the location of emission points to sea. The point locations are indicative and shall not be used for interpretation purposes.

Schedule 3

Minimum requirements for an Environment Management System (EMS)

1. Management and Reporting Structure

This should in particular include the name of the person who will be responsible for managing environmental aspects of the installation. Relevant qualifications and experience should be listed, together with contact details (including a mobile number for emergency purposes).

2. Environmental Objectives and Targets

The section should include a review of all operations and processes, a commitment by the operator to continuous improvement, and identification of priority areas where improvement to the operations is necessary and practicable, such as:

- a. recycling of materials;
- b. minimisation of waste;
- c. efficient use of resources (especially water and energy);
- d. use of biodegradable chemicals;
- e. minimising use of solvents;
- f. procedures to minimise noise disturbance to neighbours;

Targets should be set for priority areas identified (e.g. minimising waste generation by __% annually).

3. Environmental Management Programme (EMP)

This should include a time schedule for achieving the Environmental Objectives and Targets prepared under point 2 above. The time schedule should cover a period of 5 years. The EMP should include:

- a. designation of responsibility for targets;
- b. the means by which they may be achieved;
- c. the time within which they may be achieved.

Targets and performance should be reviewed annually as part of the EMS.

4. Documentation

A system of documentation should be established to ensure that records are kept of the priority areas chosen according to point 2. In addition, the operator should issue a copy of the environmental permit to all relevant personnel whose duties relate to any condition of the permit.

5. Corrective Action

The operator should establish procedures to ensure that corrective action is taken should the specified requirements of the environmental permit not be fulfilled. The responsibility and authority for

initiating further investigation and corrective action in the event of a nonconformity with the environmental permit should be defined

6. Awareness and Training

The operator should establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have an effect on the environment. Appropriate records of training should be maintained.

7. Maintenance Programme

The operator should establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing should support this maintenance programme.

The licensee should clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel

END OF PERMIT