Environmental Permit

Environment and Development Planning Act (CAP. 549)

Permit number
EP 0040/17/A

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:

SeaLand Fish Farm Ltd. (hereinafter "the Operator" or "the Permit Holder"),

Of / Whose Registered Office (or principal place of business) is at

Ta' Rkuplu,
St. Paul's Bay
Xemxija

(Company registration number: **C 13217**)

to operate installations at

SeaLand Fish Farm Ltd.
Ta' Rkuplu,
St. Paul's Bay
Xemxija

to the extent authorised by and subject to the conditions of this Permit.

This permit is valid for **four (4) years** from the date below. An application for renewal of this permit is to be submitted at least six months prior to expiry of this permit.

Signed	Date
Profs. Victor Axiak Chairman	06 / 06 / 18

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 EP Application, or as otherwise previously agreed in writing by the Authority.

1.1 Status Log

Detail	Date
EP application	8th August 2017
Pre permit inspection	3rd August 2017
Permit Issued	6th June 2018

1.2 Permitted Activities under the EPA

1.2.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.2.1.

Table 1.2.1

Activity	Description of specified activity	Limits of specified activity
Facility for the holding of live marine species for human consumption NACE code 03.21	Associated operations related to holding of live marine species for human consumption	From receipt of live specimens of species specified in table 1.4.1 to dispatch of species for local distribution and export. From abstraction of seawater from seawell (35°56'45.3"N 14°22'59.7"E) to utilisation within internal recirculation system and disposal of treated effluent through the permitted discharge point (35º 56'45.4"N 14 º23'00.9"E).
Associated activity of cleaning, repair and maintenance of facility and equipment	Maintenance carried out on generator, chillers, filters and cleaning of tanks and facility	From maintenance activity, to appropriate recovery/ disposal of any wastes generated
Associated activity of disposal / recycling of waste materials	Handling, storage and disposal/ recovery of wastes from installation	From generation of waste to disposal or recycling off site

1.3 Site

1.3.1 The activities authorised under condition 1.2.1 shall not extend beyond the Sites, as shown on the Site Map in Schedule 2 of this Permit.

1.4 General Conditions

1.4.1 Table 1.4.1 lists the species authorised for holding within the permitted installation

Table 1.4.1		
Scientific Name	**Common Name**	**Maximum Permitted holding capacity**
Homarus gammarus	European lobster	7,000 kg at any one time
Palinurus elephas	Spiny lobster	
Cancer pagurus	Brown crab	
Crassostrea Gigas	Oyster	

1.4.2 Further to condition 1.4.1, the permit holder shall not introduce any new species to the facility, and/or increase the holding capacity unless through a variation to the permit.

1.4.3 *Crassostrea Gigas* shall only be kept in boxes in the cold room on site and shall at no time be introduced into the holding tanks.

1.4.4 The conditions and obligations of this permit are without prejudice to any other regulation, code of practice, conditions or requirements requested by other Authorities or entities, including but not limited to, the Planning Authority, the Occupational Health and Safety Authority, Malta Transport and the Regulator for Energy and Water Services (REWS).

1.4.5 This permit is granted saving third party rights. The Permit Holder is not excused from obtaining any other permission required by law.

1.4.6 A copy of this permit shall be available at all times on site at the permitted facility, including any Variation Notices or amendments to it.

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

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

1.4.9 The site must be well secured at all times.

1.4.10 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, location, source and nature of the complaint and the corrective action undertaken, where such action proves necessary.

1.4.11 A Site Notice shall be installed and displayed in a prominent position such as to be readily visible by the public. The notice shall contain the following information.

1.4.11.1 State that the site operates under an Environmental Permit issued by ERA.

1.4.11.2 Provide the Permit Number and the name of the Permit holder.

1.4.11.3 Provide a 24-hour emergency contact name and telephone number for the Permit holder.

1.4.12 All the plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition and without causing potentially polluting leaks and spillages. The operator shall keep maintenance records.

1.4.13 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, particularly on those 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.

1.4.14 The Authority may, on the joint application of an operator and a proposed transferee, transfer to the proposed transferee the environmental permit. The transfer of the permit will not relieve any of the operators from his environmental obligations or liabilities

1.4.15 The Authority shall carry out compliance checks that vary in frequency according to the site's compliance with the permit conditions. Any such checks carried out by the Authority may be made at the Permit Holder`s financial expense.

1.4.16 The Authority's representatives are empowered to inspect every part of the site and ask for any closed or locked areas to be opened. They are also entitled to be given any proof, documentation, plans, receipts or any other records which these Authority representatives may request.

1.4.17 The Authority may add, amend, substitute or revoke 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, without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.

1.4.18 The validity of this permit is until 6th June 2022. The Permit Holder may renew the permit upon application with the Authority expressing his/her intention at least six (6) months prior to the expiry of the permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.

1.4.19 This permit is issued against a Bank Guarantee of €12,350 which shall be renewed annually. This guarantee will have to be maintained throughout the lifetime of the permit. Following renewal and/or variations to this permit, the Authority may require amendments to the Bank Guarantee.

1.4.20 The Authority may take part or all of the financial guarantee if the Permit Holder fails to take the necessary action, in cases of non-compliance with these permit conditions, the Act or any subsidiary legislation thereof, or in cases where environmental integrity is threatened. This bank guarantee is without prejudice to any environmental liabilities incurred by the operator through failure to adhere with permit conditions. Should the Authority forfeit the Bank Guarantee either in part or in full, the operator shall ensure that this is replenished without undue delay.

1.4.21 A copy of this permit should be available at all times at the site office, including any Variation Notices or amendments to it.

1.4.22 The Authority may suspend or revoke this environmental permit or part of this environmental permit where significant mismanagement of the site is observed or any of the permit conditions are not respected after a written warning is given by the Authority or in any eventuality that gives the Authority enough reason to revoke this permit. .

1.4.23 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. Any required monitoring and/or audits shall be carried out at the expense of the Permit Holder.

1.4.24 Without prejudice to condition 1.4.21, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.

1.4.25 The Operator shall undertake all necessary measures and precautions to prevent spillage of raw materials, intermediates, products, waste and any other materials.

1.5 Improvement Programme

1.5.1 The Operator shall complete the improvements specified in Table 1.6.1 by the date specified in that table, and shall send written notification of completion of each requirement to the Authority within 10 working days of completion of each requirement.

Table 1.5.1: Improvement programme

Reference	Requirement	Deadline
1.	Submission of preliminary effluent characterisation to be carried out during first discharge through the seawell, as outlined in condition 2.2.13 below.	Within timeframes agreed upon by the Authority
2.	Installation of a site notice as per condition 1.4.9	Within 1 month of issue of the permit
3.	Submission of a contingency procedure in case of spillages	within 1 month of issue of the permit
4.	Registration of domestic cesspit with the Superintendence for Public Health.*	Within 2 months of the date of issue of the permit
5.	Submission of certification from a third party warranted engineer confirming that all cesspits are in line with the requirement of Schedule 1, activity 43 of S.L. 549.45.	Within 3 months of the date of issue of the permit
6.	Submission of the Public Sewer Discharge Permit in relation to indirect discharges to the sewer from the cesspit.*	Within 3 months of issue of the permit
7.	Submission of certification from a third party warranted engineer confirming appropriate secondary containment of the bund surrounding the generator/ diesel tank.	Within 3 months of issue of the permit

***To be enforced by the relevant Authority/ Entity**

1.6 Operational Changes

1.6.1 The operator 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.

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

1.6.2.1 cessation of operation of part or all of the Permitted Installation for a period likely to exceed 1 year; and

1.6.2.2 resumption of the operation of part or all of the Permitted Installation after a cessation notified under condition 1.6.2.1.

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

1.6.3.1 any change in the Permit Holder's trading name, registered name or registered office address;

1.6.3.2 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).

2 Operating Conditions

2.1 Emissions to Air

2.1.1 All processes which generate significant levels of airborne contaminants (such as dusts, toxic gases, odour 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 to minimise impact on human health and the environment or as otherwise agreed upon with the competent Authority.

2.1.2 Emissions to air shall only arise from the emission points specified in Table 2.1.2, as shown in the site plan figure S2.1.

Table 2.1.2 : Emission points to air

Emission point references[1]	Source
PS 1	Stand by generator

2.1.3 Should the Operator 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.

2.1.4 Diesel (gas oil) used for the generators shall have a Sulphur content not greater than 0.1%.

2.1.5 Only diesel (gas oil) shall be utilised as a source of fuel for the generators and 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 the notification and approval of the Authority prior to commencement of its utilisation.

[1] According to Section 7 of the original Environmental Permit application

2.1.6 The Authority may request emissions monitoring from generators as deemed necessary. The operator shall submit certification for the emergency generator referred to Table 2.1.2 from an independent warranted engineer every 4 years or one year prior to the expiry of the permit, whichever comes first. The certification shall be submitted as part of the Annual Environmental Report (AER).

2.1.7 The generator shall be compliant with the provisions of S.L 549.59, Ambient Air Quality Regulations, and any other applicable subsidiary legislation

2.1.8 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.

2.1.9 In the case of breakdown or equipment malfunction, the Operator shall reduce or close operations as soon as practical until normal operation can be restored.

2.1.10 In the event of malfunction or breakdown leading to abnormal emissions, the Operator must:

a) Investigate immediately and undertake corrective action, and

b) Adjust the process or activity to minimise those emissions, and

c) Record the events and actions taken.

d) In the event of non-compliance causing immediate danger to the environment, operation of the activity must be suspended and the Competent Authority informed within 24 hours.

2.1.11 Further to condition 2.1.10, the operator shall, at the written request of the Authority and within 10 working days, identify the specific cause of the of the abnormal emission and examine means for its elimination or minimisation including:

a) Relocating / redesigning /extending the stack(s) or vent(s) to a point where the issue is minimised.

b) Replacement of fuel.

c) Preventative measures such as replacement of process materials (e.g. odorous solvents) by more environmentally sensitive compounds.

d) Improved storage of materials.

e) Use of additional abatement measures.

2.1.12 All abatement equipment and ducting shall be cleaned and maintained on a regular basis and record of such maintenance is to be kept in accordance with Condition 3.1 of this permit (as per manufacturer specifications).

2.1.13 The Operator shall prevent or where that is not practicable reduce fugitive emissions of substances to air from the Permitted Installation. Any alternative techniques to be applied by the Operator shall be no less effective and shall be approved in writing by the Authority prior to their implementation.

2.2 Effluent discharges

General conditions

2.2.1 The operations of the installation shall not hinder the achievement of good status for surface and groundwater as required under the Water Policy Framework Regulations, S.L 549.100.

2.2.2 The operator 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 operator shall also not allow any discharges to groundwater for substances other than those specified in the Regulations unless specifically permitted by the Malta Resources Authority.

2.2.3 Process effluents generated during water changes shall pass through U.V sterilisation prior to entering the sedimentation tank for eventual discharge through E1.

2.2.4 Process effluents shall not be diluted prior to discharge to sea or transfer off-site.

2.2.5 The effluent discharged shall not contain any scum, foam or other residual matter.

2.2.6 Discharges to the marine environment shall only take place through the discharge points specified in Table 2.2.1 and only from the source of the discharge point, as per E1 as shown in the site plan figure S2.1.

Table 2.2.1: Emission point to marine environment

Emission Point Reference	Source	UTM coordinates (Easting, Northing)
E1	Sedimentation tank	35°56'45.4"N 14°23'00.9"E

2.2.7 The operator is to keep a record of days when discharge is carried out and the volume of effluent discharged from the emission point.

2.2.8 No chemicals shall be utilised unless prior approval by the Authority is obtained.

2.2.9 The operator shall ensure that maintenance of all equipment used for treatment of the effluent indicated in table 2.2.1 is carried out on a regular basis and as per the equipment specifications. Records of such maintenance shall be recorded and made available to the Authority upon request.

2.2.10 Clean rainwater shall be segregated from all process areas that are potentially contaminated with raw materials, intermediates and products.

2.2.11 Any biological waste collected in the sedimentation tank, shall be collected and disposed of appropriately.

2.2.12 The Authority may request the operator to install further mitigation measures if deemed necessary or if the mitigation measures installed are not deemed to be sufficient.

Monitoring of physico-chemical analyses

2.2.13 The permitted discharges to the marine environment shall comply with the emission limit values in Table 2.2.2. as total concentrations in the sample.

Table 2.2.2: Emission limits to the marine environment

No	Parameter	Annual average Emission Limit Value
1	Temperature	8°C above sea water
2	Total Suspended Solids[1]	35 mg/L
3	Total Nitrogen [2]	10 mg/L
4	Total Phosphorus	1 mg/L
5	Ammonia	N/A (mg/L)
6	Salinity	N/A (psu)

2.2.14 Prior to the first discharge of effluent, the Operator shall carry out analyses for the parameters in Table 2.2.2, in order to characterise the effluent being discharged from point E1. In order for the data from this exercise to be statistically analysed, the operator is required to take a minimum of 2 replicates.

2.2.15 The results obtained from the above monitoring shall be submitted to the Authority within one month of sampling and shall include details of the methodologies utilised and the associated detection limits including volumes discharged and frequency.

2.2.16 Based on the results obtained, the Authority may amend the list of parameters to be monitored during the next reporting period and request any additional abatement.

2.2.17 The above limits 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.

2.2.18 The results obtained from the characterisation exercise may require the operator to submit an action programme to the Authority aimed at reducing the emission limits of certain parameters. This requirement shall be communicated by the Authority if deemed necessary.

2.2.19 No discharge to sea shall occur from the permitted installation until confirmation in writing is received by the Authority that until such time that above mentioned characterisation exercise has been approved and that the discharge parameters and ELVs have been confirmed.

Other discharges

2.2.20 Waste from the portable ablution facilities shall be regularly removed from site and records and receipts kept of such removal operations. Data in this regard shall be submitted in the Annual Environment report.

[1] EN 872:2005.

[2] Total nitrogen means: the sum of total Kjeldahl nitrogen (organic N + NH_3) nitrate (NO_3) – nitrogen and nitrite (NO_s)-nitrogen.

2.2.21 Rainwater shall not be discharged into the sewer. Foul sewer drains must be strictly segregated from stormwater drains.

2.2.22 All process and storage areas must be appropriately contained.

2.2.23 Cesspits shall be constructed according to the requirements of Subsidiary Legislation 549.45, Activity 43 as follows:

2.2.22.1 Cesspits are to be constructed in such a manner so as not to allow any leakages or spillages to the surrounding environment, and are designed in such a manner as to safely contain the type of waste that they are designated to store.

2.2.22.2 Cesspits are appropriately designed to avoid the accumulation of explosive, toxic or corrosive gasses.

2.2.22.3 The area surrounding the cesspit should be covered with impervious material and laid to fall towards the cesspit.

2.3 Emissions to Land

2.3.1 No emissions from the Permitted Installation shall be made to land.

2.3.2 In the event of accidental contamination of land, the operator shall notify the Authority within 24 hours, forward a decontamination plan for the Authority's approval and execute it within an agreed time frame.

2.4 Waste

Waste storage and handling

2.4.1 All operations concerning the management of waste are subject to Subsidiary Legislation 549.63, the Waste Management Regulations, and Subsidiary Legislation 549.45, the Waste Management (Activity Registration) Regulations.

2.4.2 All wastes shall be stored within a designated and controlled storage area(s) prior to ultimate disposal.

2.4.3 Wastes to be recycled shall be stored in a designated container or area and shall not be mixed with other wastes.

2.4.4 The storage of Hazardous Waste should comply with the requirements of the Subsidiary Legislation 549.45, the Waste Management (Activity Registration) Regulations.

2.4.5 Any liquid or hazardous wastes shall be stored in a labelled, closed container(s) within a designated and controlled storage area(s) prior to ultimate disposal. Wastes of different natures shall not be mixed in the same container.

2.4.6 All wastes leaving the site after storage and/or processing must only be sent to facilities licensed to accept the individual waste stream, either locally or abroad.

2.4.7 Packaging material which came into contact with hazardous substances shall be regarded as hazardous waste and stored in dedicated waste management areas.

2.4.8 No storage of waste destined for disposal is permitted for a period exceeding 12 months.

2.4.9 No storage of waste destined for recovery is permitted for a period exceeding 3 years.

2.4.10 On-site disposal of wastes by any means including burning, disposal to drain or surface water, burying or deposition on land is prohibited.

2.4.11 Producers of packaging shall register with the Authority and provide the required information, as well as achieve the targets as set out in S.L. 549.43, Waste Management (Packaging and Packaging Waste) Regulations. Documentation as evidence of such should be maintained for a period of 3 years and be made available, upon request by the Authority.

2.4.12 The operator is to prevent litter or other wastes escaping from the site boundaries, particularly during loading/unloading. Any such escape of waste shall be collected immediately upon detection.

2.4.13 No storage of waste, equipment or materials is permitted on property outside the site premises.

2.4.14 Transboundary movement of waste shall be carried out in accordance with the following regulations, as amended from time to time:

(a) Regulation (EC) N° 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste

(b) Commission Regulation (EC) N° 1418/2007 of 29 November 2007 concerning the export for recovery of certain waste listed in Annex III or IIIA to Regulation (EC) N° 1013/2006 of the European Parliament and of the Council to certain countries to which the OECD Decision on the control of transboundary movements of waste does not apply.

(c) any other applicable legislation.

2.4.15 The Permit Holder shall ensure to keep records for every consignment of wastes removed from the Site 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.

2.4.16 Disposal certificates shall be kept on record and made available for inspection for a period of at least 3 years from date of their issue.

2.4.17 Movement of hazardous waste to authorised facilities shall be covered by a valid consignment permit obtainable from the Competent Authority. Each movement shall also be covered by a consignment note obtainable from the Authority.

2.4.18 Dead specimens shall not be disposed of into the environment.

2.4.19 Disposal of animal carcasses shall be carried out as directed by the Veterinary and Phytosanitary Regulation Division.

2.5 Storage

2.5.1 All containers for bulk fuel, oil, chemicals and liquid waste storage shall be properly designed, located, labelled, bunded and maintained so as to prevent accidental spillage. Incompatible chemicals shall not be stored within the same bund. 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 all the tanks within the bund, whichever is greater and shall be impermeable. All filling and off-take points shall be located within the bund.

2.5.2 Chemicals of different properties shall be stored as specified in respective MSDS 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.

2.5.3 Drums and containers of paints/solvents/chemicals/oils shall be stored in designated and secure storage areas. Storage areas shall be bunded or otherwise designed so that surface and ground waters cannot be contaminated by spillages.

2.5.4 The Authority may request that bunds on site must be tested and certified to be leak-proof by an independent, warranted architect or engineer.

2.5.5 Spillages of oil 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.

2.6 Ozone Depleting Substances and Fluorinated Greenhouse Gases

2.6.1 All installation, maintenance and servicing of equipment containing Fluorinated Greenhouse Gases (namely refrigeration, firefighting, electrical switchgear) shall abide by the requirements of Regulation (EU) No 517/2014 on fluorinated greenhouse gases and repealing Regulation (EC) No. 842/06, Commission Regulation (EC) Nos 1516/07, 304/08, 306/08, 1497/07, 307/08, 1191/14, 2065/15, 2066/15, 2067/15, 2068/15, 879/16 and Subsidiary Legislation 549.55, the Regulations on Certain Fluorinated Greenhouse Gases.

2.6.2 Upon decommissioning of all equipment containing substances falling within the scope of Regulation (EU) No 517/2014 on fluorinated greenhouse gases and repealing Regulation (EC) No. 842/2006, or containing foam and insulation panels utilising such substances. The waste gas shall be treated as hazardous waste and any foam containing components need to be disposed of at specialised facilities where possible ODS/ F-gas can be extracted prior to disposal.

2.6.3 No new equipment or components (including refrigeration and fire fighting equipment or insulation foam), containing substances falling within the scope of EC Regulation No. 1005/2009 on substances that deplete the Ozone Layer & Subsidiary Legislation 549.58 Substances that deplete the Ozone Layer, regulations, shall be installed within the site.

2.6.4 Any new equipment installed on site utilising Fluorinated Greenhouse Gases, information pertaining to installation, maintenance and servicing shall be provided as prescribed in Schedule 2 when any equipment is replaced by new equipment, the authority shall be notified in this regard and details provided on the new equipment installed.

2.7 Accident prevention and control

2.7.1 Contingency procedures for incidents shall be in place which shall include actions to be taken in the case of incidents which could affect the environment, such as chemical / fuel spills. The procedures shall indicate how accidental releases of chemicals and fuels are to be managed as specified in the respective MSDS sheets.

2.7.2 Spillages of oil or other hazardous materials 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 sensitive locations.

3 Records

3.1 The Operator 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:-

3.1.1 be made available for inspection by the Authority upon request;

3.1.2 be supplied to the Authority on demand and without charge and in the format requested;

3.1.3 be legible;

3.1.4 indicate any amendments which have been made and shall include the original record wherever possible; and

3.1.5 be retained at the Permitted Installation, or other location agreed by the Authority in writing, for a minimum period of 5 years from the date when the records were made, unless otherwise agreed in writing.

3.2 A daily operations log should be kept on site in which the following information shall be recorded on a daily basis:

3.2.1 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.

3.2.2 Any maintenance and inspections carried out on machinery and equipment

3.2.3 Complaints on the permitted facility originating from third parties or regulatory bodies including details about the location of origin.

3.3 Each record shall be compiled within 24 hours of the relevant event. The records kept the daily operations log shall be available for inspection at any time when the Authority representatives request to inspect them.

4 Reporting

4.1 All reports and written and/or verbal notifications required by this Permit shall be made and sent to the Authority using the contact details notified in writing to the Operator by the Authority.

4.2 The Operator 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.

4.3 The Operator shall keep a log of the annual production capacity and report it accordingly in the AER.

5 Management and Technically Competent Person

5.1 All employees authorised by the Permit Holder to undertake activities 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.

5.2 One member of the staff should 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.

5.3 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.

5.4 The TCP is to be present at all times on site and in her/his absence another member of staff is to substitute him/her temporarily. In the event that a TCP terminates her/his employment,

another person shall be appointed as a TCP immediately and the Authority shall be informed of this change.

5.5 In the event of any short or long periods of sick leave or vacation leave taken by the TCP for a period exceeding 10 days, the Operator is obliged to find a replacement for that member of staff without delay;

5.6 In the event where operations cease temporarily, 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.

5.7 All the staff on site should be fully aware of the procedures to be taken to contain any environmental hazard which may arise related to the activities being carried out on site.

6 Closure and decommissioning

6.1 In the event of cessation of operations on the site, all wastes (including machinery and associated equipment) and hazardous materials (including fuels and chemicals) must be removed from the site such that any pollution risk is avoided and the site is returned to a satisfactory state. The Operator shall notify the Authority immediately upon a decision being taken to cease operations. In the case of full decommissioning, applicant shall submit a decommissioning plan in accordance with the terms of reference provided by the Authority for approval by the relevant Authorities. Surrender of the permit will be accepted following decommissioning as per agreed method statement and following confirmation that all necessary actions have been taken and records required by the Authority have been submitted.

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	Sulphur Content of Fuel [2]	Fuel Consumption	Units
				tonnes
				tonnes

S1.3 Annual production capacity of live marine species

Year	Total production capacity

S1.4 Waste

S1.4.1 Off-site transfers and exports of hazardous waste

Date of transfer	EWC Code	Quantity of waste (in kg)	Consignment note number	Name of facility receiving the waste

[1] E.g. Boiler, generator, vehicles, etc. For vehicles, indicate only any fuel which is loaded on site (not at petrol stations).
[2] Specify units (e.g. as percentage, or mg/kg)

S1.4.2 Transport

Name(s) of registered waste carrier used during reporting year	Waste type(s) transported

S1.5 Data on Ozone depleting substances & Fluorinated greenhouse gases.

S1.5.1 Registration of equipment

Equipment code	Type of equipment	Use	Charge		Type of substance
			Kg	CO_2(eq)	
EQ 1					
EQ 2					
EQ 3					
EQ 4					
Continue as required					

S1.5.2 Maintenance Schedule[1]

Data Submitted for each scheduled inspection[2]	Equipment Code							
	EQ 1	EQ 2	EQ 3	EQ 4	EQ 5	EQ 6	EQ 7	Continue as required
Date of inspection								
All amounts of leakages detected (in Kg/ CO_2 equiv[3])								
Actions taken to eliminate such leakages								
Quantity and nature of the substances involved								
Serial number of the personnel involved								
Quantities added[4] and/or recovered (in Kg/ CO_2 equiv).								

[1] (a) for equipment that contains fluorinated greenhouse gases in quantities of 5 tonnes of CO_2 equivalent or more, but of less than 50 tonnes of CO_2 equivalent: at least every 12 months; or where a leakage detection system is installed, at least every 24 months; (b) for equipment that contains fluorinated greenhouse gases in quantities of 50 tonnes of CO_2 equivalent or more, but of less than 500 tonnes of CO_2 equivalent: at least every six months or, where a leakage detection system is installed, at least every 12 months; (c) for equipment that contains fluorinated greenhouse gases in quantities of 500 tonnes of CO_2 equivalent or more: at least every three months or, where a leakage detection system is installed, at least every six months.

[2] Table to be repeated for every scheduled inspection as per 'footnote 1' above.

[3] Carbon Dioxide equivalent – use Annex 1 and Annex IV of EC517/2014 for calculation.

[4] The quantities of added fluorinated greenhouse gases are from recycled or reclaimed stocks, please include the name and address of the recycling or reclamation facility and, where applicable, the certificate number

S1.6 Monitoring Data

S1.6.1 Emissions to sea: Summary of monitoring data from emission point E1

Emission point reference	Parameter	Limit Value	Standard methodology used	Concentration (Annual Average)	Unit	Total Annual Load	Unit
E1	Temperature	8°C above sea water			°C		
	Total Suspended Solids[1]	35 mg/L			mg/L		
	Total Nitrogen [2]	10 mg/L			mg/L		
	Total Phosphorus	1 mg/L			mg/L		
	Ammonia	N/A (mg/L)			mg/L		
	Salinity	N/A (psu)			psu		

[1] EN 872:2005.

[2] Total nitrogen means: the sum of total Kjeldahl nitrogen (organic N + NH_3) nitrate (NO_3) – nitrogen and nitrite (NO_s)-nitrogen.

S1.7 Incidents and Complaints

S1.7.1 Non-Compliance Incidents during Reporting Period

Date of incident	Brief description of Incident	Cause	Corrective action

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

S1.7.2 Complaints made by the public or through Authority

Date of complaint	Description of complaint	Actions taken

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

S1.8 Submission of certifications and documentation

Condition Number	Documentation
1.5.1	Improvement Programme Items as per Table 1.5.1
2.2.13 and 2.2.14	Submission of the effluent characterisation results
2.2.17	The results obtained from the characterisation exercise may require the operator to submit an action programme to the Authority aimed at reducing the emission limits of certain parameters. This requirement shall be communicated by the Authority if deemed necessary.
2.1.6	Submission of certification for the generators referred to Table 2.1.1
4.2	Submission of Annual Environmental Report
4.3	Submission of a log of the annual production capacity of live marine species

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

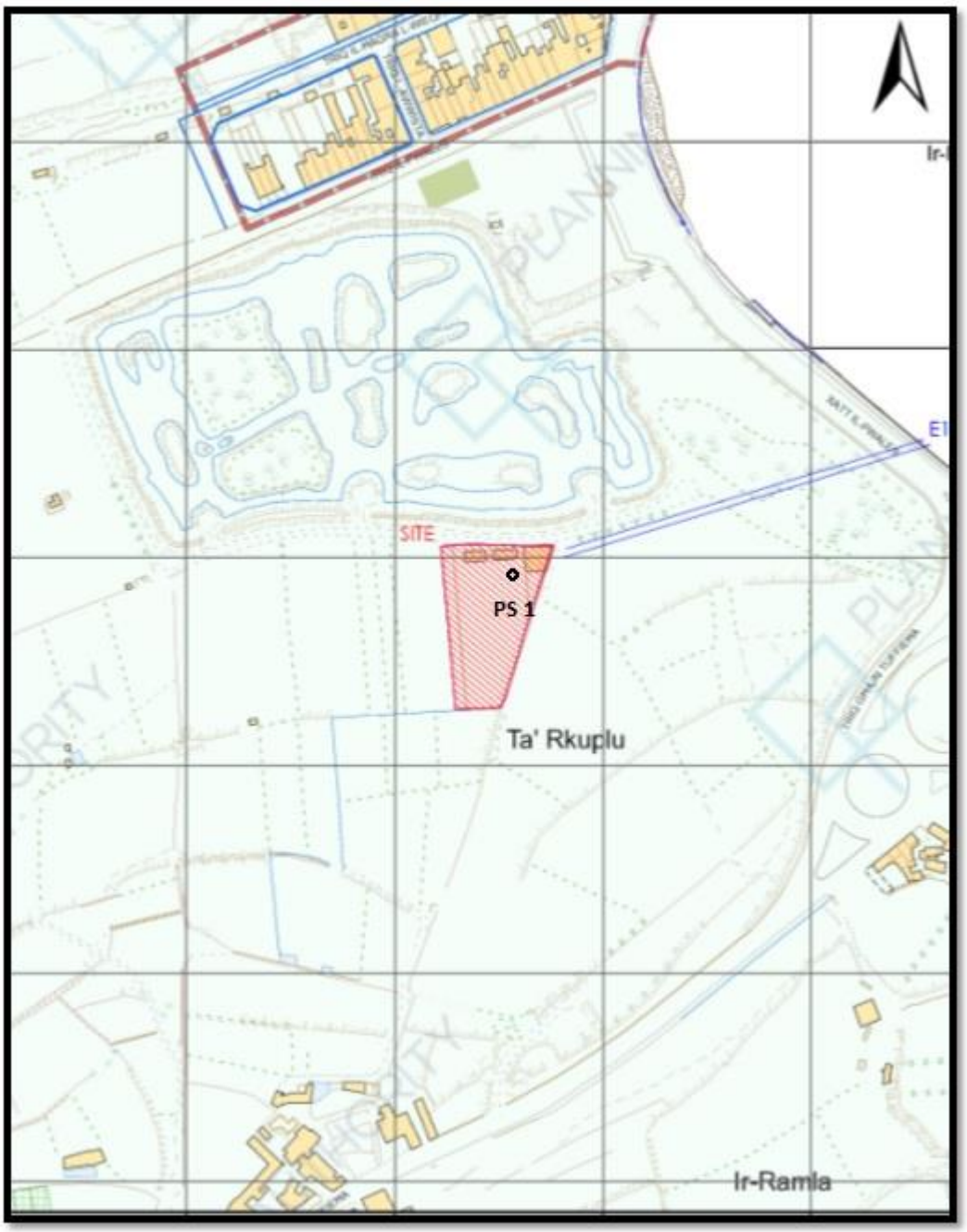

Fig. S2.1: Site of installation, showing extent of area authorised for activity (hatched in red) and path of effluent point discharged to sea (E1) (outlined in blue). *The extent of the site boundary is indicative and should not be used for interpretation purposes.*

END OF PERMIT