Environmental Permit

Environment Protection Act (CAP. 549)

Permit number
EP 01047/22

Approved Document:
EP 01047/22/DOC45B

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:

Mr. Robert Micallef (I.D. [redacted]) (Hereinafter "the Permit Holder")

To operate a batching plant and recycling facility at:

Ta' Xendent Yard,
Tal-Ibraġġ,
Triq tal-Ibraġġ,
Limits of Għargħur,
Għargħur

This permit is valid for **four (4) year** from the permit granted date below. An application for renewal of this permit is to be submitted at least **six (6) months** prior to expiry of this permit.

Signed	Date
[redacted] Perit Vincent Cassar Chairperson	Permit Granted: **06.06.2024**

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 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 operations and the associated operations specified in Table 1.1.1.

Table 1.1.1

Operation	Description of specified operation	Limits of specified operation
Concrete batching plant	Production of concrete	From receipt of raw materials to final production and dispatch of finished product.
Deposit, recycling and stockpiling of inert waste	Recycling and crushing of inert waste material from off-site sources	From receipt of permitted inert waste to dispatch of crushed inert material.
Vehicle maintenance & repair	Storage of vehicle parts, maintenance and repairs of own vehicles and other related machinery	From maintenance/repair activity to appropriate recovery/disposal of any waste generated on site
Vehicle washing (ready-mix trucks)	Vehicle washing with discharge to a settling tank and eventual collection of sludge.	From vehicle washing to eventual reuse of sludge on site.
Refuelling of company vehicles & heavy machinery	Storage and refuelling of heavy plant vehicles onsite.	From receipt of diesel in the storage onsite to refuelling of the company's heavy plant vehicles.

1.2 Site

1.2.1 The operations authorised under condition 1.1.1 shall not extend beyond the Site, as shown on the Site Map in Schedule 3A to this Permit.

1.2.2 The Authority may also request implementation of further dust abatement measures as deemed necessary.

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

1.2.4 Only those combustion plants listed in Table 3.5.2 can be operated at the site and the operations authorised under Condition 1.1.1 shall not extend beyond the Site boundary, as per Site Map and Site Layout Plan in Schedule 3 to this Permit.

1.3 General Conditions

1.3.1 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.

1.3.2 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.

1.3.3 The Permit Holder has the sole responsibility to ascertain compliance with legal obligations, permit conditions and to undertake operations on and off site in line with good environmental practices at all times.

1.3.4 The Authority may carry out pre-set or unannounced compliance or monitoring compliance checks. Any checks or audits carried out by the Authority may be made at the Permit Holder's financial expense at a rate and arrangement communicated by ERA.

1.3.5 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.

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

1.3.7 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, without prejudice to any prevailing circumstances that would preclude the Authority from following such a procedure.

1.3.8 The Permitted Installation shall be managed, controlled, supervised and operated by staff that are aware of the importance of environmental protection and suitably trained on the requirements of this Permit. All staff shall be provided with adequate training and written operating instructions to enable them to effectively carry out their duties.

1.3.9 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.

1.3.10 The Authority may suspend or revoke this environmental permit in line with the provisions of CAP 549.

1.3.11 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 the permit. The permit will be considered renewed once the official renewed permit is issued by the Authority.

1.3.12 This permit is issued against a bank guarantee of **€8,000** 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.

1.3.13 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.

1.3.14 In cases where the bank guarantee does not cover the expenses incurred by the Authority to take remedial action on the Permit Holder's behalf, the Permit Holder is to financially reimburse the Authority of all the expenses incurred within.

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

1.3.16 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.

1.3.17 Without prejudice to condition 1.4.16, the Authority may take any action deemed necessary including but not limited to the suspension of any activity/operation until investigations are concluded.

1.3.18 Any incident including accidental release of liquid, solid or gaseous materials from the site that could be regarded as causing environmental damage, or as posing a threat of environmental damage, shall be reported not later than within 24 hours to ERA.

1.4 Operational Changes

1.4.1 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 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. 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.

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

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

1.4.3 The Permit Holder shall notify the Authority, without undue delay, of any planned change to the permitted combustion plants.

1.5 Improvement Programme

1.5.1 The Permit Holder shall complete the improvements specified in Table 1.5.1 by the date specified in that table, and shall send written notification of the date of completion of each requirement to the Authority's Compliance and Enforcement Unit within 10 working days of the completion of each such requirement.

Table 1.5.1: Improvement programme

Reference	Requirement	Deadline
1.	a) Installation of appropriate bunding of the fuel tank (F1) and the chemical storage area	Within three (3) months of the granting of the Permit
	b) Upon the completion of a) above to the Authority's satisfaction, certification of the bunding and integrity of the installed bunds by an independent warranted engineer are to be provided to the Authority.	
2.	Submission of a certification for cesspit 'E1' in accordance with condition 3.6.4.	Within two (2) months of the granting of the Permit

2. Site Infrastructure and Equipment

2.1 General Site Infrastructure

2.1.1 The site perimeter shall be clearly delineated either by a chain link fence, bollards or low walls. During non-operating hours the site shall be securely closed and totally

inaccessible to third parties, both by vehicle and on foot. The site must be well secured at all times.

2.1.2 The designated and labelled quarantine area shall be kept within the site boundary to temporarily hold unpermitted wastes that may inadvertently enter the site. A non-leaking skip or similar contained structure shall be utilised for the temporary storage of unpermitted waste. The quantity of waste in the quarantine area shall not exceed the capacity of said area at any given time.

2.1.3 The entrance/exit area to be Permitted Site shall be constructed by compacted gravel and shall be regularly cleaned so as to prevent vehicles from transporting dust and waste onto public roads.

2.1.4 The vehicular access paths and the areas mostly frequented by staff and visitors within the site are to be regularly wetted down or otherwise mitigated to prevent dust and waste dispersion/transportation.

2.1.5 A vehicle wheel wash/ wheel dip (or similar mitigation measures) shall be maintained in line with **EP 1047/22/DOC45B** before the main exit of the Permitted Site so as to prevent vehicles from transporting dust and waste onto public roads.

2.1.6 Access to site for the recycling operations shall be limited to existing access roads and widening or modification of such roads shall not take place as part of operations. Trucks using this site as a recycling facility are to access the site only from the main gate.

2.2 Chemicals, Oil and Fuel Storage and Refuelling

2.2.1 All storage of materials, fuels, oils and waste shall take place only in areas with impervious ground and where thorough clean up and site reinstatement can be readily undertaken.

2.2.2 Containers for bulk storage of chemicals 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. Storage areas shall have impervious ground and shall be bunded or otherwise designed so that surface and ground waters cannot be contaminated by spillages.

2.2.3 All bulk liquid oil, fuel and chemical storage shall be provided with an adequately designed bund system with an impermeable base and walls, as per relevant REWS standards. 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. Incompatible chemicals shall not be stored within the same bund. 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.

2.2.4 Bulk storage tanks for fuels, oils and chemicals, and associated bunding and pipe work shall be visually inspected at least twice a month. Such records shall be included in the site daily operations log.

2.2.5 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.

2.2.6 Any storage of fuel oils and lubricating oils on site must be kept in leak proof containers and stored in a bunded area that is capable of holding 110% of the total volume of the stored material. The Permit Holder shall also ensure and take all precautions in their competence to avoid any leakages or spills from liquid or solid material that can cause environmental harm. Filling and off-take points shall be located within the bund, which shall not have any drainage connections for rainwater

2.2.7 The storage of tyres shall be segregated from other wastes and the structure within which the tyres are stored is to be adequately equipped with fire hydrants that are regularly maintained and serviced by the supplier. At any time, the storage of used tyres shall not exceed a skipload.

2.2.8 The storage of other liquids in drums or containers, other than fuel oils, lubricating oils or water, or approved dust flocculants, is strictly prohibited on any part of the site.

2.2.9 The storage of waste oils in large quantities is also prohibited on site. This waste is to be disposed of at a licensed facility that is authorised to accept this type of waste and is to be transported in robust, leak-proof drums via a registered waste carrier in possession of a valid Class D3 permit. Receipts of such transfers and documentation from the licensed facility to which this waste has been transferred are to be kept and provided whenever requested by the Authority's representatives. Waste oils shall not exceed more than two (2) 45-gallon drums in volume.

2.2.10 The storage of chemical products on site shall be restricted to the list submitted as part of the original application and annexed in Schedule 4 of this permit.

2.2.11 All fuel storage bunds shall be certified for integrity within three (3) months of granting of the permit as per Improvement Programme item in Table 1.5.1 and every 4 years thereafter.

2.2.12 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.

2.2.13 The storage of flammable, toxic and hazardous substances shall be in line with the measures specified in the Material Safety Data Sheets (SDS) for that substance and the maintenance of safety critical equipment shall correspond to manufacturer specifications.

2.2.14 The Permit Holder shall have in storage an adequate supply of suitable absorbent material to absorb any spillage.

2.2.15 If the Permit Holder makes use of a flexible pipe to deliver the fuel, the Permit Holder shall ensure that the following conditions are observed:

a. The delivery end of the pipe is fitted with a pump or valve that closes automatically when not in use.

b. The valve or pump must be lockable and must be kept so when not in use.

c. The end of the pipe that leaves the tanker must be fitted with a lockable valve that must be shut when it is not in use.

2.2.16 Fuel delivery by road tanker and refuelling operations shall be supervised at all times by personnel who are fully conversant with fuel filling procedures as relevant to their duties. No transferring of fuel shall occur outside the designated refuelling area. The Permit Holder shall ensure that road tankers are equipped with emergency response equipment.

2.2.17 Refuelling of own vehicles and machinery shall only be carried out within the dedicated refuelling area indicated in the Environmental Permit Application.

2.2.18 Refuelling of any generators shall be supervised at all times by personnel trained in spill emergency response who shall ensure that all such equipment is readily available and in good working state. During the refuelling activities, supervising personnel shall have in place adequate containment measures and spill response equipment.

2.2.19 In case of spillages, the relevant enforcing Authority(ies) shall be informed by the Permit Holder, including but not limited to Transport Malta, the Environment and Resources Authority and the Civil Protection Department.

2.2.20 Road tanker fuel storage compartments shall not be washed out or serviced on site.

2.3 Equipment on Site

2.3.12 The weighbridge is to be maintained, calibrated and certified by a warranted engineer or by the equipment's manufacturing company. This certificate is to be submitted to the Authority annually as part of the Annual Environment Report (Schedule 2), as per condition 4.4.2 and Schedule 2.

2.3.13 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. Maintenance records of the above shall be kept by the Permit Holder and shall be made available to officers of the Authority for review upon request.

2.3.14 All equipment, including all concrete batching plant equipment, is to be installed and operated in accordance with the manufacturer recommendations, so as to minimise the release of dust to air, land and water.

2.3.15 The Permit Holder shall be responsible for ensuring that spillages of oils, fuel and other pollutants into the ground is duly avoided at source through appropriate preventive measures that do not involve any physical modifications to the site. Spill kits and an adequate supply of suitable absorbent material shall be readily available at this area.

2.4 Maintenance Areas

2.4.12 All vehicle and equipment maintenance is to be carried out on an impervious surface where a thorough clean-up of fuels, oils or any other hazardous materials can be readily undertaken. Any activities that involve grit, sand or glass blasting are strictly prohibited.

2.4.13 The cleaning of vehicles, equipment and mechanical body parts shall be carried out on an impervious surface.

2.4.14 It is prohibited to store waste mechanical parts or any other waste on site, unless this is done in a closed structure (not open to the elements) constructed on impervious ground capable of containing any accidental spills of fuels, oils or any other hazardous materials. This storage cannot exceed a period of more than three (3) months or surpass one truck load in volume. Any activities that involve grit, sand or glass blasting are strictly prohibited.

2.4.15 It is prohibited to store mechanical parts containing oil, unless this is done in a closed structure (not open to the elements) that has impermeable ground and able to contain any spills within the closed structure. Large mechanical parts or spares not containing oils can be stored outside subject that such parts are certified by an engineer that they do not contain any oils or fluids

3. Operational Procedures

3.1 Waste Acceptance

3.1.1 This site is authorised to accept inert waste that originates from excavation activities, the construction industry and from the demolition of constructed structures as per Schedule 1. **Tarmac or bitumen products originating from road works, scrap, sludges or dredged material are prohibited from entry.**

3.1.2 Any mixed wastes are to be separated prior to being recycled on site. Any mixed waste inadvertently entering the site is to be separated from inert waste prior to being recycled on site.

3.1.3 The Permit Holder is to apply the precautionary principle during the waste acceptance phase and refuse the entry of any truck loads whose content is not specified or in cases where there is uncertainty of what the truck consists of.

3.1.4 Trucks using this site as a recycling facility are to enter the site only from the main gate and staff on site is to visually inspect every truck load that enters the site. The site entrance/weighbridge operator is responsible to accept or refuse the entry of trucks carrying waste into the site.

3.1.5 The loaded trucks are to proceed to the recycling area upon clearance from the site entrance/weighbridge operator and start unloading the waste in the locations indicated by the staff. Staff on site is to ascertain that the load does not contain hazardous waste.

3.1.6 The vehicles are to tip the waste at the recycling area and exit the site after the staff on site indicates to the driver that the vehicle can proceed to exit the site.

3.1.7 Staff on site is to refuse the entry and disposal of any truckloads of waste that is known to have originated from contaminated sites, decommissioned petrol stations, old fuel depots, fuel storage areas etc. During such occurrences the measures listed in conditions 3.1.8 to 3.1.9 are to be followed accordingly. Such measures are also to be taken when staff on site observes oil or diesel stained debris amongst the rubble or detect a fuel smell emanating from the tipped waste at the waste separation area.

3.1.8 In the event that a truck load contains heavily mixed waste or waste that cannot be recycled, the staff on site is to re-load the unacceptable waste on the truck that has delivered the unacceptable load and direct it to a licensed facility authorised to accept such material. Staff on site is to take note of the truck registration plates, date, time and load content.

3.1.9 In the event that staff on site is not able to reload the unaccepted waste load back on the truck that delivered the unacceptable waste the waste carrier permit number and registration plate of the truck shall be noted. The load of unacceptable waste is to be temporarily stored in the quarantine area and then transferred at the Permit Holder's expense to a licensed facility that is authorised to take such waste. Staff on site is to keep note of when unaccepted waste loads temporarily stored in the quarantine area are transferred to other licensed facilities in terms of time, date and truck registration numbers that affected the transfer of such waste and the receipts of the authorised facility where the waste was disposed of.

3.1.10 The Permit Holder shall at no time refuse entry to any vehicle registered with the Authority to transport inert and Construction and Demolition waste, unless such waste is not fit for disposal in a facility permitted to accept inert material. This is without prejudice to other ancillary permitted operations onsite.

3.1.11 The Permit Holder may refuse the entry of vehicles that repeatedly deliver unacceptable waste loads on site after notifying the Authority of his/her intention to take such action.

3.1.12 The separated non-inert waste shall not exceed the capacity of the approved quarantine area.

3.2 Waste Storage and Handling

3.2.1 The Permit Holder shall ensure that all operations authorised in accordance with this Permit are carried out in an orderly manner and in such a way as to cause the least possible disturbance to the surroundings.

3.2.2 No storage of waste, equipment or materials is permitted on other land outside the site.

3.2.3 In the event that unaccepted waste is tipped at the tip face, the Permit Holder and the staff on site are liable and responsible to retrieve that waste by every means possible to them. Should the Permit Holder not be in a position to carry out the

retrieval operation, the Permit Holder is to sub-contract equipment or personnel to retrieve such waste on his behalf.

3.2.4 Unless otherwise agreed with Authority, all stockpiles of inert material are to be located and managed in such a way as to avoid spillages through wind and run off.

3.3 Crushing of Inert Waste Material

3.3.1 The crushing of inert waste shall be done through mechanical crushers equipped with dust suppression systems as per approved document **EP 01047/22/DOC45B**

3.3.2 Crushing of inert material through mechanical crusher shall be carried out without significant dust emissions. Should the Authority deem it necessary, the Permit Holder is to submit a monitoring proposal as per condition 3.5.3.

3.3.3 The inert material that results in the waste separation shall be crushed on site and the other non-inert materials that result from the waste separation shall be disposed of at licensed facilities that are authorised to accept the waste.

3.4 Waste Disposal

3.4.1 Records shall be kept for the disposal of all hazardous waste generated from the processes and operations on site, including EWC Code, description, quantities, date of removal, contractor name (including for transport), consignment note number and place of disposal / recovery. The records shall be maintained for a minimum period of 5 years and be made available, upon request, to the Authority.

3.4.2 Off-site disposal of wastes may only take place at a facility licensed for that purpose.

3.4.3 Disposal certificates shall be kept on record and made available for inspection for a period of five (5) years from their date of issue and shall be made available, upon request, by the Authority.

3.4.4 The incineration of any type of waste or any other material on site is strictly prohibited. On-site disposal of unpermitted wastes by any means including disposal to drain or surface water, burying or deposition on land is prohibited.

3.4.5 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 S.L. 549.45. 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. All hazardous waste transferred off the site shall be done via a valid consignment permit.

3.5 Emissions to Air

3.5.1 All processes which generate significant levels of airborne contaminants (such as dusts, toxic gases, and odorous chemicals) beyond the site boundary shall be fitted with abatement measures designed in such a way as to avoid local impacts.

3.5.2 Cement silos and crushers shall be equipped with effective dust suppression equipment that limits dust generation. Such equipment shall be maintained on a regular basis (as per manufacturer specifications) so as to ensure 100% efficiency (of equipment). Records of maintenance on such dust suppression equipment shall be kept in line with Section 4.2 and 4.3 of this permit.

3.5.3 Emissions to air shall arise from the emission points specified in Table 3.5.2, as per the description in the submitted EP application.

Table 3.5.3

Emission reference	Source
Source 1	Mobile Crusher
Source 2	Mobile Generator 1
Source 3	Mobile Generator 2
Source 4	Cement Silo 1
Source 5	Cement Silo 2
Source 6	Mobile Siever

3.5.4 The Authority may request monitoring of emissions to air listed in Table 3.5.3 which shall be undertaken in accordance with the terms of reference provided by the Authority.

3.5.5 ERA recommends that diesel (gas oil) generators, boilers and fixed crushers shall have a sulfur content of not greater than 0.1%.

3.5.6 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.

3.5.7 The Permit Holder shall submit certification for the crusher (Source 1) and mobile generators (Source 2 and Source 3) referred to in Table 3.5.3, by an independent warranted engineer showing that the equipment is in good working condition. Recertification shall be submitted with the renewal application of this permit.

3.5.8 Should the Permit Holder intend to install equipment, which could lead to additional emissions to air (e.g. generator, etc.), a variation of this Permit must be secured prior to installation and operation of this equipment.

3.5.9 In the event of malfunction or breakdown leading to abnormal emissions from equipment, the Permit Holder must:

a. Investigate immediately and undertake corrective action, and
b. Adjust the process or operation to minimise those emissions, and
c. Record the events and actions taken.

3.5.10 Further to condition 3.5.9, the Permit Holder shall provide ERA with details of the specific cause of the malfunction and the remedial steps taken or to be taken to address the malfunction.

3.5.11 All abatement equipment and ducting shall be cleaned and maintained on a regular basis, as per manufacturer specifications. Records of such maintenance shall be kept in accordance with Condition 4.3.1.

3.5.12 The Permit Holder shall prevent or where that is not practical, reduce fugitive emissions of substances to air from the Permitted Installation. Particular areas of the operation which may generate dust should be regularly wetted down to mitigate dust emissions onto the surroundings.

3.5.13 In the event of windy conditions and/or in the case of failure of the dust mitigation measures specified in approved document **EP 01047/22/DOC45B**, leading to abnormal emissions within and beyond the site boundary, the Permit Holder shall cease all operations until the cause is identified, and corrective action taken.

3.6 Effluent Discharges

3.6.1 No discharges to surface or ground water shall take place from the Permitted installation.

3.6.2 The Permit Holder shall give immediate attention to spills and undertake all necessary measures and precautions to prevent spillage of materials such as waste oils, lubricant oils and any other materials that may potentially contaminate the environment.

3.6.3 Effluents consisting of solids (from such sources as washing of vehicles such as ready-mix delivery vehicles etc.) must pass through an adequately sized settlement tank.

3.6.4 The cesspit (E1) identified in Schedule 3B shall be maintained and certified as per specifications listed below by a third party warranted architect or engineer. Recertification shall be submitted with the renewal application of this permit.

a. Cesspits for industrial waste waters shall not receive any other waste originating from urban or domestic waste waters.

b. 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.

c. Cesspits shall be appropriately designed to avoid the accumulation of explosive, toxic or corrosive gasses.

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

e. Cesspits are not to be connected to the main sewer but are to be emptied by means of a pump into a tanker.

f. The cesspit is to be emptied regularly at the waste holder's expense so as to prevent overflowing and so as not to constitute a threat to human health and the environment.

g. No waste is to escape in any way into public areas at any time from the time the waste is being generated to the time the waste is being disposed of in an appropriate manner.

4. Site Management

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. They shall be provided with adequate professional technical development and training and written operating instructions to enable them to effectively carry out duties.

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 In the event where operations cease temporarily (2 weeks and 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.

4.1.4 Staff on site shall be fully aware of the procedures to be taken in the event of an accidental spill of any liquid other than water and how to contain the environmental hazard.

4.2 Control of mud and debris

4.2.1 The Permit Holder is to sweep the road leading to the facility at least at end of operations daily in summer and on windy days during the year, unless otherwise indicated by ERA representatives and through official documentation.

4.2.2 At all times during the year the Permit Holder and/or TCP are to ascertain that the roads leading to the facility are clean and free of mud or large debris. In the event that mud or large debris is observed on the road the Permit Holder and/or TCP is to take remedial action and ascertain that the roads are immediately cleaned by means of a road sweeper or mechanical grip/shovel in cases where heavy mud is deposited on the road.

4.3 Site Records, Archive & Reporting

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 5 years:

a. Total amount of waste in tonnes accepted on site;
b. Total amount of waste in tonnes refused entry on site;
c. Total amount in tonnes and specific waste stream transferred from site;

d. 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;
e. Records related to Section 4.2;
f. Any other incidents that the Permit Holder deems important to record in the Site daily operations log; and
g. Any complaints related to the operations at the site.

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

4.3.2 A full record is to be kept of all the vehicles entering the site carrying waste to be backfilled, their registration plate, date and time of entrance and the tonnage of each vehicle.

4.3.3 All reports and written required by this Permit shall be made and sent to the Authority addressed to the Compliance and Enforcement Unit, Environment and Resources Authority.

4.3.4 The Permit Holder shall also 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 2 of this Permit and in the format specified therein. It shall also be ensured that all certification and documentation as per Schedule 1 are submitted according to the relevant timeframes therein.

4.3.5 The Authority shall be informed within 24 hours in the event of an environmental hazard or major incidents.

4.3.6 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 is properly designed and implemented. Guidance for a non-standardised ("customised") system is included in Schedule 5 of this permit.

4.4 Accident prevention and control

4.4.1 An Emergency Response Plan, as approved by the Civil Protection Department, 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 MSDS sheets.

4.4.2 In the case of an accident (e.g. chemical spills, etc.), the Permit Holder shall follow the Emergency Response Plan referred to in Condition 4.5.1 and, in the case that such accident could be regarded as causing environmental damage or as posing a threat of environmental damage, the Permit Holder shall notify the Authority within 24 hours.

5. Cessation of Operations

5.1 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.

5.2 In the event that the operations listed in condition 1.1 of this permit ceases unexpectedly and the Permit Holder is no longer interested in pursuing the permitted operations, the Permit Holder is to notify the Authority within seven (7) days.

5.3 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:

1. The appointed contractor or other competent person who shall carry out any works (e.g. cleaning, dismantling etc.).
2. 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.
3. The proposed cleaning, dismantling and transport procedures
4. Precautions and mitigation measures during such works to prevent spillages and other potential emissions to the environment.
5. 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.

5.4 When the Authority deems it necessary, prior to the cessation/closure of the site, the Permit Holder shall carry out any monitoring tests as indicated by the Authority, which will determine whether the Permit Holder can be released from the obligation of this permit.

5.5 This permit is being issued solely for the works as per Table 1.1.1 and excludes any implied commitments for other interventions not specifically indicated or for the site after use. Any eventual after use and ancillary works are to be assessed.

5.6 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.

5.7 Upon receiving official documentation from the Authority that confirms the site's closure, the Permit Holder is automatically responsible and liable in pursuing his responsibilities and fulfil his post-operational responsibilities, namely to:

i. Should the Authority deem it necessary, monitor the waste mass stability and submit a report.

ii. Assure that the site is properly secured and that it cannot in any possible way be used as an illegal dumpsite or be accessed for fly tipping.

Schedule 1

Complete List of Permitted Waste on Site

01 01 02	Waste from mineral non metalliferous excavation
01 04 08	Waste gravel and crushed rocks except those mentioned in 01 04 07 (wastes containing dangerous substances from physical or chemical processing of non-metalliferous minerals)
01 04 09	Waste sand and clays
01 04 13	Wastes from stone cutting and sawing except those mentioned in 01 04 07
17 01 01	Concrete except that mentioned in 17 01 06 (mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances.)
17 01 02	Bricks
17 01 03	Tiles and ceramics
17 01 07	Mixtures of concrete, bricks, tiles and ceramics other those mentioned in 17 01 06
17 02 02	Glass
17 05 04	Soil and stones (Excluding topsoil, peat; excluding soil and stones from contaminated sites)

Schedule 2

Annual Environment Report and Submissions

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

S.1 Introduction

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

S1.2 Waste Records

S1.2.1 Mineral Waste Records

Mineral waste treatment sites				
Site I.D _____				
			Amount in Tonnes	**Specification**
Section 1	Waste Input	Mineral waste from Construction & Demolition (including civil engineering)		
		Excavation waste		
		Asphalt or tarmac waste		
		Soil		
		Sub-Total		
Section 2	Waste Treatment	Backfilling of Construction & Demolition waste (in own quarry site)		
		Backfilling of Excavation waste (in own quarry site)		
		Recycling (e.g. crushing)		
		Other (please specify type)		
		Sub-Total		
Section 3	Material Output (after waste treatment of C&D waste)	Aggregates for concrete		
		Aggregates for roadworks		
		Crushed material as torba		
		Crushed material for backfilling		
		Other (please specify type)		
		Sub-Total		
	Material Output (after waste treatment of Excavation waste)	Aggregates for concrete		
		Aggregates for roadworks		
		Crushed material as torba		
		Crushed material for backfilling		
		Sub-Total		
Section 4	Waste Output (resulting after treatment) - *Ex: Wood, plastic, metals*	Total amount (please specify destination)		

S1.2.2 Waste Records (waste removed from site)

Non-hazardous waste	EWC Code[1]	Destination	Quantity (tonnes)
Tyres			
Scrap metal			
Others (please specify):			

Hazardous waste	EWC Code[1]	Consignment note number or TFS (Trans-Frontier Shipment of waste) Reference Number	Destination	Quantity (tonnes)
Off-site transfers of hazardous waste (please specify, eg: Waste Oils, Batteries):				

The Permit Holder or TCP is also obliged to send to the Authority on a report on the following information:

a. Vehicles refused entry
b. Registration plates and Company name of vehicles who brought in unacceptable waste loads

S1.3 Fuel Consumption Data

Equipment [2]	Fuel type	Fuel Consumption	Units
			tonnes
			tonnes
			tonnes
			tonnes

S1.4 Incidents and Complaints

S1.4.1 Non-Compliance Incidents during Reporting Year

Date of incident	Brief description of Incident	Cause	Corrective action

[1] European Waste Codes Catalogue https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02000D0532-20150601&qid=1475495799963&from=EN

[2] E.g. Boiler, generator, vehicles, etc.

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

S1.4.2 Complaints made by the public or through Authority

Date of complaint	Description of complaint	Actions taken

Total number of complaints for previous reporting year: [i]	
Total number of complaints for current reporting period:	

S1.5 Submission of certificates

Certification of weighbridge calibration annually	☐
Submission of Waste Records every year	☐
Certification of Crusher and Generators every four years	☐
Certification of cesspit every four years	☐

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)*
…….		…….
Signature		**Date**

Schedule 3A

Site Map

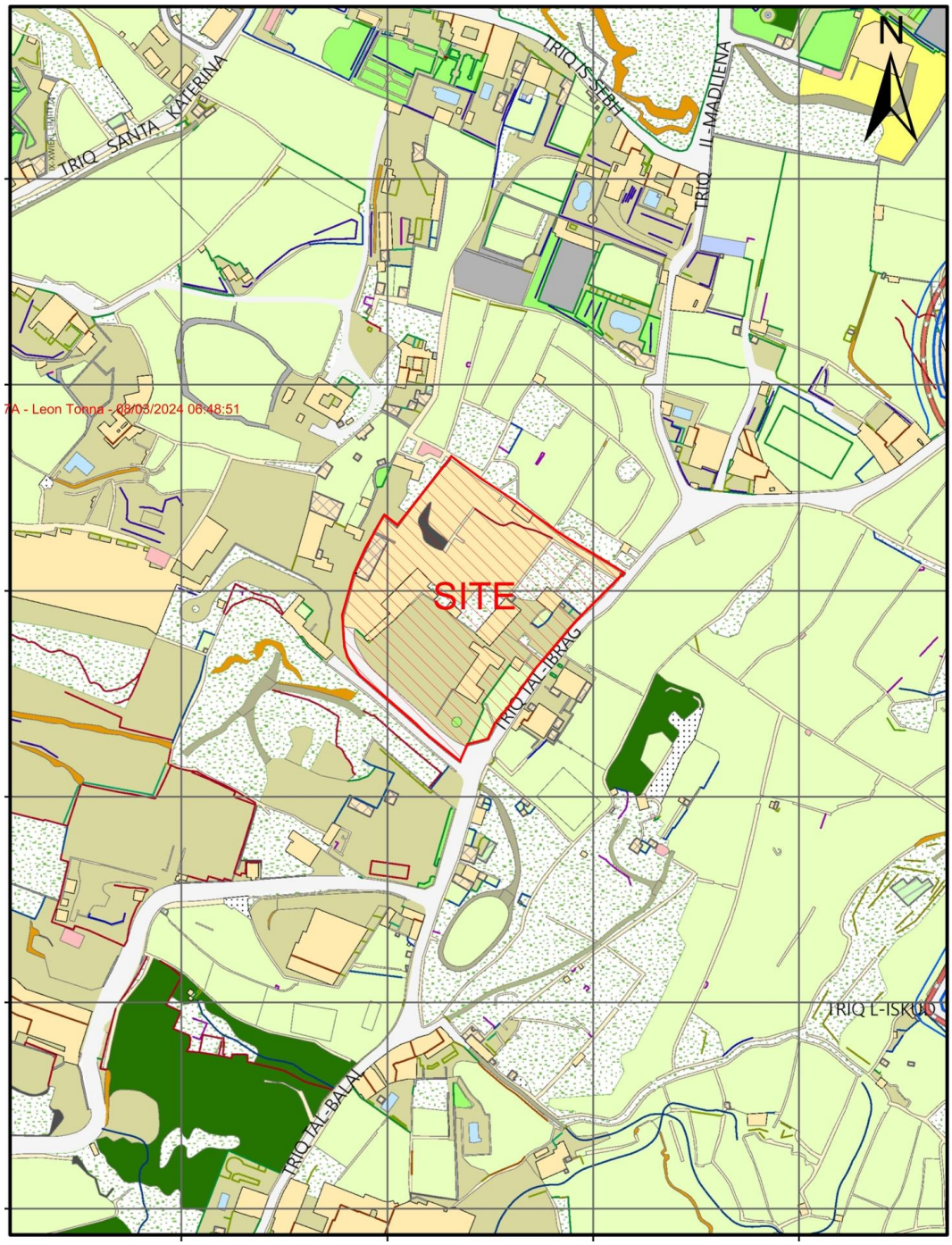

Fig. 3.1: Site of installation shaded in red, showing extent of area authorised for operation for the carrying out of the operations specified in Condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purpose.

Schedule 3B

Site Layout Plan

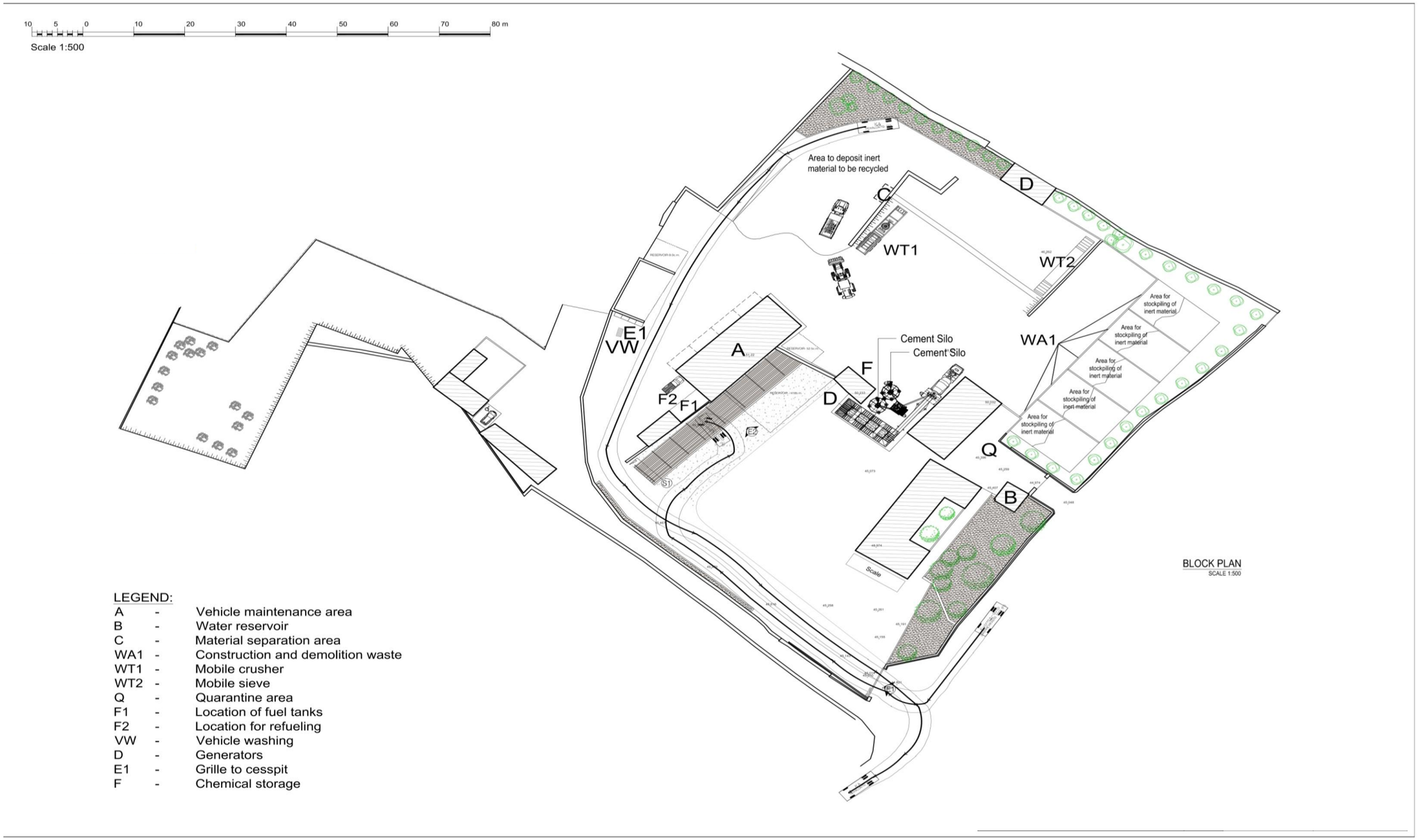

Fig. 3.2: Site of installation, showing extent of area authorised for operation for the carrying out of the operations specified in Condition 1.1.1. The extent of the site boundary is indicative and shall not be used for interpretation purposes.

Schedule 4

Complete List of Chemical Products Stored on Site

Fuel Oils, Fluids & Grease:

- ATF II
- 15W-40
- Tellus 68
- Tellus 46
- EP2

Concrete Production:

- Iperbteton 100 F2
- Microcal

Schedule 5

Minimum requirements for an Environment Management System (EMS)

The EMS should include, as a minimum, the following elements:

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 Permit Holder 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;
   g. Phasing out of CFCs and ozone-depleting substances, if any.

   Targets should be set for priority areas identified (e.g. minimising waste generation by a predetermined percentage 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 Permit Holder 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 Permit Holder 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 non-conformity with the environmental permit should be defined.

6. **Awareness and Training**
   The Permit Holder should establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training should be maintained.

7. Maintenance Programme

The Permit Holder 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