## EPA Application Form

## 9.1 - Environmental Management Techniques Attachment

Authorisation Application Form

## Amendments to this Application Form Attachment

| Version No. | Date | Amendment since previous version | Reason |
| :---: | :---: | :--- | :--- |
| V.1.0 | July 2017 | N/A | Online application form attachment |
| As above | Mar 2018 | Identification of required fields | Assist correct completion of attachment |
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## Authorisation Application Form

## 9 Environmental Management Techniques ${ }^{1}$

### 9.1. Accident Prevention Measures

## Measures to prevent accidental emissions and liabilities

Incidents and accidents are unplanned events. Emissions from incidents and (major) accidents usually occur within a relatively short time frame but with greater intensity than under normal operating conditions. Incidents such as fire or fuel spillages can result in liabilities such as contaminated soil and groundwater. Proactive risk management reduces the potential for an incident.

Abnormal operating conditions must be managed without endangering human health and harming the environment, and in particular without risk to water, air, soil, plants or animals, without causing a nuisance through noise or odours, and without adversely affecting the countryside or places of special interest.

The applicant must firstly undertake a risk assessment in accordance with EPA guidance on assessing and costing environmental liabilities. Having identified the key risks, the applicant should populate the following table with the measures to be taken treat the key risks, e.g., bunding, integrity testing, fire prevention, etc.

The range of measures is dependent on the complexity of the site. Pollution prewention measures may, inter alia, include the following information:

- Conclusions on BAT set out in the EU Reference document on BAT oneenisisions from storage such as a safety management system; corrosion prevention measures on tanks, etc.
- Details of storage of all raw materials, products and wastes such as segregation, labelling, designation and impervious surface;
- Details of spill or emergency containment measures and strustưres such as bunds, high level alarms, absorbent materials;
- Details of fire detection and fire-water retention facilities iñ the event of emergencies or other measures to contain fire-water;
- Details of transport of material within the site, solid, liquid or sludge transported by pipe, vehicle or conveyor; etc.,
- The Agency has published a guidance document on Fire-Water Retention Facilities and on the Storage and transfer of materials.

[^0]* indicates required field


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Describe in the table below existing and/or proposed measures, including emergency procedures, to minimise the impact on the environment of an accidental emission or spillage. (This table should include the measures to be taken under abnormal operating conditions, including start-up, shutdown, leaks, malfunctions, breakdowns and momentary stoppages that will demonstrate that any emission arising will not cause significant environmental pollution $)^{2}$.

| Measure * | Surveillance Measures |  |  |
| :---: | :---: | :---: | :---: |
|  | Description * | Frequency of Surveillance * | Method / Standard * |
| Oversight of Filling / Delivery Procedures | All potentially dangerous substances (fuels, lubricants, etc.) delivered to site will be unloaded by suitably qualified employees from the delivery company, and overseen by a designated ésite operative. This measure will prevent overfiling of tanks and mobile fuel bowsers in particular. | Ongoing / as required | Audit of EMS Standard Procedures |
| Use of Appropriate Storage Vessels / Containers | Potentially polluting liquids (principally fuel) will be stored in mobile, double skinned bowsers constructed to the appropriate Irish, British or International Standard, me he ting the requirements of the Local Government (Water Pollution) Acts 1977 to 1990 and asseciated regulations. <br> Other potentially polluting liquids such as lubricating oils, waste oils derived from vehicle maintenance, pesticides etc, will be stored in appropriately labelled containers located on sealed (ie. concreted) ground within existing maintenance sheds. <br> All solid wastes arising on site and other solid potentially polluting materials will be segregated according to category, stored within containers which are designed to ensure the contents do not spill or escape and covered as necessary. | Ongoing / as required | Audit of EMS Standard Procedures |

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| Measure * | Surveillance Measures |  |  |
| :---: | :---: | :---: | :---: |
|  | Description * | Frequency of Surveillance | Method / Standard * |
| Inspection and Maintenance of Storage Facilities | All containers and bowsers will be inspected on a daily basis by designated site personnel to ensure their continued integrity and identify requirements (if any) for remedial action. <br> Any evidence of spillage or leakage will be reported immediately to the Facility Manager (or his deputy) for appropriate remedial action. <br> In the event that remedial action is required, arrangements will be made to transfer any potentially polluting materials to secureallternative storage pending completion of remedial work. <br> Remedial work will be undertaken as soon as possible thereafter. Containers bowsers found to be faulty will not be ussed for the storage of polluting materials unail appropriate remedial action is completed. <br> All site personnelwwill be required to monitor and report evidence of spillage and leakage, during their day-to-day activities. | Daily | Audit of EMS Standard Procedures |
| Availability of Absorbent Materials | A supply of materials suitable for absorbing and containing any minor spillage (spill kit) will be held at designated locations at the recovery facility. | Ongoing | Audit of EMS Standard Procedures |
| Availability of Spill Containment Equipment | Materials and equipment suitable for containing accidental spills including sealing devices and substances for damaged containers, drain seals and booms, and overdrums will be held at the recovery facility. | Ongoing | Audit of EMS Standard Procedures |

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| Measure * | Surveillance Measures |  |  |
| :---: | :---: | :---: | :---: |
|  | Description * | Frequency of Surveillance * | Method / Standard * |
| Plant Maintenance | All plant and equipment will be subject to maintenance in accordance with the suppliers / manufacturer's recommendations to avoid the failure of items of plant and equipment giving rise to potential spills / leaks / emissions to the environment. | Weekly | Audit of EMS Standard Procedures |
| Emergency Preparedness and Response Plan | In the event of spillage of polluting materials, immediate action will be taken to contaim the spillage. <br> The spillage will be reported to the Facility Manager, who will assess the sitvation and decide on the most appropriate course offaction. <br> The action taken will depeniddupon the size of the spillage, the location of the spillage in relation to sensitive receptors and the chemical and physical nature of the spilled material. <br> In the event of an accidental spill or leakage, the procedures set out in the Emergency Preparedness and Response Plan will be implemented. | As / If Required | As per ERP Procedures |
| Fire Prevention | Potential fire risks arise as a result of use of overheating of electrical appliances in site offices, combustion of litter and other materials and maintenance activities on plant and equipment. <br> Measures to prevent and minimise the risk of fires from these particular sources include <br> - Ensuring all electrical appliances in use at the facility are tested in accordance with the Electrical Testing Regulations; | Ongoing | Audit of EMS Standard Procedures As per ERP Procedures |

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| Measure * | Surveillance Measures |  |  |
| :---: | :---: | :---: | :---: |
|  | Description * | Frequency of Surveillance * | Method / Standard * |
|  | - Maintaining offices / staff facilities in a tidy condition, cleaning them regularly to avoid accumulation of paper, litter and potentially combustible debris that may accumulate and increase fire risk; <br> - Ensuring employees undergo training relevant to their role in fire prevention, use of fige extinguishers, and emergency procedures. <br> - Restricting smoking to designated areas, separate from site offices / stafffacilities; <br> - Ensuring plant is fitted with automated fire protection equipment owhere feasible / appropriate; <br> - Implementing a foromat permit to work system to ensure appropriate precautions are taken / approvals obtaiped prior to undertaking hot work on site prfănt and equipment. <br> - Providing fire-fighting equipment at site offices / staff facilities <br> - Fitting smoke and fire alarms in site offices and staff facilities. <br> In the event of a fire outbreak, the procedures set out in the Emergency Preparedness and Response Plan will be implemented. |  |  |

*add rows to the table as necessary

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Outline what provisions have been made to ensure an adequate response to emergency situations outside of normal working hours, i.e., during night-time, weekends and holiday periods (attach additional pages to this document if required): *

> A member of the Applicant's staff (with back-up support as required) will be nominated as an out-of-hours contact person who will be available at night and weekends and during holiday periods to implement contingency / emergency response procedures in the event of an accident or environmental incident at the facility.
> The contact number will be notified to all site-based personnel, the Local Authority, the Environmental Protection Agency and any locally based emergency responders (including Garda, fire and ambulance service).

## Soil Monitoring Points

Periodic monitoring of soil and groundwater is required having regard to the possibility of soiland groundwater contamination of the site ${ }^{3}$.
Complete the table below with details of soil monitoring locations and in particular where aseline report has been/is required in accordance with Section 86B of the EPA Act 1992 as amended.

Is periodic soil monitoring proposed at the installation/facility? (Yes/No):

| Soil Monitoring Point Code | Monitoring Point Grid Ref. |  |
| :---: | :---: | :---: |
|  | Easting ${ }^{4}$ | ${ }^{20}$ Northing ${ }^{5}$ |
|  |  | C |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

*add rows to the table as necessary

3 Inherent in the monitoring of soil and groundwater is accepting the possible necessity for remediation of the soil / groundwater. Regular monitoring of soil and groundwater provides an early detection of any contaminations.
4 Six Digit GPS Irish National Grid Reference
5 Six Digit GPS Irish National Grid Reference

* indicates required field


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## Soil Parameters

Complete the table below with details of soil monitoring parameters (where a baseline report is required in accordance with Section 86B of the EPA Act 1992 as amended). (If different parameters are associated with different monitoring points this should also be identified in the table below.)


## Groundwater Monitoring Points

Based on the assessment(s) carried out previously or as part of this licence application, complete the table below with summary details of the groundwater monitoring points.

Is groundwater monitoring proposed at the installation/facility? (Yes/No): * $\square$

| Monitoring Point Code | Monitoring Point Grid Ref. |  |
| :---: | :---: | :---: |
|  | Easting ${ }^{6}$ | Northing ${ }^{7}$ |
| GW01A | 211888 | 241152 |
| GW02A | 211253 | 241235 |
| GW03 | 211273 | 241772 |
| GW04 | 210461 | 241915 |
| GW05 | 210268 | 241372 |
| GW06A | 210859 | $240482$ |
| GW06B | 211149 | 240353 |
| GW07 | 211111 | 242094 |
| GW08 | 210508 | 240632 |
| GW09 | 211375 | 240944 |
| PBH-1 | 211593 | 240625 |

*add rows to the table as necessary

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## Groundwater Parameters

Complete the table below with summary details of the groundwater parameters. (If different parameters are associated with different monitoring points this should be identified in the table below.)

| Parameter | Unit | Trigger Level | How was the trigger level determined? | Proposed Monitoring Frequency | Sample Method | Analysis Method / Technique |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Quarterly |  |  |
| Visual Inspection |  |  |  | Quarterly | Standard ${ }^{\text {a }}$ |  |
| Level | pH units |  |  | Quarterly | Standard ${ }^{\text {a }}$ | Electrometry |
| Conductivity | $\mu \mathrm{Scm}{ }^{-1}$ |  |  | Quarterly | Standard ${ }^{\text {a }}$ | Electrometry |
| Ammonia (as N) | $\mathrm{mg} / \mathrm{l}$ |  | (a) $0^{3+1}$ | Biannually | Standard ${ }^{\text {a }}$ | Colorimetry |
| Nitrate | $\mathrm{mg} / \mathrm{l}$ |  | 25 | Biannually | Standard ${ }^{\text {a }}$ | Colorimetry |
| Nitrite | $\mathrm{mg} / \mathrm{l}$ |  | $00^{50}$ | Biannually | Standard ${ }^{\text {a }}$ | Colorimetry |
| Orthophosphate (as P) | $\mathrm{mg} / \mathrm{l}$ |  | - | Biannually | Standard ${ }^{\text {a }}$ | Colorimetry |
| Total Dissolved Solids | $\mathrm{mg} / \mathrm{l}$ |  |  | Biannually | Standard ${ }^{\text {a }}$ | Gravimetric |
| Dissolved Metals (Cd, Cu, Fe, Pb, Mg, Mn, $\mathrm{Ni}, \mathrm{Zn}$ ) | mg/l |  | $\mathrm{c}^{\mathrm{c}} \mathrm{cog}^{\mathrm{O}}$ | Annually | Standard ${ }^{\text {a }}$ | ICP-MS |
| Total Petroleum Hydrocarbons | $\mathrm{mg} / \mathrm{l}$ |  |  | Annually | Standard ${ }^{\text {a }}$ | GC-MS |
| Diesel Range Organics | $\mathrm{mg} / \mathrm{l}$ |  |  | Annually | Standard ${ }^{\text {a }}$ | GC-MS |
| Petrol Range Organics | $\mathrm{mg} / \mathrm{l}$ |  |  | Annually | Standard ${ }^{\text {a }}$ | GC-MS |
| Total Coliforms | mg/l |  |  | Annually | Standard ${ }^{\text {a }}$ | MPN |
| Faecal Coliforms | $\mathrm{mg} / \mathrm{l}$ |  |  | Annually | Standard ${ }^{\text {a }}$ | MPN |

*add rows to the table as necessary

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## Costed Environmental Liabilities Risk Assessment (ELRA)

Indicate if the activity, through pre-application meeting with the Agency or other means, is required to submit a costed ELRA ${ }^{8}$ as part of the licence, or licence review application.

Costed Environmental Liabilities Risk Assessment (ELRA) required to be submitted? (Yes/No): * No

If 'Yes', upload a costed Environmental Liabilities Risk Assessment (ELRA), prepared in accordance with the Environmental Protection Agency's Guidance on Assessing and Costing Environmental Liabilities (2014) (select Document Type: 'ELRA' in the application form).

Costed ELRA document filename:
Attachment-9-2-1-ELRA-Huntstown-2015 (previously approved)

Indicate your preferred form of financial provision instrument to meet ELRA costings have regarid to the Environmental Protection Agency's Guidance on Financial Provision (2015), e.g., Environmental Liability Insurance:

Bond (already in place) - To remain in place to cover recovery activities at South Quairy
Upload a financial provision proposal have regard to the Environmental Protection Agency's Guidance on Financial Provision (2015) (where required at application /review application stage) (select Document Type: 'Financial Provision Proposal' in the application form)

## Financial Provision Proposal filename:



8 There is an explicit requirement in EU and Irish law for financial provision for certain activities. The following categories of activities have an ELRA/CRAMP/FP requirement:

1. Landfills (excl. closed L.A. Landfills closed before $16^{\text {th }}$ July 2009)
2. CAT A Extractive Waste Facilities
3. High Risk Contaminated Land Facilities
4. All Haz-Waste Transfer Stations
5. Non-Haz WTS (Accepting >50,000 tons/annum)
6. Incineration (incl. co-incineration of hazardous waste)
7. Upper \& Lower Tier Seveso Sites
8. Exceptional circumstances associated with the site, e.g., significant ground/groundwater contamination

Regard should be had by applicants to relevant Agency guidance on these matters.

* indicates required field


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## Closure, Restoration and Aftercare Management Plan (CRAMP)

A restoration/aftercare period will be required where there are on-going environmental liabilities following closure. Applicants are required to describe the existing or proposed measures to avoid any risk of environmental pollution and to return the site to a satisfactory state or the state established in the baseline report where applicable, after the activity or part of the activity ceases operation.

A key measure is the preparation of a Closure, Restoration and Aftercare Management Plan (CRAMP) by the operator, for certain activities ${ }^{9}$. Notwithstanding the requirements of the EC Environmental Objectives (Groundwater) Regulations 2010, S.I. No. 9 of 2010, the closure and restoration/ aftercare target is the site condition at the time of the original application or the baseline report. The applicant shall have regard to the Environmental Protection Agency's Guidance on Assessing and Costing Environmental Liabilities (2014) in the preparation of the CRAMP.

Upload a CRAMP, where applicable (select Document Type: ‘Site Closure' in the application form)

CRAMP filename:
Attachment-9-2-2-CRAMP-Huntstown-2018 (previously submitted)

## Costed CRAMP

Indicate if the activity, through pre-application meeting with the Agency or othermeans, is required to have a CRAMP ${ }^{9}$ submitted as part of the licence, or licence review application.

CRAMP required to be submitted at application/licence review application stage? (Yes/No): * No

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Indicate your preferred form of financial provision instrument to meet CRAMP costings (where appropriate), e.g., Secured fund, On-demand performance Bond, Parent Company Guarantee, Charge on Property (have regard to the Environmental Protection Agency's Guidance on Financial Provision (2015) on the Agency's website):

State preferred form of financial provision instrument? Bond (already in place) - To remain in place to cover recovery activities at South Quarry

Upload a financial provision proposal (where required) having regard to the Environmental Protection Agency's Guidance on Financial Provision (2015) in making financial provision to cover any liabilities (select Document Type: 'Financial Provision Proposal' in the application form)

Financial Provision Proposal filename:
N/A


## Cessation of Activity

Where a CRAMP is not required, describe the measures to be taken on and forming the permanent cessation of the activity or part of the activity to avo risk of environmental pollution and to return the site of the activity to asâtisfactory state. (Input your response in the text box below or attach the information in to this attachment).

Details on cessation of recovery activities and facility closure attache South Quarry are provided in Attachment-9-2-3-SiteClosure.
These details will be added to an updated version of the CRAMP prepared on foot of the waste licence review / amended waste licence.

## Emergency Response Procedure

Do you have an emergency response procedure (ERP)? (Yes/No) * $\square$ Yes

Is the ERP compliant with the EPA guidance? (Yes/No) *
Yes

* indicates required field

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### 9.2. Nuisance

Complete the table below in relation to each potential nuisance. Identify if the activity may cause or contribute to the type of nuisance in the area of the installation/facility and, where applicable, identify the techniques used to prevent/minimise the nuisance.

| Type of Nuisance | Applicable to the activity? * (Yes/No/ Not Applicable) | Techniques to prevent nuisances * | Where nuisances cannot be prevented, techniques to be used to minimise and reduce nuisances |
| :---: | :---: | :---: | :---: |
| Odour | Not Applicable |  |  |
| Fire Control | Not Applicable | - The soil and stones being placed / recovered at thesouth Quarry recovery facility are free of flammable materials ano biodegradable waste which could create a fire or explosion fisk. Site recovery activities per se will not therefore presentiofire risk. <br> - Notwithstanding this, the following operational practices are (and will continue to be) implemented a to the facility to prevent fire outbreak <br> (i) smoking at the applieation site and at the site office or canteen will be prohibited; <br> (ii) any biodegradable or flammable waste identified or suspected in waste materials imported to site shall be immediately transferred to the waste quarantine area pending removal off-site to a licensed waste disposal or recovery facility; and <br> (iii) plant and equipment will be removed if they exhibit signs of overheating etc. <br> In the unlikely event that a fire does occur, the local fire station in Finglas will be contacted and emergency response procedures will be implemented. Fire extinguishers (water and foam) are provided at the site office to deal with any small outbreaks which may occur. |  |

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| Type of Nuisance | Applicable to the activity? * <br> (Yes/No/ <br> Not Applicable) | Techniques to prevent nuisances * | Where nuisances cannot be prevented, techniques to be used to minimise and reduce nuisances |
| :---: | :---: | :---: | :---: |
| Dust |  | - Water will be sprayed from a tractor drawn bowser on any dry exposed surfaces (roads and hardstand areas); <br> - Dust blows will be screened on by the existing quarry faces / side walls as backfilling activities progress upwards; <br> - As the level of the backfilled materials approaches final surface levels, the site will be seeded with grass on a phased basis, as soon as practicable after placement of cover soils (subsoil and di topsoil). This will help to minimise soil erosion and potential dust emissions; <br> - The area of bare or exposed soils will, insofar asspracticable, be kept to a minimum. If excessive dust emissions arisel, consideration will be given to establishing temporary vegetation cover over exposed soil surfaces and stockpiles pending saiksequent backfilling to final ground level; <br> - All HGV's exiting the licensed facilitity are (and will continue to be) routed through the existing wheelwash facility in order to minimise transport of mud and/or finestby HGVs onto the public road network; <br> - Stockpiling of imported s®ill materials will be minimized. Soils will ideally be placed and compacted in-situ immediately after being imported to site and end tipped. If and when temporary stockpiling of soil is required, it will be placed as far as practicable from nearby local residences. |  |
| Litter |  | - In the unlikely event that any litter waste is identified among imported materials, it shall be removed to the waste quarantine area pending removal off-site to a licenced waste disposal or recovery facility. |  |
| Birds | Not Applicable |  |  |

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| Type of Nuisance | Applicable to the activity? * <br> (Yes/No/ <br> Not Applicable) | Techniques to prevent nuisances * | Where nuisances cannot be prevented, techniques to be used to minimise and reduce nuisances |
| :---: | :---: | :---: | :---: |
| Mud |  | - In order to prevent transport of clay / mud onto the public road network, all HGV's existing the recovery facility are (and will continue to be) routed through a wheelwash installed along the egress road from the facility. <br> Other measures include <br> - Regularly clean and maintain the wheelwash facility; <br> - Use a road sweeper to clean local public roads as and wheñ required <br> - Maximise travel over paved road sections within the fâcility; <br> - Regularly inspect and maintain any unpaved roadsections within the facility so as to minimise potential accumulation of mud on wheels of HGV lorries. |  |
| Flies | Not Applicable | - |  |
| Vermin | Not Applicable |  |  |
| Other |  | $\mathrm{S}^{\mathrm{c}}{ }^{\circ \mathrm{O}}$ |  |
| Other' is selected define the other nuisance(s): $\mathrm{C}^{00^{000}}$ |  |  |  |

Note: Odour must also be addressed in the fugitive emissions section of the ' 7.4 Emissions to Atmosphere - Main and Fugitive' template, where applicable.

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### 9.3. Environmental Management System (EMS)

Do you have an environmental management system? (Yes/No) *
If 'Yes', is the environmental management system accredited? (Yes/No) *

State the date accreditation was achieved or is expected to be achieved, where applicable:

| Yes |
| :---: |
| Yes |
| 2004 |

State the standard of accreditation achieved:
ISO 14001 Environmental Management Systems

## Energy Efficiency

Outline the measures taken to ensure that energy is used efficiently having regard to the relevant decision on BAT conclusions and/or BAT guidance and where appropriate, an energy audit with reference to the EPA Guidance document on Energy Audit should be carried out. *

Has an energy audit been carried out? (Yes/No) *

Do you have an energy efficiency management system? (Yes/No) *

If 'Yes', is the energy efficiency management system accredited? (Yes/No)
State the date accreditation was achieved or is expected to be achieved, where applicable:

State the standard of accreditation achieved:

Much of the plant and equipment used / to be used at the Huntstown waste recovery facility is powered by diesel fuel, the consumption of which is closely tied tointàke / recovery rates. In the absence of any alternative energy sources, the potential to significantly reduce fuel consumption is limited.
Notwithstanding this, procedures will be put in place at the recovery facility to monitor fuel and electricity consumption and ensure that there is no unnecessary wastage arising from plant and equipment being powered up / on-stand-by / revved-up / left idling when they are not required to be.
Roadstone undertakes periodic energy efficiency audits of its operations to identify further potential opportunities to reduce energy consumption.

## No

No

Not Applicable

## Not Applicable

Not Applicable

* indicates required field

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### 9.4. Hours of Operation

Provide details of the hours of operation for the installation/facility * (hours and days per week, etc.), including:
(a) Proposed hours of operation.
08.00 hours to $\mathbf{1 8 . 0 0}$ hours Monday to Friday : $\mathbf{0 8 . 0 0}$ hours to $\mathbf{1 3 . 0 0}$ hours Saturday

Closed Sundays and Bank / Public Holidays (as per existing waste licence)
(b) Proposed hours of construction and development works and timeframes.

All key infrastructure elements required for recovery activities at South Quarry already in place.
(c) For waste activities, the proposed hours of waste acceptance.
$\mathbf{0 8 . 0 0}$ hours to $\mathbf{1 8 . 0 0}$ hours Monday to Friday : $\mathbf{0 8 . 0 0}$ hours to $\mathbf{1 3 . 0 0}$ hours Saturelay
Closed Sundays and Bank / Public Holidays (as per existing waste licence)
(d) Any other relevant hours of operation expected (e.g., waste händling, etc.).

Any / all other waste activities - within permitted working hours identified above

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### 9.5. Review of a Licence

Where the Office of Environmental Enforcement (OEE) has agreed any variations or adjustments to the conditions or schedules of the existing licence, the licensee must provide details of these agreed variations and adjustments to the existing licence conditions in the table that follows.

An updated, scaled drawing of the site layout (no larger than A3) providing visual information on such adjustments or variations where appropriate should be uploaded in the site tab - 'site plan(s)' upload.

In the case of once-off assessments/reports required under conditions/schedules of the existing licence the licensee must provide details of those assessments/reports that have been completed and agreed with the OEE or as otherwise agreed, in the table below.

No variations or adjustments to conditions or schedules of the existing waste licence (Ref. W0277-03) have been agreed with Office of Environmental Enforcement (OEE) since it was issued in October 2018.

| Condition/ <br> Schedule No. | Existing Condition | OEE Agreement <br> Reference | Description |
| :--- | :--- | :--- | :--- | :--- | :--- |

*add rows to the table as necessary

### 9.6 Environmental Management Techniques - Upload Files


[^0]:    1 This part of the form collects information on environmental management at the installation/ facility. It seeks to understand the maturity of the management system in terms of knowledge of abnormal operating conditions, prevention and early detection measures and emergency response procedures. The level of detail required in this part of form relates to the environmental risk posed.

[^1]:    ${ }^{2}$ Information relating to the integrity, impermeability and recent testing or pipes, tanks and bund areas should be included.

    * indicates required field

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[^2]:    ${ }^{6}$ Six Digit GPS Irish National Grid Reference
    ${ }^{7}$ Six Digit GPS Irish National Grid Reference
    indicates required field

[^3]:    9 There is an explicit requirement in EU and Irish law for financial provision for certain activities. The applicant shall have regard to the Environmental Protection Agency's Guidance in determining CRAMP requirements and on Financial Provision (2015) in making financial provision to cover any liabilities.

    The following categories of activities have an ELRA/CRAMP/FP requirement:

    1. Landfills (excl. closed L.A. Landfills closed before $16^{\text {th }}$ July 2009)
    2. CAT A Extractive Waste Facilities
    3. High Risk Contaminated Land Facilities
    4. All Haz-Waste Transfer Stations
    5. Non-Haz WTS (Accepting >50,000 tons/annum)
    6. Incineration (incl. co-incineration of hazardous waste)
    7. Upper \& Lower Tier Seveso Sites
    8. Exceptional circumstances associated with the site e.g. significant ground/groundwater contamination.
