| Facility Information Summary | , | | | | |
|---|------------------------|--------------|---------------------------|---------------|---------------|
| AER Reporting Year | 2015 | | | | |
| Licence Register Number | W0283-01 | | | | |
| Name of site | Drehid Mechanical Biol | logical Trea | tment (MBT) Facility | | |
| Site Location | Coolcarrigan and Dr | rummond to | wnlands, Carbury, Co. | Kildare | |
| NACE Code | | | | | |
| Class/Classes of Activity | D8, D13, D14, D15, R4, | R5, R12 & F | R13 | | |
| National Grid Reference (6E, 6 N) | | | | | |
| A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise. | | | | | |
| | | Fac | ility has not been built. | . Site is not | in operation. |

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

| | AIR-summary template | Lic No: | W0283-01 | Year | 2015 |
|---|---|---------|----------|------------------------|------|
| | Answer all questions and complete all tables where relevant | | | | |
| | | | | Additional information | |
| | Dans to the harte lineared air amining of the plane and the half of and A2 helps for the automate | | | | |
| 1 | Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If you do not have licenced emissions and do not complete | | | | |
| _ | a solvent management plan (table A4 and A5) you do not need to complete the tables | | | | |
| | <u> </u> | SELECT | | | |
| | | | | | |
| | Periodic/Non-Continuous Monitoring | | | | |
| | | | | | |
| 2 | Are there any results in breach of licence requirements? If yes please provide brief details in the comment section | | | | |
| | of TableA1 below | SELECT | | | |
| 2 | Basic air_ | | | | |
| 3 | Was all monitoring carried out in accordance with EPA guidance monitoring | OF LEGT | | | |
| | note AG2 and using the basic air monitoring checklist? checklist AGN2 | SELECT | | | |

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

| Emission reference no: | | Frequency of | ELV in licence or any revision therof | Licence Compliance criteria | | | Compliant with | Method of analysis | Annual mass | Comments - reason for change in % mass load from previous year if applicable |
|---------------------------|----------------------|--------------|---|-------------------------------|-------------------|-------------|-----------------|------------------------|-------------|---|
| reference no. | Talameter/ Oubstance | Wilding | tileioi | Electice Compilaries criteria | IVICASAI CA VAIAC | measurement | ilcence illilic | ivietilou or arialysis | Ioau (kg) | аррисавіе |
| | | | | | | | | | | |
| | SELECT | | | SELECT | | SELECT | SELECT | SELECT | | |
| | | | | | | | | | | |
| | SELECT | | | SELECT | | SELECT | SELECT | SELECT | | |
| | JEELCI | | | SEEECI | | SEEECI | SEEECI | SEEECT | | |
| | | | | | | | | | | |
| 1 | SELECT | | | SELECT | | SELECT | SELECT | SELECT | | |
| | SELECT | | | SELECT | | SELECT | SELECT | SELECT | | |

Note 1: Volumetric flow shall be included as a reportable parameter

| | AIR-summary template | Lic No: | W0283-01 | Year | 2015 |
|---|--|---------|----------|------|------|
| | Continuous Monitoring | | | | |
| 4 | Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and | SELECT | | | |
| 5 | compare it to its relevant Emission Limit Value (ELV) Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below | SELECT | | | |
| 6 | Do you have a proactive service agreement for each piece of continuous monitoring equipment? | SELECT | | | |
| 7 | Did your site experience any abatement system bypasses? If yes please detail them in table A3 below Table A2: Summary of average emissions -continuous monitoring | SELECT | | | |

| Emission | Parameter/ Substance | | Averaging Period | Compliance Criteria | Units of | Annual Emission | Annual maximum | Monitoring | Number of ELV | Comments |
|---------------|----------------------|---------------------|------------------|---------------------|-------------|-----------------|----------------|------------------|----------------|----------|
| reference no: | | | | | measurement | | | Equipment | exceedences in | |
| | | | | | | | | downtime (hours) | current | |
| | | ELV in licence or | | | | | | | reporting year | |
| | | any revision therof | | | | | | | | |
| | SELECT | | | SELECT | SELECT | | | | | |
| | SELECT | | | | SELECT | | | | | |
| | SELECT | | | | SELECT | | | | | |
| | SELECT | | | | SELECT | | | | | |
| | SELECT | | | | SELECT | | | | | |

note 1: Volumetric flow shall be included as a reportable parameter.

Table A3: Abatement system bypass reporting table Bypass protocol

| Date* | Duration** (hours) | Location | Reason for bypass | Impact magnitude | Corrective action |
|-------|--------------------|----------|-------------------|------------------|-------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

^{*} this should include all dates that an abatement system bypass occurred

^{**} an accurate record of time bypass beginning and end should be logged on site and maintained for future

Agency inspections please refer to bypass protocol link

| R-summary | template | | | | Lic No: | W0283-01 | | Year | 2015 |
|-----------------|------------------------------|--------------------------------------|-----------------------------------|---|------------------|--------------------|------------------|---------------------|------|
| Solvent | use and manageme | nt on site | | | | | | | |
| vav bova a tati | al Emission Limit Value of | direct and fraitire an | issians an sita? if i | es please fill out tables A4 and A | . E | | | | |
| you nave a tota | ai Emission Limit Value of t | anect and rugitive en | iissions on siter ii y | res piease IIII out tables A4 aliu A | 13 | | SELECT | | |
| | ent Management Pl | an Summary | Solvent regulations | Please refer to linked solven complete table 5 | | | | | |
| tal VOC Em | ission limit value | | regulations | complete table 5 | and 6 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| eporting year | Total solvent input on | Total VOC | Total VOC | | Compliance | | | | |
| | site (kg) | emissions to Air from entire site | emissions as %of solvent input | Total Emission Limit Value | | | | | |
| | | (direct and fugitive) | | (ELV) in licence or any revision | | | | | |
| | | | | therof | | | | | |
| | | | | | SELECT | | | | |
| | | | | | SELECT | | | | |
| Table A5: | Solvent Mass Balan | ce summary | | | | | | | - |
| | | | | | | | | | |
| | (I) Inputs (kg) | | | (0) | Outnute (kg) | | | | |
| | (i) iliputs (kg) | | | (0) | Outputs (kg) | | | | |
| | | | | | | | | | |
| Solvent | (I) Inputs (kg) | | Solvents lost in | Collected waste solvent (kg) | Fugitive Organic | | | Total emission of | 1 |
| | (i) inputs (kg) | emission in waste | water (kg) | | Solvent (kg) | in other ways e.g. | destroyed onsite | Solvent to air (kg) | |
| | | | | | | | | | _ |
| | | | | | | | | | |
| | | | | | | | | |] |
| | | | | | | | Total | | |

| AER Monitor | ring returns su | mmary template-W | ATER/WASTEW | ATER(SEWER |) | Lic No: | W0283-01 | | Year | 2015 |
|-----------------|---------------------------|--|----------------------|-------------------|------------------|-----------------------|------------------------|-------------|------------------|----------|
| | | | | | | | Additional information | | 7 | |
| Does your site | e have licensed er | missions direct to surfac | e water or direct to | sewer? If yes | | | | | | |
| | | nd W3 below for the cur | | | | | | | | |
| | | have licenced emissions | | | | | | | | |
| v | VI and or W2 for | storm water analysis ar | nd visual inspectio | ins | SELECT | | | | | |
| Was it a requir | ement of your lic | ence to carry out visual | inspections on an | y surface water | | | | | | |
| | | or near your site? If yes | | | | | | | | |
| summarisi | ng <u>only any evide</u> | ence of contamination n | oted during visual | inspections | SELECT | | | | | |
| Table \ | W1 Storm wat | er monitoring | | | | | | | | |
| | | | | | ELV or trigger | Danie | | | | |
| Location | Location relative to site | PRTR Parameter | Licenced | Monitoring | level in licence | Licence Compliance | Measured value | Unit of | Compliant with | Comments |
| reference | activities | 1 KTKT drameter | Parameter | date | or any revision | criteria | IVICASUI CU VAIUC | measurement | licence | comments |
| | | | | | thereof* | | | | | |
| | SELECT SELECT | SELECT SELECT | SELECT SELECT | | | SELECT | | SELECT | SELECT SELECT | |
| | | | | | | SELECT | | SELECT | SELECT | |
| | | the Agency outside of lice spections-Please onl | | uhoro conte- | aination was st | scomed | | | | |
| Table | | spections-Please oni | y enter details | wnere contan | nination was of | servea. | | | | |
| Location | Date of | | | | | Source of | | | | |
| Reference | inspection | | Description of cont | amination | | contamination | Corrective action | on | Comm | ents |
| | <u> </u> | | | | | SELECT | | | | |
| <u> </u> | | | | | | SELECT | | | L | |
| | | | | | | | | | | |
| Licensed Emi | issions to wat | er and /or wastewa | ter(sewer)-peri | odic monitori | ng (non-contin | uous) | | | | |
| 3 Was there any | | of licence requirements? If | | | | | | | | |
| | the co | mment section of Table V | V3 below | | SELECT | | Additional information | | | |
| Was all monit | oring carried out it | n accordance with EPA | | | | | | | | |
| | | y of Aqueous Monitoring | External /Internal | | | | | | | |
| Data Reported | to the EPA? If no | please detail what areas | Lab Quality | Assessment of | | | | | | |
| 4 require imp | rovement in additi | ional information box | checklist | results checklist | SELECT | | | | | |

Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

| Emission reference no: | Emission released to | Parameter/ SubstanceNote 1 | | Frequency of monitoring | | ELV or trigger values in licence or any revision therof ^{Note 2} | | Measured value | | Compliant with licence | Method of analysis | Procedural | Annual mass load (kg) | Comments |
|------------------------|----------------------|-------------------------------|--------|-------------------------|--------|--|--------|----------------|--------|------------------------|--------------------|------------|-----------------------|----------|
| | SELECT | SELECT | SELECT | | SELECT | | SELECT | | SELECT | SELECT | SELECT | SELECT | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

| AER Monitoring returns summary template-WATER/WASTEWATER(SEWER |) | Lic No: | W0283-01 | Year | 2015 |
|---|--------|---------|------------------------|------|------|
| Continuous monitoring | | | Additional Information | _ | |
| 5 Does your site carry out continuous emissions to water/sewer monitoring? | SELECT | | | | |
| If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV) | | | | | |
| Did continuous monitoring equipment experience downtime? If yes please record downtime in | | | | | |
| table W4 below | SELECT | | | | |
| Do you have a proactive service contract for each piece of continuous monitoring equipment on | | | | | |
| site? | SELECT | | | | |
| Did abatement system bypass occur during the reporting year? If yes please complete table W5 | | | | _ | |
| ⁸ below | SELECT | | | | |
| Table W4: Summary of average emissions -continuous monitoring | | - | | | |

| Emission reference no: | Emission released to | | | Compliance Criteria | | , | | Number of ELV exceedences in reporting year | Comments |
|------------------------|-------------------------|--------|--------|------------------------|--------|---|-------|---|----------|
| | SELECT | SELECT | SELECT | SELECT | SELECT | | , , , | | |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | | | |
| | | | | | | | | | |

note 1: Volumetric flow shall be included as a reportable parameter.

Table W5: Abatement system bypass reporting table

| Dat | Duration (hours) | | action* | | When was this report submitted? |
|-----|---------------------|--|---------|--------|---------------------------------|
| | | | | SELECT | |
| | | | | | |
| | | | | | |

^{*}Measures taken or proposed to reduce or limit bypass frequency

| Bund/Pipeline te | esting template | | | | Lic No: | W0283-01 | | Year | 2015 | 5 | | | | |
|---|--|--|---|--|--|---|------------------------|---------------------|-------------------|------------------------|---------------------------------|-------------------------|----------------|---------|
| Bund testing | | dropdown menu cli | ick to see options | | | | Additional information | | | | | | | |
| | our licence to undertake i | ntegrity testing on bunds and con | · | lease fill out table R1 below | v listing all new hunds an | d | | | | | | | | |
| | | II bunds which failed the integrity | | | | | | | | | | | | |
| | | de the licenced testing period (mo | | | | | | | | | | | | |
| | ty testing frequency perio | | | | | SELECT SELECT | | - | | | | | | |
| | | erground pipelines (including stori | | | | SELECT | | | | | | | | |
| "Chemstore" type unit | | erground pipelines (including stori | iliwater and roury, ranks, sun | nps and containers: (contai | illers reiers to | SELECT | | | | | | | | |
| How many bunds are | | | | | | JELECI | | | | | | | | |
| | | thin the required test schedule? | | | | | | | | | | | | |
| How many mobile bur | | | | | | | | | | | | | | |
| Are the mobile bunds | included in the bund test | schedule? | | | | SELECT | | | | | | | | |
| | | sted within the required test sche | dule? | | | | | | | | | | | |
| | site are included in the int | | | | | | | | | | | | | |
| | imps are integrity tested v | | | | | | | | | | | | | |
| | ntegrity failures in table E | | | | | SELECT | | | | | | | | |
| | mbers have high level liqui | id alarms? I in a maintenance and testing pro | ogramme? | | | SELECT | | + | | | | | | |
| | | or in a maintenance and testing pro ur integrity test programme? | grannie! | | | SELECT | | + | | | | | | |
| is the rive water nete | incidir i ona incidaca in yo | ar integrity test programme. | | | | DELECT | | _ | | | | | | |
| Tal | ble B1: Summary details o | f bund /containment structure int | tegrity test | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Result |
| | | | | | | | | | Integrity reports | | | | | retest(|
| Bund/Containment | | | | | | | | | maintained on | | Integrity test failure | | Scheduled date | |
| structure ID | Type | Specify Other type | Product containment | Actual capacity | Capacity required* | Type of integrity test | Other test type | Test date | site? | Results of test | explanation <50 words | Corrective action taken | for retest | reporti |
| structure 15 | SELECT | Specify Guier type | T TOUGET CONTAINMENT | rictual capacity | cupacity required | SELECT | other test type | T C St Gutt | SELECT | SELECT | explanation 450 Words | SELECT | IOI ICICSC | Героги |
| | | | | | | | | | | | | | | |
| | SELECT | | | | | SELECT | | | SELECT | SELECT | | SELECT | | |
| | mply with 25% or 110% containmen | | | | | SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b | mply with 25% or 110% containment een carried out in accorda | nt rule as detailed in your licence ance with licence requirements an | nd are all structures tested in | | | | Commentary |] | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA | mply with 25% or 110% containment een carried out in accorda Guidance? | ance with licence requirements an | d are all structures tested in | bunding and storage guide | lines | SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer | mply with 25% or 110% containment seen carried out in accordance? Guidance? | ance with licence requirements an inment systems tested? | | | lines | SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer | mply with 25% or 110% containment seen carried out in accordance? Guidance? | ance with licence requirements an | | | lines | SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer | mply with 25% or 110% containment seen carried out in accordance? Guidance? | ance with licence requirements an inment systems tested? | | | lines | SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer Are channels/transfer | mply with 25% or 110% containment seen carried out in accordance? Guidance? | ance with licence requirements an inment systems tested? | | | lines | SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergri | mply with 25% or 110% containment een carried out in accorda Guidance? - systems to remote contar - systems compliant in bot ound structure testing | ance with licence requirements an inment systems tested? thintegrity and available volume? | | bunding and storage guide | | SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b line with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergransfer | mply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contar r systems compliant in bot ound structure testing our licence to undertake i | ance with licence requirements an inment systems tested? th integrity and available volume? | structures e.g. pipelines or s | bunding and storage guide | out table 2 below listing | SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b ine with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by yo all underground struct | mply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contain r systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site | ance with licence requirements an inment systems tested? th integrity and available volume? Integrity testing* on underground which failed the integrity test an | structures e.g. pipelines or s | bunding and storage guide | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b ine with BS8007/EN Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by y all underground struct Please provide integri | mply with 125% or 110% containment een carried out in accord: Guidance? - systems to remote conta - systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perio | ance with licence requirements an inment systems tested? thi integrity and available volume? tegrity testing* on underground a tegrity testing on underground a d | structures e.g. pipelines or s ad all which have not been te | bunding and storage guide umps etc? If yes please fill. | out table 2 below listing | SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b ine with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by y all underground struct Please provide integri | mply with 12% or 110% containment een carried out in accord: Guidance? - systems to remote conta - systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perio | ance with licence requirements an inment systems tested? th integrity and available volume? Integrity testing* on underground which failed the integrity test an | structures e.g. pipelines or s ad all which have not been te | bunding and storage guide umps etc? If yes please fill. | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| las integrity testing b ine with BS8007/EPA five channels/transfer Are channels/transfer Pipeline/undergr Are you required by yi ill underground struct Please provide integrity iplease note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground as which failed the integrity test and duties the systems of the systems | structures e.g. pipelines or s and all which have not been to pipelines (as required under | bunding and storage guide umps etc? If yes please fill. | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| las integrity testing b ine with BS8007/EPA five channels/transfer Are channels/transfer Pipeline/undergr Are you required by yi ill underground struct Please provide integrity iplease note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an inment systems tested? thi integrity and available volume? tegrity testing* on underground a tegrity testing on underground a d | structures e.g. pipelines or s and all which have not been to pipelines (as required under | bunding and storage guide umps etc? If yes please fill. | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| las integrity testing b ine with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by ye all underground struct Please provide integrity 'please note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground as which failed the integrity test and duties the systems of the systems | structures e.g. pipelines or s and all which have not been to pipelines (as required under | bunding and storage guide umps etc? If yes please fill. | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| las integrity testing be ne with BS8007/EPA re channels/transfer Are channels/transfer Pipeline/undergr ure you required by ye ill underground struct lease provide integrity please note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground as which failed the integrity test and duties the systems of the systems | structures e.g. pipelines or s and all which have not been to pipelines (as required under | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| las integrity testing b ine with BS8007/EPA five channels/transfer Are channels/transfer Pipeline/undergr Are you required by yi ill underground struct Please provide integrity iplease note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground as which failed the integrity test and duties the systems of the systems | structures e.g. pipelines or s and all which have not been to pipelines (as required under | bunding and storage guide umps etc ? if yes please fill sted withing the integrity t your licence) Type of secondary | out table 2 below listing | SELECT SELECT SELECT SELECT | Commentary | | SELECT | | | SELECT | | |
| Has integrity testing b ine with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by ye all underground struct Please provide integrity *please note integrity | empreted 55% et 110% containers Guidance? systems to remote contar systems to remote contar systems compiliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior testing means water tigh | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground as which failed the integrity test and duties the systems of the systems | structures e.g. pipelines or si nd all which have not been te pipelines (as required under ntegrity test | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to | out table 2 below listing | SELECT SELECT SELECT SELECT SELECT SELECT | Commentary | Integrity test | | SELECT | | SELECT | | |
| Has integrity testing by ine with BS007/EPA Are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergn Are you required by y all underground strucy Pipelase provide integrity Pipelase note integrity Table | mely neth 25% et 110% contained eeen carried out in accord; Guidance? systems to remote conta r systems to remote conta r systems compiliant in bot ound structure testing our licence to undertake i tures and pipelines on site ty testing frequency perior testing means water tigh e 82: Summary details of i | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground which failed the integrity test and district the integrity test and district the integrity test and the integrity test and the integrity test and the integrity test and district the integrity testing for process and foul in pipeline/underground structures in the integrity that the integri | structures e.g., pipelines or so d all which have not been te pipelines (as required under ntegrity test Does this structure have | bunding and storage guide umps etc ? if yes please fill sted withing the integrity t your licence) Type of secondary | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT | | failure explanation | Corrective action | SELECT Scheduled date | Results of retest(if in current | SELECT | | |
| las integrity testing b ine with BS8007/EPA Are channels/transfer Are channels/transfer Pipeline/undergr Are you required by ye all underground struct Please provide integrity 'please note integrity | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | | | SELECT | reporting year) | SELECT | | |
| ass integrity testing by ine with \$85007/EPA Are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergri Pipeline/undergri Are you required by yi Il underground structife (Please provide integrity (Please note integrity Table | mely neth 25% et 110% contained eeen carried out in accord; Guidance? systems to remote conta r systems to remote conta r systems compiliant in bot ound structure testing our licence to undertake i tures and pipelines on site ty testing frequency perior testing means water tigh e 82: Summary details of i | ance with licence requirements an imment systems tested? the integrity and available volume? Integrity testing* on underground which failed the integrity test and district the integrity test and district the integrity test and the integrity test and the integrity test and the integrity test and district the integrity testing for process and foul in pipeline/underground structures in the integrity that the integri | structures e.g., pipelines or so d all which have not been te pipelines (as required under ntegrity test Does this structure have | bunding and storage guide umps etc ? if yes please fill sted withing the integrity t your licence) Type of secondary | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT | | failure explanation | Corrective action | SELECT Scheduled date | | SELECT | | |
| ass integrity testing by ine with \$85007/EPA Are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergri Pipeline/undergri Are you required by yi Il underground structife (Please provide integrity (Please note integrity Table | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |
| asa integrity testing by ass integrity testing by me with \$88007/EPA are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergrip are you required by yill underground structive and the structive and the structive are provided in the structive and the structive are the structive and the structive are structive and the structive are structive and the structive are structive as a structive and the structive are structive and the structive are structive as a structive and the structive are structive as a structive and the structive are structive as a structive as a structive are structive as a structive are structive as a structive as a structive are structive as a structive are structive as a structive as a structive as a structive are structive as a stru | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |
| ass integrity testing by ine with \$85007/EPA Are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergri Pipeline/undergri Are you required by yi Il underground structife (Please provide integrity please note integrity Table | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |
| asa integrity testing by ass integrity testing by me with \$88007/EPA are channels/transfer Are channels/transfer Are channels/transfer Pipeline/undergrip are you required by yill underground structive and the structive and the structive are provided in the structive and the structive are the structive and the structive are structive and the structive are structive and the structive are structive as a structive and the structive are structive and the structive are structive as a structive and the structive are structive as a structive and the structive are structive as a structive as a structive are structive as a structive are structive as a structive as a structive are structive as a structive are structive as a structive as a structive as a structive are structive as a stru | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |
| las integrity testing by me with BS8007/EPA re channels/transfer tre channels/transfer tre channels/transfer pipeline/undergri re you required by yi il underground struct lease provide integrity please note integrity Table | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? In integrity and available volume? Integrity testing* on underground a which failed the integrity test and do the system of the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? If yes please fill sted withing the integrity to your licence) Type of secondary containment | out table 2 below listing test period as specified | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |
| las integrity testing by me with BS8007/EPA re channels/transfer tre channels/transfer tre channels/transfer pipeline/undergri re you required by yi il underground struct lease provide integrity please note integrity Table | mely set 25% s 110% contained seen carried out in accords Guidance? systems to remote conta systems compliant in bot ound structure testing our licence to undertake it tures and pipelines on site ty testing frequency perior tresting means water tigh e B2: Summary details of p | ance with licence requirements an imment systems tested? the integrity and available volume? The integrity testing on underground which failed the integrity test and these testing for process and foul pipeline/underground structures in the integrity test and the set testing for process and foul pipeline/underground structures in the integrity test and the set testing for process and foul pipeline/underground structures in the integrity testing for process and foul pipeline/underground structures in the integrity testing for process and foul pipeline/underground structures in the integrity testing for process and foul pipeline/underground structures in the integrity testing for process and foul pipeline for the integrity testing for process and foul pipeline/underground structures in the integrity testing for process and foul pipeline for the integrity testing for process and foul pipeline for the integrity testing for process and foul pipeline for the integrity test and the | structures e.g. pipelines or sid all which have not been te pipelines (as required under ntegrity test Does this structure have Secondary containment? | bunding and storage guide umps etc ? if yes please fill sted withing the integrity to your licence) Type of secondary containment SELECT | out table 2 below listing test period as specified Type integrity testing SELECT | SELECT SELECT SELECT SELECT SELECT SELECT Integrity reports maintained on site? | Results of test | failure explanation | Corrective action | SELECT Scheduled date | reporting year) | SELECT | | |

| Groundwater/Soil monitoring template | Lic No: | W0283-01 | Year | 2015 | |
|--------------------------------------|---------|----------|------|------|--|
|--------------------------------------|---------|----------|------|------|--|

Comments

| Are you required to carry out groundwater monitoring as part of your licence requirements? | SELECT | Please provide an interpretation of groundwater monitoring data in the |
|--|--------|--|
| 2 Are you required to carry out soil monitoring as part of your licence requirements? | SELECT | interpretation box below or if you require additional space please |
| Do you extract groundwater for use on site? If yes please specify use in comment | | include a groundwater/contaminated land monitoring results |
| 3 section | SELECT | interpretaion as an additional section in this AER |
| Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is 4 there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. | SELECT | |
| 5 Is the contamination related to operations at the facility (either current and/or historic) | SELECT | |
| 6 Have actions been taken to address contamination issues?If yes please summarise | | |
| remediation strategies proposed/undertaken for the site | SELECT | |
| 7 Please specify the proposed time frame for the remediation strategy | SELECT | |
| 8 Is there a licence condition to carry out/update ELRA for the site? | SELECT | |
| 9 Has any type of risk assesment been carried out for the site? | SELECT | |
| 10 Has a Conceptual Site Model been developed for the site? | SELECT | |
| 11 Have potential receptors been identified on and off site? | SELECT | |
| 12 Is there evidence that contamination is migrating offsite? | SELECT | Please enter interpretation of data here |

Table 1: Upgradient Groundwater monitoring results

| Date of sampling | Sample location reference | Parameter/ Substance | Methodology | Monitoring frequency | Maximum Concentration++ | Average Concentration+ | unit | GTV's* | | Upward trend in pollutant concentration over last 5 years of monitoring data |
|------------------|---------------------------------|-------------------------|----------------|----------------------|----------------------------|---------------------------|--------|--------|--------|--|
| Sampling | reference | Substance | ivietriodology | rrequericy | Concentration++ | Concentration+ | unit | GIVS | SELECT | or monitoring data |
| | | | | | | | SELECT | | | SELECT |
| | | | | | | | SELECT | | | SELECT |

^{.+} where average indicates arithmetic mean

Table 2: Downgradient Groundwater monitoring results

| | | | race:oc | | | | | | |
|------------------|---------------------------------|-------------------------|---------|----------------------|--------------------------|--------------------------|--------|--------|--|
| | | | | | | | | | Upward trend in yearly average pollutant |
| Date of sampling | Sample location reference | Parameter/ Substance | | Monitoring frequency | Maximum Concentration | Average Concentration | unit | GTV's* | concentration over last 5 years of monitoring data |
| | | | | | | | SELECT | | SELECT |
| | | | | | | | SELECT | | SELECT |

^{.++} maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Groundwater/Soil monitoring template

Lic No:

W0283-01

Year

water EQS

2015

*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

Groundwater monitoring template

as otherwise instructed by the EPA.

More information on the use of soil and groundwater standards/ generic
assessment criteria (GAC) and risk assessment tools is available in the EPA published

Guide

Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

guidance (see the link in G31)

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

Surface Groundwater Drinking water (private supply)

standards

GTV's

Drinking water (public supply) standards Unterim Guideline Values (IGV)

| Groundy | vater/Soil n | nonitoring t | emplate | | Lic No: | W0283-01 | | Year | 2015 | |
|------------------|---------------------------------|-------------------------|---------|----------------------|--------------------------|--------------------------|--------|------|------|--|
| Table 3: | Soil results | | | | | | | | | |
| Date of sampling | Sample location reference | Parameter/ Substance | | Monitoring frequency | Maximum Concentration | Average Concentration | unit | | | |
| | | | | | | | SELECT | | | |
| | | | | | | | SELECT | | | |
| | | l | l | | | 1 | Joeen | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Environmental Liabilities template Lic No: W0283-01 Year 2015

Click here to access EPA guidance on Environmental Liabilities and Financial provision

| | | | Commentary |
|----|---|--------------------|------------|
| | | | |
| 1 | ELRA initial agreement status | | |
| | | SELECT | |
| | | | |
| | | | |
| 2 | ELRA review status | SELECT | |
| | | | |
| 3 | Amount of Financial Provision cover required as determined by the latest ELRA | Specify | |
| | | | |
| 4 | Financial Provision for ELRA status | SELECT | |
| | | | |
| 5 | Financial Provision for ELRA - amount of cover | Specify | |
| | | | |
| 6 | Financial Provision for ELRA - type | SELECT | |
| _ | Figure stell association for FLDA construction | Futur continued to | |
| 7 | Financial provision for ELRA expiry date | Enter expiry date | |
| 8 | Closure plan initial agreement status | SELECT | |
| 9 | Closure plan review status | SELECT | |
| 10 | Financial Provision for Closure status | SELECT | |
| 11 | Financial Provision for Closure - amount of cover | Specify | |
| 12 | Financial Provision for Closure - type | SELECT | |
| 13 | Financial provision for Closure expiry date | Enter expiry date | |

| | Environmental Management Programme/Continuous Improvement Programm | e template | Lic No: | W0283-01 | Year | 2015 |
|---|---|------------|------------------------|----------|------|------|
| | Highlighted cells contain dropdown menu click to view | | Additional Information | | _ | |
| 1 | Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information | SELECT | | | | |
| 2 | Does the EMS reference the most significant environmental aspects and associated impacts on-site | SELECT | | | | |
| 3 | Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements | SELECT | | | | |
| 4 | Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence | SELECT | | | | |

| Environmental Management Programme (EMP) report | | | | | | | | | | | |
|---|--------|----------------------|---------------------------|----------------|-----------------------|--|--|--|--|--|--|
| Objective Category | Target | Status (% completed) | How target was progressed | Responsibility | Intermediate outcomes | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| SELECT | | SELECT | | SELECT | SELECT | | | | | | |
| SELECT | | SELECT | | | SELECT | | | | | | |
| SELECT | | SELECT | | SELECT | SELECT | | | | | | |

| | N | oise monitor | ing summary | report | | | Lic No: | W0283-01 | Year | 2015 | |
|--|------------------|--------------------------|--|------------------|------------------|------------------|-------------------------------|---------------------------------|---|---|---|
| 1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? 3 Does your site have a noise reduction plan 4 When was the noise reduction plan last updated? Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since survey? | | | | | | | Noise Guidance note NG4 | SELECT SELECT SELECT Enter date | | 2013 | |
| Table N1: No | ise monitoring s | ummary | | | | | | | | | |
| Date of monitoring | Time period | Noise location (on site) | Noise sensitive location -NSL (if applicable) | LA _{eq} | LA ₉₀ | LA ₁₀ | LA _{max} | Tonal or Impulsive | If tonal /impulsive noise was identified was 5dB penalty applied? | Comments (ex. main noise sources on site, & extraneous noise ex. road traffic) | Is <u>site_compliant</u> with noise limits (day/evening/night)? |
| | | | | | | | | SELECT | SELECT | | SELECT |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| *Please ensure tha | | | r guidance note NG4. T | | | | | ne corrective action fro | m the following options? | SELECT | |

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

2015

1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

SEAI - Large Industry Energy Network (LIEN)

Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information New York Conservation as the SEAI programme linked to the right? If yes please list them in additional information of the second se

Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

| Additional information |
|------------------------|
| |
| |
| |
| |
| |

| Table R1 Energy usag | e on site | | | |
|-------------------------------------|---------------|--------------|---|--|
| Energy Use | Previous year | Current year | Production +/- % compared to previous reporting year** | Energy Consumption +/- % vs overall site production* |
| Total Energy Used (MWHrs) | | | | |
| Total Energy Generated (MWHrs) | | | | |
| Total Renewable Energy Generated (N | //WHrs) | | | |
| Electricity Consumption (MWHrs) | | | | |
| Fossil Fuels Consumption: | | | | |
| Heavy Fuel Oil (m3) | | | | |
| Light Fuel Oil (m3) | | | | |
| Natural gas (m3) | | | | |
| Coal/Solid fuel (metric tonnes) | | | | |
| Peat (metric tonnes) | | | | |
| Renewable Biomass | | | | |
| Renewable energy generated on site | | | | |

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

| Table R2 Water usage | on site | | | | Water Emissions | Water Consumption | |
|----------------------|----------------------|---------------------|--------------------|-------------------|--------------------|---------------------|------------------------|
| | | | | | | Volume used i.e not | |
| | | | Production +/- % | Energy | | discharged to | |
| | | | compared to | Consumption +/- % | Volume Discharged | environment e.g. | |
| | Water extracted | Water extracted | previous reporting | vs overall site | back to | released as steam | |
| Water use | Previous year m3/yr. | Current year m3/yr. | year** | production* | environment(m³yr): | m3/yr | Unaccounted for Water: |
| Groundwater | | | | | | | |
| Surface water | | | | | | | |
| Public supply | | | | | | | |
| Recycled water | | | | | | | |
| Total | | | | | | | |

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

^{**} where site production information is available please enter percentage increase or decrease compared to previous year

| Table R3 Waste Stream | Summary | | | | |
|------------------------|---------|----------|--------------|----------|-------|
| | Total | Landfill | Incineration | Recycled | Other |
| Hazardous (Tonnes) | | | | | |
| Non-Hazardous (Tonnes) | | | | | |

| Resource | e Usage/Energy efficiency sun | nmary | | | Lic No: | W0283-01 | | Year | 2015 |
|----------|-------------------------------|------------------------|-------------------------------------|--------------------|----------------------------|---------------------|----------------|------|---------------------|
| | Table R4: Energy Au | dit finding recommenda | tions | | | | | | |
| | Date of audit | | Description of Measures proposed | Origin of measures | Predicted energy savings % | Implementation date | Responsibility | | Status and comments |
| | | | | SELECT | | | | | |
| | | | | SELECT | | | | | |
| | | | | SELECT | | | | | |

| | Unit ID | Unit ID | Unit ID | Unit ID | Station Total |
|--------------------------------------|---------|---------|---------|---------|---------------|
| Technology | | | | | |
| Primary Fuel | | | | | |
| Thermal Efficiency | | | | | |
| Unit Date of Commission | | | | | |
| Total Starts for year | | | | | |
| Total Running Time | | | | | |
| Total Electricity Generated (GWH) | | | | | |
| House Load (GWH) | | | | | |
| KWH per Litre of Process Water | | | | | |
| KWH per Litre of Total Water used or | Site | | | | |

| Complaints and Incidents summary template | | Lic No: | W0283-01 | Year | 2015 | |
|--|--------|--------------------|----------|------|------|--|
| Complaints | | | | | | |
| | | Additional informa | ation | | | |
| Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below | SELECT | | | | | |

| 1 Complaints summary | | | | | | |
|----------------------|---|--|--|---|---|---|
| | | Brief description of | | | | |
| | | complaint (Free txt <20 | Corrective action< 20 | | | Further |
| Category | Other type (please specify) | words) | words | Resolution status | Resolution date | information |
| SELECT | | | | SELECT | | |
| SELECT | | | | SELECT | | |
| SELECT | | | | SELECT | | |
| SELECT | | | | SELECT | | |
| SELECT | | | | SELECT | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Category SELECT SELECT SELECT SELECT SELECT | Category Other type (please specify) SELECT SELECT SELECT SELECT SELECT SELECT | Brief description of complaint (Free txt <20 Category Other type (please specify) SELECT SELECT SELECT SELECT SELECT SELECT SELECT | Brief description of complaint (Free txt <20 Corrective action< 20 words) SELECT SELECT SELECT SELECT SELECT SELECT SELECT SELECT SELECT | Brief description of complaint (Free txt <20 Corrective action< 20 words Resolution status SELECT | Brief description of complaint (Free txt <20 complaint (Free txt <20 words Resolution status Resolution date SELECT |

Incidents

Additional information

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below

*For information on how to report and what constitutes an incident

What is an incident

incidents previous year % reduction/ increase

| Table 2 Incidents sur | mmary | | 1 | | | | | | | | | | | |
|-----------------------|-----------------|------------------------|--------------------------|----------|-------------------|--------------|------------------|---------------|------------|----------------------|--------------|-------------------|------------|---------------|
| | | | Incident | | | Other | Activity in | | | | Preventative | | | |
| | | | category*please refer to | | | cause(please | progress at time | | | Corrective action<20 | action <20 | | Resolution | Likelihood of |
| Date of occurrence | Incident nature | Location of occurrence | guidance | Receptor | Cause of incident | specify) | of incident | Communication | Occurrence | words | words | Resolution status | date | reoccurence |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | SELECT | SELECT | SELECT | | | SELECT | | SELECT |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | SELECT | SELECT | SELECT | | | SELECT | | SELECT |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | SELECT | SELECT | SELECT | | | SELECT | | SELECT |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | SELECT | SELECT | SELECT | | | SELECT | | SELECT |
| | SELECT | SELECT | SELECT | SELECT | SELECT | | SELECT | SELECT | SELECT | | | SELECT | | SELECT |
| Total number of | | | | • | | • | | | | | | | | |
| incidents current | | | | | | | | | | | | | | |
| year | | | | | | | | | | | | | | |
| Total number of | | | | | | | | | | | | | | |

| Please enter an tomore/garanty and providing year ((conses)) and provided year ((conses)) and | ECTION A-PRTR C | 1 | | | | Lic No: | W0283-01 | | Year | 2015 | 5 | | |
|--|---|--|--|--|----------------------------------|---------------------------------------|--|------------------------|--------------------------|----------------------------------|---------------------------|---------------------------|---|
| Additional third members in the sequented recovery of disposal or increasing plant or | | ON SITE WASTE TREATMENT AND | O WASTE TRANSFERS TAE | - TO BE COMPLETED | BY ALL IPPC AND W | ASTE FACILITIES | PRTR facility logo | <u>n</u> | dropdown li | st click to see options | | | |
| Any wastes accepted on the corner apporting year? If yes place give and before your period on the corner apporting year? If yes place give and before your period on the design of the period of minor? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before given the time of the corner apporting year? If yes place give a before give place year. If yes place give a before give place year and the guestion is not defined information. ***STORY CORN.*** **TOTAL CORN.*** **Line years and yea | | | | | | | | | | | | | |
| Any wastes accepted on the content sporting part of the part of the content sporting part of the conten | | | | | | | _ | | | | | | |
| Interest to explained from part little Indian Select I I I I I I I I I I I I I I I I I I I | CTION B- WASTI | E ACCEPTED ONTO SITE-TO BE CO | OMPLETED BY ALL IPPC A | ND WASTE FACILITIE | S | | | Additional Information | on | | | | |
| TION CTO BE COMPLETED BY ALL WASTE FACULTIES (waste transfer stations, Composters, Material recovery facilities etc) Except fundamental and popular or popular and approach by port force and approach by the Agency in place? If no place list waste processing infrastructure required on site of control or pour after for recovery, disposal or rectified and approach of the place of stations and process of the place of the p | ere any wastes accept | ted onto your site for recovery or disposa | I or treatment prior to recovery | or disposal within the bou | indaries of your facility ?; | (waste generated within your | | | | | | | |
| Was waste accepted only your site that was generated oxisis the Republic of Instanct If If you please state the quantity in tornes in additional information If If Code Doctor of waste accepted only your site that was generated oxisis the Republic of Instanct If If you please state the quantity in tornes in additional information The Code Doctor of Instanct Insta | | | | | | | SELECT | | | | | | |
| Was acted accepted onto your site that was generated anotide the Repullic of Indiance of Experiments of the Land Contract of C | • | | | | | | | |] | | | | |
| bile 1 Details of waste accepted ont your site for recovery, disposal or treatment (do not include waste spendant of your location and provided present of your location of your set of your growth of your location and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site storage infrastructure required on site storage infrastructure required on site storage infrastructure as the possible of the part of the storage infrastructure required on site storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on sit | your site have any r | ejected consignments of waste in the cur | rent reporting year? If yes pleas | e give a brief explanation i | in the additional informat | tion | SELECT | | | | | | |
| Licensed annual PLYC code Source of waste accepted of present annual processing information accepted on the product prepared in acceptance of the pre | | | | | | | | | | | | | |
| personal point of your point (annual) point (annual) point (annual) provided (annual) point (ann | | | | | | | | | | | Quantity of | Comments - | |
| Sumpean Waste Catalogue PMC codes Sumpean Waste Catalogue PMC code Su | nnage limit for your | EWC code | Source of waste accepted | accepted | accepted in current | | Increase over | reduction/ increase | only applies if the | treatment operation carried | waste | commencs | |
| Guescean Waste Caldingue RMC codes Guescean Waste Caldingue RMC c | site (total tonnes/annum) | | | | reporting year (tonnes) | | | | | | | | |
| Carbonal TVC codes Carbon | , | | | description - which | | | | , | | | of reporting | | |
| European Waite Calabone FVC codes Calabone FV | | | | | | | | | | | year (tonnes) | | |
| TION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required on site waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required on site waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required on site waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste | | European Waste Catalogue EWC codes | | European Waste | | | | | | | | | |
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| SELECT SE | all waste processing i | | | | - | | | | | | | | |
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| Area ID Date landfilling commenced Date landfilling ceased Currently landfilling Currently landfilling Departed Currently landfilling Comments Comme | all waste storage infra es your facility have r you have an odour n you maintain a sludg | nfrastructure as required by your licence astructure as required by your licence and relevant nuisance controls in place? nanagement system in place for your facil ge register on site? | and approved by the Agency in d approved by the Agency in plat lity? If no why? | place? If no please list was | te processing infrastruct | ure required onsite | SELECT SELECT SELECT SELECT | | | | | | |
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| WASTE SUMMARY | Lic No: | W0283-01 | Year | 2015 |
|---|---------|----------|------|------|
| Table 4 Environmental monitoring landfill only Landfill Manual Manitoring Standards | | | * | |

| Table 4 Environme | ntal monitoring-landfill only | Landfill Manual-Monitoring Sta | ndards . | | | | | |
|-------------------------|--------------------------------------|--------------------------------|----------------------------|------------------------|--|----------------|--------------------|----------|
| Was meterological | | | | | | | T | |
| monitoring in | | | | | | | Has the statement | |
| compliance with | | | | | | Was topography | under S53(A)(5) of | |
| Landfill Directive (LD) | | Was Landfill Gas monitored in | Was SW monitored in | | | of the site | WMA been | |
| standard in reporting | Was leachate monitored in compliance | compliance with LD standard in | compliance with LD | Have GW trigger levels | Were emission limit values agreed with | surveyed in | submitted in | |
| year + | with LD standard in reporting year | reporting year | standard in reporting year | been established | the Agency (ELVs) | reporting year | reporting year | Comments |
| | | | | | | | | |

⁺ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

| . anic a capping i | | | | | | |
|--------------------|-------------------------|---------------------------|-------------------|-----------------------|------------------------------------|----------|
| | | | | | | |
| | | | | Area with waste that | | 1 |
| Area uncapped* | Area with temporary cap | | | should be permanently | | l |
| SELECT UNIT | SELECT UNIT | Area with final cap to LD | | capped to date under | | |
| SELECT CHT | SELECT CHT | Standard m2 ha, a | Area capped other | licence | What materials are used in the cap | Comments |
| | | | | | | |

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9 Is leachate from your site treated in a Waste Water Treatment Plant?

10 Is leachate released to surface water? If yes please complete leachate mass load information below

| L | E | СТ |
|---|---|----|
| L | E | СТ |

| Volume of leachate in reporting year(m3) | | | | | Specify type of leachate treatment | Comments |
|---|--|--|--|--|---------------------------------------|----------|
| | | | | | | |

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

| rubic 7 Landini Gas Landini Giny | | | | | | | |
|----------------------------------|----------------------------|----------------------------------|-----------------------|----------|--|--|--|
| | | | | | | | |
| | | | Was surface emissions | | | | |
| | | | monitoring performed | | | | |
| Gas Captured&Treated | | | during the reporting | | | | |
| by LFG System m3 | Power generated (MW / KWh) | Used on-site or to national grid | year? | Comments | | | |
| | | | SELECT | | | | |
| | | | | | | | |

Comments on liner type

| | | 4 |
|--|--|---|
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