

Licence Alteration Request

| Alteration Details | |
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| Licence | W0004-04 Arthurstown Landfill |
| Licensee | South Dublin County Council |
| Title of Alteration | Technical Amendment Request |

Screening Report

| No. | Question | Answer |
|-----|--|--------|
| 1 | Does the proposed alteration require a new class of activity or process? | No |
| 2 | Does the proposed alteration cause a new / additional main emission point? | No |
| 3 | Does the proposed alteration increase the total specified emissions for any emission parameter? significantly ? | Yes |
| 4 | Does the proposed alteration increase significantly the overall total emission from the installation/facility? | No |
| 5 | Does the proposed alteration involve development or proposed development that has already been granted planning permission or requires a grant of planning permission and was/is subject to EIA by the Planning Authority or An Bord Pleanála? | No |
| 6 | Did the proposed alteration require the preparation of a Natura Impact Statement (NIS) for consideration by any Planning or Public Authority? | No |
| 7 | Does the proposed alteration indicate that the EPA should conduct an Appropriate Assessment (on foot of a screening for Appropriate Assessment)? | No |
| 8 | Does the proposed change conflict with BAT as set out in the relevant BAT Conclusions? See here | No |
| 9 | Does the proposed alteration adversely affect the energy efficiency of the installation/facility? | No |
| 10 | Does the proposed alteration adversely affect the environmental risk of the installation/facility significantly ? | No |

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| 11 | Does the proposed alteration cause an increase above the capacity limitations specified in the licence? | No |
| 12 | Does the proposed alteration require an extension of operating hours (where controlled by the licence) for an installation/facility where the public is likely to have an interest in such an extension? | No |
| 13 | Does the proposed alteration involve the incineration or co-incineration of waste materials displaying hazardous properties that were not previously authorised (as per the WID/IED)? | No |
| 14 | Does the proposed alteration introduce materials or techniques which adversely alter the probability, magnitude and duration or complexity of the site transboundary impact? | No |
| 15 | Does the proposed alteration constitute a substantial change? | No |
| 16 | Does the proposed alteration regularise an on-going breach of a licence condition? | Yes |
| 17 | Does the proposed alteration require a change to a condition or schedule of the Licence? | Yes |

Recommendation

Based on your responses to the forgoing questions the recommended option is for you to submit a 'Licence Review' application for this proposed alteration.

To progress this request you are required to go to the EPA website (www.epa.ie), complete the relevant Licence Application Form and follow the licensing application process. The application should be submitted to the EPA as specified in the licence application form or any associated instructions for applicants.

Recommendation Date: 12/04/2023

Clerical or Technical Amendment Application Details

Proposed Alteration Description

SDCC is seeking changes to the Emission Limit Values (ELVs) for treated leachate discharge from Arthurstown Landfill to the foul sewer.

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| Priority | 1. Routine |
| Category of Amendment | (c) Otherwise facilitating the operation of the licence (or certificate) and the making of the amendment does not result in the relevant requirements of section 83(5) of the EPA Act as amended/ section 42B(1) of the Waste Management Act as amended/environmental requirements ceasing to be satisfied |

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Licence Condition Changes

| Condition / Schedule Reference | Current Condition / Schedule Wording | Suggested New Wording |
|--------------------------------|--|--|
| Condition C.6 | ammonia (mg/l) 5; BOD (mg/l) 200; COD (mg/l) 750; SS (mg/l) 250; TOC (mg/l) 300; Cl (mg/l) 2250; N (mg/l) 1000; P (mg/l) 20; Flow (m3/day) 200 | ammonia (mg/l) 20; BOD (mg/l) 400; COD (mg/l) 2000; SS (mg/l) 250; TOC (mg/l) 600; Cl (mg/l) 2250; N (mg/l) 2000; P (mg/l) 40; Flow (m3/day) 200 |

Questions

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| Q1 | Is planning permission required to support the proposed alteration? | No |
| Q2 | Does the application involve an installation boundary change? | No |
| Q3 | Does the application involve changes to emissions to sewer? | Yes |
| If 'Yes', please attach Irish Water agreement for changes to emissions to sewer here | | LOF to Arthurstown landfill_W0004_04 2022_10_07.pdf |
| If 'Yes' for an Industrial Emissions Licenced activity, please provide evidence that an equivalent level of protection for the environment as a whole is guaranteed (section 86A (8)) | | |
| Based on the Irish Water's letter consenting to the increase in emission limit values (ELVs), it is confirmed that the Osberstown Waste Water Treatment Plant has sufficient treatment capacity to manage the increase without causing any negative impacts on the environment. Therefore, it can be concluded that the increase in ELVs to the sewer will not have any adverse effects, and an equivalent level of protection for the environment will be guaranteed. | | |
| Q4 | Attach Appropriate Assessment Screening Report here | P21-238 Technical Ammendment Arthurstown AA Report.pdf |

Additional Documentation

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|------------------------------|
| P21-238 Arthurstown TA.pdf |
| P21-238 Arthurstown TA_1.pdf |
| ScreeningReport.pdf |

Final Declaration

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| Name | John Smith |
| Position | Landfill manager |

Application Details

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|----------------------|------------|------------------------|------------|
| Selected by: | John Smith | Selected date: | 12/04/2023 |
| Submitted by: | John Smith | Submitted date: | 12/04/2023 |