



ATTACHMENT E2
EMISSIONS TO SURFACE WATER

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The proposed remediation scheme makes no provision for on-site treatment of leachate. All leachate produced at the engineered landfill or potentially contaminated surface water arising over paved areas will be collected and transferred off-site to a local wastewater treatment plant. There will be no discharge of leachate or potentially contaminated surface water run-off to existing surface watercourses.

During the remediation works measures will be implemented to minimise the amount of surface water run-off coming into contact with buried waste and potentially contaminated soil.

Temporary diversionary drains will be constructed around open excavations at the unauthorised landfill sites to prevent surface water run-off from surrounding ground (including perimeter screening berms) spilling into the excavations.

Surface water falling over open excavations at the unauthorised landfill sites will be directed into the excavations and will collect in temporary sumps. Any water abstracted from these sumps during the site remediation works will be classified as leachate and taken off site for treatment at a local waste water treatment facility.

The engineered landfill, including leachate drainage and collection systems, will be constructed prior to the removal, transfer and placement of non-hazardous waste at the engineered landfill, thereby providing significant storage for precipitation collected by the drainage system during the landfilling operation. This surface water run-off will be classified as leachate and taken off-site to a local wastewater treatment facility.

The only emissions to surface water envisaged by the proposed remediation scheme is that which is collected around the proposed engineered landfill and channelled via a primary attenuation pond and soakaway to the existing pond at the centre of Roadstone Dublin's landholding. Details of the proposed surface water management system at the engineered landfill are provided in Appendix 2E of the Environmental Impact Statement.

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