



Title of Report:	Remedial Works and Repairs at Craighulliar Landfill Site
Committee Report Submitted To:	Environmental Services Committee
Date of Meeting:	12th September 2023
For Decision or For Information	For Decision
To be discussed In Committee YES/NO	No

Linkage to Council Strategy (2021-25)	
Strategic Theme	Improvement and Innovation
Outcome	
Lead Officer	Head of Operations

Budgetary Considerations	
Cost of Proposal	c.£112,000
Included in Current Year Estimates	No
Capital/Revenue	Capital
Code	2312 62000
Staffing Costs	N/A

Legal Considerations	
Input of Legal Services Required	NO
Legal Opinion Obtained	NO

Screening Requirements	Required for new or revised Policies, Plans, Strategies or Service Delivery Proposals.		
Section 75 Screening	Screening Completed:	Yes/No	Date:
	EQIA Required and Completed:	Yes/No	Date:
Rural Needs Assessment (RNA)	Screening Completed	Yes/No	Date:
	RNA Required and Completed:	Yes/No	Date:
Data Protection Impact Assessment (DPIA)	Screening Completed:	Yes/No	Date:
	DPIA Required and Completed:	Yes/No	Date:

1.0 Purpose of Report

- 1.1 The purpose of this report is to seek approval from members to carry out essential remedial works and repairs at Craigahulliar landfill site.

2.0 Background (to include any previous decisions of Council)

- 2.1 Craigahulliar Landfill Site occupies a quarry, which operated until 1989, and is located on Ballymacrea Road, approximately 2.75km to southeast of Portrush, Co. Antrim.

The site operates as a non-hazardous landfill and is permitted to accept up to 90,000 tonnes of waste per year. The site covers an area of approximately 176,000 square metres.

- 2.2 The site operates under a PPC Permit and is inspected by the Northern Ireland Environmental Agency (NIEA) to ensure compliance with applicable statutory obligations and requirements.
- 2.3 Council submits an annual Craigahulliar Landfill Environment Report to the NIEA.

3.0 Proposal

- 3.1 Following an external review of current site operations, a number of works have been identified to bring the site within the terms of its NIEA Permit. Works identified are also to ensure that the appropriate site health and safety requirements are adhered to and enhanced where necessary.
- 3.2 Works identified as needing completed can be found in appendix 1.

4.0 Options (if appropriate)

- 4.1 Do nothing. If repair works identified are not expedited the site will not comply with NIEA Permit. As a consequence, the site may be temporarily closed until the appropriate remedial actions are taken.
- 4.2 Carry out remedial works and repairs as identified to ensure continued compliance with NIEA Permit, maintain appropriate health and safety standards and avoid disruption to day-to-day operations at site.

5.0 Recommendation(s)

It is recommended that the Environmental Services Committee recommends to Council that essential remedial works and repairs identified following an external review are carried out so as to ensure the site continues to meet its statutory obligations and health and safety is not compromised.



CRAIGAHULLIAR LANDFILL SITE

Bring the site within Terms of NIEA Permit.

Action H&S Points compiled by Taggarts Risk Matrix.

WORK REQUIRED	SUPPLIER/CONTRACTOR	ESTIMATED COST	DATE COMPLETED
<p>Weighbridge</p> <p>Upgrade of the software to the newer Weighman 8 version dated 16.05.2023.</p> <p>New printer for the weighbridge operator to print dockets.</p> <p>Council IT to provide two new computers to support Weighman 8.</p>		£5,700	
<p>Bring Wheel wash back into service.</p> <p>Move wheel wash wall closest to kerbside to enable easier access for HGV Vehicles.</p> <p>New floor.</p>		£7,530	

<p>New Pipes and jets.</p> <p>Widening of entrance/exit.</p> <p>Widen pipe for secondary drainage.</p> <p>Clear sump debris.</p> <p>Create stone trap.</p> <p>Remote start/stop sensor.</p>			
<p>Perimeter boundary netting damaged beyond repair.</p> <p>Renetting of several areas along the perimeter boundary is required to ensure that unauthorised access is prevented.</p> <p>330m x 5m high black</p>		<p>£5,445</p>	
<p>pH System for dissolved oxygen not working.</p>		<p>£8,150</p>	
<p>Surface Water Lagoon Security</p> <p>It is proposed that a 2.4m-high paladin fence is to be installed around the perimeter of the surface water lagoon. This measure would minimise the potential for unauthorised access and relief any concerns surrounding the H&S risks associated with this area of the site. The site neighbours a caravan site, so reducing the risk to those which are unfamiliar with the area and dangers nearby should be given a high priority.</p>		<p>£20,000</p>	

<p>Outdoor Staircase to Lagoon</p> <p>It is recommended that a galvanised steel staircase is to be installed to provide safe access to the surface water monitoring point and BH7 at the bottom of the lagoon.</p>		£15,000	
<p>Automated barriers Main entrance</p> <p>It is recommended that a galvanised steel staircase is to be installed to provide safe access to the surface water monitoring point and BH7 at the bottom of the lagoon.</p>		£5,945	
<p>Replace IBSR TANK Capacity 13.0m3 (Gross)</p>		£43,800	
<p>TOTAL (est.)</p>		£111,570	