

Environmental Protection Agency
11 JUN 2014

The Environmental Protection Agency
12 JUN 2014
incork
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associates

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TRANSMITTAL SHEET

DATE: 10/06/2014

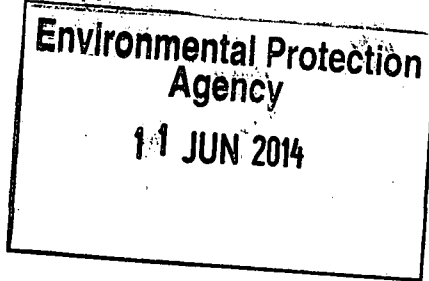
SIGNED: 

TRANSMITTED TO: Licensing Unit
Office of Climate, Licensing & Resource Use
Environmental Protection Agency, Headquarters
PO BOX 3000, Johnstown Castle Estate
Co. Wexford

REFERENCE: ~~W0251-01~~ W0266-01 Mallow Contracts Ltd

| ITEM | QUANTITY |
|--|----------|
| 2 hardcopies & 2 cds | |
| Amendment to Mallow Contracts EIS submission | |
| Pg. 32 of EIS | 2 |
| Pg. 2 of Impact Summary Chart | 2 |

COMMENTS:



were both overlain with geotextile Terram to keep placed soil out of the channel and to allow drainage into the channel.

Immediately outside the raised area, a grit interceptor was located both north and south of the landfill. This removed grit particles entering the channel during construction of the landfill. This is serviced regularly to ensure effectiveness. When the land is raised and grassed there is no further requirement for the interceptor. That is the current position with the northern interceptor as this area is now completed.

The southern interceptor discharged to the vegetated slow moving drainage ditch outside the land filled area which ran southwards to an open channel by the railway. The vegetated drainage ditch is now stoned and soiled over by the landowner. The southern portion of the landfill is stanked. Surface run-off seeps through the ground to the stone filled drainage ditch.

There is no runoff change from the development. There has been no noticeable change in the spring water quantity flowing to the rivers from the area raised.

Well and drain analyses was recently carried out both north and south of the landfill. Results and sampling locations are attached. The well water quality does not show any impact. The northern drain similarly indicates no impact. The southern 'drain' is very low flowing but does indicate slight impact. The reason for this is the elimination of the interceptor while the work in the southern area continues. The interceptor should be installed to reduce solids to normal run-off for agricultural land.

Residual Impacts

Noticeable solids in southern run-off at present. Same to be eliminated by interceptor.

Attachments:

- Impact on Peastinagh and Martin River Catchments
- Overall Channel Drainage
- Sundry Details
- Monitoring Points
- Well and Drain Analysis & Sample Locations Map

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| Topic | DESCRIPTION | | | | EVALUATION | | |
|--------------------|-------------------------------------|-----------|--------------------------|------------|--------------------------------|---------------|-----------|
| | Impact | Character | Magnitude | Duration | Consequence | Significance | Certainty |
| Soils | More Agricultural Land | Positive | Local | Long Term | Increased Agricultural Output | Imperceptible | High |
| Water | Noticeable solids in southern drain | Negative | Upper reach of R. Martin | Short Term | River Water Quality | Slight | High |
| Air | Plant noise | Negative | Local | Short Term | Local Annoyance | Slight | High |
| | Rising Dust | Negative | Local | Short Term | Air Quality Impacted | Imperceptible | Medium |
| Climate | Exhaust Fumes | Negative | Local | Short Term | Air quality impacted | Imperceptible | High |
| | Animal 'belch gas' | Negative | Local | Long Term | Air Quality Impacted | Imperceptible | High |
| | Stagnant Gasses | Neutral | Local | Long Term | Change in Local Smell | Imperceptible | High |
| Landscape | More Greenfield | Positive | Local | Long term | Improved appearance | Moderate | High |
| Landscape | Access Roadway | Neutral | Local | Long Term | Road in Field | Slight | High |
| Material Assets | Wetland Soil Replaced by Grass | Positive | Local | Long Term | Land Available for Agriculture | Slight | High |
| Inter relationship | Prolonged Activity on-site | Negative | Local | Short Term | Prolonged Construction Impact | Moderate | High |

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CORK
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