

W168 EPA
IPC ENFORCEMENT
Main File
Public File
Evaluation File
Date 18.4.11
18.4.11

Approval
Dara
2012



Ceased Licence Memo

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| DATE: | 04/04/2012 |
| TO: | Dara Lynott, OEE Director |
| FROM: | Deirdre French, OEE |
| SUBJECT: | Propose to Cease Licence Waste Licence Reg. No W0168-01 |

1. RECOMMENDATION

As the carrying on of the activity to which Waste Licence Reg. No. W0168-01 relates has not been substantially commenced within a period of 3 years beginning on the date on which the licence was granted or within the four one year extensions granted by OCLR under Section 42(2)(b) of the Waste Management Act 1996, as amended, I recommend the following:

1. That the OEE issue a letter of notification to the Licensee under Section 49(1) of the Waste Management Act 1996, as amended stating that the licence has ceased to have effect from 08/06/2011 and the activity cannot now commence under this licence.
2. That the OEE notifies Kildare County Council of the above.
3. That the OEE make the relevant amendments to the OEE database and notifies the other internal offices including OCLR and Accounts to reflect the change in the licence's status to Ceased.

2. SUMMARY

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| Name of Licensee | Greenstar Holdings Limited |
| Registration Number | W0168-01 |
| Facility Address | Usk Residual Landfill, Usk, Kilcullen, Co. Kildare. |
| Class of Activity | Third Schedule of the Waste Management Acts 1996, as amended - Classes 1, 4, 5, 13 Fourth Schedule of the Waste Management Acts 1996, as amended – Classes 4, 9, 11, 13 |
| Dated Licence Issued | 08/06/2004 |
| Date Licence Ceased | 08/06/2011 |

3. FACILITY LOCATION

The facility is located in County Kildare, 3 km to the northwest of Dunlavin and 7 km south of Kilcullen.



According to the Inspectors Report completed during the licensing stage there are 31 residential properties within 500m of the facility (refer to Figure B2b in Appendix 1). There are 67 people living within 250 metres of the facility boundary. The nearest residence lies within 20m of the north-eastern facility boundary adjacent to Phase III. There is a grouping of 11 houses and a shop approximately 50m northwest of the facility boundary and two houses approximately 80m east of the facility boundary. The facility is bounded by agricultural land (mostly pasture though some tillage occurs) and two county roads.

4. FACILITY HISTORY

The facility is an old sand and gravel quarry. The licence was granted for the proposes to develop an engineered landfill for the disposal of non-hazardous commercial, industrial and residual household waste. The overall site area is 19.3 hectares while the footprint of the proposed landfill was approximately 12.5 hectares.

The infrastructure proposed by the licensee for the facility included the following: six lined phases which were to be subdivided into cells of approximately 2,500m², leachate collection/recirculation/storage system, landfill gas collection, landfill gas flaring and subsequent utilisation, monitoring infrastructure, office, garage, waste quarantine and inspection areas, two weighbridges, hardstanding, surface water controls including two retention/ecology ponds, sewage treatment system, bunded fuel storage, landscaping and site security.

The licence provides for annual waste acceptance of 200,000 tonnes of non-putrescible, non-hazardous, non-liquid waste. The Inspectors Report stated that this waste would be accepted over a 10 year period based on a waste density of 0.8 tonnes/m³.

5. CONDITION OF SITE

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| Known contamination: |
| This development was proposed to be situated in an excavated sand and gravel quarry. The Inspectors report states that groundwater quality beneath the existing quarry is good, although concentrations of ammonium slightly exceeded the drinking water standard in some samples. |
| Remediation: |
| N/A |
| Other Environmental Liabilities: |
| N/A |

6. AGENCY'S ASSESSMENT

Agency correspondence was issued to Greenstar Holdings Limited on 10/08/2011 requesting them to confirm that waste activities as listed in Part I *Activities Licensed* of the licence have not commenced at the Usk Residual Landfill site and to provide details of what infrastructure (if any) is in place at the site (e.g groundwater wells). Greenstar Holdings Limited failed to respond in writing to this correspondence, however, it was determined from a number of phone calls with company representatives that the activities had not commenced and it was decided to carry out a site inspection at the facility to confirm the same.

Agency Site Inspection completed 16/11/2011

A site inspection was conducted at the Usk Residual Landfill site on 16/11/2011 to verify that activities had not commenced on site. During the site inspection 3 groundwater boreholes were observed. In the site inspection report (doc. ref: W0168-01/sm01df) Greenstar Holdings Limited was advised to confirm to the Agency details of all the groundwater boreholes still in place at the site and to decommission all groundwater boreholes in accordance with the UK Environment Agency guidelines "*Decommissioning Redundant Boreholes and Wells*".

Furthermore, it was noted that there was a number of bags of litter and a mattress at the entrance to the site. Greenstar Holdings Limited were requested to arrange for the appropriate removal and disposal of the litter.

Borehold Decommissioning Report dated 23/03/2012

A report on the status of the groundwater boreholes at the Usk Residual Landfill site dated 23/03/2012 was received by the Agency on 28/03/2012. In the report jointly completed by G. F. Parker & Associates Ltd and Causeway Geotech on behalf of Greenstar Holdings Limited, the consultants states that there was a total of 20 monitoring wells on site at the Usk Residual Landfill site.

The report states that 14 wells were decommissioned in accordance with the UK Environment Agency guidelines "*Decommissioning Redundant Boreholes and Wells*". The remaining 6 wells could not be located at the site.

Furthermore, the consultants confirmed that the rubbish at the main entrance gate was removed and the site owners have since installed palisade security gates and fencing.

The Agency recommends that on issuing the final letter to Greenstar Holdings Limited they are advised to cordon off the areas at which these wells were located. The Agency recommends that Kildare County Council is made aware of the status of these wells and the Agency recommendations made to Greenstar Holdings Limited.

7. **FINANCIAL CHARGES & ACCOUNTS**

Liaison with Financial Charges OEE Contact and Accounts has confirmed that any outstanding financial charges have been paid and there is no outstanding balance due from the licensee.

Signed: Deirdre French

Dated: 04/04/2012

Deirdre French