

# Community Update - Number 10

09 May 2012: Wednesday 8th of February saw the completion of Phase I of the Site Investigation Programme at Kerdiffstown Landfill, with the successful completion of 24 boreholes across the site. The boreholes were drilled to determine more accurately the types of waste buried at the site, where they are and how thick the waste deposits are.

The findings of Phase I of the site investigation are that the volume of waste present at the site is estimated to be in the order of 2.3 Million tonnes. No hazardous waste was encountered in any of the 24 boreholes drilled. The waste is also much drier than previously thought. The fact that the waste is drier means that while there is the clear potential for the plume of leachate (water contaminated by dissolved wastes) beneath the site to impact on local surface water and groundwater in the future, there is still time to take action to minimise damage to the environment.

A preliminary hydrogeological site assessment report for the site has also been completed. This indicates that while there is on-site impact from the waste, to date the effects offsite are limited. Further hydrogeological investigation will be required to gather further data and ensure that any issues are addressed before an impact might occur. The tender for Phase II of the site investigation is due to be advertised in the coming days and this further work, scheduled for June and July, will address these data requirements and allow the Project Team to proceed with determining the best solution for the site.

Engineering works to interconnect the two landfill gas/odour control flares on-site are now complete. This means that the odour control system has a backup mechanism that will allow for odours to be minimised from the site if one of the flares breaks down or requires servicing. There have been some recent indications from residents that odours have been detected during recent North-easterly wind conditions and this highlights the fact that, while good progress has been made to date in controlling odours, the temporary solutions in place will not be able to control odour all the time.

The permanent solution for the site will address such odour issues. The Project Team appreciates feedback from the local community about odour issues as this allows us to determine the prevailing conditions under which people are affected and will assist us in planning future works during the remediation. The Project Team met with the Community Liaison Group on 9th of May at the site. The issue of odour control was discussed and the Project Team will continue to engage with the local community on this and other issues as the remediation project progresses.

In planning for the immediate and long-term needs for permanent site remediation the Project Team have, over the last few weeks, progressed the procurement of services, including environmental and engineering consultancy services, leachate haulage, small engineering works, security services and landscaping. Many services providers and contractors will be required to assist in the remediation of the site and its long-term aftercare. Details of all services required by the EPA can be found on [www.etenders.gov.ie](http://www.etenders.gov.ie).

The EPA will continue to issue community updates as remedial works on the site take place. For information about works at the site, go to [www.kerdiffstowncleanup.ie](http://www.kerdiffstowncleanup.ie).

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