

Attachment A.1

NON – TECHNICAL SUMMARY

The former Knocknacarriga landfill site is located in the townland of Knocknacarriga, 1 km east of the town of Cappamore, Co. Limerick. The site is accessed from the R505 regional road.

Limerick County Council operated a landfill site at Knocknacarrige from 1986 to 1988. The waste body at Knocknacarrige site is located on privately owned lands within a small disused limestone quarry located on the northern side slopes of Knocknacarriga Hill.

The GSI geological map indicates that the site is underlain by the Ballysteen Formation which is described as fossiliferous dark-grey muddy limestone. These muddy limestones are not generally liable to karstification. No karst features were detected during the geophysical survey of the site.

Lower River Shannon SAC – Site Code 002165 is located Approx.. 630 m North and 1.48km West of the site. River Suir SAC is located 13 km East of the site. Slieve Felin SPA is 3.5 km North of the site.

GSI maps indicate that the site overlies a locally important aquifer. GSI maps also show groundwater vulnerability to be extreme.

Knocknacarrige landfill is classified as a **Low Risk Site** as defined by the Code of Practice.

The revised CSM and revised risk assessment confirm that the historic landfill site at Knocknacarrige poses a low risk to the environment and to human health.

Remedial Measures proposed for the site are as follows;

Remove existing topsoil

Install Geogrid to prevent upward migration of waste

Place 350 mm of subsoil

Place 300 mm of topsoil across the site and reseed grass

The timescale for completion of remedial works is Quarter 3 2020.