Welsh Government

M4 Corridor around Newport

Environmental Statement Volume 3: Appendix 11.4

UXO Risk Mitigation Map

M4CaN-DJV-EGT-ZG_GEN-AX-EN-0002

At Issue | March 2016
Recommended Risk Mitigation Measures

All Risk Zones - Prior to All Works

Explosive Ordnance Safety and Awareness Briefings to all personnel conducting intrusive works.

The Provision of Unexploded Ordnance Site Safety Instructions.

Low-Medium, Medium and Medium-High Risk Zone only – Shallow Intrusive Works

Non-Intrusive Magnetometer Survey and target investigation ahead of any intrusive works – where appropriate.

Explosive Ordnance Disposal (EOD) Engineer Presence on site to supervise all open excavations.

Low-Medium, Medium and Medium-High Risk Zone only – Deep Intrusive Works (on-land)

Intrusive Magnetometer Survey of any pile/borehole locations and Target Investigation, if necessary. Investigation of Suspect Anomalies, if required.

Medium-High Risk Zone only – Deep Intrusive Works (River Usk / dock basin – if required)

Jack up Barge Intrusive Magnetometer Survey of any pile/borehole locations and Target Investigation, if necessary. Investigation of Suspect Anomalies, if required.

Medium-High Risk Zone

1.5km radius centred on the docks and 500m radii centred on the bombing decoy sites

Medium Risk Zone

1.5km radii centred on the bombing decoy sites

Low-Medium Risk Zone

300m radii centred on the Heavy Anti-Aircraft Battery and the pillbox

Low Risk Zone

The remainder of the site, occupied by historically unused, undeveloped agricultural land

Route Corridor

Note that the Low-Medium Risk Zone is centred around the Pyr Corner HAA Battery facility as a whole (1945 aerial photograph), not just the gun emplacements, as depicted by the ‘H’ symbol above.