

CASE STUDY

UXO CLEARANCE



ROLLING OUT THE LANKELMA FLEET IN EAST LONDON

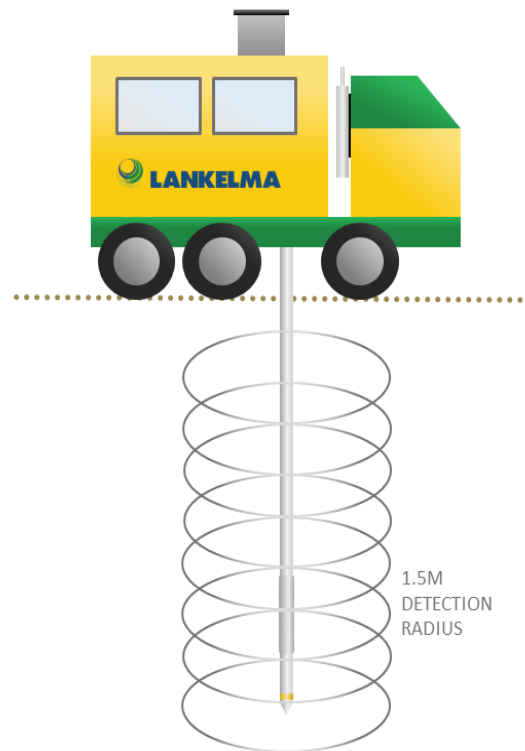
Lankelma has deployed several rigs from our versatile fleet over the past few years to provide continual Unexploded Ordnance (UXO) clearance in a range of environments ahead of piling for the new Beckton Outfall Culvert at Beckton and Abbey Mills Waste Water Treatment Works in East London.

Plant used included wheeled and tracked rigs for working on piling platforms and near to the River Lea, Lankelma's excavator mounted rig for limited access areas and a skid mounted rig that worked from spud legged pontoons in the River Thames at Beckton.

Since work began in 2013, Lankelma has carried out over 1000 nr. CPT pushes with our magnetometer probe to provide a UXO survey and clearance certification services.

PROJECT SPECIFICATION

LOCATION	Beckton Outfall Culvert
CLIENT	MVB-JV
DATE OF WORKS	Intermittent between 2013 and 2015
TESTING UNDERTAKEN	Magnetometer Probing CPT
RIG	UK16, UK14, UK17, UK15



The magnetometer probe works to detect any ferrous objects in the ground by observing real-time the amplitude of the earth's magnetic field to a detection radius of 1.5m. Detection of any potential anomalies is shown as a deviation in the readings at a specified depth which can be triangulated to identify the location and depth of the anomaly.