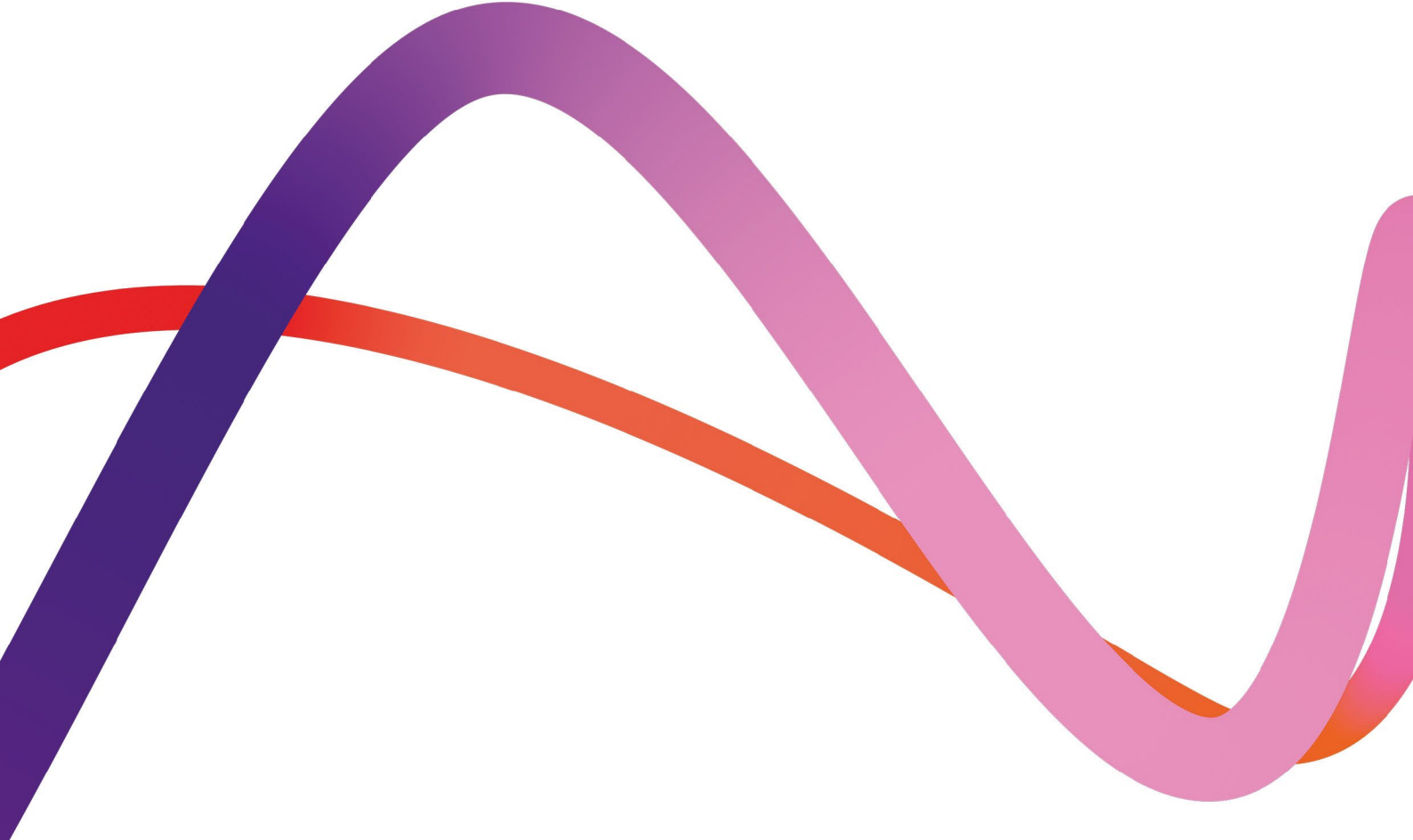


Medworth Energy from Waste Combined Heat and Power Facility



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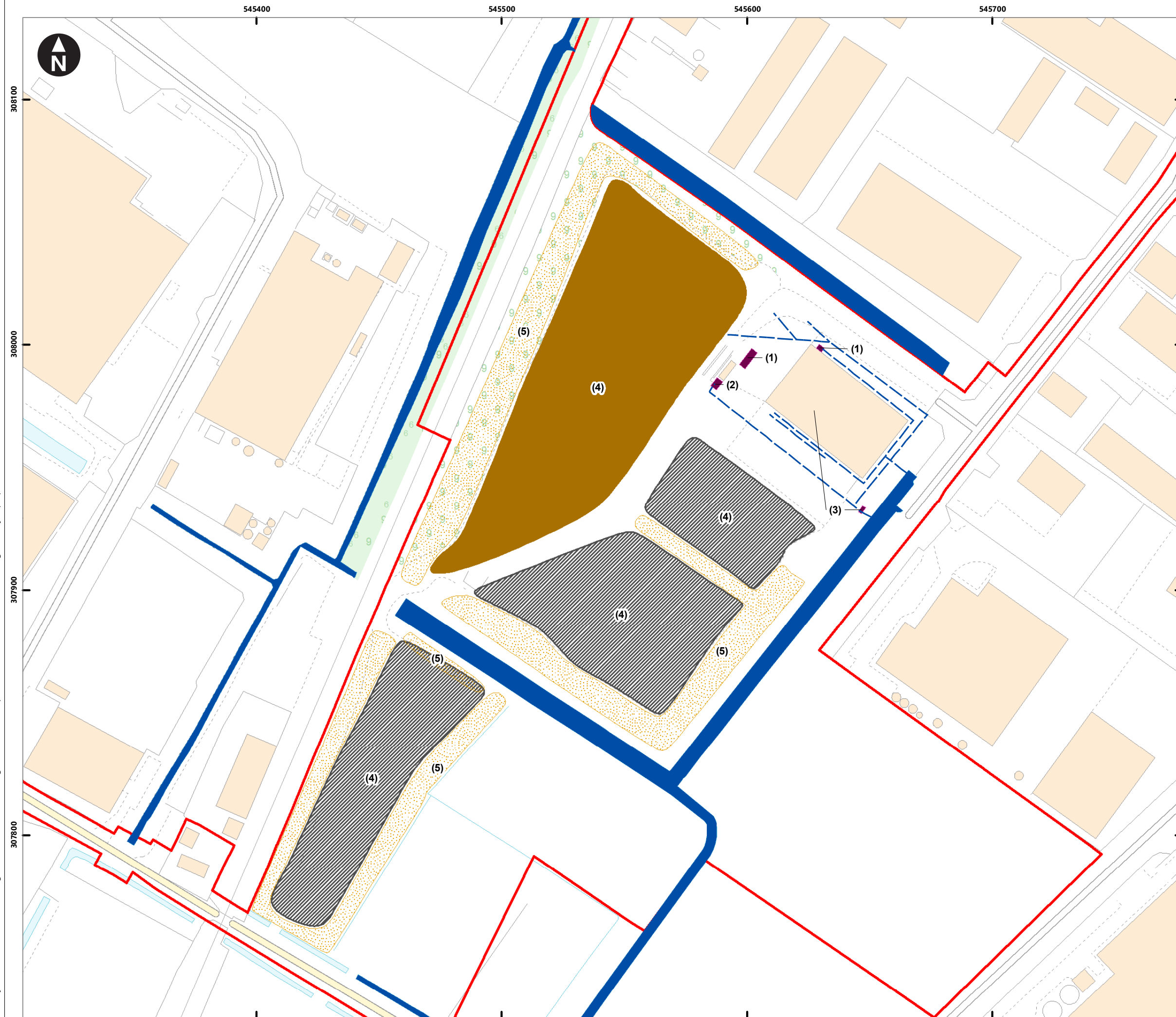


Environmental Statement Chapter 13 Geology, Hydrogeology and Contaminated Land Figures

Regulation reference: The Infrastructure
Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009
Regulation 5(2)(a)

**We inspire
with energy.**

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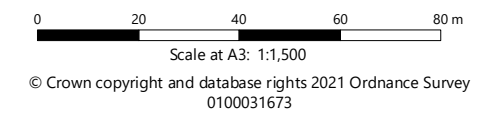


- Key**
- Order limits
 - Onsite drainage system
 - Earth bund
 - Indicative inert waste materials storage area
 - Natural aggregate storage area
 - Storage tanks, fuel, septic, leachate and hazardous substances
 - Drainage channel

- Sources:**
- (1) Fuel tanks; diesel and AdBlue
 - (2) Septic tank
 - (3) Household waste storage, including batteries and gas cylinders
 - (4) Current site activities – vehicle movements and material stockpiles (potential for localised contamination in all site areas)
 - (5) Potential made ground (all site areas), including earth bunds
 - (6) Natural peat deposits (not shown on figure)

Notes:

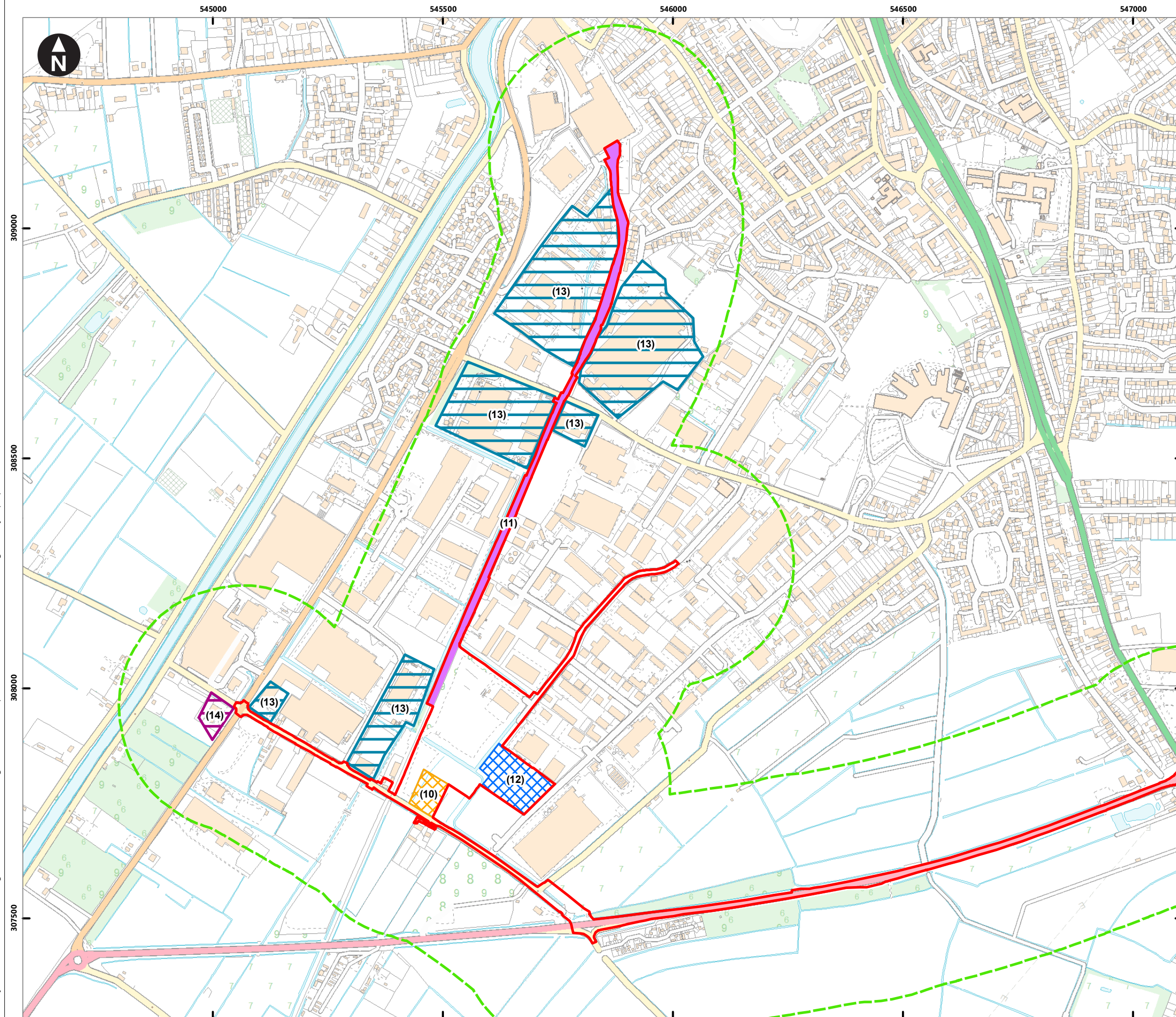
Source numbers correspond to the Wisbech Phases 1 and 2 Geoenvironmental Desk Study and Interpretative Report.



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Figure 13.1i
Potential land contamination constraints within the Study Area
EfW CHP Facility Site

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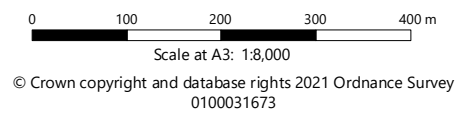


- Key**
- Order limits
 - 250m Study Area
 - Unknown storage/other activity within hedged area
 - Disused railway line, railway sidings and goods shed
 - Infilled land drains
 - Offsite: various historical and current works
 - Offsite: former filling station

- Sources:**
- Temporary Construction Compound**
 (10) Unknown storage/other activity within hedged area
- CHP Connection and Access Improvements**
 (11) Disused railway line, and former sidings and good shed (on and offsite)
 (12) Made ground (infilled drainage channels)
 (13) Offsite: various historical and current works
 (14) Offsite: former petrol filling station

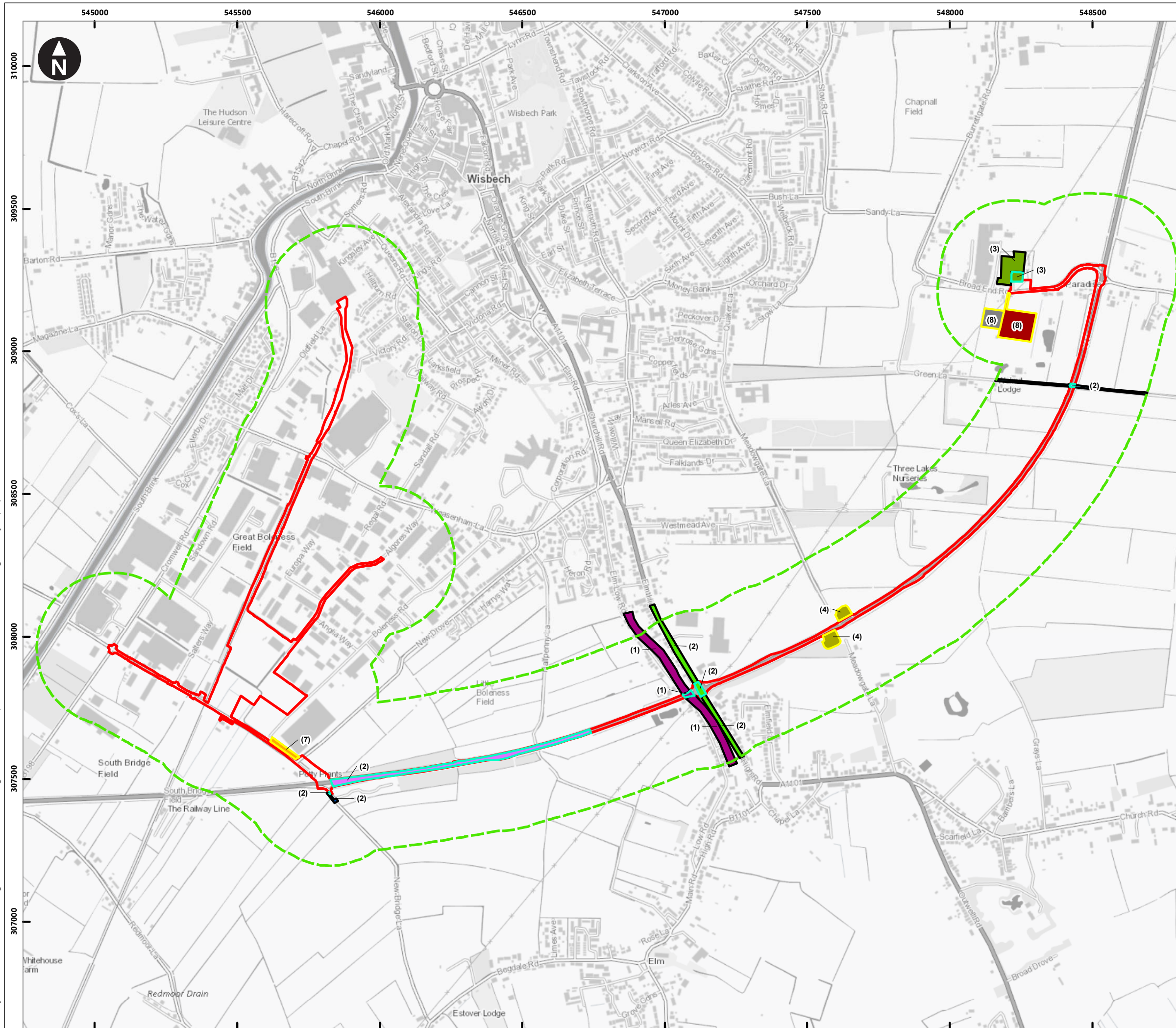
Notes:

Source numbers correspond to the Wisbech Phases 1 and 2 Geoenvironmental Desk Study and Interpretative Report.



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Figure 13.1ii
Potential land contamination constraints within the Study Area
CHP Connection, Access Improvements and Temporary Construction Compound



Key

- Order limits
- 250m Study Area

Boundary indicative of source

- On site
- Off site
- Cross boundary

Source

- Landfill (former Wisbech Canal infilled)
- Road embankment (made ground)
- Fly tipping
- Former railway
- Former tramline
- Walsoken DNO Substation
- Former petrol station
- Pollution incident at ditch
- Former brick kilns / builders yard
- Refuse tip

Sources:

(1) Historical landfill at former Wisbech Canal (waste possibly extending to 4m in depth)
 (2) Localised made ground (including A47 embankment, former railway line, and onsite fly tipping at New Bridge Lane) (cross boundary source)
 (3) Walsoken DNO Substation (cross boundary source)
 (4) Offsite: Former petrol filling stations
 (5) Natural peat deposits (not shown on figure)
 (7) Offsite: Pollution incident at the drainage ditch north of the site
 (8) Offsite: refuse tip dating from 1967 (also the site of the former Walsoken brick and tile works)

Notes:

Source numbers correspond to the Medworth Grid Connection Corridor Phase 1 Geoenvironmental Desk Study and Interpretative Report.

0 100 200 300 400 500 600 700 m
 Scale at A3: 1:13,000
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Figure 13.1iii
Potential land contamination constraints within the Study Area
Grid Connection and Water Connections

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