

South Humber Bank Energy Centre Development Consent Order

South Marsh Road, Stallingborough, DN41 8BZ

Environmental Impact Assessment: Preliminary Environmental Information Report - Volume II

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)



DOCUMENT HISTORY

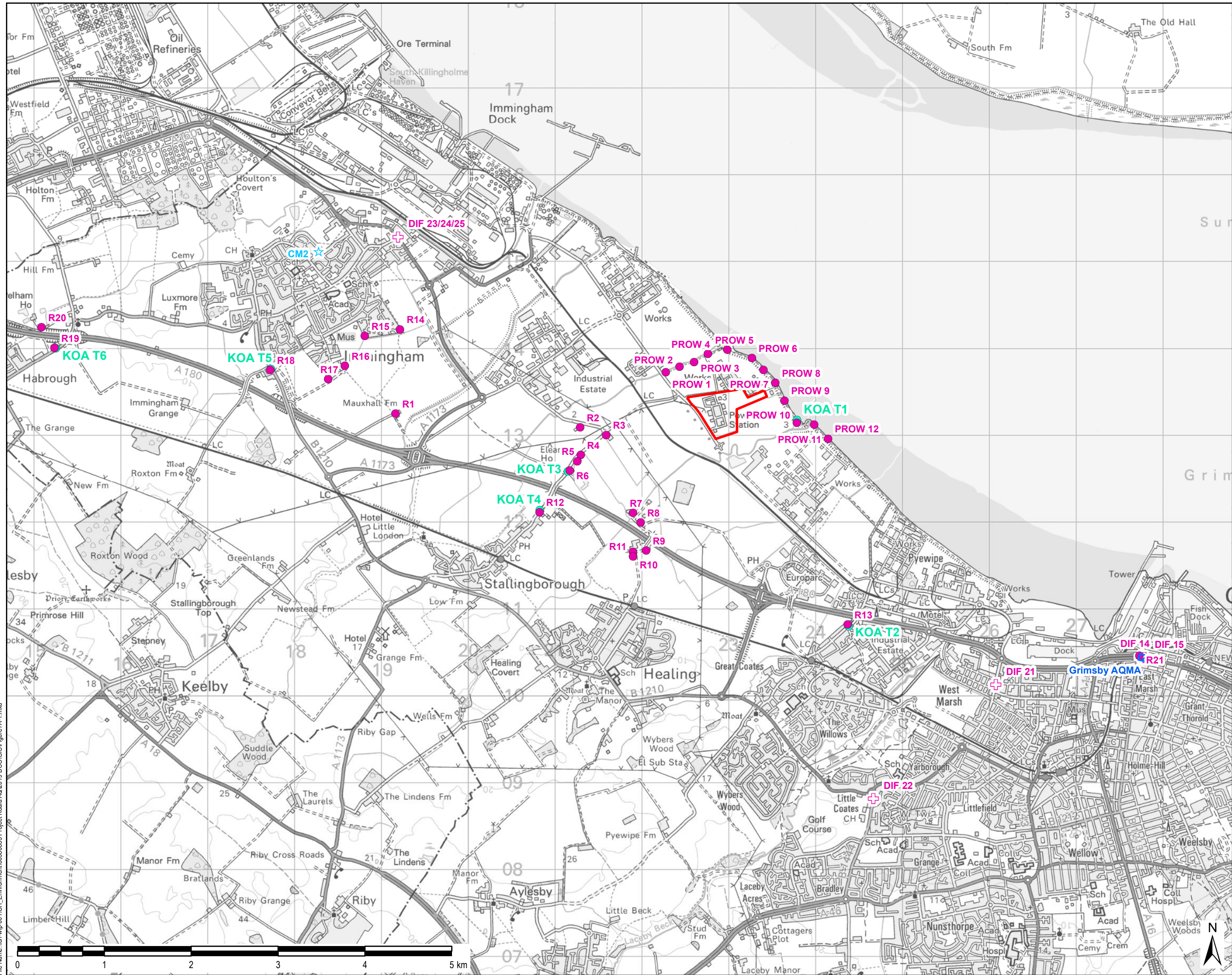
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| Author | Various | | |
| Signed | Kirsty Cobb | Date | October 2019 |
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LEGEND

- Application Boundary
- Grimsby AQMA
- Human Receptors
- AECOM NO₂ Diffusion Tubes
- North East Lincolnshire Council NO₂ Diffusion Tubes
- North East Lincolnshire Continuous Monitoring Location

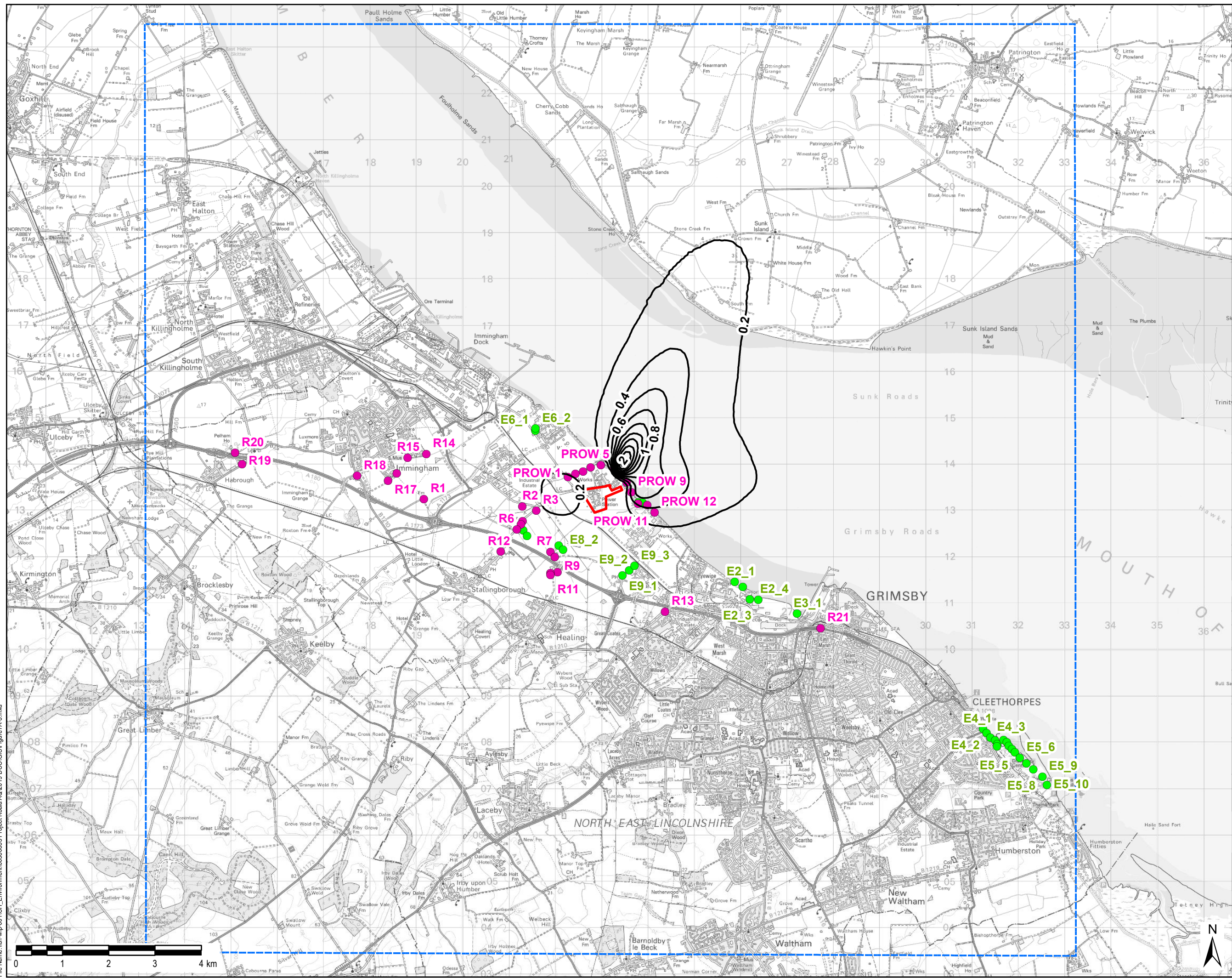
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| Purpose of Issue PEI REPORT | | | | |
| Client EP WASTE MANAGEMENT LIMITED | | | | |
| Project Title SOUTH HUMBER BANK ENERGY CENTRE DCO | | | | |
| Drawing Title AIR QUALITY RECEPTORS AND DIFFUSION TUBE MONITORING LOCATIONS | | | | |
| Drawn MH | Checked DD | Approved GG | Date 17/10/2019 | |
| AECOM Internal Project No. 60580855 | | | Scale @ A3 1:40,000 | |
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LEGEND

- Application Boundary
- Annual Mean NO₂
- Process Contribution (µg/m³)
- Modelled Domain
- Human Receptors
- Ecological Receptors

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Purpose of Issue

PEI REPORT

Client

EP WASTE
MANAGEMENT LIMITED

Project Title

SOUTH HUMBER BANK
ENERGY CENTRE DCO

Drawing Title

ANNUAL MEAN MAXIMUM NO₂
PROCESS CONTRIBUTION
2015 METEOROLOGICAL YEAR

| | | | |
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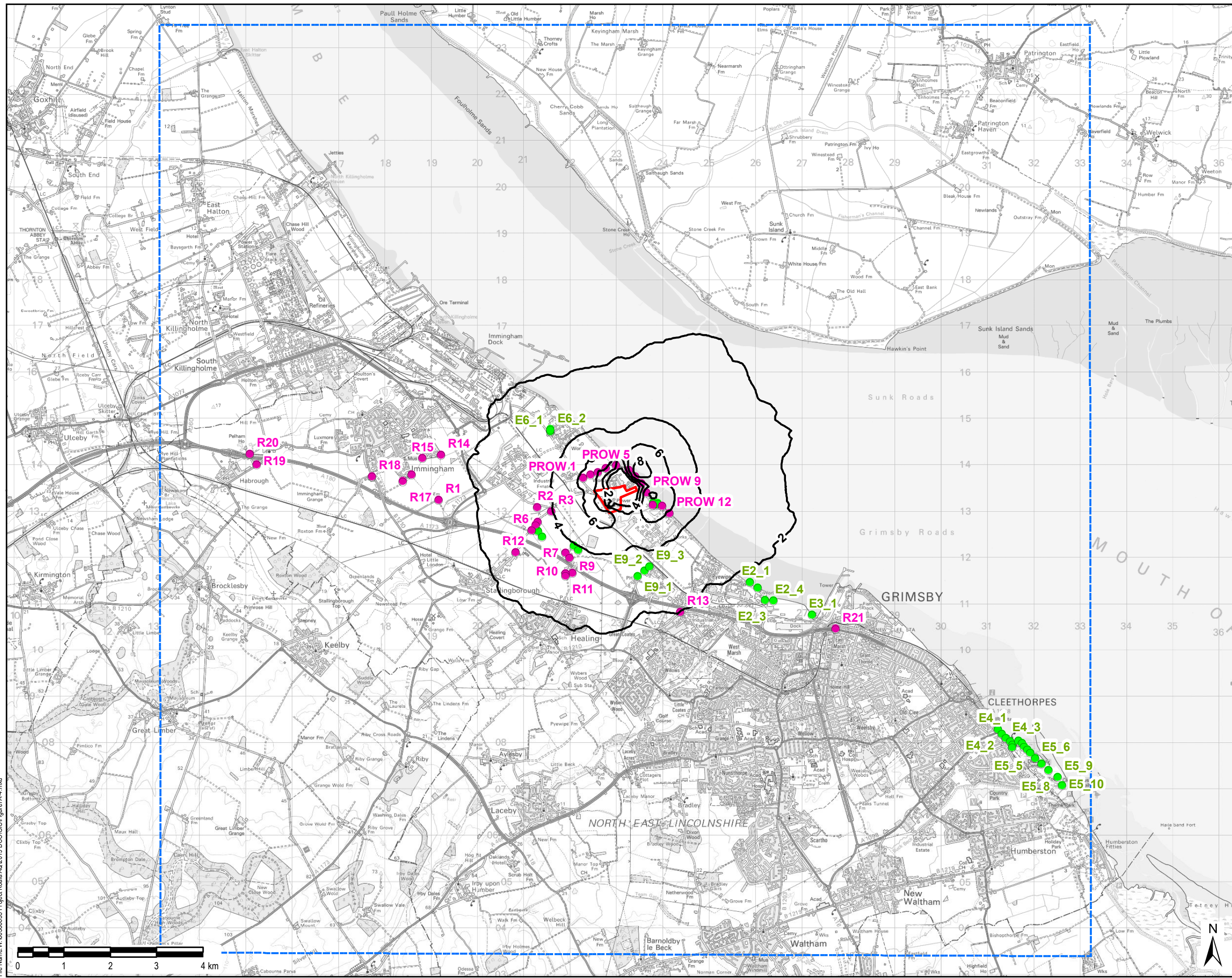
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FIGURE 7.3

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LEGEND

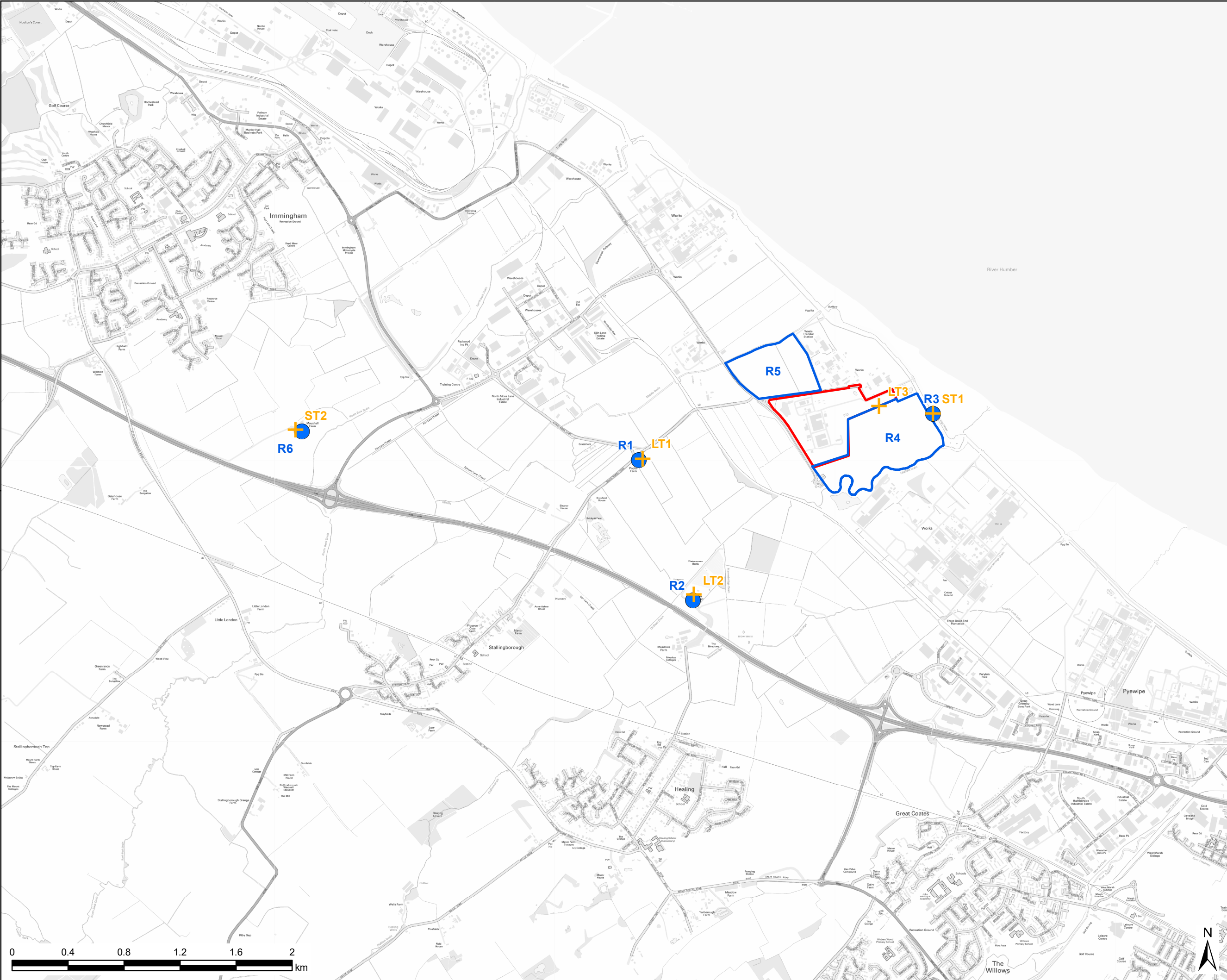
- Application Boundary
- NO₂ 1 hour Mean Process Contribution ($\mu\text{g}/\text{m}^3$)
- Modelled Domain
- Human Receptors
- Ecological Receptors

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| Client EP WASTE MANAGEMENT LIMITED | | | | |
| Project Title SOUTH HUMBER BANK ENERGY CENTRE DCO | | | | |
| Drawing Title SHORT TERM MAXIMUM NO ₂ PROCESS CONTRIBUTION 2014 METEOROLOGICAL YEAR | | | | |
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LEGEND

Application Boundary

Noise sensitive receptor

Noise monitoring location

Noise sensitive area

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Project Title

SOUTH HUMBER BANK
ENERGY CENTRE DCO

Application Document Ref

NOISE SENSITIVE RECEPTORS
AND MONITORING LOCATIONS

Drawn

LC

Checked

RS

Approved

KC

Date

17/10/2019

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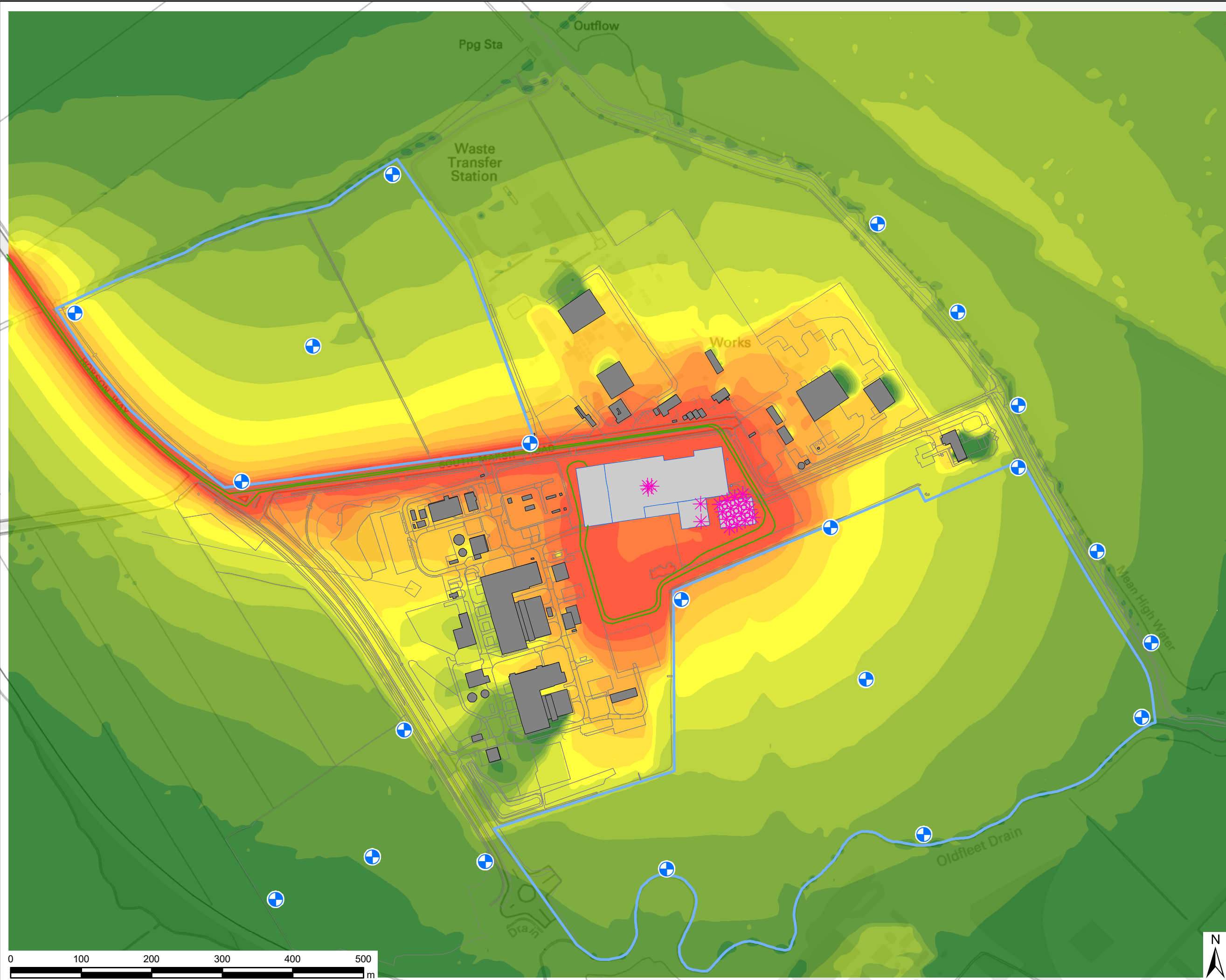
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FIGURE 8.1

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LEGEND

- Proposed Development
- Building
- External Plant
- Ecological Receptor
- HGV Movement
- Field Boundary

Levels: Night 0600-0700

dB(A)

- <44
- 44 - 46
- 46 - 48
- 48 - 50
- 50 - 52
- 52 - 54
- 54 - 56
- 56 - 58
- 58 - 60
- 60 - 62
- 62 - 64
- 64 - 66
- > 66

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PEI REPORT

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MANAGEMENT LIMITED**

Project Title
**SOUTH HUMBER BANK
ENERGY CENTRE DCO**

Application Document Ref
**PREDICTED NOISE LEVELS AT
ECOLOGICAL RECEPTORS
WORST-CASE HOUR: 0600 - 0700
HEIGHT ABOVE GROUND: 0.5M**

| | | | |
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FIGURE 8.2

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