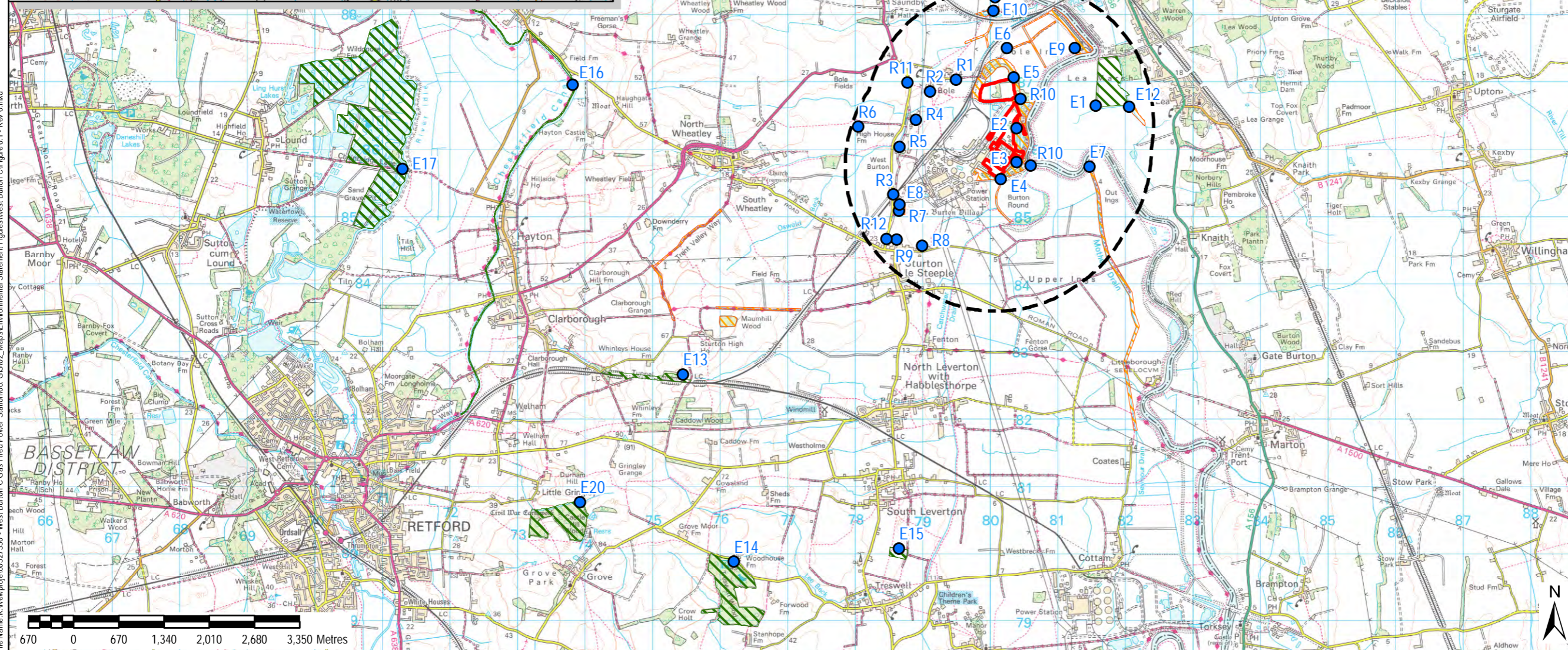


| ID | Receptor name | Receptor type ¹ | Grid reference | Distance from boundary for impacts from: | | |
|-----|---|----------------------------|------------------------------|--|-------------------------------|-----------------------------|
| | | | | Traffic ² (m) | Dust ³ (m) | Operation ⁴ (km) |
| R1 | Willow Farm; Manor Cottage, East Street, Bole | Residential | 479499, 387023 | >350 | >500 | 0.9 NW |
| R2 | South Street, Bole | Residential | 479110, 386849 | 230 | >500 | 1.0 NW |
| R3 | Crossing Keepers Cottage | Residential | 478570, 385320 | 25 | >500 | 1.9 SW |
| R4 | Mill House Farm | Residential | 478906, 386428 | 35 | >500 | 1.1 W |
| R5 | Grange Farm | Residential | 478663, 386031 | 20 | >500 | 1.2 W |
| R6 | High Farm Cottages | Residential | 478050, 386327 | >350 | >500 | 1.9 W |
| R7 | St Ives | Residential | 478654, 385082 | 85 | >500 | 1.3 SW |
| R8 | North Street, Sturton-le-Steeple | Residential | 479000, 384560 | >350 | >500 | 1.4 SW |
| R9 | Watkins Lane, Sturton-le-Steeple | Residential | 478620, 384650 | >350 | >500 | 1.6 SW |
| R10 | Public Right of Way – River Trent bank | Transient | 480400-480500, 385700-386700 | - | Adjacent | >0.1 E |
| R11 | Rose Lea | Residential | 478780, 386980 | 20 | >500 | 1.6 NW |
| R12 | Gainsborough Road South | Residential | 478470, 384660 | <10 | >500 | 2.3 SW |
| E1 | Lea Marsh | SSSI | 481573, 386640 | >350 | >50 | 1.0 NE |
| E2 | West Burton Power Station | LWS | 480400, 386300 | <10 | Located partially within Site | |
| E3 | West Burton Reedbed | LWS | 480400, 385800 | <50 | >50 | 0.05 SE |
| E4 | Burton Round Ditch | LWS | 480180, 385550 | >350 | >50 | 0.1 S |
| E5 | Bole Ings | LWS | 480350, 387060 | >350 | >50 | 0.4 N |
| E6 | Bole Ings Drains | LWS | 480250, 387490 | >350 | >50 | 0.4 N |
| E7 | Mother Drain, Upper Ings | LWS | 481480, 385730 | >350 | >50 | 1.1 E |
| E8 | West Burton Meadow | LWS | 478660, 385170 | 100 | >50 | 1.2 SW |
| E9 | Bole Ings Flood Pasture | LWS | 481260, 387490 | >350 | >50 | 1.4 NE |
| E10 | Saundby Ponds | LWS | 480050, 388050 | >350 | >50 | 1.6 N |
| E11 | Saundby Marsh Drains | LWS | 480080, 388250 | >350 | >50 | 1.7 N |
| E12 | Lea Meadow | LWS | 482060, 386620 | >350 | >50 | 1.8 NE |
| E13 | Clarbrough Tunnel | SSSI | 475450, 382650 | >350 | >50 | 5.9 SW |
| E14 | Treswell Wood | SSSI | 476205, 379875 | >350 | >50 | 7.5 SW |
| E15 | Ashton's Meadow | SSSI | 478650, 380070 | >350 | >50 | 6.3 S |
| E16 | Chesterfield Canal (1) | SSSI | 473815, 386950 | >350 | >50 | 6.4 W |
| E17 | Suton and Lound Gravel Pits | SSSI | 471300, 385700 | >350 | >50 | 8.9 W |
| E18 | Chesterfield Canal (2) | SSSI | 475100, 392470 | >350 | >50 | 8.1 NW |
| E19 | Mother Drain, Misterton | SSSI | 478500, 394760 | >350 | >50 | 8.7 N |
| E20 | Castle Hill Wood | SSSI | 474040, 380680 | >350 | >50 | 8.3 SW |

LEGEND

- The Order Limits
- Study Area (2km)
- Air Quality Receptor Location
- Site of Special Scientific Interest
- Local Wildlife Site



| | | | | |
|--|---|----------|----------|--------|
| First Issue | GB | SE | 05.01.18 | 0 |
| Revision Details | By | Check | Date | Suffix |
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| Client | EDF ENERGY (THERMAL GENERATION) LIMITED | | | |
| Project Title | WEST BURTON C (GAS FIRED GENERATING STATION) | | | |
| Drawing Title | FIGURE 6.1 AIR QUALITY STUDY AREA AND RECEPTOR LOCATIONS | | | |
| Drawn | Checked | Approved | Date | |
| GB | SE | RL | 05.01.18 | |
| AECom Internal Project No. | Scale @ A3 | | | |
| 60527350 | 1:65,982 | | | |
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