

## CARBON REDUCTION PLAN

Nottingham & Mansfield drains Ltd – Company reg 448114402

**Net Zero Target: 2050**

**Reporting period: 1 January 2026 – 31 August 2026**

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### 1. Commitment to Net Zero

Nottingham & Mansfield drains Ltd is committed to achieving **Net Zero greenhouse gas emissions by 2050 or earlier.**

We recognise our responsibility to reduce the environmental impact of our drainage operations. We will take practical and proportionate steps to reduce fuel consumption, unnecessary journeys, paper use, waste and other emissions associated with our business.

This Carbon Reduction Plan will be reviewed at least annually and updated as better information becomes available.

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### 2. Our Business

Nottingham & Mansfield drains Ltd provides professional drainage services, including drainage clearance, maintenance, inspection, repair and associated drainage services.

Our company currently has:

- **Ford Transit diesel vans**
  - Vans equipped with **AdBlue technology**
  - Drainage equipment and machinery
  - Travel to customer and contract sites
  - Digital administration and paperwork
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### 3. Carbon Reduction Measures Already in Place

#### Vehicle and journey reduction

Where two employees are required to attend the **same location**, they travel together in **one van rather than using two vans.**

Where possible, we arrange for **one van to cover a particular area**, reducing unnecessary journeys and vehicle mileage.

Our Ford Transit diesel vans use **AdBlue technology.**

Vehicle mileage and fuel consumption are recorded and monitored.

#### Paperless working

Nottingham & Mansfield drains Ltd operates a **predominantly paperless system.**

Receipts, invoices and other documents are sent and stored digitally, with information communicated by email wherever practical.

This reduces paper consumption, printing, ink, physical storage and postal requirements.

PIR lighting in office premisses.

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#### 4. Current Carbon Emissions

We have recorded fuel consumption and mileage for our three vans for the period **1 January 2026 to 31 August 2026**.

| Vehicle | Diesel used | Mileage | Estimated CO <sub>2</sub> e |
|---------|-------------|---------|-----------------------------|
|---------|-------------|---------|-----------------------------|

|              |                       |                     |                     |
|--------------|-----------------------|---------------------|---------------------|
| <b>TOTAL</b> | <b>990.26 gallons</b> | <b>26,817 miles</b> | <b>11.63 tonnes</b> |
|--------------|-----------------------|---------------------|---------------------|

The recorded fuel use is approximately **4,502 litres of diesel**, producing approximately **11.63 tonnes CO<sub>2</sub>e** using the 2026 UK Government greenhouse-gas conversion factor for diesel.

These figures represent the company's current **Scope 1 vehicle emissions** based on the fuel records available.

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#### 5. Scope 2 Emissions

Scope 2 emissions relate mainly to electricity and other purchased energy used at company premises. Nottingham & Mansfield drains Ltd will record electricity and other purchased energy consumption from utility bills and include these figures in future annual updates to this Carbon Reduction Plan.

**Current Scope 2 emissions: To be calculated from utility records.**

**Purchased electricity 4000 KWh producing .75 tCO<sub>2</sub>e**

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#### 6. Scope 3 Emissions

The company will progressively improve its monitoring of relevant indirect emissions, including where applicable:

Employee commuting: 1.09 tCO<sub>2</sub>e

Waste generated in operations: 0.71 tCO<sub>2</sub>e

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#### 7. Carbon Reduction Targets

##### 2026–2027

- Continue recording vehicle mileage and fuel consumption.
- Continue sharing vans when employees attend the same location.
- Continue using one van within an area where practical.
- Continue paperless administration.
- Monitor waste from drainage operations.
- Improve recycling and responsible waste disposal.

##### 2028–2030

- Continue reducing unnecessary vehicle mileage.
- **Begin planning for the transition from diesel vans to electric vehicles.**
- Assess suitable electric vans for drainage work.
- Consider charging requirements and infrastructure.

- Continue improving energy efficiency.
- Expand our ISO 14001 accreditation.
- Continue reducing paper and waste.

#### **2030–2040**

- **Progressively replace our diesel vans with suitable electric vehicles as existing vans reach the end of their working life.**
- Move towards operating an increasingly electric vehicle fleet.
- Continue reducing fuel consumption and unnecessary mileage.
- Increase recycling and responsible waste management.
- Continue improving energy efficiency.

#### **2040–2050**

- **Our long-term objective is to operate an electric vehicle fleet**, subject to suitable vehicles and charging infrastructure being available for the requirements of our drainage business.
- Continue reducing any remaining greenhouse gas emissions.
- Continue improving energy efficiency and waste management.

#### **2050**

**Nottingham & Mansfield drains Ltd aims to achieve Net Zero greenhouse gas emissions by 2050 or earlier.**

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### **8. Future Vehicle Strategy**

Nottingham & Mansfield drains Ltd **long-term plan is to transition its vehicle fleet from diesel vehicles to electric vehicles (EVs).**

As our existing diesel vans reach the end of their useful working life, we will assess replacing them with suitable electric vans or other zero/low-emission alternatives.

When making this transition, we will consider:

- The range required for daily drainage work.
- The weight of drainage equipment carried.
- Availability of suitable electric vans.
- Charging infrastructure.
- The distances travelled by our engineers.
- The suitability of electric vehicles for emergency and contract work.

- The overall environmental benefit.

In the meantime, we will continue reducing diesel consumption by **sharing vehicles when attending the same location and using one van within an area where practical.**

Our long-term objective is to **operate an electric vehicle fleet and significantly reduce our transport-related carbon emissions**, supporting our commitment to Net Zero by 2050 or earlier.

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## 9. Employee Environmental Responsibilities

All employees are encouraged to:

- Avoid unnecessary journeys.
- Share vehicles when attending the same site.
- Drive efficiently and responsibly.
- Avoid unnecessary engine idling.
- Reduce paper and printing.
- Use digital documents wherever possible.
- Separate and recycle waste where practical.
- Avoid unnecessary use of materials.
- Identify opportunities to reduce the company's environmental impact.

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## 10. Monitoring and Review

The company director will have overall responsibility for this Carbon Reduction Plan.

The plan will be reviewed **at least annually**.

The review will consider:

- Vehicle mileage
- Diesel consumption
- Carbon emissions
- Electricity consumption
- Waste
- Paper usage
- Progress towards electric vehicles
- Progress against carbon reduction targets

- Opportunities to introduce lower-carbon equipment
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## Declaration

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for Green House gas company reporting. Scope 1 and scope 2 emissions have been reported in accordance with SECR requirements.