

# UKOPA Third Party Infringement Database

## Database Report for 2004

# Introduction

- In the past, UKOPA members have investigated their infringements individually
- The resulting improvement processes have lacked co-ordination and national coherence
- The UKOPA database aims to share infringement details and trends, allowing the Association to develop effective improvement plans
- Effectively a 'national register' of infringements and those who infringe

# Contributing Members

- Current UKOPA members who contribute to the database include:
  - National Grid Transco
  - Shell
  - BP
  - Huntsman
  - Total (UK)
  - Esso Petroleum
  - BPA
  - Powergen
  - Unipen (Manchester Jetline)
  - OPA

# Database Structure

- The record for each infringement includes:
    - Date
    - Location
    - Category
    - Third Party Type
    - Third Party Name
    - Activity Type
- And for more recent records:
- If activity was pre-notified to pipeline operator

# Analysis by Infringement Category

- The UKOPA database categorises infringements on the basis of two factors
  - Actual damage or potential risk of damage to pipelines
  - Location of excavation in relation to pipelines

# Analysis by Infringement Category

- Actual damage or potential risk of damage to pipeline

Infringement Category	Infringement Type	Infringement Description
A	Pipeline Damage or Leak	Includes damage to wrap or protective sleeve
B	Serious Potential for Damage	Methods or equipment used could have resulted in significant damage had excavation taken place at pipeline
C	Limited Potential for Damage	Methods or equipment would not have resulted in serious damage

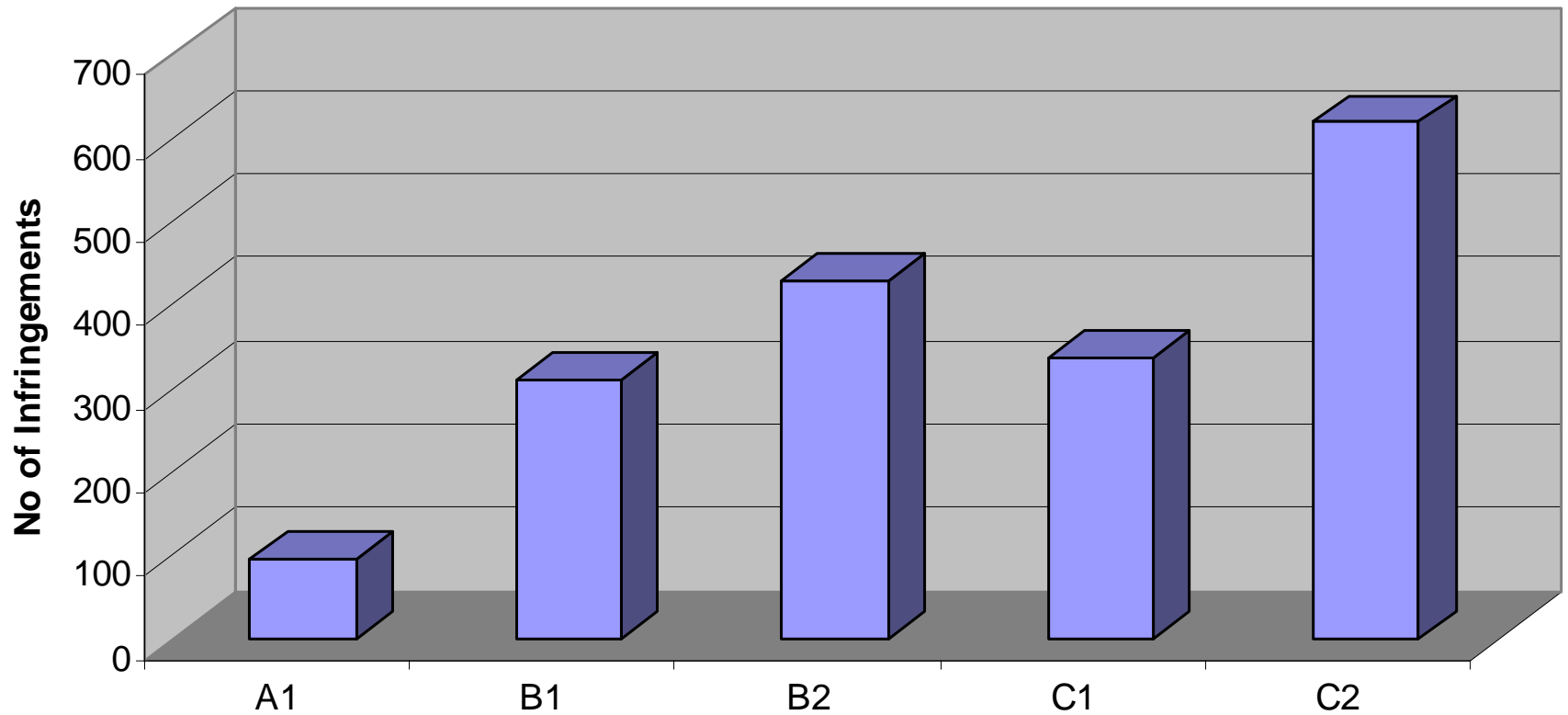
# Analysis by Infringement Category

- Location of excavation in relation to pipeline

Location Category	Location Description
1	Within the pipeline wayleave or easement. Typically, this is the zone within which the pipeline operator has legal rights, including a requirement by the landowner to notify planned work (although may be different for non-Pipelines Act lines laid by Statutory Undertakers).
2	Within the pipeline operators zone of interest, but outside the pipeline wayleave or easement. It is the area within which the operator would have reasonably expected a competent third party to have given notification in the prevailing circumstances.

## Infringements by Category

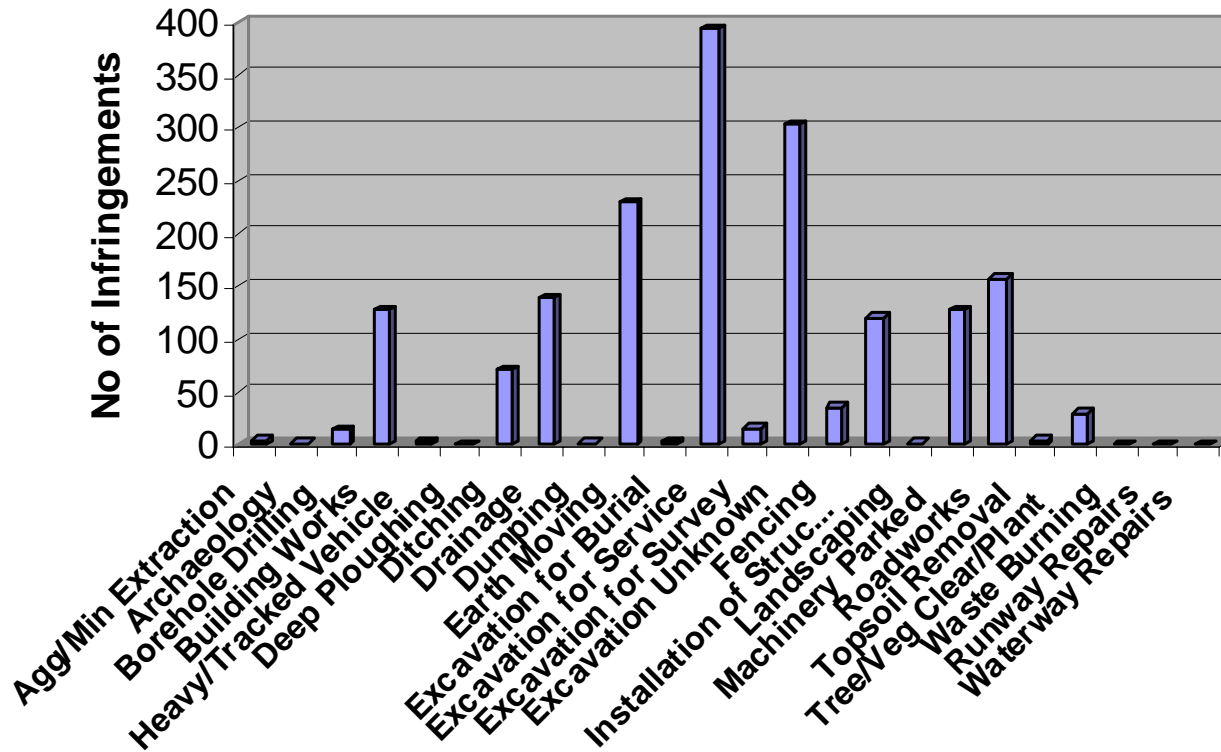
### UKOPA Infringement Database to end 2004



# Analysis by Activity Type

- Understanding the types of activity contributing to infringement statistics provides important information for:
  - targeting awareness training and communication
  - relating to infringement location and vulnerable areas

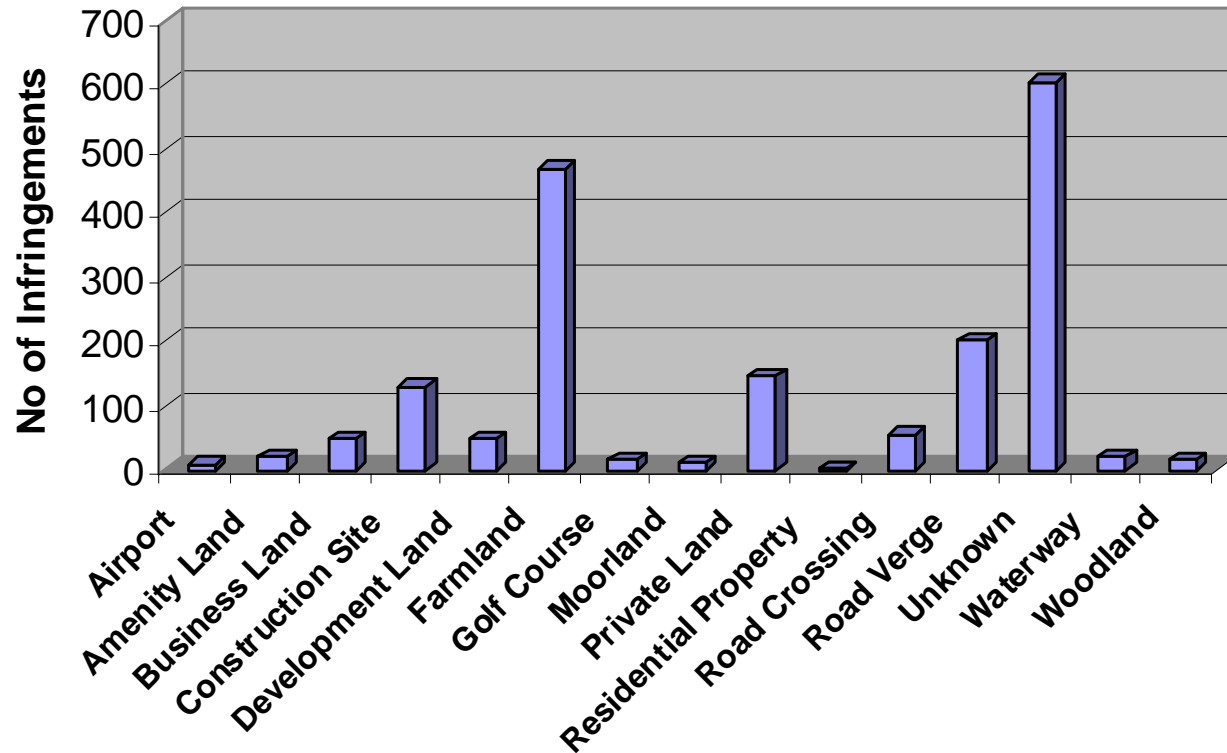
## Infringements by Activity Type UKOPA Infringement Database to end 2004



# Analysis by Infringement Location

- Locations where infringements may take place provides key information for:
  - main areas of pipeline vulnerability
  - areas where marking is critical
  - areas where excavator vigilance is particularly important

## Infringements by Location UKOPA Infringement Database to end 2004

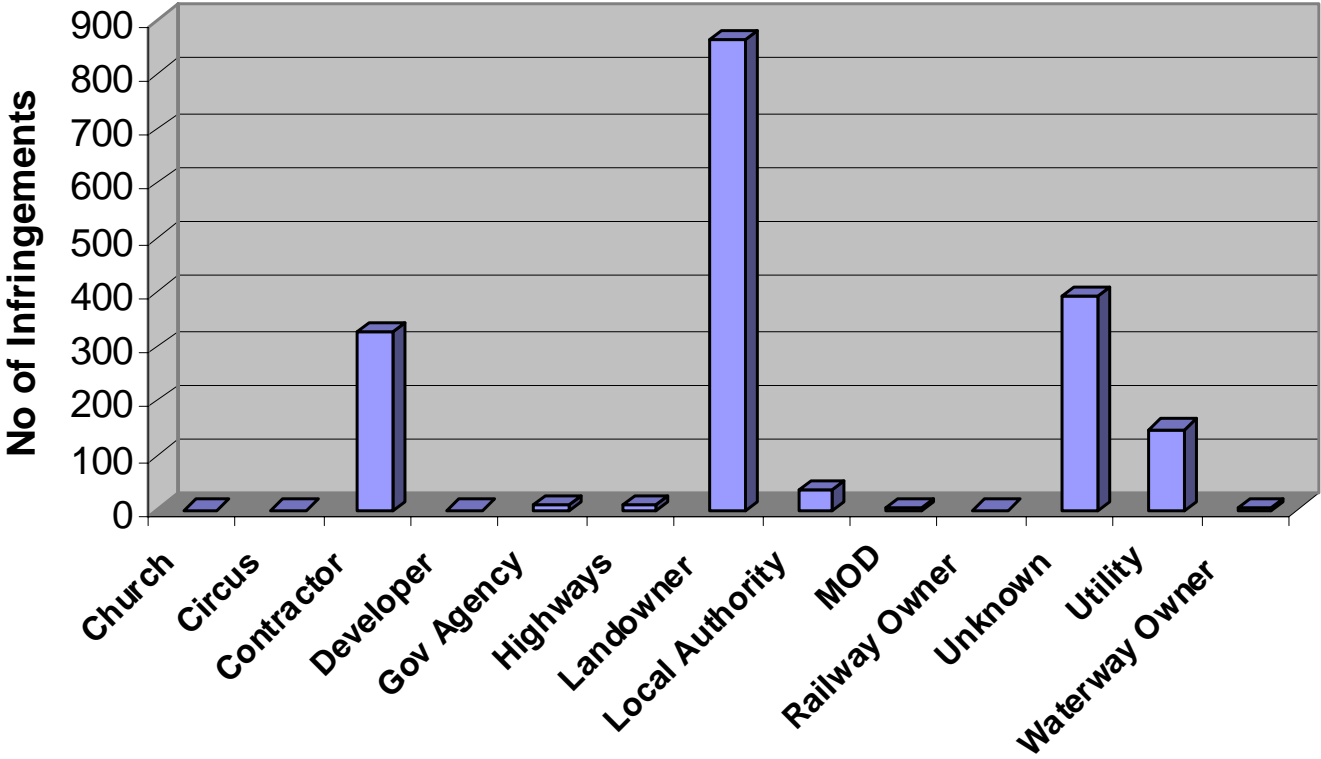


# Analysis by Third Party Type

- UKOPA are interested in which types of third parties are infringing
- Are there any patterns?
- What does it tell us about the weakness of the sub-contracting 'chain'?
  - Who is responsible for checks and searches in each case?
  - What does it tell us about the 'pipeline awareness' of those actually doing the digging?

# Infringements by Third Party Type

## UKOPA Infringement Database to end 2004



# Analysis by Third Party Name

- UKOPA are interested in identifying and working with anyone who has, or has the potential to infringe
- Those third parties who have made multiple infringements are a particular concern
- As invited members of UKOPA, the Health & Safety Executive are have access to the list of 'repeat infringers'
- This individually named company data is not publicly available

# Repeat Infringers

Events per Third Party	No of Third Parties
1	106
2	22
3	2
4	3
5	0
6	0
7	1
8	1
9	0
10	1