

UKOPA Third Party Infringement Database

Database Report for 2005

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 Gas
 - BP
 - Ineos
 - Esso Petroleum
 - E.On
 - Unipen (Manchester Jetline)
 - Wales & West Utilities
 - Shell
 - Huntsman
 - Total (UK)
 - BPA
 - OPA
 - Scotia Gas Networks
 - Northern Gas Networks

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
- if activity occurred in urban, suburban, rural or industrial area
- means by which infringement was discovered (aerial/road/ground patrol, notification by infringer, notification other)

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

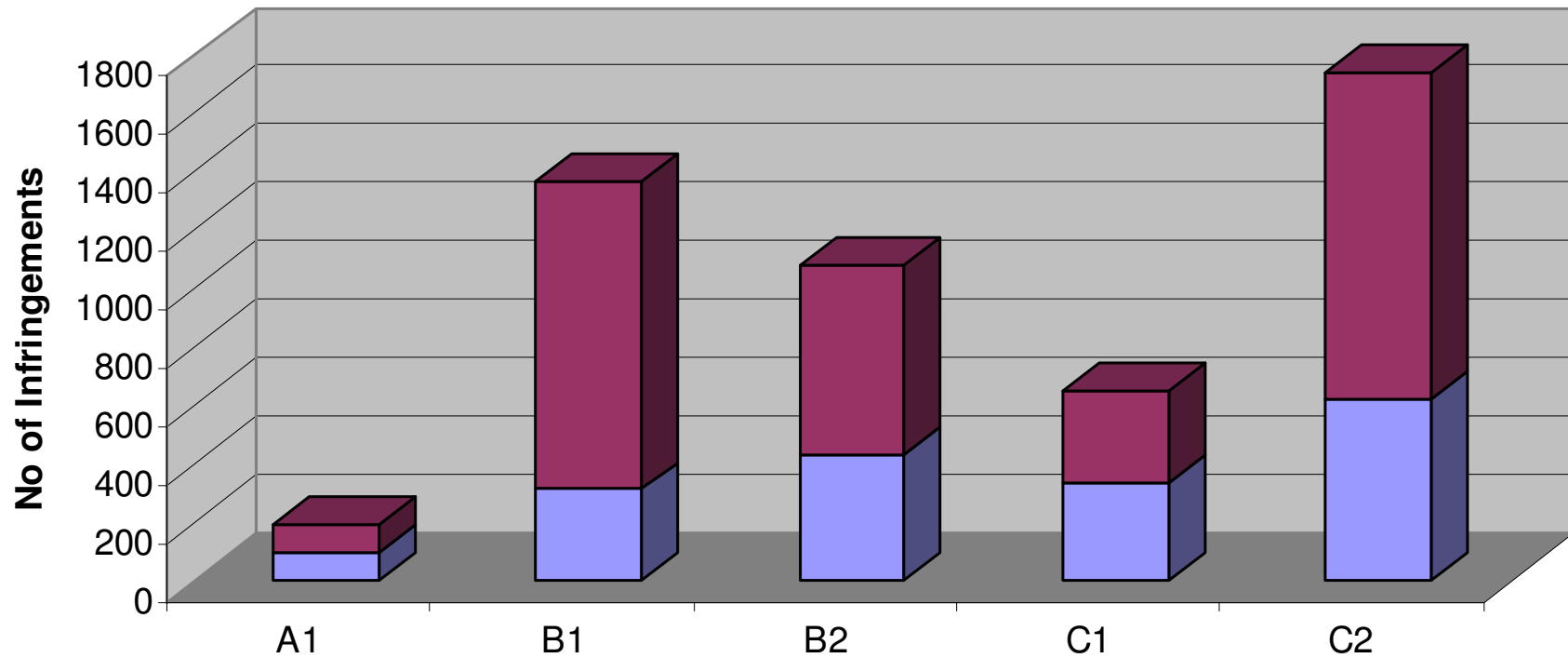
Infringement Category	Infringement Type	Infringement Description
A	Pipeline Damage or Leak	Includes damage to wrap or protective sleeve
B	Serious Potential for Damage	Methods or equipment used could have resulted in significant damage had excavation taken place at pipeline
C	Limited Potential for Damage	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 2005



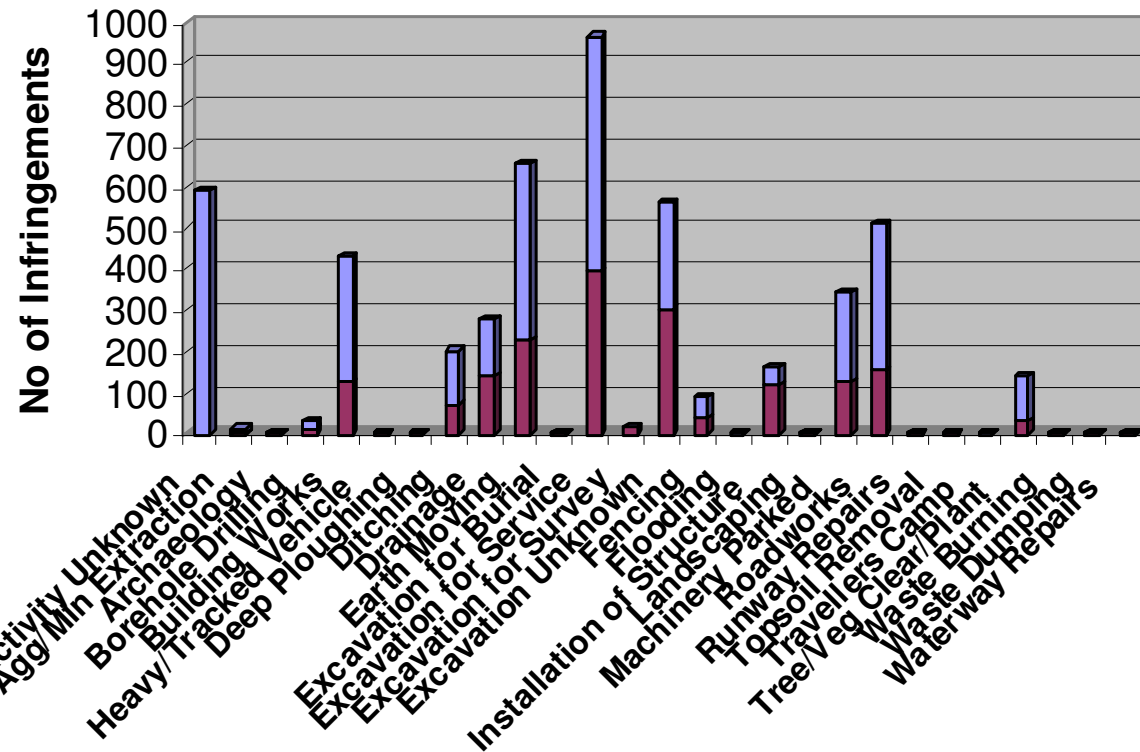
■ Data to end 2004

■ Additional data in 2005

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 2005



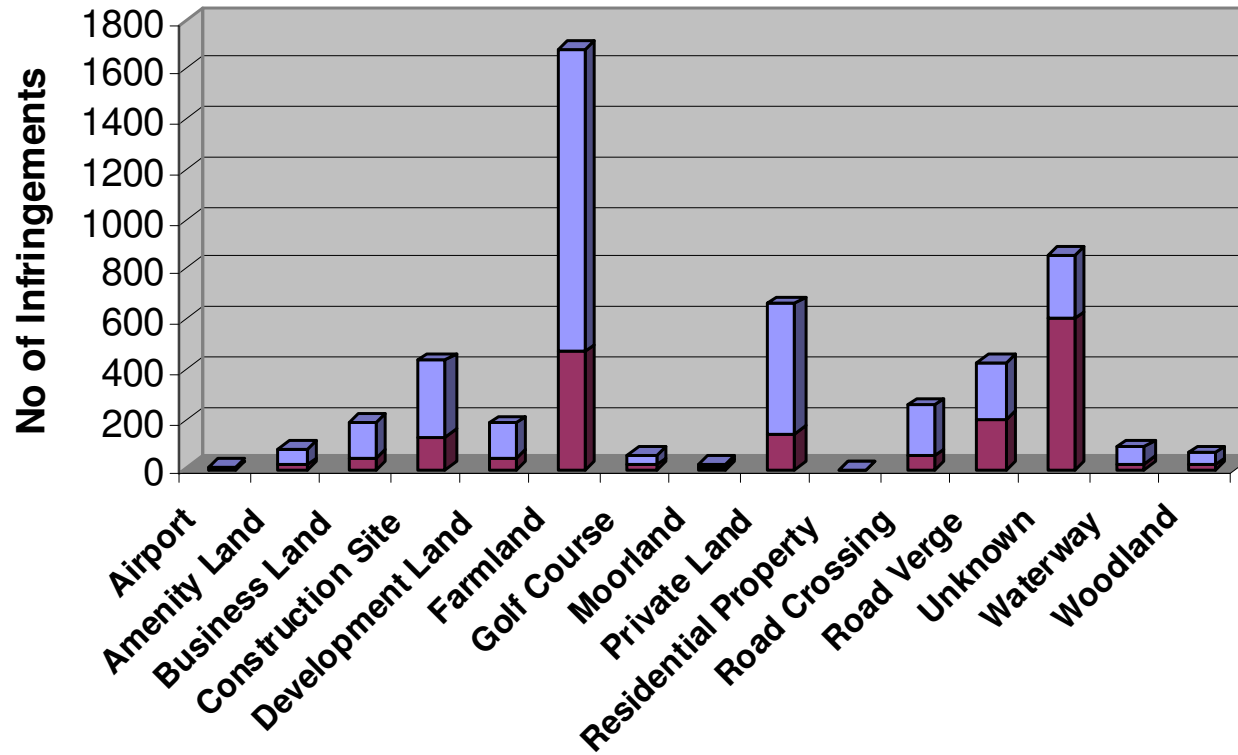
■ Data to end 2004

■ Additional data in 2005

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 2005



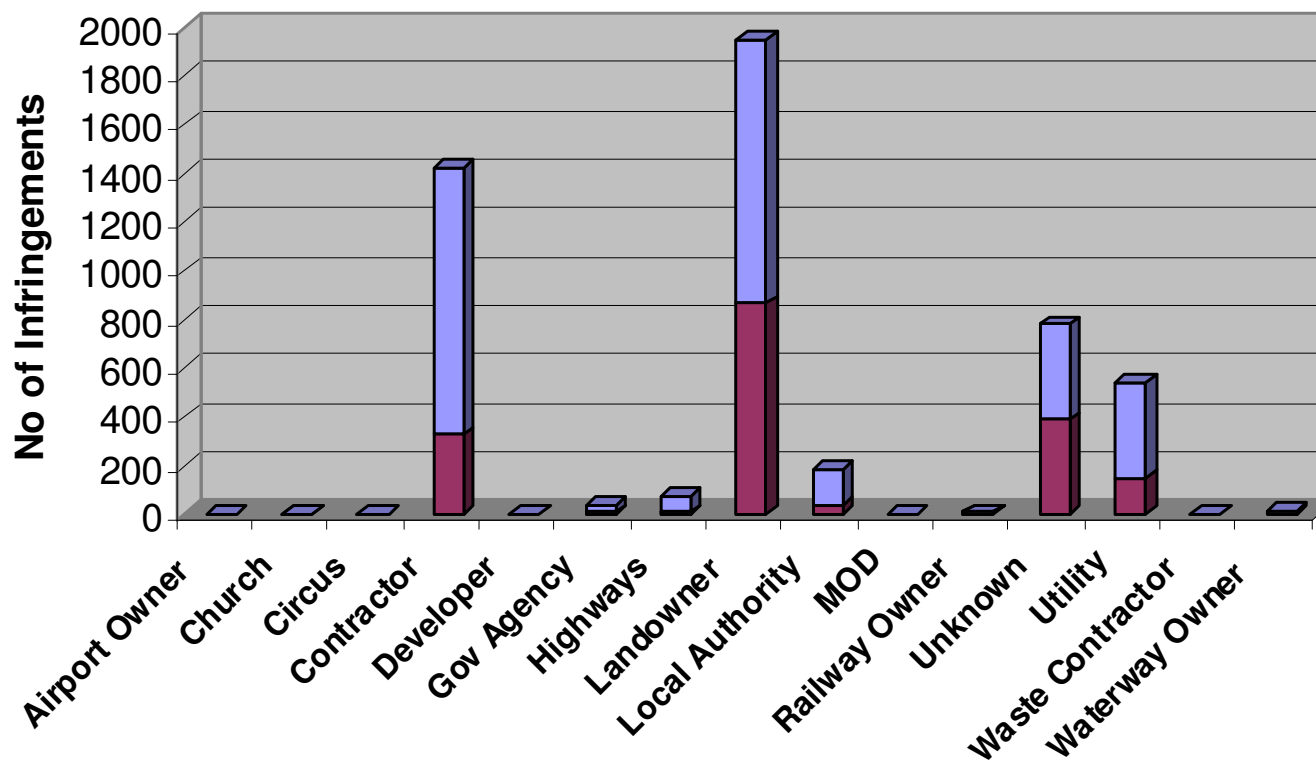
Data to end 2004

Additional data in 2005

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 2005



Data to end 2004

Additional data in 2005

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

Infringements by Third Party Type Repeat Infringers at end 2005

