

# HSEQ ALERT-OSB-89-Diesel Spill BOTLEY DIESEL SPILL INCIDENT

OSBORNE



Diesel spill at rear of generator

## What happened?

At our earthworks project at Botley, it was discovered that an estimated 250 litres of diesel had been spilled into our temporary roadway material and surrounding ground.

The generator was fed by a fuel bowser, and both were independently banded to 110% capacity. Early indications are that there was a fault with the change-over valve of the generator, which resulted in diesel building up pressure in the return pipe causing the pipe to fail and diesel to be continuously discharged into the generators bund.

The bund of the generator didn't have sufficient capacity to accommodate the capacity of diesel from the fuel bowser and therefore flooded, causing diesel to leak into the ground of the surrounding area.



Diesel spill locations

## Immediate actions taken

- The spill was immediately contained by switching off the source of the diesel
- Spill kits were applied for initial clean up
- A fitter attended site to repair the faulty generator
- Trial holes were undertaken to ascertain the extent of the spill
- A review is being undertaken to determine whether there has been any impact on sensitive receptors
- A specialist clean-up contractor is removing the contaminated material for appropriate disposal

## Focus of investigation

The exact cause of the technical failure is being ascertained with our plant supplier. Early recommendations are that micro switch generators which automatically cut off power in the event of a spill **SHOULD** be used when generators with additional external tank feeds are used.

These are to be checked and addressed across all sites immediately.



Remedial works in progress

The investigation is also considering whether additional bunding is required.

## Good practice reminders

Whilst not thought to be causal to the above incident:

- ✓ Ensure all persons on site have an understanding of spills and the actions to be taken
- ✓ Have the correct type and sufficient size spill kit on site
- ✓ Ensure site management team understand and can implement Pollution Incident Control Plan Procedures
- ✓ Plan the storing and siting of spill risks where they will not affect high risk locations



Cleaned area