

## What happened to Preese Hall Flowback?

Defend Lytham understand the following:

Most of Preese Hall's flowback fluid was transported by road tanker to Daveyhulme, where it was processed and discharged into the Manchester ship canal.

In October 2011 new EU regulations stated that a permit was needed to dispose of this radioactive waste. Daveyhulme was reluctant to accept any more so some 20,000 gallons of flowback stayed at Preese Hall for a year, awaiting a permit.

In late 2012 the EA exempted Cuadrilla from the need for a permit and it was moved 'for research purposes'. The EA have not disclosed its destination and Defend Lytham have asked FBC for clarification.

## The EU Report on Shale Gas Risks

The EU Report included a Risk Assessment table which we have reproduced below.

It shows **high risks** to the **environment** and **health** from a single shale gas well, and more areas become at high risk from the cumulative affect of multiple wells.

Cuadrilla will need in the order of 120 well pads in the Fylde to produce their anticipated volumes of gas.

Defend Lytham are extremely concerned by the **multiple risks** that this industry poses to the Fylde and are seeking a **moratorium**.

*Do you remember Lord Howell and his comment on the 'Desolate North'?*

**Table ES1: Summary of preliminary risk assessment**

Environmental Aspect	Site Identification & Preparation	Well Design, Drilling, Casing, Cementing	Fracturing	Well Completion	Production	Well Abandonment & Post Abandonment	Overall Rating Across All Phases
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### Individual Site

Groundwater Contamination	Not Applicable	Low	Moderate - High	High	Moderate - High	Not Classifiable	High
Surface Water Contamination	Low	Moderate	Moderate - High	High	Low	Not Applicable	High
Water Resources	Not Applicable	Not Applicable	Moderate	Not Applicable	Moderate	Not Applicable	Moderate
Release To Air	Low	Moderate	Moderate	Moderate	Moderate	Low	Moderate
Land Take	Moderate	Not Applicable	Not Applicable	Not Applicable	Moderate	Not Classifiable	Moderate
Risk to Biodiversity	Not Classifiable	Low	Low	Low	Moderate	Not Classifiable	Moderate
Noise Impacts	Low	Moderate	Moderate	Not Classifiable	Low	Not Applicable	Moderate - High
Visual Impact	Low	Low	Low	Not Applicable	Low	Low - Moderate	Low - Moderate
Seismicity	Not Applicable	Not Applicable	Low	Low	Not Applicable	Not Applicable	Low
Traffic	Low	Low	Moderate	Low	Low	Not Applicable	Moderate

### Cumulative

Groundwater Contamination	Not Applicable	Low	Moderate - High	High	High	Not Classifiable	High
Surface Water Contamination	Moderate	Moderate	Moderate - High	High	Moderate	Not Applicable	High
Water Resources	Not Applicable	Not Applicable	High	Not Applicable	High	Not Applicable	High
Release To Air	Low	High	High	High	High	Low	High
Land Take	Very High	Not Applicable	Not Applicable	Not Applicable	High	Not Classifiable	High
Risk to Biodiversity	Not Classifiable	Low	Moderate	Moderate	High	Not Classifiable	High
Noise Impacts	Low	High	Moderate	Not Classifiable	Low	Not Applicable	High
Visual Impact	Moderate	Moderate	Moderate	Not Applicable	Low	Low - Moderate	Moderate
Seismicity	Not Applicable	Not Applicable	Low	Low	Not Applicable	Not Applicable	Low
Traffic	High	High	High	Moderate	Low	Not Applicable	High

Not applicable: Impact not relevant to this stage of development

Not classifiable: Insufficient information available for the significance of this impact to be assessed

You can help us by:

Becoming a defender and signing our petition. Writing to your local MP and councillors. Details of how to object to planning applications and for more information about forthcoming events see our website.

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