

[REDACTED]

Sent: 16 April 2025 19:21
To: Planning Control
Subject: Objection to planning ref. NY/2025/0300/ENV

Categories: [REDACTED]

Planning control Office.
To whom it may concern

Objection to Development ref NY/2025/0030/ENV

I am writing to object to the above proposed development.

I am reasonably well informed regarding the issues surrounding hydraulic fracturing which technically is what is proposed, if disguised under another name.

I live in an area where hydraulic fracturing was proposed, and not too far from a working site. It has been shown that this kind of process is completely unviable even at the higher pressures and volumes used to fracture the shale underground, than those proposed by Europa.

Furthermore, studies made during a planning application where I live in 2018, have highlighted many issues associated with this type of gas extraction.

1.Site Development – Over 1000 HGV journeys will be needed to remove existing top soil, and replace it with concrete etc. The damage this will do to road structure and addition of pollution and noise on country roads is undeniable. And this is just the initial building stage. If the site got to the drilling stage, then the HGV traffic will be horrendous.

2. Damage to wildlife – The huge areas required to make this productive in terms of gas volume production, will mean destroying acres of habitat.

3. Pollution – To run the site effectively, machinery, such as pumps, generators, drilling machines, compressors, will need to operate day and night, producing fume pollution, noise pollution and light pollution. And vehicles are needed to transport gas or it will be necessary to dig up extensive pipeline runs connecting multiple sites,

4. Public Health and water contamination – Drilling through underground water supplies can result in serious water contamination

5. Climate Change impact - Shale hydraulic fracturing wells leak methane into the atmosphere, which together with combustion of the gas is as harmful to climate change as coal fired power stations. There is huge potential for far more renewable energy, particularly wave and tidal.

6. Water wastage and contamination

Wells require large quantities of clean water, all of which is wasted. The 40% flowback absorbs toxic chemical elements in the shale and needs specialist treatment before disposal, continually, by road tankers. The 60% remaining underground has the potential to contaminate groundwater which provides nearly a third of UK drinking supplies,

7. Local geology – Due to the nature of shale sites, there are many fault lines running in many directions. There is no guarantee in controlling the hydraulic fluid direction. The potential pathways and conduits for fugitive emissions of gas and fluids are due to the numerous fault lines under the site. **This may lead to tremors and damage to the areas away from the drilling sites.**

This particular area is above the peak fault line and the cliffs are fragile. Europa plan to drill and fracture the rock for miles underneath the whole area – they claim their “proppant squeeze” technique is less dangerous than hydraulic fracking but it still involves pressurising fluid to fracturing the rock, which can cause earth tremors.

Surely this disputes Europa’s claim that they are using a lower volume and therefore, pressure. It’s the actual **rock fracturing** that is uncontrollable once started, therefore cause for concern.

8. Need for shale gas - Most of the UK’s gas comes from offshore, mainly from the North Sea, where new finds are being developed; while onshore fracking will require thousands of well pads and tens of thousands of wells across the countryside.

It is unlikely to benefit the local area as any gas produced will be go into the ‘pot’ and sold on.

9. Environmental issues – The drilling sites produce copious amounts of methane released to the atmosphere, a dangerous greenhouse gas. The visual aspect of having tall drilling wells scattered around the area of outstanding natural beauty is unthinkable. One well on it’s own is not sufficiently viable.

I am therefore staking my objection to the Development NY/2025/0300/ENV on the above mentioned basis.

Yours Sincerely

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