Comment for planning application WSCC/045/20

Application number	WSCC/045/20
Name	ryan kearley
Address	2 ELM COTTAGES, BOAST LANE, BOAST LANE, LEWES, BN8 5DY
Type of Comment	Objection
Comments	There are many reasons that this activity should not be allowed. 1.The risk to our water supplies is a great concern here. There is proven evidence that flow testing has and does cause seismic activity. The issue here is not the seismic activity, but that shifts in faulted geology can compromise the integrity of the well. If the well casing is damaged or deformed by seismic activity, oil and drill fluids and naturally occurring heavy metals to pollute the aquifer. The problem here is that this pollution will be a permanent long-term problem that cannot be undone. The deformation of the well-casing at Preese Hall as a consequence of seismic activity is well documented. The Balcombe aquifer is the source of the river Ouse, and the main source of water for the Arlington, Ardingly and Barcombe Reservoir. These reservoirs serve many homes, but the risk of groundwater contamination presents a long-term problem for the River Ouse as an ecosystem. 2. Flow testing is a very water hungry process; to allow this flow testing to go ahead also increases the possibility of flow testing at other sites. East sussex is already critically short of water. Situated below London, with cities and towns all along the coastline, and locally with Crawley and other large towns; demand for water is outstripping supply. The Barcombe Aquifer is known to run dry through the summer months, all this demand places huge pressures on the river system. Flow testing can use several million litres of water, we have too many demands on our rivers and aquifers to give this kind of industry the go ahead. 3. Risk of contamination of the autral environment and our water supplies, can be raised again because the flowback from the well testing needs to be stored and managed . Just one flow test can yield several million litres of toxic flowback fluids. The fluid is mostly water, but hydrochloric acid, lubricants such as polyacrylamide, and anti-clogging bicides also have to be added. Both polyacrylamide and biocides contain toxins that are hazardous. In co
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Attachments	