



This form will report compliance with your permit as determined by an Environment Agency officer

Site	Preston New Road Exploration Site EPR/AB3101MW	Permit Ref	UP3431VF
Operator/ Permit holder	Cuadrilla Bowland Limited		
Date	06/03/2019	Time in	Out
What parts of the permit were assessed	Pre-Operational Conditions 5 & 6 - Well 2		
Assessment	Report/data review	EPR Activity:	Installation: X Waste Op: Water Discharge:
Recipient's name/position	HSE&P Manager		
Officer's name	EA Officers	Date issued	08/03/2019

Section 1 - Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations. A detailed explanation and any action you may need to take are given in the "Detailed Assessment of Compliance" (section 3). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our [Compliance Classification Scheme](#) (CCS). CCS scores can be consolidated or suspended, where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your [local office](#).

Permit Conditions and Compliance Summary

Condition(s) breached

Permit Condition	Compliance	Condition(s) breached
a) Permitted activities	1. Specified by permit	N
b) Infrastructure	1. Engineering for prevention & control of pollution	N
	2. Closure & decommissioning	N
	3. Site drainage engineering (clean & foul)	N
	4. Containment of stored materials	N
	5. Plant and equipment	N
c) General management	1. Staff competency/ training	N
	2. Management system & operating procedures	N
	3. Materials acceptance	N
	4. Storage handling, labelling, segregation	N
d) Incident management	1. Site security	N
	2. Accident, emergency & incident planning	N
e) Emissions	1. Air	N
	2. Land & Groundwater	N
	3. Surface water	N
	4. Sewer	N
	5. Waste	N
f) Amenity	1. Odour	N
	2. Noise	N
	3. Dust/fibres/particulates & litter	N
	4. Pests, birds & scavengers	N
	5. Deposits on road	N
g) Monitoring and records, maintenance and reporting	1. Monitoring of emissions & environment	N
	2. Records of activity, site diary, journal & events	N
	3. Maintenance records	N
	4. Reporting & notification	A
h) Resource efficiency	1. Efficient use of raw materials	N
	2. Energy	N

KEY: C1, C2, C3, C4 = CCS breach category (* suspended scores are marked with an asterisk), A = Assessed (no evidence of non-compliance), N = Not assessed, NA = Not Applicable, O = Ongoing non-compliance – not scored

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Total No Breaches is greater than zero, then please see Section 3 for details of our proposed enforcement response

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- the part(s) of the permit that were assessed (e.g. maintenance, training, combustion plant, etc)
- where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- any non-compliances identified
- any non-compliances with directly applicable legislation
- details of any multiple non-compliances
- information on the compliance score accrued inc. details of suspended or consolidated scores.
- details of advice given
- any other areas of concern
- all actions requested
- any examples of good practice.
- a reference to photos taken

This report should be clear, comprehensive, unambiguous and normally completed within 14 days of an assessment.

This report covers the Environment Agency's review of the tests the company has carried out to confirm the integrity of well 2.

In accordance with permit condition 2.4.4 a report referenced 'Well Integrity Report - PNR Well 2' has been submitted covering the integrity testing of well 2. The report confirms that the requirements in permit condition 2.3.4 and section 2.2.4 of the Waste Management Plan Version 8 have been met.

The injection of hydraulic fracturing fluid in well 2 cannot be carried out until approval has been met with permit condition 2.3.4 and measures specified in PO5 & PO6. To date hydraulic fracturing has been carried out in well 1z, well 2 has been used to locate geophone listening equipment for microseismic monitoring. The hydraulic fracture plan for well 2 has not been approved, hydraulic fracturing cannot commence on well 2 until this report is approved.

A specific site inspection was performed jointly with the Health & Safety Executive on the 19th April 2018, a record of this inspection can be found on CAR form referenced UP3431VF/0312305. This inspection was performed to assess the requirements of well integrity testing that apply to both wells.

A review of the well integrity report for well 1z has been recorded on CAR from referenced UP3431VF/0305532, our remit is described in this CAR from.

The document has been provided in compliance with the permit conditions stated above, the following comments provide a summary of the information reviewed.

The report explains how the permit condition has been complied with. In the document there is an error in the permit condition number where condition 2.2.3 should be condition 2.3.4. This does not change the validity of the information provided.

Pre-operational condition PO5 has a permit condition number error where condition 2.3.3 should be 2.3.4.

Permit condition 2.3.4 requires steps specified in the permit condition to be followed in the construction of the well. This condition references the notice given under Section 199 of the Water Resources Act 1991 prior to drilling the well. The report complies with the details submitted in this notice.

Confirmation has been provided that outlets from the injection borehole are within the bowland shale (target strata).


Confirmation has been provided that no part of the injection borehole is situated within 10 metres of a watercourse, or any other surface water; or within 200 metres of a designated site, or within 200 metres of a sensitive receptor.

The injection borehole is not located within a Source Protection Zone 1 or 50 metres of a well or borehole used for drinking water.

The report also provides as built drawings as required by pre-operational condition PO6. However, the report does not include the grid reference for the injection borehole location.

Section 2.2.4 of the waste management plan explains the process of well integrity testing and the steps to follow that include pressure testing, formation integrity testing, and/or cement bond logging using a wireline log, this confirms cementation integrity and demonstrates that the well has been constructed appropriately and integrity can be maintained during exploration activities.

The report under scrutiny in this review has followed section 2.2.4 of the operator's waste management plan.

 Environment Agency	EPR Compliance Assessment Report	Report ID: UP3431VF/0317878	
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Section 3- Enforcement Response		Only one of the boxes below should be ticked	
You must take immediate action to rectify any non-compliance and prevent repetition. Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.			
Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.			
In respect of the above non-compliance you have been issued with a warning. At present we do not intend to take further enforcement action. This does not preclude us from taking additional enforcement action if further relevant information comes to light or offences continue.			
We will now consider what enforcement action is appropriate and notify you, referencing this form.			

Section 4- Action(s)			
Where non-compliance has been detected and an enforcement response has been selected above, this section summarises the steps you need to take to return to compliance and also provides timescales for this to be done.			
Criteria Ref.	CCS Category	Action Required / Advised	Due Date
See Section 1 above			

Section 5 - Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- advise on corrective actions verbally or in writing
- require you to take specific actions in writing
- issue a notice
- require you to review your procedures or management system
- change some of the conditions of your permit
- decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you.

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.

- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and or suspension or revocation of the permit.

- A civil sanction Enforcement Undertaking (EU) offer may also be available to you as an alternative enforcement response for this/these offence(s).

See our Enforcement and Civil Sanctions guidance for further information

This report does not relieve the site operator of the responsibility to

- ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- ensure you comply with other legislative provisions which may apply.

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance which could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

Section 6 – General Information

Data protection notice

The information on this form will be processed by the Environment Agency to fulfill its regulatory and monitoring functions and to maintain the relevant public register(s). The Environment Agency may also use and/or disclose it in connection with:

- offering/providing you with its literature/services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resulting action
- preventing breaches of environmental law
- assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Information Regulations request.

The Environment Agency may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The Environment Agency will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within 28 days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with the officer's line managers. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 03708 506 506 (Mon to Fri 08.00–18.00) and ask for the Customer Contact team or send an email to enquiries@environment-agency.gov.uk. If you are still dissatisfied, you can make a complaint to the Ombudsman. For advice on how to complain to the [Parliamentary and Health Service Ombudsman](#) phone their helpline on 0345 015 4033.