



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	06/12/2018	Time in	10:30	Out	14:30
What parts of the permit were assessed	Operating Techniques - Flowback storage and sampling. Flaring				
Assessment	Site Inspection	EPR Activity:	Installation: X	Waste Op:	Water Discharge:
Recipient's name/position	HSE&P Manager				
Officer's name	EA Officers	Date issued	21/12/2018		

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	A
b) Infrastructure	1. Engineering for prevention & control of pollution	N
	2. Closure & decommissioning	NA
	3. Site drainage engineering (clean & foul)	N
	4. Containment of stored materials	A
	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	A
	3. Maintenance records	N
	4. Reporting & notification	N
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 was an unannounced inspection.

Hydraulic fracturing was not taking place at the time of the inspection. At the same time, the Environment Agency's Radioactive Substance Regulations (RSR) inspection was also on site. Please refer to I/181206/KB3395DE for the RSR inspection record.

Flowback

Stages 1 to 31 (1z) had been opened and the well was flowing back fracturing fluid. Flowback was being passed through the sand filter and separator before being sent to the frac farm tanks for re-use.

The frac farm tanks were inspected and two thirds contained flowback. All tanks were labelled appropriately. A demonstration of how the flowback will be sampled prior to sending it off site as a waste was provided by the operator. No flowback had been removed from site at the time of the inspection.

Surface water from different tanks was being removed from site by tankers to increase capacity in preparation for forecasted rainfall.

The detailed sampling plan for sampling waste flowback is being finalised. Since this inspection a copy of the sampling plan has been submitted and is now under review.

New Cellar

An area on site is being prepared for the installation of a new cellar prior to drilling Wells 3 and 4. The area had been cordoned off and the layers of gravel had been scraped back in preparation for the works to commence. The area was inspected and there were no breaches of the well pad liner. Standing water from recent rain was being transferred to the drainage ditch.

Since the inspection, the Environment Agency has been informed that the cellar for Wells 3 and 4 is no longer going to be installed imminently and the area is to be re-instated using the same as the original materials. Containment of the well pad liner had not been broken.

A1 - Flaring

The flare pilot lights, which ensure the flares are always ready to burn the natural gas returning from the well, on both flares were lit. No natural gas from the well was being burnt in the flares at the time of the inspection.

The flare register template was submitted to the Environment Agency by email on 22 November 2018 for approval in line with permit table S3.6. Please accept this CAR form as confirmation of approval of the template flare register.

A copy of the flare register was viewed which showed a record of when the flare was used in line with permit table S3.6.



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Operator/ Permit	Cuadrilla Bowland Limited	Date	06/12/2018

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

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

λ 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.

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

λ 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

- λ ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- λ 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:

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