



**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	02/03/2017		Time in	10:45	Out	12:30
What parts of the permit were assessed	Permitted activities					
Assessment	Site Inspection	EPR Activity:	Installation	X	Waste Op	Water Discharge
Recipient's name/position	X X X X X					
Officer's name	X X X X X		Date issued	07/04/2017		

**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	CCS Score	Condition(s) Breached
<b>a) Permitted activities</b>	1. Specified by permit	C3	2.1.1
<b>b) Infrastructure</b>	1. Engineering for prevention & control of pollution	A	
	2. Closure & decommissioning	N	
	3. Site drainage engineering (clean & foul)	N	
	4. Containment of stored materials	N	
	5. Plant and equipment	N	
<b>c) General management</b>	1. Staff competency/ training	N	
	2. Management system & operating procedures	A	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
<b>d) Incident management</b>	1. Site security	N	
	2. Accident, emergency & incident planning	N	
<b>e) Emissions</b>	1. Air	N	
	2. Land & Groundwater	N	
	3. Surface water	N	
	4. Sewer	N	
	5. Waste	N	
<b>f) Amenity</b>	1. Odour	N	
	2. Noise	N	
	3. Dust/fibres/particulates & litter	N	
	4. Pests, birds & scavengers	N	
	5. Deposits on road	N	
<b>g) Monitoring and records, maintenance and reporting</b>	1. Monitoring of emissions & environment	A	
	2. Records of activity, site diary, journal & events	N	
	3. Maintenance records	N	
	4. Reporting & notification	A	
<b>h) Resource efficiency</b>	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

<b>Number of breaches recorded</b>	1	<b>Total compliance score</b> (see section 5 for scoring scheme)	4
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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.

Two incidents involving the discharge of surface water containing silt into an unnamed tributary of Carr Bridge Brook downstream of the permitted installation have been recorded on this compliance assessment report.

The first incident that occurred on the 27th February was caused by a surface water management problem. A trial dewatering and treatment method for surface water from the well pad following heavy rainfall did not provide sufficient treatment to prevent silt entering this tributary. The trial used an excavated pit to allow the settlement of silt before passing through a bag filter, the filtered water then percolated through limestone before passing into the well pad header drain connected to a field drain.

This method of surface water treatment had ceased on site at the time of this inspection with the operator opting to contain surface water on the well pad.

The second discharge that occurred on the 2nd March at the time of this inspection was caused by an escape of surface water from the well pad that contained silt. The silt overwhelmed a low bund around the well pad and escaped into a header drain that collects surface water. A bag filter and straw bales had been used to treat surface water containing silt before discharging to a field drain.

A breach of permit condition 2.1.1, has been recorded for both incidents as the discharge of surface water containing silt to a tributary of Carr Bridge Brook is not permitted. Condition 2.1.1 requires the operator to only carry out the activities listed in Schedule 1, Table S1.1 of the permit.

A separate record has been included for a breach of Regulation 12(1)(b) of the Environmental Permitting Regulations 2016 which requires the operator to hold an environmental permit for this activity, namely a water discharge activity.

Samples collected on the 27th February and the 2nd March showed no deterioration in water quality when compared to samples collected upstream of the site, however an impact of discolouration to the watercourse was observed by inspectors on the 2nd March. Despite notification to the operator on the 27th February of surface water containing silt entering a tributary of Carr Bridge Brook a similar incident occurred on the 2nd March. A non compliance score of Category 3 has been recorded on this form which will affect your overall compliance performance.

At the time of these incidents the surface water management system was found to be inadequate and required improvement to prevent surface water containing silt from causing pollution. Since these incidents surface water containing silt has been retained on the well pad and removed from site via tanker while a medium term solution to treat surface water is developed and tested. This solution involves treatment using settlement and ph adjustment in a dedicated treatment system called a silt buster, the treated water is then discharge to ground.



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Operator/ Permit	Cuadrilla Bowland Limited	Date	02/03/2017

**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.	<input type="checkbox"/>
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.	<input checked="" type="checkbox"/>
We will now consider what enforcement action is appropriate and notify you, referencing this form.	<input type="checkbox"/>

**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			
A1	C3	Implementation of a well pad surface water management system to protect a local watercourse. Prevent surface water containing silt from entering watercourses.	N/A

## 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 <b>major</b> environmental effect	60
C2	A non-compliance which could have a <b>significant</b> environmental effect	31
C3	A non-compliance which could have a <b>minor</b> environmental effect	4
C4	A non-compliance which has <b>no</b> 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](mailto: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.