

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

Site	West Newton B Wellsite - EPR/WP3939RF			Permit Ref	DB3503HL		
Operator/ Permit holder	Rathlin Energy (UK) Limited						
Date	17/09/2020			Time in	10:50	Out	13:35
What parts of the permit were assessed	Well site construction and conductor setting						
Assessment	Audit	EPR Activity:	Installation	X	Waste Op	Water Discharge	
Recipient's name/position	redacted						
Officer's name	redacted			Date issued		25/09/2020	

### Section 1 - Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations (EPR). 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
a) Permitted activities	1. Specified by permit	A	
b) Infrastructure	1. Engineering for prevention & control of pollution	A	
	2. Closure & decommissioning	N	
	3. Site drainage engineering (clean & foul)	A	
	4. Containment of stored materials	A	
	5. Plant and equipment	A	
c) General management	1. Staff competency/ training	A	
	2. Management system & operating procedures	N	
	3. Materials acceptance	N	
	4. Storage handling, labelling, segregation	N	
d) Incident management	1. Site security	A	
	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

**MSA, MSB, TCM** = Management System condition A, Management System Condition B and Technically Competent Manager condition which are environmental permit conditions from Part 3 of schedule 9 EPR (see notes in Section 5/6).

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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.

Present: redacted

The objective of the inspection was to assess the well site construction against the specification set out in the Rathlin site condition report reference RE-EPRA-WNB-SCR-006 and required by the permit (Condition 2.3.1, Table S1.2). The aspects inspected were compliant.

### Site inspection

The site has been constructed with an inner 'active area' containing the well pad, and an outer 'non-active area' containing offices, car parking and welfare facilities.

The active area is surrounded by a perimeter containment ditch and overlain with a non-woven geotextile, a HDPE membrane, a second non-woven geotextile and a stone aggregate surface (Photograph 1). The active area perimeter containment ditch on the north, east and south boundaries is backfilled with twin walled perforated plastic pipe and aggregate, and the ditch on the west boundary is open. The well site design initially proposed included open sections of containment ditch on both the north and west boundaries, but a design change was agreed by the EA 09/04/2020 (CAR form reference WP3939RF/0366562).

The site surface water outfall from the active area perimeter containment ditch has been constructed with an isolation valve, hydrobrake chamber, bypass interceptor (oil/water separator), a second isolation valve, and a flow metering pit. Discharge of surface water is authorised by the permit only when no activities are taking place on site.

A reinforced concrete well pad with two 3m diameter drilling cellars has been constructed in the approximate centre of the active area. A steel conductor casing was present within one of the cellars (WNB-1) and the cellar had been filled with water for a leakage 'drop test'.

The active area has a soil screening bund on the north and east boundaries and is separated from the non-active area by an inner timber fence. Groundwater monitoring boreholes are located at the south west and north east corners of the active area. The whole site perimeter is surrounded by 3m high palisade fencing.

### Inspection of construction records

CLS West Newton B well site operating and maintenance manual (Construction O&M manual) version 1 was inspected. The document includes the well site design scope, materials specification and testing certificates, as built construction drawings and construction photographic records.

Terra Consult validation letter reference: 5043-R1-1 dated 16th September 2020 in relation to the West Newton B site construction and lining engineering was inspected. The document records the third party supervision of construction activities by a CQA Engineer and CQA Inspector, and provides certification that works were carried out within the design scope.

The extent of the CQA work was recorded as follows: Inspection of the existing subgrade, Installation of a lower geotextile, installation of a HDPE FML (high density polyethylene flexible membrane liner) panels with connection along the perimeter to the existing geomembrane, FML sealing around the 2no. cellar well chamber external walls, Inspection of the HDPE FML for surface and penetrating damage, Repairs to and testing of any damaged FML, Installation of an upper geotextile and geogrid layer, and Replacement of the

cover material protection layer.

The following information was present as appendices: Installation crew accreditation, manufacturers Q.C data, subgrade approval records, trial seam records, deployment and testing records, defects and repair records for the HDPE FML, manufacturers Q.C data, subgrade approval records, roll deployment records for upper and lower geotextile, and photographic records.

Records relating to the well cellar integrity drop tests were inspected. Document ZET/CON/SITC/REWNB1/001 dated 12th August 2020 relates to the WNB-1 cellar. Document ZET/CON/SITC/REWNB2/001 dated 13th August 2020 relates to the WNB-2 cellar. The documents describe how each drop test was carried out and record cellar integrity as confirmed.

#### Inspection of records relating to conductor installation

Daily operation reports for conductor installation operations were inspected and assessed against the requirements of the WR11 notification for the WNB-1 well. The aspects inspected were compliant.

<b>WNB-1 WR11 supporting statement RE-SD-WNB-EA-WR11-002 Rev1 requirement</b>	<b>Documents inspected</b>	<b>Findings and notes</b>
<b>Surface conductor (0-80 TVD KB)</b>		
Section 5.1 page 8 The top section will be drilled to a depth of approximately 80m TVD KB.	Daily operation report – Conductor installation operations for 09.09.20 (report no.24) and 17.08.20 (report no. 1)	Cellar base at 2.9m BGL. Current depth 74.0m BGL.
Section 5.1 page 8 A 28" (711.2 mm) hole shall be drilled and 20" (508mm) conductor casing will be run and cemented to surface.	Daily operation report – Conductor installation operations for 09.09.20 (report no.24), 08.09.20 (report no. 23) 03.09.20 (report no. 18) 02.09.20 (report no. 17) and 17.08.20 (report no. 1)	20" conductor casing installed to 72.9 BGL. 20" conductor casing cemented to surface. Formation tops: Boulder clay – surface (tvdss - 12.8m), Flamborough chalk 52.0 (MDBGL) (tvdss - 39.2m)

<b>Abbreviations</b>	
CQA	Construction quality assurance
EA	Environment Agency
FML	Flexible membrane liner
HDPE	High density polyethylene
MDBGL	measured depth below ground level
Q.C	Quality control
TVD KB	true vertical depth below kelly bushing
tvdss	true vertical depth sub sea
WNB	West Newton B

Photograph 1



### 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.

*\*Non-compliance with MSA, MSB & TCM do not constitute an offence but can result in the service of a compliance, suspension and/or revocation notice.*

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**

*\*A breach of permit condition **MSA**, **MSB** & **TCM** is not an offence but may result in the service of a notice requiring compliance and/or suspension or revocation of the permit.*

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.

**MSA, MSB & TCM are conditions inserted into certain permits by Schedule 9 Part 3 EPR**

**MSA** requires operators to manage and operate in accordance with a written management system that identifies and minimises risks of pollution.

**MSB** requires that the management system must be reviewed, kept up-to-date and a written record kept of this.

**TCM** requires the submission of technical competence information.

## 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?

You must notify your local officer within 28 days of receipt if, you wish to challenge any part of 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.