

**Michael Elkington**  
Strategic Planning Manager

Please respond to Chris Bartlett  
Tel: 0330 2226 946  
email: [chris.bartlett@westsussex.gov.uk](mailto:chris.bartlett@westsussex.gov.uk)

[www.westsussex.gov.uk](http://www.westsussex.gov.uk)

**County Planning**

County Hall  
Chichester  
West Sussex  
PO19 1RH

Tel: 01243 777 100



29<sup>th</sup> August 2018

Mr Mark Oldridge,  
Mineral Surveying Services Ltd,  
20 Saddlers Close,  
Glenfield,  
Leicester,  
LE3 8QU

By email only to ([oldridgemark@gmail.com](mailto:oldridgemark@gmail.com))

Dear Mr Oldridge,

**Description of Development:** Temporary permission for exploration and appraisal comprising the flow testing and monitoring of the existing hydrocarbon lateral borehole along with site security fencing, the provision of an enclosed testing flare and site restoration

**Location of Development:** Lower Stumble Hydrocarbon Exploration Site, London Road, Balcombe, Haywards Heath, West Sussex, RH17 6JH

**Planning Permission Ref:** WSCC/040/17/BA

Thank you for your recent application regarding the above and the information submitted in respect of the planning conditions for the above development.

The Council has considered your application and I am now able to inform you that:

- (1) The submitted details for condition 7 (Pollution Prevention) are acceptable and the condition is now discharged.
- (2) The submitted details for condition 8 (Surface Water Drainage Scheme) are acceptable and the condition is now discharged.
- (3) The submitted details for condition 9 (Foul Water Drainage Scheme) are acceptable and the condition is now discharged.
- (4) The submitted details for condition 10 (Lighting Strategy) is acceptable and the condition is part discharged. Further submission of information is required covering part c) of condition 10 once the lighting has been installed.
- (5) The submitted details for condition 11 (Traffic Management Plan) are acceptable and the condition is now discharged.
- (6) The submitted details for condition 15 (Noise Management Plan) are acceptable and the condition is now discharged.
- (7) The submitted details for condition 17 (Bat Monitoring) is acceptable and the condition can be part discharged. Further submission of reports is required once the permission has been implemented.
- (8) The submitted details for condition 18 (Restoration) are acceptable and the condition is now discharged.

(9) The submitted details for condition 19 (Additional Security Measures) are acceptable and the condition is now discharged.

I have emailed you separately concerning further details/information for condition 21 (Community Liaison Group) and discussions are still on-going regarding the Terms of Reference for this condition.

Please retain a copy of this letter/email with the Decision Notice and approved details for future reference.

Planning application details can be accessed via the Council's website using the application reference

number: <http://buildings.westsussex.gov.uk/ePlanningOPS/searchPageLoad.do>

Copies of approved conditional information for the application can be found in the 'post decision' folder.

Please note that condition 3 (Notification of Works) and condition 20 (Workover Rig) are still required to be discharged prior to the commencement of development. In addition, condition 14 (Noise Monitoring) requires noise levels to be continuously monitored from the date of the commencement of development, with the results submitted to the Minerals Planning Authority on a weekly basis.

In addition, and as mentioned above, conditions 10 (Lighting Strategy) and 17 (Bat Monitoring) also require further details before they can be fully discharged.

Yours sincerely

Chris Bartlett  
Principal Planner

Application for approval of details reserved by condition.  
Town and Country Planning Act 1990  
Planning (Listed Buildings and Conservation Areas) Act 1990

**Publication of applications on planning authority websites.**

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website.  
If you require any further clarification, please contact the Authority's planning department.

**1. Applicant Name, Address and Contact Details**

Title:	<input type="text"/>	First Name:	<input type="text"/>	Surname:	<input type="text" value="Angus Energy PLC"/>
Company name:	<input type="text" value="Angus Energy PLC"/>				
Street address:	<input type="text" value="Building No. 3 Chiswick Business Pk"/>				
	<input type="text" value="566 Chiswick High Street"/>				
	<input type="text"/>				
Telephone number:	<input type="text" value="02088996380"/>				
Mobile number:	<input type="text"/>				
Town/City:	<input type="text" value="London"/>				
Fax number:	<input type="text"/>				
Country:	<input type="text"/>				
Email address:	<input type="text"/>				
Postcode:	<input type="text" value="W4 5YA"/>				
Are you an agent acting on behalf of the applicant?					
<input checked="" type="radio"/> Yes <input type="radio"/> No					

**2. Agent Name, Address and Contact Details**

Title:	<input type="text" value="Mr"/>	First Name:	<input type="text" value="Mark"/>	Surname:	<input type="text" value="Oldridge"/>
Company name:	<input type="text" value="Mineral Surveying Services Limited"/>				
Street address:	<input type="text" value="20 Saddlers Close"/>				
	<input type="text" value="Glenfield"/>				
	<input type="text"/>				
Telephone number:	<input type="text"/>				
Mobile number:	<input type="text"/>				
Town/City:	<input type="text" value="Leicester"/>				
Fax number:	<input type="text"/>				
Country:	<input type="text" value="Leicestershire"/>				
Email address:	<input type="text"/>				
Postcode:	<input type="text" value="LE3 8QU"/>				
	<input type="text" value="oldridgemark@gmail.com"/>				

### 3. Site Address Details

Full postal address of the site (including full postcode where available)

House:  Suffix:

House name:

Street address:

Town/City:

Postcode:

Description of location or a grid reference  
(must be completed if postcode is not known):

Easting:

Northing:

Description:

Temporary permission for exploration and appraisal comprising the flow testing and monitoring of the existing hydrocarbon lateral borehole along with site security fencing, the provision of an enclosed flare and site restoration.

### 4. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

Yes  No

If Yes, please complete the following information about the advice you were given (this will help the authority to deal with this application more efficiently):

Officer name:

Title:  First name:  Surname:

Reference:

Date (DD/MM/YYYY):  (Must be pre-application submission)

Details of the pre-application advice received:

### 5. Description of the Proposal

Please provide a description of the approved development as shown on the decision letter:

Temporary permission for exploration and appraisal comprising the flow testing and monitoring of the existing hydrocarbon lateral borehole along with site security fencing, the provision of an enclosed flare and site restoration.

Application reference number:

Date of decision:

Please state the condition number(s) to which this application relates:

Condition number(s):

Has the development already started?  Yes  No

### 6. Discharge of Condition(s)

Please provide a full description and/or list of the materials/details that are being submitted for approval:

Condition 7 Pollution Prevention, Condition 8 Surface Water Drainage, Condition 9 Foul Water Drainage, Condition 10 Lighting Strategy, Condition 11 Traffic Management Plan, Condition 15 Noise Management Plan, Condition 17 Bat Monitoring, Condition 18 Restoration, Condition 19 Additional Security Measures and Condition 21 Liaison Group.

### 7. Part Discharge of Condition(s)

Are you seeking to discharge only part of a condition?

Yes  No

### 8. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

Yes  No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? (Please select only one)

The agent  The applicant  Other person

### 9. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.



Date

22/05/2018





Angus Energy Plc

# Balcombe 2z Hydrocarbon Well Testing

Planning Permission Ref: WSCC/040/17/BA

Discharge of Planning Condition 8

P661913

AUGUST 2018

**RSK**



## RSK GENERAL NOTES

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**Project No.:** P661913



**Title:** Balcombe 2z Hydrocarbon Well Testing: Discharge of Planning Conditions 8


**Client:** Angus Energy Plc

**Date:** 10<sup>th</sup> August 2018

**Office:** Helsby

**Status:** Rev06

<b>Author</b>	<u>David Johnson</u>	<b>Technical reviewer</b>	<u>Wendy Hogben</u>
Signature		Signature	
Date:	<u>10/08/2018</u>	Date:	<u>10/08/2018</u>

<b>Project manager</b>	<u>David Johnson</u>
Signature	
Date:	<u>10/08/2018</u>

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Where any data supplied by the client or from other sources have been used, it has been assumed that the information is correct. No responsibility can be accepted by RSK for inaccuracies in the data supplied by any other party. The conclusions and recommendations in this report are based on the assumption that all relevant information has been supplied by those bodies from whom it was requested.

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Where field investigations have been carried out, these have been restricted to a level of detail required to achieve the stated objectives of the work.

This work has been undertaken in accordance with the quality management system of RSK Environment Ltd.

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# 1 INTRODUCTION

Angus Energy Plc is seeking to discharge a number of planning conditions in relation to the exploration and appraisal of the existing hydrocarbon lateral borehole at Lower Stumble Hydrocarbon Exploration Site, London Road, Balcombe, Haywards Heath, West Sussex, RH17 6JH.

Planning permission for the works (Ref: WSCC/040/17/BA) was received from West Sussex County Council on 27th October 2017.

This report provides information to discharge Planning Condition 8: Surface Water Drainage Scheme.

**Table 1-1: Planning Condition to be Discharged**

Planning Condition Number	Planning Condition
8	<p>Development shall not begin until a scheme of surface water drainage has been submitted to and approved in writing by the Minerals Planning Authority. Details shall include:</p> <ul style="list-style-type: none"> <li>• Design for 1:100 year return period.</li> <li>• Inclusion of 30% peak run-off and 20% additional volume for climate change.</li> <li>• Infiltration rates and groundwater levels shall be determined by site investigation and/or testing during the winter period</li> <li>• Inclusion of a suitable freeboard above the seasonal high groundwater table (minimum 1m unless otherwise agreed by the Minerals Planning Authority's engineers).</li> <li>• Consideration of overland flows (pluvial impact).</li> <li>• Evidence of agreement with the Local Water Authority.</li> <li>• Assessment of pollution control measures.</li> </ul> <p>The approved scheme shall thereafter be implemented in full and maintained throughout the duration of the development.</p>

This document has been prepared by RSK Environment Ltd on behalf of Angus Energy Plc.

## 2 **CONDITION 8: SURFACE WATER DRAINAGE SCHEME**

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### 2.1 **Action to Discharge Condition**

An assessment of flood risk and drainage was undertaken as part of the 2017 planning application (WSCC/040/17/BA), which also referenced previously submitted documentation in support of the 2013 planning application (WSCC/063/13/BA). A new surface water drainage scheme has been now been developed for the project.

#### 2.1.1 **Site Drainage**

ANGS are committed to continuous improvement of environmental performance and management and the prevention of pollution from activities they undertake. The ANGS management team alongside a number of consultants inspected the Balcombe well site and the existing containment infrastructure and have made an informed decision to install new containment infrastructure prior to the well test operation. ANGS will comply with all applicable legislation, industry guidelines and, as far as practicable, accepted best practice in environmental management.

An impermeable membrane will be installed measuring approximately 62.5 x 40m. A perimeter bund (height 300mm) from used railway sleepers (2 x railway sleepers at 150mm height) will be laid and protective geotextile 300g/m<sup>2</sup> shall be laid on top of the stone surface area within the bund.

A fully welded 1.0mm textured HDPE membrane will be laid on top of the geotextile area and fixed to the top of sleepers. The HDPE membrane is textured to prevent slippage. A further 300g/m<sup>2</sup> protective geotextile over HDPE area has been fixed to the perimeter sleepers.

An access ramp in/out of the area in timber/stone will be installed. To protect the HDPE membrane further, 100mm thick rig mats (5m x 1m) will be provided to the entire area excluding 3m x 3m for the cellar.

The fuel tank will be double skinned (secondary containment) in line with the Oil Storage Regulations. Chemicals are stored in containers containing drip trays. Any oils, diesels, chemicals in use shall be stored on drip trays.

The concrete slab has Aco drains flowing into the cellar forming a sealed impermeable area. The surface water from the pad will be directed into the cellar and be disposed of off-site via a suction tanker to a waste water treatment works.

Surface water and water used in the well test operation on the 15m x 14m pad will be contained within the site and removed as necessary by tanker ensuring no offsite discharges from this area.

The impermeable membrane will be designed to accommodate the 1 in 100 year rainfall event, plus a 30% increase in rainfall resulting from climate change.

Based on the surface area of the impermeable membrane (62.5m x 40m), an increase in impermeable area at the site of 2, 500m<sup>2</sup> is anticipated. The impermeable membrane

and perimeter bund ensures that no surface water runoff from the pad area is discharged to the surrounding water environment or to the ground.

The volume surface water from the impermeable membrane will be attenuated in storage tanks, with freeboard provided through the incorporation of the perimeter bund. To enable the storage of the surface water runoff from the site during a 1 in 100 year (plus 30% climate change event), perimeter bunds of a nominal height of 300mm should be installed. The total capacity of the bunded area in line with the above is 750m<sup>3</sup>.

Based on the specifications noted above, a maximum attenuated storage capacity of 475m<sup>3</sup> is to be provided in storage tanks, sufficiently accommodating the 1 in 100 year plus climate change volume of 466m<sup>3</sup>. (based on a CV of 1.0 as requested by West Sussex Council) The remaining capacity in the bunded area as noted above, provides a measure of freeboard for further events.

The above calculations assumes that all surface water falling during a 1 in 100 year event (including a climate change factor) on the impermeable membrane is retained on site prior to recycling or removal from the site via suction tanker, and as such does not have a discharge rate attributed to the area.

Calculations to support the drainage strategy are included in Appendix 1.

The remainder of the site compound (measuring approximately 90m x 55m) will continue to infiltrate into the underlying strata, albeit at a reduced rate due to the compacted stone laid to facilitate vehicle movements and site activity. Infiltration rates will be confirmed though on site investigation.

A French drain runs along the site compound perimeter. An oil interceptor has been built into the drainage system along with a sump. A 150mm butterfly valve system is in place to prevent discharge from the site. The valve is accessible from a manhole cover situated adjacent to the oil interceptor. The valve will be shut during the operational phase of work and any excess water tankered offsite.

Whilst the site is not operational the overflow outlet pipe from the perimeter French drain discharges via a trickle flow to the watercourse approximately 60m to the southeast of the site.

The Site HSE Advisor will visually inspect the butterfly valve on a daily basis during drilling and well testing. No discharges are allowed from the oil interceptor at any time.

There will be no discharge to local watercourses from the pad area and no silting will arise as a result of the on-site exploratory operations.

## **2.1.2 Flood Risk**

### *2.1.2.1 Fluvial Flood Risk*

The site of the pad and the access track from London Road are located within the Environment Agency (EA) Flood Zone 1. This is the low risk flood zone considered to have a less than 1 in 1000 year (i.e. a probability of less than 0.1%) chance of flooding from rivers or streams.

#### *2.1.2.2 Surface Water (Pluvial) Flood Risk*

According to Environment Agency data, the majority of the site is shown to be at a very low risk from surface water flooding. Two isolated areas of 'low' and 'low to medium' risk are shown adjacent to the southeast and southwest site boundary respectively.

The site is located within an area considered by the Strategic Flood Risk Assessment (SFRA) prepared by West Sussex County Council to have a low to medium risk of flooding from surface water flows.

#### *2.1.2.3 Groundwater Flood Risk*

The site is located within an area that is considered to be potentially at medium risk of flooding from groundwater flooding according to Flood Map G of the SFRA prepared by West Sussex County Council (2010). However, given the underlying geology, and as the site is on ground that is locally elevated above the valley floor and outside of the fluvial floodplain (considered indicative of potentially worst case groundwater flooding potential), it is concluded to be at low risk from this source of flooding.

#### *2.1.2.4 Conclusion*


Given the site setting within the local topography of the surrounding land, the site is not considered to be at risk from surface water (overland flow) flooding and therefore no site-specific flood risk mitigation measures are recommended.

### **2.1.3 Summary**

It is considered that the above information provides sufficient reassurance that the proposed surface water drainage installation at the site is appropriate and sufficient, and that further design and assessment is not required.

# APPENDIX 1: MICRODRAINAGE CALCULATIONS

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RSK LDE Ltd		Page 1
18 Frogmore Road Hemel Hempstead Herts, HP3 9RT	Balcombe 2z Hydrocarbon Well Testing 100 (+30%) storage	
Date 15.05.18 File Runoff rates 100 ...	Designed By KJ Checked By	
Elstree Computing Ltd		Source Control W.12.5

Summary of Results for 100 year Return Period (+30%)

Outflow is too low. Design is unsatisfactory.

Storm Event	Max Level (m)	Max Depth (m)	Max Volume (m <sup>3</sup> )	Status
15 min Summer	98.160	0.160	75.2	O K
30 min Summer	98.217	0.217	101.9	O K
60 min Summer	98.280	0.280	131.7	O K
120 min Summer	98.349	0.349	163.8	O K
180 min Summer	98.389	0.389	183.0	O K
240 min Summer	98.419	0.419	196.8	O K
360 min Summer	98.464	0.464	218.2	O K
480 min Summer	98.499	0.499	234.3	O K
600 min Summer	98.526	0.526	247.4	O K
720 min Summer	98.550	0.550	258.5	O K
960 min Summer	98.589	0.589	276.8	O K
1440 min Summer	98.647	0.647	304.1	O K
2160 min Summer	98.709	0.709	333.3	O K
2880 min Summer	98.756	0.756	355.1	O K
4320 min Summer	98.825	0.825	387.6	O K
5760 min Summer	98.878	0.878	412.5	O K
7200 min Summer	98.922	0.922	433.2	O K
8640 min Summer	98.959	0.959	450.9	O K

Storm Event	Rain (mm/hr)	Time-Peak (mins)
15 min Summer	120.318	27
30 min Summer	81.509	42
60 min Summer	52.662	72
120 min Summer	32.767	132
180 min Summer	24.403	192
240 min Summer	19.681	252
360 min Summer	14.546	372
480 min Summer	11.717	492
600 min Summer	9.898	612
720 min Summer	8.618	732
960 min Summer	6.920	972
1440 min Summer	5.068	1452
2160 min Summer	3.703	2172
2880 min Summer	2.959	2892
4320 min Summer	2.154	4332
5760 min Summer	1.719	5776
7200 min Summer	1.444	7216
8640 min Summer	1.252	8656



18 Frogmore Road  
Hemel Hempstead  
Herts, HP3 9RT

Balcombe 2z Hydrocarbon  
Well Testing  
100 (+30%) storage



Date 15.05.18  
File Runoff rates 100 ...

Designed By KJ  
Checked By

Elstree Computing Ltd

Source Control W.12.5

Summary of Results for 100 year Return Period (+30%)

Storm Event	Max Level (m)	Max Depth (m)	Max Volume (m <sup>3</sup> )	Status
10080 min Summer	98.992	0.992	466.5	O K
15 min Winter	98.160	0.160	75.2	O K
30 min Winter	98.217	0.217	101.9	O K
60 min Winter	98.280	0.280	131.7	O K
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4320 min Winter	98.825	0.825	387.6	O K
5760 min Winter	98.878	0.878	412.5	O K
7200 min Winter	98.922	0.922	433.2	O K
8640 min Winter	98.959	0.959	450.9	O K

Storm Event	Rain (mm/hr)	Time-Peak (mins)
10080 min Summer	1.111	10096
15 min Winter	120.318	27
30 min Winter	81.509	42
60 min Winter	52.662	72
120 min Winter	32.767	132
180 min Winter	24.403	192
240 min Winter	19.681	252
360 min Winter	14.546	372
480 min Winter	11.717	492
600 min Winter	9.898	612
720 min Winter	8.618	732
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4320 min Winter	2.154	4332
5760 min Winter	1.719	5776
7200 min Winter	1.444	7216
8640 min Winter	1.252	8656

18 Frogmore Road  
Hemel Hempstead  
Herts, HP3 9RT

Balcombe 2z Hydrocarbon  
Well Testing  
100 (+30%) storage



Date 15.05.18  
File Runoff rates 100 ...

Designed By KJ  
Checked By

Elstree Computing Ltd

Source Control W.12.5

Summary of Results for 100 year Return Period (+30%)

Storm Event	Max Level (m)	Max Depth (m)	Max Volume (m <sup>3</sup> )	Status
10080 min Winter	98.992	0.992	466.5	O K

Storm Event	Rain (mm/hr)	Time-Peak (mins)
10080 min Winter	1.111	10096

18 Frogmore Road  
Hemel Hempstead  
Herts, HP3 9RT

Balcombe 2z Hydrocarbon  
Well Testing  
100 (+30%) storage



Date 15.05.18  
File Runoff rates 100 ...

Designed By KJ  
Checked By

Elstree Computing Ltd

Source Control W.12.5

Rainfall Details

Rainfall Model	FSR	Winter Storms	Yes
Return Period (years)	100	Cv (Summer)	1.000
Region	England and Wales	Cv (Winter)	1.000
M5-60 (mm)	20.000	Shortest Storm (mins)	15
Ratio R	0.333	Longest Storm (mins)	10080
Summer Storms	Yes	Climate Change %	+30

Time / Area Diagram

Total Area (ha) 0.250

<b>Time (mins)</b>	<b>Area (ha)</b>	<b>Time (mins)</b>	<b>Area (ha)</b>	<b>Time (mins)</b>	<b>Area (ha)</b>
0-4	0.083	4-8	0.083	8-12	0.083

18 Frogmore Road  
Hemel Hempstead  
Herts, HP3 9RT

Balcombe 2z Hydrocarbon  
Well Testing  
100 (+30%) storage



Date 15.05.18  
File Runoff rates 100 ...

Designed By KJ  
Checked By

Elstree Computing Ltd

Source Control W.12.5

Model Details

Storage is Online Cover Level (m) 100.000

Tank or Pond Structure

Invert Level (m) 98.000

Depth (m)	Area (m <sup>2</sup> )	Depth (m)	Area (m <sup>2</sup> )	Depth (m)	Area (m <sup>2</sup> )
0.000	470.0	1.000	470.0	1.001	0.0

**OUR REFERENCE:**

HSF-04-U-BAL-2z-RP-002

**PREPARED BY:**

Mr Stuart Sinclair  
MSc (Eng.) BSc  
PRINCE2 PRac, Lead Auditor

**TITLE:**

Principal Consultant

**REVISION:**

1



# Balcombe 2z Hydrocarbon Well Test Discharge of Planning Condition 9


Delivering Excellence in the Onshore Oil & Gas Sector

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	Applies To: Angus Energy	HSF-04-U-BAL-2Z-RP-002
Prepared By: Stuart Sinclair	Uncontrolled, If Printed	Rev: 1

BALCOMBE – PRE-CONDITION 9

DOCUMENT REVIEW STATUS & APPROVAL					
DATE	ISSUE No.	PAGE/SECTION REVISED	PURPOSE FOR REVISION	NEW REV No.	SIGNED
11/05/2018	0	New Issue	Original	0	<i>Stuart Sinclair</i>
14/05/2018	0	All Pages	QA/QC	1	<i>Dr Hannah Wilson</i>
14/05/2018	0	All Pages	Document Checker	1	
14/05/2018	0	All Page	Document Approver	1	

Prepared By:	Checked By:	Approved By:	Issued:
Stuart Sinclair	Paul Vonk	Jonathan Tidswell	14/05/2018



	Applies To: Angus Energy	HSF-04-U-BAL-2Z-RP-002
Prepared By: Stuart Sinclair	Uncontrolled, If Printed	Rev: 1

BALCOMBE – PRE-CONDITION 9

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Prepared By:	Checked By:	Approved By:	Issued:
Stuart Sinclair	Paul Vonk	Jonathan Tidswell	14/05/2018

	Applies To: Angus Energy	HSF-04-U-BAL-2Z-RP-002
Prepared By: Stuart Sinclair	Uncontrolled, If Printed	Rev: 1

BALCOMBE – PRE-CONDITION 9

DISTRIBUTION LIST					
DATE	NAME	ISSUED TO	POSITION	N°	TYPE
14/05/2018	Master Copy – Server			1	D
14/05/2018	Master Copy – Printed			1	P
14/05/2018	Jonathan Tidswell	Angus Energy Plc	Executive Chairman	1	D
14/05/2018	Paul Vonk	Angus Energy Plc	Managing Director	1	D
14/05/2018	Andrew Hollis	Angus Energy Plc	Chief Technical Officer	1	D
14/05/2018	Stuart Sinclair	Angus Energy Plc	QHSE/Operations Manager	1	D
14/05/2018	Chris Clay	Angus Energy Plc	Senior Well Test Engineer	1	D
14/05/2018	Peter Eadsforth	Angus Energy Plc	Asset Manager	1	D
14/05/2018	Carlos Fernandes	Angus Energy Plc	Chief Financial Officer	1	D
14/05/2018	Tim Hussain	Angus Energy Plc	Environmental Permits	1	D
14/05/2018	Freddie Holt	Angus Energy Plc	Geoscientist	1	D
14/05/2018	Dr Hannah Wilson	HSF Services	Quality Manager	1	D
14/05/2018	Andrew Newby	HSF Services	QA/QC Advisor	1	D

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14/05/2018	Trevor Dodd	HSF Services	ISO Systems Manager	1	D
14/05/2018	Chris Bartlett	WSCC	Planning Officer	1	D

Note: D refers to Digital-computer copy & P refers to a Printed copy.

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## 1. INTRODUCTION


Angus Energy Weald Basin No. 3 Ltd (hereafter "ANGS") an approved OGA Operator is seeking to discharge a number of planning conditions in relation to the exploration and appraisal of the existing hydrocarbon lateral borehole at Lower Stumble Hydrocarbon Exploration Site, London Road, Balcombe, Haywards Heath, West Sussex, RH17 6JH.

Planning permission was granted by the West Sussex County Council on the 27<sup>th</sup> October 2017 (Ref: WSCC/040/17/BA).

This supporting statement aims to discharge Planning Condition No. 9 foul water drainage scheme for the duration of the well test period.

PLANNING CONDITION NUMBER	PLANNING CONDITION DETAILS
9	Development shall not begin until a scheme of foul water drainage has been submitted to and approved in writing by the Minerals Planning Authority. The approved scheme shall thereafter be implemented in full and maintained throughout the duration of the development.

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## 2. CONDITION 9: FOUL WATER DRAINAGE SCHEME

PLANNING CONDITION NUMBER	PLANNING CONDITION DETAILS
9	Development shall not begin until a scheme of foul water drainage has been submitted to and approved in writing by the Minerals Planning Authority. The approved scheme shall thereafter be implemented in full and maintained throughout the duration of the development.

### 2.1 ACTION TO DISCHARGE CONDITION

The purpose of this supporting statement is to outline Angus Energy Weald Basin No. 3 Ltd (hereafter "ANGS") an approved OGA Operator's management arrangements for foul water drainage in response to pre-condition No. 9 under application No: WSCC/040/17/BA.


ANGS shall hire portaloos and welfare cabins from an approved supplier for the duration of the programme of work. The portaloos and welfare cabins are designed to be durable and robust as well as being easy to clean and maintain. The portaloos and welfare cabins shall be plumbed into the wellsite's mains water and generator system and commissioned onsite by a competent person. The portaloos shall be linked together to create a seamless integrated facility for both males and females.

The portaloos and welfare cabins shall be fitted with high-quality sinks & taps, with hot and cold running water, full-flushing toilets and lighting for the working hours onsite. Maintaining good levels of housekeeping onsite is a strict ANGS Site Rule. The portaloos and welfare cabins shall be visited, inspected and cleaned on a daily basis to maintain good levels of cleanliness and hygiene.

The domestic sewage waste from toilets, sinks, basins, washing machine, tumble dryer and shower unit shall be stored in self-contained tanks and these shall be emptied and disposed of using a registered and approved waste contractor. The vacuum tanker shall be called upon on an as-and-when required basis to ensure the portaloos and welfare

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cabins are kept in good working order for the requirement of the project. The waste contractor's operational team are fully trained professionals, who conform to industry codes of best practice.

The waste contractor shall transport and dispose the waste to a licensed sewage treatment facility. Every transfer of waste between ANGS and the waste contractor shall be covered by a Waste Transfer Note (WTN) as specified under the Waste (England and Wales) Regulations 2001 and subsequent amendments in 2012 and 2014. ANGS shall make these WTN available to any internal or external interested party and these records shall be kept and maintained by ANGS for at least two years.

ANGS shall ensure that the facilities required for the programme of work are sufficient and suitable, adequately ventilated and lit and kept in a clean and orderly condition. ANGS shall fully comply with the legal obligations as outlined under the Workplace (Health, Safety and Welfare) Regulation 1992 and associated primary and secondary legislation.

Utilising temporary portaloos and welfare cabins onsite is considered the most appropriate and suitable method due to the duration of the programme of work. The portaloos and welfare cabins shall be shown clearly on wellsite layout drawings. The portaloos and welfare cabins shall be situated in pedestrian areas onsite and outside the working area.

The proposed scheme shall be implemented in full and maintained throughout the duration of the project in compliance with West Sussex County Council pre-condition.

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