

Application form for deployment of mobile plant for land and/or groundwater remediation



The Environmental Permitting (England and Wales) Regulations 2016

Please read through the MPP2 guidance notes before filling this form in.

This form may only be used for deployments for land and/or groundwater remediation activities where the operator holds a permit referring to:

- SR2008 No27 Mobile plant for the treatment of soils and contaminated material, substances or products; or
- Bespoke treatments for land and groundwater remediation.

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Section A: About your permit

A1 Your permit details

A1.1 Permit under which this deployment is taking place

Please specify the type of permit and the permit number (EPR number) that you will operate under. If you have more than one permit, you will need to specify which set of permit conditions you would like us to use to make our determination. Note: you can only select one permit type.

- ☒ SR2008 No27 Mobile plant for the treatment of soils and contaminated material, substances, or products.

Permit number: AB3601FD

- ☐ Bespoke permit for land and groundwater remediation.

Permit number:

A1.2 Name and address of permit holder (operator)

Name of the operator: Adler & Allan Ltd

Address 1: Units 2 & 3 Hillcrest Avenue

Address 2: Carlisle

Address 3: Cumbria

Post Code: CA1 2QJ

Section B: Deployment details

B1 Contact information

B1.1 Who can we talk to regarding this deployment application?

Name of contact: Nathan Male

Organisation: OHES Environmental Ltd

Address 1: The Dairy

Address 2: Wassage Way

Address 3: Hampton Lovett Industrial Estate

Post Code: WR9 0NX

Phone Number(s) Office: 01905 794351

Mobile: 07879630850

Email: nathan.male@ohes.co.uk

B1.2 What is your preferred method of correspondence?

☒ Email; or

☐ Phone

B2 Consultations before your deployment application

**B2.1 Have we been consulted on your Conceptual Site Model/Risk Assessment/
Remediation Strategy?**

☒ Yes – please provide reference number and name of officer who was consulted.

☐ No

Consultation Reference: PAN-009306 / EPR/AB3601FD

Officer: Leuan Davies

B2.2 Have there been any changes to your proposal since its consultation?

R Yes - please provide details of the changes below. If your proposal has changed, this may require further assessment and may extend the determination time.

R No

☐ N/A

It is proposed that the current LNAPL recovery work will be supplemented by injection of proprietary agents designed to enhance LNAPL recovery and oxidise dissolved phase organic contamination in groundwater. The current system deployed at the site was detailed in our previous application referenced PAN-009306 / EPR/AB3601FD. This system will remain on site and be operational during the proposed injection works. A detailed description of the proposed works is given in the document referenced R0022.NM26-06-20.13661.ELR_Llandysul attached to this application.

B2.3 If you have not received any planning or pre-application advice, would you like this application to be assessed without having remediation targets pre-agreed by us?

Please note it is your responsibility to ensure remediation has been completed to a satisfactory state.

☒ Yes

☐ No – please complete this pre application process before submitting this application by contacting our customer care center.

☐ N/A

B2.4 Have you had any other pre-application advice from us?

☐ Yes - please provide a reference number.

☒ No

Pre-application reference:

B3 About the site

B3.1 The site name and address

Site Name: Certas Energy Llandysul Depot

Address 1: Lewis Street

Address 2: Pontwelly

Address 3: Llandysul

Post Code: SA44 4AJ

12 Digit Grid Reference: 241273 240122

B3.2 Is your site located within the boundary of another Environmental Permit?

☐ Yes – Please provide details.

R No

Operator Name:

Permit number:

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Contact Name:

Phone:

Email:

B3.3 Include a site plan showing area of land where the treatment will take place.

Please provide a site plan reference and ensure the site plan includes all items in section B3.4

Site plan reference: 13661_Certas Oil Depot Llandysul_F10 - Groundwater treatment system r2-A4 Landscape

B3.4 Please tick to confirm your site plan contains the following;

- R Operating boundary
- R Security and access arrangements
- R Areas of waste soils and contaminated material, substances or products for remediation by the mobile plant.
- R Location/siting of principal plant and equipment
- R Process, treatment, storage, and quarantine areas
- R Drainage systems
- R Location of boundary monitoring points and pollution control units
- R Potential receptors (i.e. Housing, watercourses etc.)
- R Protected sites (if applicable i.e. SAC, SPA, Ramsar or SSSI within 1 km)

B4 Waste Types and Quantities**B4.1 Specify the waste types, quantities, contaminants, and European Waste Catalogue (EWC) code for each waste to be treated on site. Also, provide the treatment technologies to be used for each waste.**

What material are you treating	Quantity (m ³)	Contaminants to be treated	Six digit EWC code	What treatment technology will you be using?
Groundwater contaminated with Kerosene	12,600	Kerosene	13-05-07*	Injection of proprietary reagents with surfactant and oxidant properties. Pumping groundwater for above – ground separation and carbon filtration

B5 Specified activities to be carried out on site**B5.1 Please supply details of how the specified technology is suitable for treatment.**

Insert details or provide supporting document reference, including section and page number.
Please see separate report referenced R0022.NM26-06-20.13661.ELR_Llandysul

B5.2 Provide details how residual materials/waste which cannot be treated by the specified technology are to be handled at the site

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Insert details or provide supporting document reference, including section and page number.
Oil which has been separated from water by gravity and coalescing filter will be transferred to on-site bunded storage tanks for collection and off-site disposal. Spent activated carbon will be shipped for off-site disposal at a suitably licenced facility.

B5.3 Specify the maximum capacities of quarantine facilities to be used for the storage of contaminated materials destined for re-testing, re-processing or off-site disposal.

(indicate the locations of such quarantine facilities on the site plan)

Insert details or provide supporting document reference, including section and page number.
A single, double skinned tank with capacity of 5m3

B6 Activities involving the import of waste

B6.1 Will your activity involve the import of wastes?

- ☐ Yes
☒ No – go to question B7

B6.2 Does the site form part of a Cluster project?

- ☐ Yes
☐ No – go to section B7

B6.3 If applicable, please supply details of the procedures to be adopted at the site to ensure that only those materials that are treatable with the specified technology will be accepted.

Insert details or provide supporting document reference, including section and page number.

B7 Duration of this deployment

B 7.1 How long do you need this deployment for?

- R **12 Months or less**
☐ **More than 12 months** *(Note: remediation activities lasting more than 12 months may not be approved as a mobile plant deployment. You may need to apply for a site based environmental permit. See MPP2 Guidance for more information)*

B8 Management supervision

B8.1 Please tick the scheme you are using to show you have the suitable skills and knowledge to manage your facility.

- ☒ CIWM/WAMITAB
☐ ESA/EU
☐ Certificate of Technical Competence included with application

Name of TCM: Gary Stopford

Date of birth:08/03/1962

B8.2 Provide information on the site supervision plan for your technically competent manager. Specify what treatment methods can be operated unsupervised, and provide a justification why this should be the case. (See 'How to comply with your environmental permit' guidance document for more information)

Insert details or provide supporting document reference, including section and page number.

A total of three injection rounds are planned. Each injection round comprises batch mixing of two separate chemical agents with water to create a solution (approx. 5%) for gravity fed injection to a series of wells. Each of the three injection events will take one to two days to complete. The technically competent person will be present during each injection round.

B9 Conceptual Site Model and Risk Assessment

Use this section to outline the likely impact of your operations on the environment.

B9.1 Please provide a conceptual site model (CSM) which identifies all plausible pollution linkages (source-pathway-receptor relationships) and potential impacts to the local environment which could arise as a result of the proposed treatment activities.

(A template and further information is available in the MPP2 guidance notes.)

Insert details or provide supporting document reference, including section and page number.

Please see attached spreadsheet referenced Llandysul RA and EMP – MPD No 2 - ISSUED

B10 Pollution Control (for noise, dust, particulates, fibres, aerosols, odour, Volatile Organic Compounds, vapours, gases, fuel, oil and / or chemical storage, vibration, and pests)

B10.1 Please provide details of any site specific measures needed to control/minimise emissions, and prevent pollution of the environment and/or harm to human health resulting from your treatment activities (the potential risks should have been identified in your risk assessment)

Insert details or provide supporting document reference, including section and page number.

Please see attached spreadsheet referenced Llandysul RA and EMP – MPD No 2 - ISSUED

B11 Emission Monitoring Plans

B11.1 Provide a site specific monitoring plan for any emissions that may be generated by the proposed treatment activities. Monitoring plans must include information on all of the following (when applicable to your process):

- ☐ groundwater
- ☐ surface water
- ☐ soil gases

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- ☐ air emissions
- ☐ noise
- ☐ vibration
- ☐ odour
- ☐ Volatile Organic Compounds

B11.2 Specify the indicator parameters you propose to use for each of the emissions being monitored and provide a justification on why they are the most appropriate parameters to detect impact and prevent pollution. Depending upon your technology the plan should include both point source and wider (fugitive) emissions monitoring. (A template and further information is available in the guidance).

Insert details or provide supporting document reference, including section and page number.

Please see attached spreadsheet referenced Llandysul RA and EMP – MPD No 2 - ISSUED

B12 Record Keeping - Commissioning, operating and maintenance

B12.1 Provide details of commissioning, operating and maintenance including documentation and record-keeping to ensure that emissions from the process do not cause pollution of the environment and harm to human health.

Insert details or provide supporting document reference, including section and page number.

Please see attached document referenced OM001.PL 10-01-20.13661. Llandysul, for details of the procedures for system operation including checks and maintenance regime. These will be documented and records held on site. Emissions monitoring will be as per the attached spreadsheet referenced Llandysul RA and EMP – MPD No 2 - ISSUED

Section C: The Data Protection Act 1998

We, the Natural Resources Body for Wales (hereafter 'Natural Resources Wales'), will process the information you provide so that we can:

- deal with your application;
- make sure you keep to the conditions of the license, permit or registration;
- process renewals; and
- keep the public registers up to date.

We may also process or release the information to:

- offer you documents or services relating to environmental matters;
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues;
- carry out research and development work on environmental issues;
- provide information from the public register to anyone who asks;
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take any action that is needed;
- assess whether customers are satisfied with our service, and to improve our service; and respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows).

We may pass the information on to our agents or representatives to do these things for us.

Section D: Confidentiality and National Security

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential.

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and we will not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application.

You can tell the Secretary of State that you believe that including information on a public register would not be in the interests of national security. You must enclose a letter with your application telling us that you have told the Secretary of State and you must still include the information in your application. We will not include the information in the public register unless the Secretary of State decides that it should be included.

Only tick the box below if you are certain that you wish information to be confidential. This may delay your application.

☐ Please treat the information in my application as confidential

Tick the box below if you have written to the Secretary of State to claim national security for your application.

☐ I attach a letter stating that I have written to the Welsh ministers explaining why my information should not be included on the public register for national security reasons.

Section E: Declaration

Please read through the following information before ticking the box below.

If you knowingly or recklessly make a statement that is false or misleading to help you obtain a mobile plant deployment (for yourself or anyone else), you may be committing an offence under the Environmental Permitting (England and Wales) Regulations 2016.

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

If you deliberately make a statement that is false or misleading in order to get approval you may be prosecuted.

☒ **Tick this box to confirm that you understand and agree with the declaration above**

Section F: Fee and Payment

Please see published annual charging scheme and guidance for information on current fee.

This section is required to be completed for all deployments. Please tick and complete one of the boxes below indicating the payment method and correct fee.

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Tick below to show how you will make the payment.

- ☐ **Cheque**
☐ **Postal order**

How to pay by cheque, postal order

You should make cheques or postal orders payable to 'Natural Resources Wales' and make sure they have 'A/c Payee' written across them if it is not already printed on.

Please write the name of your company and your permit reference number on the back of your cheque or postal order.

We will not accept cheques with a future date on them.

Cheque made payable to: Natural Resources Wales

Cheque number:

Amount:

- ☐ **Credit or debit card**

How to pay by credit or debit card

If you are paying by credit or debit card, please fill in the separate form CC1. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro card only.

- ☐ **Electronic transfer (for example, BACS)**

How to pay by electronic transfer

If you choose to pay by electronic transfer and you are applying for a mobile plant deployment, you will need to use the following information to make your payment.

Company name:	Natural Resources Wales Company address:
	Income Dept, PO BOX 663, Cardiff, CF24 0TP
Bank:	RBS
Address:	National Westminster Bank Plc, 2 ½ Devonshire Square, London, EC2M 4BA
Sort code:	60-70-80
Account number:	10014438
Payment reference number:	xxxxxxxxxxxxx

You should also email your payment details and permit reference number to online@naturalresourceswales.gov.uk or fax it to 03000 065 3001.

If you are making your payment from outside the United Kingdom, it must be in sterling. Our IBAN number is GB70 NWBK 6070 8010 0144 38 and our SWIFTBIC number is NWBKGB2L.

Electronic Transfer Details: OHES Environmental Ltd

Electronic Transfer Reference: NRW080720

Amount £: 2,481.00

Section G: Supporting Documents

Please ensure that you include the following relevant documents with your deployment application

- ☐ Pre-application consultation reference numbers (B2)
- ☐ Site Plan showing all required features (B3.3)
- ☐ Management supervision award certificate (B8.1)
- ☐ Conceptual Site Model and Risk Assessment (B9.1)
- ☐ Pollution Control (B10.1)
- ☐ Monitoring Plans (B11.1)
- ☐ Record Keeping details (B12.1)
- ☐ Fee and Payment Reference (Section F)

Section H: How to contact us

Where to post your form and how to contact us

Post your deployment form, fee and any supporting documents to the Natural Resources Wales office at the following address:

Permit Receipt Centre
Natural Resources Wales
29 Newport Road
Ty Cambria
Cardiff
CF24 0TP

Or email permitreceiptcentre@naturalresourceswales.gov.uk

If you need help filling in this form:

Please contact the person who sent you it or contact us as shown below.

- General enquiries and customer service line: 0300 065 3000 (Monday to Friday, 8am to 6pm)
- Incident hotline: 0800 807060
- Floodline: 0845 988 1188 (24 hour service)
- Email: enquiries@naturalresourceswales.gov.uk
- Website: www.naturalresourceswales.gov.uk

If you are happy with our service, please tell us. It helps us to identify good practice and encourages our staff. If you're not happy with our service, please tell us how we can improve it.

Please tell us if you need information in a different language or format (for example, in large print) so we can keep in touch with you more easily.