

MPP2: Application for deployment of mobile plant for land and/or groundwater remediation or treatment using a mobile plant

About your permit

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 conditions to use to make our determination. Note: you can only select one permit type.

Bespoke permit for treatment using mobile plant

Permit number:
EPR/BB3498HA

Name and address of permit holder (operator)

Name Prichard Remediation Ltd
Address Unit 16 Earthmovers House
Llantrisant Business Park
Llantrisant
Postcode CF72 8LF

Who can we talk to regarding this deployment application?

Name of contact George Harvey
Organisation Prichard Remediation Ltd
Address Unit 16 Earthmovers House
Llantrisant Business Park
Llantrisant
Postcode CF72 8LF
Phone number 07771484840
Email george@prichardholdings.co.uk

Deployment details

Have we been consulted on your Conceptual Site Model/Risk Assessment/Remediation Strategy?

No

If yes, please provide your reference number and the name of the officer who was consulted
NRW were consulted on the Remediation Strategy for the site as part of the consultation process for the planning permission for the site ref: 24/00110/FUL

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

Please note: if your proposal has changed, this may require further assessment and may extend the determination time.

N/A

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

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

No

About the site

Site name and address

Site name	Proposed Willows School
Address	Former Splott Market
	Titan Road
	Cardiff
Postcode	CF24 5JB
12 digit grid reference	ST 20048 75860

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

No

Please provide a site plan and ensure the site plan includes all items in the following question.

- File: WHS-SP-V1.0.pdf - [Download](#)

Please tick to confirm your site plan contains the following:

Operating boundary

Security and access arrangements

Areas of waste soils and contaminated material, substances or products for remediation by the mobile plant

Location/siting of principal plant and equipment

Process, treatment, storage, and quarantine areas

Drainage systems

Location of boundary monitoring points and pollution control units

Potential receptors (i.e. housing, watercourses etc.)

Protected sites (if applicable i.e. SAC, SPA, Ramsar or SSSI within 1km)

Waste types and quantities

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?
1	Soil	2000	Total petroleum hydrocarbons, PAH	17 05 03*	Ex-situ bioremediation
2	Aqueous Liquid	1000	Total petroleum hydrocarbons and suspended solidsand suspended solids	19 13 08	Ex-situ treatment of pumped groundwater
3	Excavated Soil and Stones	10000	Total petroleum hydrocarbons	17 05 04	Screening and Sorting
4	Untreatable Soils	100	N/A	17 05 03*	-
5	Sludge	10	N/A	19 13 05*	-

Specified activities to be carried out on site

Please supply details of how the specified technology is suitable for treatment

Please see attached supporting information - Treatment Technology

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

Any materials that are not suitable for recovery and engineering purposes will be removed, isolated in a designated waste holding area as per the site plans and recycled / disposed of at a suitably licensed waste disposal facility. In the event that any hazardous (excluding the TPH impacted soils and waters) waste material is encountered this will be isolated in situ / quarantine area and removed off site for disposal at a suitably licensed waste disposal facility.

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)

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 will be 5000m³

The storage capacity for the treated water will be 10,000ltrs, in addition to the 3,000ltr holding capacity in the water treatment system. It is not anticipated that in excess of 15m³ of water will be removed each day.

Alternatively, upload a copy of this below

- File: Supporting Information - Treatment Technology.pdf - [Download](#)

Activities involving the import of waste

Will your activity involve the import of wastes?

No

Does the site form part of a Cluster project?

No

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.

N/A - no materials will be imported to site. The area of concern (AOC) has been determined by site investigations already undertaken and outlined in the Remediation Strategy.

Previous investigation have identified the primary CoC. The source of the contamination is deemed to be from the site's commercial use, and these will be targeted during excavation works..

Using professional judgement, each excavator bucket load will be visually inspected, and materials classified per load. All excavated materials will be visually inspected, and materials classified per load.

All excavated material will be managed in accordance with the Remediation Strategy for the site, but in general:

1. All soils considered un-contaminated (typically brick or hardcore materials), and treated soils post-treatment, will be sampled at a frequency of one test per 250m³. All materials which pass validation testing will be return to excavations as backfill
2. Stockpiles of potentially contaminated material will be tested for classification purposes at a rate of at least one sample per 250m³;
3. Materials to be removed off-site will be sampled and characterised for disposal at a minimum frequency of one composite sample per 400m³;
4. Materials requiring ex-situ remediation will undergo appropriate treatment with post-treatment sampling (minimum frequency of one sample for 250m³) undertaken to confirm if the material is suitable for re-use (or if criteria cannot be achieved it will either be subjected to further treatment, or removed from site.

Please refer to the EMS for the works for additional information.

Alternatively, upload a copy of this below

- File: 26CB05-CUR-10-XX-T-G-0001-P03-REMEDIATION _STRATEGY.pdf - [Download](#)

Duration of this deployment

How long do you need this deployment for?

12 months or less

Management supervision

Technically competent manager

This is the person who will be responsible for compliance with the permit for this deployment. See the guidance notes for further details.

Title	Mr
First name	George
Last name	Harvey
Telephone - mobile	07771484840
Telephone - office	01443226170
Email address	george@prichardholdings.co.uk

Nominated competent person

Provide details of the NCP who will be the main contact for the deployment and who will report to the TCM. See the guidance notes for further details.

Title	Mr
First name	George
Last name	Harvey
Telephone - mobile	07771484840
Telephone - office	01443226170
Email address	george@prichardholdings.co.uk

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)

1. A full-time site manager will be on-site throughout the course of works and responsible for the assessment of materials, segregation, control measures and monitoring. Experienced site engineers/scientists will assist with these tasks;
2. The works will be undertaken by qualified and experienced plant operators who will be aware of the acceptable waste streams, methodologies, and control measures. The plant operators will be directed and supervised by the site management;
3. A WTS will be in operation during excavation works to permit excavation and backfilling. This will be operated during working hours managed by a dedicated engineer. This coupled together with a strict maintenance programme will ensure operation throughout the duration of the works;
4. The site supervision plan for the technical competent manager (primary contact) is to visit site for a one day at the start of the bioremediation works. This will ensure that the treatment process has been set-up appropriately and is being controlled in the specified manner. Given the risk profile of the activity proposed (bio-remediation), the technically competent manager will subsequently visit site, at a frequency of one daily visit per week thereafter, to ensure the process and risk assessment remain suitable and that monitoring continues to be undertaken in the appropriate manner. The duration proposed is equivalent to 20% of the working time per month.

Alternatively, upload a copy of this below

- File: Contaminated COTC 2024.pdf - [Download](#)

Conceptual site model and risk assessment

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.

(Further information is available in the MPP2 guidance notes)

Please see attached Conceptual Site Model for the works.

Alternatively, upload a copy of this below

- File: Conceptual Site Model.pdf - [Download](#)

Pollution control

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).

Please see attached supporting information in the attachment below - Pollution Control
Please see attached supporting information in the attachment below - EMS

Alternatively, upload a copy of this below

- File: Pollution Control.pdf - [Download](#)
- File: PR_EMS_V1.0.pdf - [Download](#)

Emission monitoring plans

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)

Please tick any of the below which are applicable to your process:

Groundwater

Air emissions

Noise

Odour

Volatile Organic Compounds

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.

(Further information is available in the guidance)

Please see attached emissions plans for:

Dust
Noise
Odour/VOC's

Alternatively, upload a copy of this below

- File: WHS_DMP_V1.0 REV3.pdf - [Download](#)
- File: WHS_NMP_V1.0.pdf - [Download](#)
- File: WHS_V&OMP_V1.0.pdf - [Download](#)

Record Keeping - Commissioning, operating and maintenance

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.

Please see attached EMS for the works. All activities are recorded in a site diary which is maintained on site. Plant and machinery each have their own individuals plant and maintenance checklists and these are also completed daily. Records of all monitoring undertaken are also maintained.

Alternatively, upload a copy of this below

- File: PR_EMS_V1.0.pdf - [Download](#)

Payment

How do you want to pay for your application fee?

Electronic transfer (eg. BACS)

Supporting documents

Please ensure that you include the following relevant documents with your deployment application: Site plan showing all required features Conceptual Site Model and Risk Assessment Pollution Control Monitoring Plans Record Keeping details

- File: PR_EMS_V1.0.pdf - [Download](#)
- File: WHS-SP-V1.0.pdf - [Download](#)
- File: Conceptual Site Model.pdf - [Download](#)
- File: WHS_DMP_V1.0 REV3.pdf - [Download](#)
- File: WHS_NMP_V1.0.pdf - [Download](#)
- File: WHS_V&OMP_V1.0.pdf - [Download](#)
- File: Pollution Control.pdf - [Download](#)

Please provide your payment reference

Payment reference EPR/BB3498HA

Amount paid £2074.00

Declaration

Are you signing the form on behalf of a relevant person?

If you are not a relevant person, but want to sign the application on their behalf, you must include confirmation that you can do this.

Yes

Please upload written confirmation here

- File: Authorisation_2024051014515936.pdf - [Download](#)

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are 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.

I understand that if I knowingly or recklessly make a false or misleading statement: I may be prosecuted; and if convicted, I may have to pay a fine and/or go to prison. By signing below, you are confirming that you understand and agree with the declaration above.

Title	Mr
First name	George
Last name	Harvey
On behalf of (if relevant)	Prichard Remediation Ltd
Today's date (DD/MM/YYYY)	10/05/2024

Add another signature?

No