

Apply for deployment of mobile plant for land and/or groundwater remediation or treatment using a mobile plant (MPP2)

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.

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

Permit number:
EA WML 65502 (QP3592ZY)

Name and address of permit holder (operator)

Name Geo2 Remediation Ltd

Address Coninston House

Louisa Street

Idle

Postcode BD10 8NE

Who can we talk to regarding this deployment application?

Name of contact Adam Wilson

Organisation Geo2 Remediation Ltd

Address Coninston House

Louisa Street

Idle

Postcode BD10 8NE

Phone number 07779604026

Email adam.wilson@geo2.co.uk

Deployment details

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

Yes

If yes, please provide your reference number and the name of the officer who was consulted

Incident Reference 2410575

Helen Jordan, Technical Support Officer

Anti Pollution Works Notice - 24.7.25

Gavin Dodd, Environment Officer

Hannah Biggs, Specialist Advisor Contaminated Land

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.

No

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.

N/A

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

No

About the site

Site name and address

Site name	Enterprise Autos
Address	Newbridge Bypass A467 Crumlin
Postcode	NP11 4QJ
12 digit grid reference	321420 198060

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: 41-42.1. 0816-Site Plan for application - before and after redevelopment3.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	Contaminated groundwater	36500	Hydrocarbons	19 13 07*	Pump and Treat, with oil/water/silt separation and carbon filtration
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-

Specified activities to be carried out on site

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

Installation of a pump and treat system that will treat known dissolved phase hydrocarbons found in groundwater on site associated with the site's current and historic use as a Petrol Filling Station, while acting as an hydraulic barrier, to prevent offsite migration.

Groundwater will be abstracted in accordance with abstraction license WA/056/0062/0003.

Treated wastewater will be returned into the ground using soakaway boreholes hydraulically upgradient of the hydrocarbon source under a separate consent EPR/DB3693ZK.

Suitability of this technology is detailed in Sections 10.0 of the Remediation Strategy (documents attached). This strategy is anticipated will be revised to support redevelopment of the site; however, this will make no material change to the requirement, objective, manner of operation or risks associated with the deployment presented here.

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

Untreatable waste products, such as spent Granular Activated Carbon (GAC) and recovered phase separated product will be disposed of offsite by licensed subcontractors. These waste products will be quarantined within the appropriate vessels up until the point of removal and removed separately.

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)

Two waste streams will be quarantined: Spent GAC (EWC 190904) will be quarantined within the unit which will not be used whilst awaiting replacement. Quarantine capacity of this vessel will be 2m³ maximum.

Quarantined recovered fuel (EWC 191307*) will be stored in the product separator or drum (200 litre) with a maximum capacity of 1.2m³.

Quarantine materials will all be contained within the treatment compound, noted on Site plan (Figure 41-42). Quarantine volumes should allow for disposals to be scheduled in advance.

Alternatively, upload a copy of this below

- File: Geo2. 25.816.18.3. Remediation Strategy.pdf - [Download](#)
- File: 0816.18.D _Geo2_ Supplementary Planning Detail..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.

The system exclusively treats in situ materials and therefore only treatable wastes (contaminated groundwater) are recovered from the subsurface.

Products untreatable in the system and by products of the treatment, such as spent GAC and recovered phase separated product, will be disposed of offsite by licensed subcontractors in line with Duty of Care legislation.

These products will be confined in appropriate vessels until their removal and disposal.

Duration of this deployment

How long do you need this deployment for?

More than 12 months (Note: 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)

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	Adam
Last name	Wilson
Telephone - mobile	07779604026
Telephone - office	01132575397
Email address	adam.wilson@geo2.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	Steven
Last name	Jackson
Telephone - mobile	07872823260
Telephone - office	01132575397
Email address	steven.jackson@geo2.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)

TCM staff will visit site fortnightly during the operational phase. The plant is capable of operating autonomously, with fortnightly maintenance and monitoring undertaken to demonstrate recovery, performance and progress towards mitigating risks. The plant has telemetry installed.

Each vessel and bund is fitted with a high level shutdown which terminates all treatment works until remedial action can be taken to safely restart the treatment system. The plant is banded to capture and leaks and spills.

Alternatively, upload a copy of this below

- File: v3 MPP2 Enterprise 0816 Supporting Information2.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)

Conceptual Site model and Risk Assessment from the treatment plant is presented in "v3 MPP2 Enterprise 0816 Supporting Information" document attached.

Alternatively, upload a copy of this below

- File: v3 MPP2 Enterprise 0816 Supporting Information2.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).

All monitoring and control measure assessment is undertaken by trained Geo2 staff and supervised by a TCM. Please see attached Supporting information document for details.

Alternatively, upload a copy of this below

- File: v3 MPP2 Enterprise 0816 Supporting Information2.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

Surface water

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)

Included within attached supporting information document

Alternatively, upload a copy of this below

- File: v3 MPP2 Enterprise 0816 Supporting Information2.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.

Included within attached supporting information document.

Alternatively, upload a copy of this below

- File: v3 MPP2 Enterprise 0816 Supporting Information2.pdf - [Download](#)

Payment

How do you want to pay for your application fee?

Electronic transfer (eg. BACS)

Supporting documents

Please provide your payment reference

Payment reference Geo2-0816

Amount paid 2251

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.

No

Does your deployment application relate to a standard facility permit?

If your deployment application is being made in relation to a standard facility permit (SRP), you also need to confirm that you are able to meet all relevant criteria of the standard rule set/sets under which you are applying.

I confirm that my activity/activities will fully meet the rules of the permit I have applied under

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	Adam
Last name	Wilson
On behalf of (if relevant)	Geo2 Remediation Ltd
Today's date (DD/MM/YYYY)	08/04/2026

Add another signature?

No