

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.

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

Permit number:
AB3107SF

Name and address of permit holder (operator)

Name John F Hunt Regeneration Ltd.

Address Europa Park
London Road
Grays, Essex

Postcode RM20 4DB

Who can we talk to regarding this deployment application?

Name of contact Ian Burton

Organisation John F Hunt Regeneration Ltd.

Address Europa Park
London Road
Grays, Essex

Postcode RM20 4DB

Phone number 07929 071562

Email ian.burton@johnfhunt.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

This is a re-deployment of PAN-021833. This has been previously addressed.

rhiannon.smith@cyfoethnaturiolcymru.gov.uk was the officer who approved the year 1 deployment.

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.

Yes

If yes, please upload details of the changes

- File: Note 1.docx - [Download](#)

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?

Yes

If yes, please provide a reference number

Re-deployment of PAN-021833

About the site

Site name and address

Site name	Shotton Paper Mill
Address	Weighbridge Road
	Shotton
	Deeside
Postcode	CH52LL
12 digit grid reference	SJ 30592 71611

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

Yes

If yes, please provide details below:

Operator name Enke / Shotton Mill Ltd.
Permit number EPR/BT4885IT
Contact name Dan Johnson
Phone number 01244 284300
Email dan.johnson@shottonmill.co.uk

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

- File: SK002 Quarantine (1).pptx - [Download](#)
- File: SK003 Site Location Constraints.pdf - [Download](#)
- File: 22912_ENKA_Deployment_Layout_Plan_240501.pptx - [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	Water	60,000	pH and Hydrocarbon and ammonia	19 13 01	Water Treatment Plant
2	Concrete/Brick	15,000	Screen Waste	17 01 01	Crusher Screener size reduction and separation
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-

Specified activities to be carried out on site

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

Details of the water treatment plant are attached. The water treatment plant shall be capable of removing free-phase hydrocarbon and dissolved phase hydrocarbon and be capable (by use of CO₂) in reducing pH to meet the requirements of the Shotton Mill Permit. Ammoniacal nitrogen may also be subject to ozonation to reduce levels.

The crushing / screening operation will be capable of turning broken out ground-based infrastructure into a suitable aggregate for on-site use in accordance with the CLAIRE DoWCoP.

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

Encountered impacted soils (unlikely as a previous hot-spot has been already addressed) shall be quarantined on an impermeable bunded and sumped pad (see SK002). The pad shall be of the same design on which the water treatment plant sits. These soils will be tested and classified for off-site disposal.

Quarantine pad(s) shall be established where and when required, - within the red-line boundary for the site. SK002 shows the drainage associated with the quarantine pads (same design as the water treatment plant pad).

Free phase oils collected in the water treatment plant will be sent for off-site disposal.

Broken out ground-based infrastructure shall be processed. None aggregate material generated in the process (most likely re-bar) will be placed into skips for off-site disposal. Inert aggregates will be stored on concrete hardstanding at all times.

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)

Quarantine pad(s) shall be established where and when required - within the red-line boundary for the site. SK002 shows the drainage associated with the quarantine pads (same design as the water treatment plant pad).

It is anticipated that quarantine pads themselves are unlikely to be required. But if they are they will be sited close to vehicular access for ease of collection and subsequent disposal. They will be sited away from boreholes or drainage channels.

The quarantine pads will be constructed to accept as much material that has been identified (500m³ volume being an indicative figure).

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.

Groundwaters around the site have been thoroughly investigated to date and the water treatment plant designed to cope with those waters, however, as a matter of course, prior to any new dig zone commencing the water therein shall be visible inspected by John F Hunt staff.

No liquids of neat hydrocarbon are expected but if they are these will be pumped straight to containers in the water treatment plant - upon the bunded pad.

Similarly only ground-based infrastructure capable of being processed to aggregate will be presented to the crusher/screener operation.

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	Dr
First name	Ian
Last name	Burton
Telephone - mobile	07929071562
Telephone - office	07929071562
Email address	ian.burton@johnfhunt.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	Stuart
Last name	Carroll
Telephone - mobile	07702 281034
Telephone - office	07702 281034
Email address	stuart.carroll@johnfhunt.com

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)

Ian Burton shall be on-site for, as a minimum, 1 hour per week, whilst water treatment operations are being undertaken. The water treatment plant is designed to operate with minimum supervision, however Patrick Leighton will ensure competent staff are present to physically operate the plant as required. Patrick will ensure that the plant is maintained and serviced as required.

Crushing / screening shall be overseen by site staff.

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)

See CSM RA document attached.

Alternatively, upload a copy of this below

- File: CSM RA.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 refer to the CSM RA previously uploaded.

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:

Surface water

Air emissions

Noise

Vibrations

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 refer to CSM RA previously uploaded and the Deployment Plan.

Daily odour monitoring to be undertaken in the vicinity of the water treatment plant. Visible dust to be observed adjacent to ground-based infrastructure processing. Daily observations will additionally be made of a ditch close to the ground-based infrastructure processing location.

All information will be recorded in the Site Manager's Daily Site Diary.

With regards to effluent from the water treatment plant. A daily log will be maintained. See attached.

Alternatively, upload a copy of this below

- File: Log for Water Treatment Plant.xlsx - [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.

Crushing/Screening operations will be undertaken to the same standards as required by a local authority part 2 B permit. Plant will be serviced and maintained to the highest possible standards.

For the water treatment plant it will be commissioned, operated and maintained as per the attached method statement.

Alternatively, upload a copy of this below

- File: Shotton Mill - Water Treatment Plant Operation Manual_ SSOW DRAFT 240530.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 22912

Amount paid £2,074

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: email authorisation.pdf - [Download](#)

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	Dr
First name	Ian
Last name	Burton
On behalf of (if relevant)	John F Hunt Regeneration (Samuel Hall Managing Director)
Today's date (DD/MM/YYYY)	30/05/2024

Add another signature?

No