Form WRD: Application for a new abstraction licence or a technical variation to an abstraction licence

Application type

Reference number (The number you generated in form WRA). Example: WRNATURALRESOURCESWALES1101
WR24380 Point of Ayr Gas Terminal, Liverpool bay

Are there any applications currently being assessed by us that are linked to this application?
No

Is the proposed abstraction going to be aggregated with another existing abstraction?
No

Are any applications, at the same site; being assessed by the Environment Agency?
No

Tell us when you want your abstraction licence to end: [DD/MM/YY]
31/12/2027

Abstraction details

Abstraction location name/reference
Dewatering area

Abstraction point type
Area

National Grid Reference
SJ 12157 84084

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.
SJ 12157 84084 SJ 12426 84085 SJ 12509 83852 SJ 12149 83859

Do you have any further points of abstraction?
No

Means of abstraction

Provide full details of the equipment you propose to use to abstract water, such as maximum pump capacity and any relevant dimensions, e.g. pipe diameter. For groundwater abstractions, include details about the borehole (depth and diameter) and details of screening and lining.
Please see attached Stuart Wells dewatering design report

If necessary, continue on a separate sheet and upload below.
• File: SWL24-380-01-DDR-02 - Liverpool Bay Dewatering Design Report.pdf - Download

Abstraction quantities

Abstraction location name/reference
Dewatering Area

What purpose will the water be used for?
Construction dewatering

Period of abstraction Will it be all year?
No

Start Date: [DD/MM/YY]
01/04/2026

End Date: [DD/MM/YY]

31/12/2027

Maximum quantities (cubic metres)

Annual 555033

Daily 1520

Hourly 63

Peak abstraction rate (in litres per second)

17.6

Number of hours of abstraction per day

24

Add quantities for another location?

No

Calculations and supporting information

Use this section to show us how you have calculated the amount of water you require. This should include details of your operational regime (for example, number of hours and days you intend to abstract, number of units produced or area to be irrigated). We use this information to determine if the volumes you propose to abstract are appropriate for the purpose. Depending which industry you are in, you may need to provide additional information below.

If your proposal involves the provision of a residual flow via a notch or orifice, provide information on how this is being calculated. This should include details of the equation being used.

Please see attached Stuart Wells dewatering design report

Additional document. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)

- File: SWL24-380-01-DDR-02 - Liverpool Bay Dewatering Design Report.pdf - Download

Means of measurement

State how you intend to measure the quantity of water you abstract. You do not need to do this for a temporary or transfer licence.

Meter

Water efficiency

Provide details of what measures you provide or intend to implement, to ensure efficient use of water. This could include water storage, re-use or recirculation, monitoring and checking for leaks, undertaking water audits or other industry specific good practice.

Only achieve required amount of drawdown for each excavation. All dewatering to me non-consumptive due to groundwater being returned to the environment as demonstrated in the HIA.

Discharge details

If you intend to return any of the abstracted water to the environment, provide details below. Details of discharge location(s) should correspond with any maps submitted. Do not include discharges to a public sewage system.

	Discharge location name / reference	National Grid Reference of discharge point (12 digit)	Total volume to be discharged (cubic metres)	Environmental Permit for Water Discharge Activity number (if applicable)
	Site Discharge Stream	SJ 11965 84064	958230	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

Provide a description of the structure and equipment involved in discharge.

Discharge flow rate will vary throughout the duration of dewatering depending on which structure is being dewatered. The given total to be discharged is the maximum possible as this is the maximum anticipated dewatering flow rate (17.6 l/s) for a continuous period of 21 months. Abstracted groundwater is to be discharged via a v-notch settlement tank and a Granular Activated Carbon (GAC) unit to treat any PFAS contamination present within the groundwater.

Other abstractors / water users

Provide details of nearby abstractors or users of water who could be affected by your proposal. This should include deregulated users (exempt activities or abstractions < 20 cubic metres per day), anglers and canoeists.
Your local authority's environmental health will hold details of exempt domestic abstractors.

No abstractors identified within 1.5 km of the site

Planning application

Have you sought advice on your planning application?
No

Declaration

By signing below, you are declaring that, to the best of your knowledge; the information given in this form, on any map and in any supporting or additional information; is true.	
Signed	David Wright
Print name	David Wright
position	Managing Director

If an agent is to sign on behalf of the Licence Holder, a letter of authorisation from the Licence Holder is required.
• File: Delegation of Authority Letter Stuart Wells Final (002)-SignedRP.pdf - Download

Date
* 20/11/2025

Submit your application

Enter your email address to get a copy of your application
james.pettengell@stuartwells.co.uk