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
WRSAIPEM2210

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]
30/04/2028`

If you require a shorter or longer duration licence, please provide details and your justification
The existing abstraction licence is valid from 14 May 2026 to the 30 April 2028, and is attached for ease.

Submit additional details if required
• File: PAN-030979 - Abstraction Licence.pdf - Download • File: PAN-030979 issue letter.pdf - Download

Abstraction details

Abstraction location name/reference
Point of Ayr Gas Terminal (whole site)

Abstraction point type
Area

National Grid Reference
SJ 12277 84007

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.
SJ 12050 84145 SJ 12494 84145 SJ 12491 83813 SJ 12034 83893

Do you have any further points of abstraction?
No

Abstraction details - Further points

Abstraction location name/reference
Area B - Pig Receiver

Abstraction point type
Area

National Grid Reference
SJ 12433 83914

Downstream National Grid Reference (If abstracting from a reach), or corners of the area.
SJ 12433 83914 SJ 12492 83912 - -

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.

The updated groundwater modelling report (see 2026-106-002-005 final many areas) assesses the impact of Saipem's proposal to excavate from a number of areas at the site simultaneously. It considers a worst case scenario and presents a number of different dewatering combinations in Section 5 to demonstrate the impact of multiple abstractions. Some of the combinations are significantly greater than the permitted maximum so will not be undertaken. A number of the others are slightly over the maximum rate, however, these are calculated based on worst case scenario and are believed to be highly conservative. In these situations excavation and dewatering activities will managed to ensure the maximum flow rate is not exceeded.

The general dewatering strategy remains the same, in that deep wells are proposed to control groundwater levels in deeper excavations. Whilst conventional sump pumping techniques will be utilised for shallow excavations. The shallow excavations will be dug in small sections at a time, rather than opening the whole trench at one time.

Excavation Progress to Date:
Excavations associated with decommissioning works have commenced in some of the currently permitted areas but groundwater has not been encountered at the anticipated levels. As a result, to date no deep wells have been required to be installed to manage the groundwater on site.

Below is a summary update for each specific excavation area:

Area A - the excavation is complete and the area has been backfilled
Area B – deep excavation is complete and the area is currently being backfilled
Area C – deep excavation is complete and the area is currently being backfilled
Area D - excavation has commenced but not yet got to full depth.
Area E – work not yet commenced
Area F – excavation is complete and the area has been backfilled
Area G – excavation is complete and the area has been backfilled

In areas A, B, C, F & G there are some further excavations required for construction purposes (i.e. for foundations and cables) but it is not expected that these will need to go below 2.5m below ground level.

PFAS Contamination:
A number of PFAS contaminated hot spots were identified on site. The soils from these have been removed and the areas backfilled, thus reducing the potential for further contamination of the aquifer. The FM02 and FM06 hot spots were excavated and backfilled and all validation samples were significantly lower than the 600 µg/kg remediation criterion. Around 17,800 tonnes of PFAS impacted soil was removed from the Inlet area in June and July 2026 and results received to date indicate very low levels of residual PFAS only.
Any groundwater abstracted under the licence is drawn from the same aquifer that is covered by the monthly groundwater monitoring programme. It is captured and treated through the Phase 2 GAC system where PFOS removal of more than 99% has been demonstrated each week before discharge to Talacre Brook via emission point W1 under the environmental permit. Monitoring will continue monthly through construction and into the post construction period so any change in groundwater quality linked to abstraction would be identified.
The potential for further PFAS contamination to the aquifer as a result of groundwater abstractions has therefore been minimised.

Noise from the Abstraction Activities:
We do not believe that there will be a significant increase in noise as a result of the proposal to abstract from a number of excavations simultaneously. Therefore our response to the impact on marine birds provided in the original application remains valid.

Additional Excavations:
The additional excavations where deep well dewatering is anticipated are referred to as; Clean Water Sump, Utility Area and Pipeline. In addition to these there will be a number of smaller, shallower excavations (Pipe Trenches) that will be managed using sump pumping. These pipe trenches are indicated in figure 1.2 as the smaller red hatched lines. These trenches are distinct from the larger areas and will be excavated in small sections at a time rather than the whole line in one go. Their details are included in Table 1.1 of the attached groundwater modelling report (2026-106-002-005 final many areas), which is within the area demarcated by the purple line in Figure 1.2, and the boundary map attached. The co-ordinates of this area are provided below.

In summary, we are looking to vary our existing abstraction licence (licence serial number: WA/067/0010/0022) to allow Saipem Limited to abstract groundwater simultaneously from a number of excavations situated within the purple outlined area on the site known as Point of Ayr Gas Terminal,

please find National Grid references below. However, we would not exceed the current permitted maximum flow rate.

Centre point: SJ 12277 84007
Area corners: SJ 12050 84145, SJ 12494 84145, SJ 12491 83813 and SJ 12034 83893.

If necessary, continue on a separate sheet and upload below.

- File: 2026-106-002-005 final many areas.pdf - Download
- File: Boundary map.pdf - Download

Please upload your drawings and calculations here. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)

- File: Boundary map.pdf - Download

Abstraction quantities

Abstraction location name/reference

Point of Ayr Gas Terminal (whole site)

What purpose will the water be used for?

Construction Dewatering

Period of abstraction

Will it be all year?

Yes

Maximum quantities (cubic metres)

Annual	555,033
Daily	1,520.64
Hourly	63.36

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.
Dewatering engineering calculations were submitted to NRW as part of the original abstraction licence application. We would not exceed the current aggregate quantity of water authorised to be abstracted under the existing licence for the purpose of dewatering; 555,033 cubic metres per year. Please refer to the attached document: 2026-106-002-005 final many areas.

Additional document. (Spreadsheet file formats need to be: .xls, .xlsx, or .ods)
• File: 2026-106-002-005 final many areas.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.
In accordance with the existing licence.

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)
	Talacre Brook	SJ 11962 84038	555,033	EPR/DP3834EW
	-	-	-	-
	-	-	-	-
	-	-	-	-

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

As per existing set up. No change as a result of variation

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.

Please refer to information provided as part of the original abstraction licence application.

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 Mark Pickett

Print name Mark Pickett

position Technical Director

If an agent is to sign on behalf of the Licence Holder, a letter of authorisation from the Licence Holder is required.

- File: Saipem - Delegation of Authority Letter Stuart Wells Final (002)_SignedRP.pdf - Download

Date

* 30/10/2026

Submit your application

Enter your email address to get a copy of your application

mark.pickett@stuartwells.co.uk