

FORM WRA: Applicant details and proposal outline

Application type and fee

Please generate a reference number. It should start with "WR" followed by your organisation or company name and today's date in four-digit format (DDMM) without spaces or punctuation.

Example: WRNATURALRESOURCESWALES1101

Please use this use this number throughout this application. This reference number can also be used for your BACS reference if paying electronically.

WRMCWY0707A

For the application types listed, complete this form and/or the relevant additional forms named below. Tick the type of application you are applying for. Please refer to our Find out if you need a licence web-page for an explanation for the different licence types. If your proposal involves multiple licence types, tick all that apply.

See our Charges for abstraction and impoundment applications web page for details of application fees and how to pay.

New licence to transfer water. Also complete form WRD.

Please provide existing licence serial number, if applicable

N/A

Please indicate how you wish to pay your application fee. If paying by BACS, please quote the reference number created in question 1 when setting up the bank transfer.

If paying by cheque, please ensure you add the six digit cheque number below.

BACS

Please add your BACS reference below

WRMCWY0707A

Applicant details

Applicant type

Limited company

Applicant details

Full Name Marshall Construction (West Yorkshire) Limited
Company, Charity or Trading Name Marshall Construction (West Yorkshire) Limited
Company or Charity Registration Number 01424340

Applicant Registered Address

Line 1 Marshall House, Huddersfield Road, Elland, West Yorkshire,
Line 2 United Kingdom
Line 3 -
Line 4 -
Postcode HX5 9BW

Applicant Contact details

Office Telephone Number 01422375533
Mobile Telephone Number 07557 653302
Email Address tslattery@mcwy.co.uk

Please indicate who we should contact regarding operation of your site, this should be the person responsible for the day to day running of the operation.

	Applicant	Agent
Site operations contact	X	

For applications for abstraction licences, please also specify who we should contact for invoices and abstraction records (returns).
Not necessary for temporary or transfer licence applications.

	Applicant	Agent
Invoice address	X	
Abstraction records contact	X	

Details of agent or individual authorised to act as application contact

Use applicant contact details

No

Application details

Full Name Robert Tinsley
Company, Charity or Trading Name RJT Consulting Partnerships Limited
Position in Company Director

Applicant Registered Address

Line 1 E3P Building, Taylor Road, Manchester
Line 2 -
Line 3 -
Line 4 -
Postcode M41 7JQ

Applicant Contact details

Office Telephone Number 0161 706 0402
Mobile Telephone Number 07899026901
Email Address rtinsley@rjtconsulting.co.uk

Entitlement to apply (not required for impoundment licence applications)

Does the applicant have a legal right of access to the point of abstraction?

Owner

Date these access rights are expected

* 19/06/2023

Site map showing abstraction points

- File: MCWY Ground Water Comments Nr.1 14-03-2023.pdf - [Download](#)
- File: MCWY Ground Water Comments Nr.2 14-03-2023.pdf - [Download](#)

Other supporting documents

- File: M3125-00 (A1) Location plan (C).pdf - [Download](#)

For abstraction licence applications where you are the landowner, provide a map with the land boundary and all abstraction and discharge point(s) marked.

Please tick here to show that you have done this.

Pre-application number

Have you undertaken a pre-application enquiry or had any previous discussions with us?

Yes

Provide reference number or staff member's name

PPN-01034 - Mary Beckett

Remediation work

Is this proposal as a result of a Restoring Sustainable Abstraction programme or other work requested by us?

No

Source of supply

State where you intend to abstract from

Groundwater. e.g. Borehole, mine, unlined excavation

Give Groundwater Investigation Consent number if applicable

N/A

Provide a 12 digit National Grid Reference for the proposed or existing abstraction or impoundment point (e.g. ST 19057 76826)

SJ 32584 70001

Source of supply (name of watercourse or aquifer)

Superficial Sand Aquifer

Site name / reference
(e.g. Tŷ Mawr Farm)

Plot B, The Airfields

Proposal summary

Please provide an outline of your proposal, including any sketches.

As a guide, you should include: a description of the activities which (will) take place at your site, the means of abstraction/impoundment proposed, if the proposal is related to another licence or permit (i.e. an Environmental Permit to Discharge Water) and details of any survey work undertaken. For changes to existing licences, summarise the changes proposed. Sketches or photographs that will aid our understanding of your proposal can be uploaded below.

Marshalls are looking to commence a commercial development project at Plot B, The Airfields, Northern Gateway, Deeside, Flintshire, CH5 2RD. Planning consent RES/000385/22 covers the construction of a 'Proposed storage and distribution unit with ancillary offices, associated accesses, car parking, service yards, security gatehouse, electricity substation, pump house and landscaping'. Site investigations have demonstrated that shallow groundwater exists at the site at approximately 1.1m - 1.4m below existing ground levels within the superficial geological deposits (primarily sands). This was demonstrated as part of the Factual Report on Groundwater Monitoring Investigation (Ref: 4671-JPG-XX-XX-RP-G-0660-S2P01, dated March 2023). As a consequence, groundwater abstraction and its subsequent discharge will be required onsite, specifically during the installation of underground services (drainage) and excavation of building foundations.

As agreed with NRW, there are multiple excavations planned and where groundwater is encountered at these points it will be abstracted. NRW consider the abstractions to be from only source of supply (superficial sands aquifer), therefore only one licence is required. The MCWY Ground Water Comments Nr 1 & 2 uploaded in the previous section give an idea of the potential excavation abstraction points in relation to the measured groundwater level (AOD). The AOD is derived from the Groundwater Monitoring Investigation completed by JPG (Ref: 4671-JPG-XX-XX-RP-G-0660-S2-P01). Further consultation can be had in relation to the abstraction point if required.

Dewatering Services Limited are the contractor whom will be supplying the dewatering equipment. They have supplied the equipment details as requested above. Mecon Ltd are the groundworkers who will be carrying out the dewatering. The following equipment to be used as part of the abstraction and subsequent discharge process have been summarised below.

Abstraction will be completed using a wellpoint and riser system before being pumped to the temporary storage lagoons. Dewatering Services Limited will utilise a diesel driven abstraction piston pump (Selwood S100 S/S Auto Start 4" Pump) with a maximum pumping capacity of 90 m³ / hour. At all times a duty and a standby pump will be available in case of equipment failure. The piston pump is connected to a 150mm header main (160m length) that is connected to the 38mm diameter wellpoints that are installed to 6m below ground level. Following abstraction, the groundwater will be pumped to the 4 no. temporary holding lagoons (lined). The location of the lagoons (areas 3a - 3d) can be seen in the Marshall's Site Preparation Drawing attached below. Please note this drawing has been annotated over the original JPG Site Drainage Plan.

A diesel powered piston pump (Selwood S100 S/S Auto Start 4" Pump) will be utilised to pump the water from the 4 no. temporary holding lagoons via a suction hose to the 1500 Gallon Selwood Settlement Tank which will provide primary treatment of the abstracted groundwater to reduce solid content. A flow meter will be installed at the outlet of the settlement tank to measure the volume of flow before final discharge into the surface water drainage ditches. Marshall's will take a photograph of the flow meter at the start and end of the project to record the overall discharge. Another pump system will then be used to pump the groundwater from the settlement tank to the final point of discharge at the closest headwall (HW 1, 5, 10 & 12) before discharge into the adjacent drainage ditches. The location of these headwalls can be seen in the JPG Proposed Drainage Layout (Ref: 4671-JPG-PB-ZZ-DR-D-1400-S4, P04, dated 06/02/2023) attached below.

Pre-application discussions with Mary Beckett (Ref: PPN-01034) confirmed that the removal of groundwater from onsite excavations will require a 'Water Resources Licence (Transfer)'. Mary Beckett (Senior Officer – Water Resources Permitting NRW) has confirmed in writing that the 'transfer licence' authorises Marshalls to abstract groundwater from one supply and transfer to another source of supply without any intervening use, over a period of 28 days or more. During the pre-application discussions NRW confirmed that the multiple points of abstraction from each excavation can be dealt with as one abstraction point.

Pre-application discussions have been held with Sally Sheehan (NRW) in relation to the subsequent discharge of groundwater to the surrounding surface water drainage ditches under the NRW reference PPN-01035. The first three months of discharge will be undertaken under the cover of RPS 261 titled 'Temporary dewatering from excavations to surface water'. The first date of discharge in line with this exemption is expected to be the 1st January 2024 (subject to change). Following the time limit expiration of RPS 261, a discharge licence will be in place to allow the continued discharge to the surrounding drainage ditches. Marshalls have confirmed that headwalls 1, 5, 10 & 12 shown on the drainage plan (Ref: 4671-JPG-PB-ZZ-DR-D-1400-S4, P04, dated 06/02/2023) submitted as part of this application will be utilised for the discharge of groundwater.

Summary of proposal

- File: JPG Site Preparation Handover Areas 1 Annotated Over Drainage Strategy.pdf - [Download](#)
- File: JPG Proposed Drainage Layout (Ref 4671JPGPBZZDRD1400S4P04 (A0)).pdf - [Download](#)

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 Robert Tinsley RJT Consulting Partnerships Ltd

Print name Robert Tinsley RJT Consulting Partnerships Ltd

Position Director - RJT Consulting Partnerships Ltd

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

- File: Letter of Authorisation.pdf - [Download](#)

Date

* 18/09/2023

Would you like a copy of your submission?

Yes

Your email address

bprescott@rjtconsulting.co.uk