1. **Could you confirm if are you planning to abstract all year round ?**
We are not planning to abstract all year round.
2. **Are you going to be the proposed reservoir for direct irrigation during the summer ?**

Yes
3. **Form B – Section B13 – for each abstraction location the entire row needs to be complete - Month the abstraction period starts, Month the abstraction period ends, Maximum annual volume M3/yr, Maximum daily amount  M3/d, Maximum hourly amount M3/hr, Numbers of hours per day water is abstracted and Maximum flow rate (litres per second).**

Please see the attached document labelled ‘B13 Abstraction details’

1. **Details of how you calculated the amount of water you intend to abstract**

Following a conversation with the Pre-advice team the amount of water we wish to abstract was calculated using planned cropping and crop requirement data. The pre-advice team advised 300mm of water to be applied to a Potato/ root crop (80ha grown) and 100mm of water be applied to cereal crops (320ha grown).

Please see the attached document ‘Table of Water needed for Spray irrigation’ for further details.

1. **Additional documents or supporting information about operational rates of the pumping equipment.**

The pumping equipment to be used has still not been finalised. This information will be provided once the specification of the equipment has been agreed.

1. **Additional documents or supporting information about water efficiency measures.**

The completely new installation of fixed infrastructure and application apparatus will ensure the efficient usage of water. There will however be stringent procedures in place to regularly conduct maintenance and check for any physical faults and leaks.

Staff will be provided with adequate training to monitor and maintain apparatus as well as efficient water usage practices. Staff will be aware of soil surface run off and will actively seek to avoid this when irrigating.

New equipment will ensure easy management of irrigating and make night time water applications less onerous to administer.

The farm is currently in a period of transition to resource efficient management practices. These practices are focussed around improving soil organic matter and reducing moisture evaporation from the soil. The practices being introduced include;

* Reducing tillage intensity across the rotation over a 5 year period.
* Increasing compost applications.
* Introducing cover crops into the rotation.
* Increasing the area of straw chopped behind the combine where agronomically possible.

1. **Additional documents with specifications of any proposed reservoir construction.**

Planning site designs are attached showing detail of the size, height, depth, gradient of slope and location of the proposed reservoir.

The construction of the reservoir will adhere to, and comply with, the following legislation;

* The Countryside Rights of Way Act 2000
* The Flood and Water Management Act 2010
* The Land Drainage Act 1991
* The Reservoirs Act 1975
* The Town and Country Planning Act 1990
* The Water resources Act 1991 and The Water Act 2003
* The Wildlife and Countryside Act 1981

1. **Further information to support your hourly and daily abstraction rates. For example: pump capacity by hours run, specifications of equipment/processes or industry recommendations/standards used.**

Hi Alex,

I have additional questions to add to the email below.

Could you confirm if are you planning to abstract all year round ?

Are you going to be the proposed reservoir for direct irrigation during the summer ?

Due to the importance of the missing documents I am giving a deadline of 24th June 2022 to get back to me. It may help reduce your overall application timescale if you are able to submit this information to us soon.

Mohsan Ali Mahmood

Permitting Officer (Water Resources - National Permitting Service)

Environment Agency | Quadrant 2, 99 Parkway Avenue, Parkway Business Park, Sheffield, S9 4WF

Mohsan.Mahmood@environment-agency.gov.uk

External: 020 302 25402 | Jabber: 25402

**From:** Mahmood, Mohsan
**Sent:** 15 June 2022 14:55
**To:** aolivant@activebp.com
**Subject:** RFI - The Executors & Trustees of Captain Elwes Will (NPS/WR/033938) - Abstraction Licence

Hello Alex,

Application number - NPS/WR/033938

I am emailing to confirm the call we had yesterday. I am currently undertaking preliminary checks of your abstraction licence application. Please note that this check is not our full technical checks and your application is still on our work queue awaiting allocation to an officer.

Upon reviewing your application we have noted that we still need the following information from you. We are asking you to send this information now so that when your application is allocated to one of our officers they will be able to complete the technical checks and determine it as quickly as possible. We may need to ask you for further information as part of the technical checks and determination.

In order to complete the preliminary checks, I will need the following information:

* Form B – Section B13 – for each abstraction location the entire row needs to be complete - Month the abstraction period starts, Month the abstraction period ends, Maximum annual volume M3/yr, Maximum daily amount  M3/d, Maximum hourly amount M3/hr, Numbers of hours per day water is abstracted and Maximum flow rate (litres per second).
* Details of how you calculated the amount of water you intend to abstract
* Additional documents or supporting information about operational rates of the pumping equipment.
* Additional documents or supporting information about water efficiency measures.
* Additional documents with specifications of any proposed reservoir construction.
* Further information to support your hourly and daily abstraction rates. For example: pump capacity by hours run, specifications of equipment/processes or industry recommendations/standards used.

Please quote your application number on all correspondence with us [NPS/WR/033938]. This will allow us to process any information that you send to us and ensure it is logged in the right place ready for determination.

Due to the importance of the missing documents I am giving a deadline of 24th June 2022 to get back to me. It may help reduce your overall application timescale if you are able to submit this information to us soon.

Dealing with the impact of COVID-19.

We are following Government advice to manage the risks of Coronavirus to our organisation, to protect the health, safety and wellbeing of our staff and sustain our critical operations.

In line with government advice, all of our permitting staff are now working remotely to reduce unnecessary contact.

Wherever possible, please use email or phone as not all our buildings are open to access the post.

In the meantime if you require any further information or advice please contact us using the details below.

Mohsan Ali Mahmood

Permitting Officer (Water Resources - National Permitting Service)

Environment Agency | Quadrant 2, 99 Parkway Avenue, Parkway Business Park, Sheffield, S9 4WF

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