

**From:** [Tait, Andrew](#)  
**To:** [Ekebuisi, Nnamdi](#)  
**Cc:** [Sanchez Farres, Pau](#); ["Sumner, Lisa"](#); [Woodhouse, Christopher](#)  
**Subject:** RE: Application NPS/WR/033921 - Swarkestone Quarry (Southern Extension)  
**Date:** 26 November 2020 20:23:26  
**Attachments:** [image002.jpg](#)

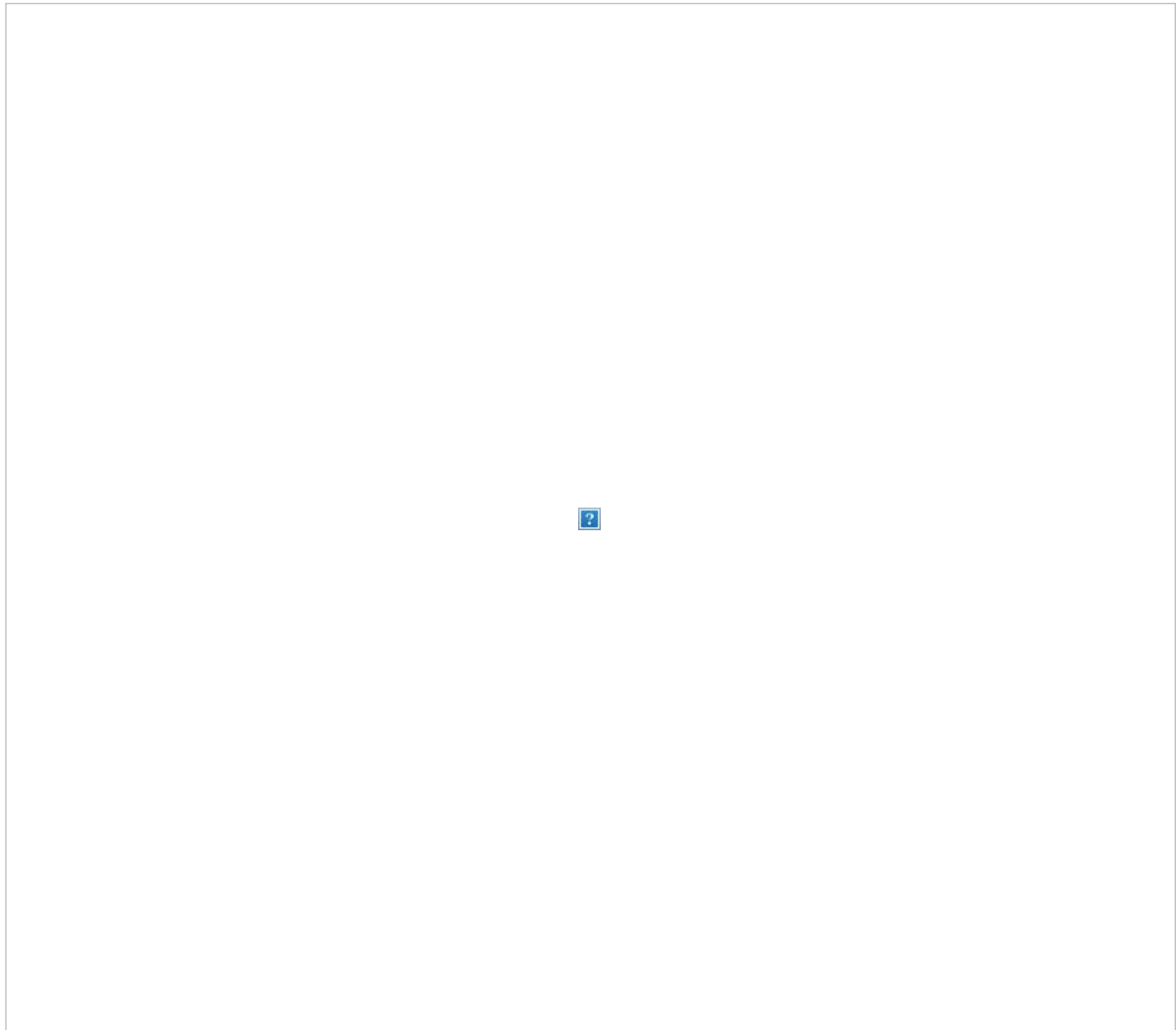
---

Thanks Nnamdi

Having checked co-ordinates closer, we are also at risk of cutting off a little bit in the west and north east. Can the advertising proceed on the basis of the co-ordinates below please? I updated north west and north east.

- 1 - SK 33096 27121 (south west)
- 2 - SK 34113 27274 (south east)
- 3 - SK 33030 27800 (north west)
- 4 - SK 33770 28030 (north east)

Regards  
Andrew



---

**From:** Ekebuisi, Nnamdi <nnamdi.ekebuisi@environment-agency.gov.uk>  
**Sent:** 26 November 2020 18:42  
**To:** Tait, Andrew <andrew.tait@stantec.com>; Woodhouse, Christopher <christopher.woodhouse@stantec.com>  
**Cc:** Sanchez Farres, Pau <Pau.SanchezFarres@environment-agency.gov.uk>; 'Sumner, Lisa' <lisa.sumner@tarmac.com>  
**Subject:** RE: Application NPS/WR/033921 - Swarkestone Quarry (Southern Extension)

Hi Andrew,

Thanks for providing the information, responses are satisfactory and sufficient to accept the application as technically valid – please find attached formal acknowledgement which is self-explanatory but if you do have any questions then just let me know.

Regarding the abstraction NGRs – I see your point about the cutting off of the southern part of the abstraction area, I have amended the 3<sup>rd</sup> NGR in your application to SK 33096 27121 to ensure that any licence issued encompasses the whole extraction area shown in the schematics: so the abstraction NGRs will be SK 33183 27790, SK 33693 27990, SK 33096 27121 and SK 34113 27274 (see attached). We'll advertise the application on

this basis on receipt of your confirmation – to guarantee getting your application in the newspaper before the Christmas period I'll need confirmation as soon as possible. To clarify, any licence issued will outline the entire extraction area anyway to ensure the relevant areas are covered.

I'll proceed with the other aspects of the determination in the mean time and will get in touch to discuss licence requirements etc in due course. If you could keep me posted on progress with the derogation consent too that would be greatly appreciated.

Feel free to give me a call at any time if you wish to discuss your application

Many thanks,  
Nnamdi

---

**From:** Tait, Andrew [<mailto:andrew.tait@stantec.com>]

**Sent:** 24 November 2020 21:47

**To:** Ekebuisi, Nnamdi <[nnamdi.ekebuisi@environment-agency.gov.uk](mailto:nnamdi.ekebuisi@environment-agency.gov.uk)>; Woodhouse, Christopher <[christopher.woodhouse@stantec.com](mailto:christopher.woodhouse@stantec.com)>

**Cc:** Sanchez Farres, Pau <[Pau.SanchezFarres@environment-agency.gov.uk](mailto:Pau.SanchezFarres@environment-agency.gov.uk)>; 'Sumner, Lisa' <[lisa.sumner@tarmac.com](mailto:lisa.sumner@tarmac.com)>

**Subject:** RE: Application NPS/WR/033921 - Swarkestone Quarry (Southern Extension)

Hi Nnamdi

Thanks for your email, and see responses below. Any attachments referred to below are available from link below, with some small items simply attached to this email....

FTP link: <https://tmsftp.stantec.com>

Login name: s1208134944

Password: 9739591

Hopefully you have everything but please call me if you have any queries on 01743 276139

Regards  
Andrew

**Andrew Tait**  
Principal Consultant

Direct: +44 1743 276139

Mobile: +44 7703 678709

---

**From:** Ekebuisi, Nnamdi <[nnamdi.ekebuisi@environment-agency.gov.uk](mailto:nnamdi.ekebuisi@environment-agency.gov.uk)>

**Sent:** 20 November 2020 17:33

**To:** Woodhouse, Christopher <[christopher.woodhouse@stantec.com](mailto:christopher.woodhouse@stantec.com)>

**Cc:** Sanchez Farres, Pau <[Pau.SanchezFarres@environment-agency.gov.uk](mailto:Pau.SanchezFarres@environment-agency.gov.uk)>; Tait, Andrew <[andrew.tait@stantec.com](mailto:andrew.tait@stantec.com)>; 'Sumner, Lisa' <[lisa.sumner@tarmac.com](mailto:lisa.sumner@tarmac.com)>

**Subject:** Application NPS/WR/033921 - Swarkestone Quarry (Southern Extension)

Hi Chris,

This application has been allocated to me and I will be responsible for its determination. I've had a look through the documents – before I can formally accept as technically valid, I just need to clarify a few details before I can proceed:

Form B, part 10.1 (abstraction locations) – one of the National Grid References (NGRs) provided - SK 34036 27200 - does not correspond with the site schematic submitted. Consequently, I have updated this to SK 34113 27274 to match the excavation area provided in your plan – please check and confirm.

I presume you are referring to attached plan "Abstraction\_discharge Locations.pdf". That's fine as long as it enable extraction from the full extraction area shown in yellow the same figure. If this is defined by drawing a line between SK33110 272250 and SK34113 27274 would this cut off part of the extraction area in the south?

Form B, part 6 (discharge details) – the application makes reference to table 2.2 of application supporting document ref 67210TN1. Similarly, the NGRs in that document do not correspond with the schematic submitted – NGRs for the river Trent match up to be: SK 33200 27870 and SK 34103 27306 marked 'Q1' and 'Q2' respectively in the attached For the Milton Brook - SK 33098 27244 and SK 33797 27227 marked 'Q3' and 'Q4' respectively in the attached – please verify and confirm.

The co-ordinates in 67210TN1 are consistent with current discharge activity permit T/36/46073/T. River Trent - outlet 2 on permit T/36/46073/T (Reach SK 33970 27330 to SK 33200 27870) matches well with the purple "River Trent Discharge Reach" in attached Abstraction\_discharge Locations.pdf as far as I can see.

Milton Brook discharge is not currently in the discharge permit and therefore not included in Table 2.2 of 67210TN1. The co-ordinates you quote above for the Milton Brook (SK 33098 27244 and SK 33797 27227) do match with the proposed discharge reach to Milton Brook (orange line shown in attached Abstraction\_discharge Locations.pdf).

Further to the above, please can you confirm whether you have put in an application to vary permit T/36/46073/T to add the Milton Brook reach?

Submitted 14<sup>th</sup> September. Ref T/36/46073/T/V004. Supporting report (330201435R1) in download material.

Form C4.1 (Means of abstraction) – its noted as surface mounted pump, though I assume abstraction will be facilitated by a sump or sumps within the excavated area. Please confirm.

Yes abstraction from a sump within quarry void which will move as the quarry development progresses through each phase.

Calculation of abstraction quantities – the technical note indicates calculations for the total inflow into the seepage pit, calculated as 11,630m<sup>3</sup>/d (or 0.13m<sup>3</sup>/s), are detailed in the HIA (appendix C). Please can you sign post the calculation to me in the HIA as I have been unable to locate it in there, or provide me with full details of how the daily figure of 11,630m<sup>3</sup> has been arrived at.

See Golder report in download material – (330201435R1 Appendix F HIA and FRA (Sept 2018)) – See Section 6.1.1. The calcs are presented in

Appendix B of that report. We also did a check of these (attached as "Appendix D SWARKES Abstraction calculations v3" which were part of 67210TN1 report).

Licence duration – You indicate the licence may be needed until 2030 (based on Planning Permission - 7-8 years operation + 2 restoration), but correspondence between yourselves and Severn Trent imply that consent to derogate can be made on the proviso that the licence be time limited to 2024? I just wanted to clarify the licence expiry you had in mind most suitable for you

The derogation consent will be time limited, would apply from the date the transfer licence is granted and would cease at 12 am on 1 January 2025. Tarmac will look to extend the derogation agreement before the end date. If it is possible to have the licence to 2030 that is the preferred option, with Tarmac effectively unable to use the licence after 12 am on 1 January 2025 if the derogation consent is not extended.

Consent to derogate – before we can issue any licence, as derogation of licence 03/28/36/0032 cannot be ruled out at this point, we will need the attached WR13 form signed and returned. To clarify, we do not need this before the licence can be validated and advertised, but it will be required prior to licence issue. Please arrange for this to be completed and returned at your earliest convenience

This is in hand and we are almost there with Severn Trent Water Ltd.

With the exception of the consent to derogate form, please provide responses to the above points by no later than Thursday 26<sup>th</sup> November so that I can progress the application. Please give me a call if you wish to discuss.

Hopefully you have everything but please call me if you have any queries on 01743 276139

Kind regards,

**Nnamdi G Ekebuisi**

Senior Permitting Officer (Water Resources - National Permitting Service)

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

[nnamdi.ekebuisi@environment-agency.gov.uk](mailto:nnamdi.ekebuisi@environment-agency.gov.uk)

External: 020 302 53832 | Jabber: 53832

---

Disclaimer: The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately. This communication may come from a variety of legal entities within or associated with the Stantec group. For a full list of details for these entities please see our website at [www.stantec.com](http://www.stantec.com). Where business communications relate to the Stantec UK Limited entity, the registered office is Kingsmead Business Park, London Road, High Wycombe, Buckinghamshire HP11 1JU Tel: 01494 526240 and the company is registered in England as registration number 01188070.

Information in this message may be confidential and may be legally privileged. If you have received this message by mistake, please notify the sender immediately, delete it and do not copy it to anyone else. We have checked this email and its attachments for viruses. But you should still check any attachment before opening it. We may have to make this message and any reply to it public if asked to under the Freedom of Information Act, Data Protection Act or for litigation. Email messages and attachments sent to or from any Environment Agency address may also be accessed by someone other than the sender or recipient, for business purposes.

---

Disclaimer: The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately. This communication may come from a variety of legal entities within or associated with the Stantec group. For a full list of details for these entities please see our website at [www.stantec.com](http://www.stantec.com). Where business communications relate to the Stantec UK Limited entity, the registered office is Kingsmead Business Park, London Road, High Wycombe, Buckinghamshire HP11 1JU Tel: 01494 526240 and the company is registered in England as registration number 01188070.