

## Andrew Lowdon - Queensberry Design Ltd

---

**From:** Les Hall <les.hall@nwl.co.uk>  
**Sent:** 10 November 2016 16:12  
**To:** Andrew Lowdon  
**Cc:** Mark Bayliss (mark.bayliss@miller.co.uk)  
**Subject:** RE: Downstream Defender

Andrew

Thanks as ever for the really great early engagement on this one as it's allowed us to do all of the internal discussions in advance.

I can confirm that I can give you clear "in principle" approval for the use of a Downstream Defender on your site within South Tyneside. I can also confirm that we would be happy, subject to agreeing technical details and finding the most appropriate location for maintenance, for it to be included in the Section 104 sewers put forward for inclusion in the adoption agreement.

Thanks for the technical details, I didn't need them for my boss, he recognises the benefits and I got the green light straight away.

I would like to run them past our Sewerage Maintenance Team only to get their feedback on best location and I'll ask the PM to get their buy in during the technical appraisal. If you want to do that prior to doing the drawings you know the door is open.

Great result as I'm a big fan of these and recognise the real benefits they could bring, particularly during the construction phase where pipes are linked to SuDS.

I'd be really interested with how effective they are during the housing construction phase and the volumes of debris/silt captured. Perhaps Mark might be interested in helping us with some of that, as it could make a great technical paper.

Best Regards

Les

---

**From:** Andrew Lowdon [mailto:andrew.lowdon@queensberrydesign.co.uk]  
**Sent:** 10 November 2016 10:36  
**To:** Les Hall  
**Cc:** Mark Bayliss (mark.bayliss@miller.co.uk)  
**Subject:** RE: Downstream Defender

Hi Les,

As discussed, please find attached the product data and operation manual for the downstream defender.

I am very pleased that NWL would adopt this if required. Would you be able to confirm in writing for me as STC will want certainty of that within the information I am submitting to them.

Kind Regards

Andrew Lowdon  
Engineering Director  
Queensberry Design Ltd

T:- 01670 789834

F:- 01670 789861

E:-[andrew.lowdon@queensberrydesign.co.uk](mailto:andrew.lowdon@queensberrydesign.co.uk)

W:- [www.queensberrydesign.co.uk](http://www.queensberrydesign.co.uk)

---

**From:** Andrew Lowdon

**Sent:** 08 November 2016 15:50

**To:** Les Hall ([les.hall@nwl.co.uk](mailto:les.hall@nwl.co.uk)) ([les.hall@nwl.co.uk](mailto:les.hall@nwl.co.uk)) <[les.hall@nwl.co.uk](mailto:les.hall@nwl.co.uk)>

**Cc:** Mark Bayliss ([mark.bayliss@miller.co.uk](mailto:mark.bayliss@miller.co.uk)) <[mark.bayliss@miller.co.uk](mailto:mark.bayliss@miller.co.uk)>

**Subject:** Downstream Defender

Hi Les,

Mark and I had a meeting with South Tyneside Council earlier today, in which we discussed the use of a downstream defender for water quality.

When you and I last spoke, you noted an interest in adopting a unit as a trial in the region and I wondered if there was any progress on this?

We need to provide STC with our final scheme for planning submission by next week, and I would be keen to have any supporting correspondence from NWL on the use of this product?

Kind Regards

Andrew Lowdon

Engineering Director

Queensberry Design Ltd

T:- 01670 789834

F:- 01670 789861

E:-[andrew.lowdon@queensberrydesign.co.uk](mailto:andrew.lowdon@queensberrydesign.co.uk)

W:- [www.queensberrydesign.co.uk](http://www.queensberrydesign.co.uk)

Scanned by **ITC** SecureSMART

<http://www.itcservice.co.uk>

---

This email has been scanned by the Symantec Email Security.cloud service.

For more information please visit <http://www.symanteccloud.com>

You are reminded that there is no guarantee that the information contained within this e-mail is genuine. It is not possible to verify the original sender of this e-mail, or to ensure that the information contained within has not since been altered.

You are reminded that urgent or sensitive information should not be sent via e-mail, as this is not a secure method of delivery.

This email and its attachments are intended for the addressee only and may be confidential or privileged. If this email has come to you in error, you should take no action based on it. Please return it to the sender immediately and then delete it.

Unless expressly stated, opinions in this message are those of the individual sender and not of Northumbrian Water Limited.

You should be aware that this email, and any reply to it, may need to be made public under right to know legislation, or in connection with litigation. Emails may also be monitored in accordance with our legal responsibilities.

While Northumbrian Water Limited has scanned this email and its attachments for security threats, including computer viruses, we have no liability for any damage which you may sustain as a result of any such viruses. You are advised to carry out your own virus checks before opening any attachment.

Northumbrian Water Limited, registered in England and Wales number 2366703.  
Registered office: Northumbria House, Abbey Road, Pity Me, Durham DH1 5FJ.

[www.nwl.co.uk](http://www.nwl.co.uk)