


From: George Carlin <[REDACTED]@hts.uk.com> 
Subject: FW: 52 - 54 Avenue Road - Piling
Date: 8 March 2023 at 13:22
To: Jon O'Brien <jon.obrien@domvslondon.com>, Max O'Brien <max.obrien@domvslondon.com>, Gary Wait <gary.wait@domvslondon.com>
Cc: [REDACTED]



Hi All,

Forwarding no objection on the piling front from Thames Water. We will file this, but an email to keep on record for future conversations.

George

From: Simon Starling <simon.starling@thameswater.co.uk>
Sent: Wednesday, March 8, 2023 9:58 AM
To: George Carlin <gcarlin@hts.uk.com>
Cc: Alex Birgauan <Alex.Birgauan@thameswater.co.uk>; Devcon Team <devcon.team@thameswater.co.uk>; max.obrien@domvslondon.com; Neil Cameron <NCameron@hts.uk.com>; Milo Gardner <MGardner@hts.uk.com>
Subject: RE: 52 - 54 Avenue Road - Piling

Thanks for the extra information.
From a groundwater protection, I'm satisfied that the development does not pose a risk. Please continue to liaise with Alex and colleagues from a network protection perspective.

Thanks
Simon

Simon Starling

Groundwater Resources Specialist
02035773603 / 07747643603
simon.starling@thameswater.co.uk
Clearwater Court, Vastern Road, Reading, RG1 8DB



Do you visit Thames Water Groundwater sites? You can use Thames Water's [Boreholes App](#) to submit information relevant to the boreholes to improve our understanding.

From: George Carlin <gcarlin@hts.uk.com>
Sent: 08 March 2023 09:23
To: Simon Starling <simon.starling@thameswater.co.uk>
Cc: Alex Birgauan <Alex.Birgauan@thameswater.co.uk>; Devcon Team <devcon.team@thameswater.co.uk>; max.obrien@domvslondon.com; Neil Cameron <NCameron@hts.uk.com>; Milo Gardner <MGardner@hts.uk.com>
Subject: RE: 52 - 54 Avenue Road - Piling

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Hi Simon,

Thanks for getting back to me. Please find attached the boreholes undertaken for the site which display London Clay formation down to 40m below ground level. We did not go deeper than this with the SI for the site.

The London clay formation extends deeper than the reach of available CFA rigs in the UK. Our max toe depth will be circa. 30m b.g.l and therefore 10m above our SI termination. On this basis, we consider TW satisfied should all piles be installed using CFA techniques. We will advise should the piling design change or the toe levels deepen.

Thanks for your quick response on this Simon, much appreciated.

Kind Regards,
George

George Carlin
Senior Structural Engineer

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Registered Office: 16 Chart Street, London N1 6DD

From: Simon Starling <simon.starling@thameswater.co.uk>
Sent: Wednesday, March 8, 2023 9:01 AM
To: George Carlin <gcarlin@hts.uk.com>
Cc: Alex Birgauan <Alex.Birgauan@thameswater.co.uk>; Devcon Team <devcon.team@thameswater.co.uk>; max.obrien@domvslondon.com; Neil Cameron <NCameron@hts.uk.com>; Milo Gardner <MGardner@hts.uk.com>
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George,

CFA piles into the London Clay do not present a significant risk to our groundwater abstractions. If deeper piles are required which penetrate through the base of the London Clay please can you advise me of this.

Thanks
Simon

Simon Starling
Groundwater Resources Specialist
simon.starling@thameswater.co.uk
Clearwater Court, Vastern Road, Reading, RG1 8DB



Do you visit Thames Water Groundwater sites? You can use Thames Water's [Boreholes App](#) to submit information relevant to the boreholes to improve our understanding.

From: George Carlin <gcarlin@hts.uk.com>
Sent: 07 March 2023 17:04
To: Simon Starling <simon.starling@thameswater.co.uk>
Cc: Alex Birgauan <Alex.Birgauan@thameswater.co.uk>; Devcon Team <devcon.team@thameswater.co.uk>; max.obrien@domvslondon.com; Neil Cameron <NCameron@hts.uk.com>; Milo Gardner <MGardner@hts.uk.com>
Subject: 52 - 54 Avenue Road - Piling

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Hi Simon,

Picking up this thread separately from Matthew Curtis's email on 52 – 54 Avenue Road.

Please could you confirm what you will require regarding the piling works on the above project. As background to the project, all piles (both bearing and retaining) are to be bored concrete piles using either CFA or SFA techniques. No displacement or driven piles are proposed on the scheme. All piles are to be 450mm diameter and typically 20m long into the London Clay strata.

Happy to have a quick call if easier, my number is in my signature.

Kind Regards,
George

George Carlin
Senior Structural Engineer

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