

Charles Dunn

From: Technical Sewerage <technical.sewerage@yorkshirewater.co.uk>
Sent: 16 August 2024 13:42
To: Jim Emmerson
Subject: RE: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058 [Filed 16 Aug 2024 14:50]

Categories: Filed by Mail Manager

Hi Jim,

I would accept the 45 l/s maximum surface water discharge via the onsite private dedicated surface water drainage that in turn drains to the 525 mm diameter public sewer in Eldon Street North.

Kind Regards



Chris Roberts

Town Planning Technician
Land & Property

For any Pre-Planning correspondence please email -
technical.sewerage@yorkshirewater.co.uk
For any Planning correspondence please email -
planningconsultation@yorkshirewater.co.uk

From: Jim Emmerson <jim.emmerson@arc-engineers.co.uk>
Sent: Friday, August 9, 2024 3:07 PM
To: Technical Sewerage <technical.sewerage@yorkshirewater.co.uk>
Subject: RE: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058

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Good afternoon Chris,

Following your comments below, please find included in this email and updated version for the existing impermeable areas drawing. I have highlighted the locations of existing gullies and have updated the contributing area which has been reduced.

Due to some of the existing site being buildings originally which have been demolished, the locations of down pipes etc have been lost. Therefore, I have only shown the existing drainage runs and the gully locations.

The revised flow rate is 45.0 l/s after having 30% removed for the betterment.

Could you please confirm if this acceptable to you as soon as possible I would be grateful.

Many thanks.

Kind Regards,
Jim Emmerson
Principal Civil Engineer
Tel - 0113 253 3904
Web - www.arc-engineers.co.uk


Consulting Civil & Structural Engineering
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From: Technical Sewerage <technical.sewerage@yorkshirewater.co.uk>

Sent: Monday, July 22, 2024 11:09 AM

To: Jim Emmerson <jim.emmerson@arc-engineers.co.uk>

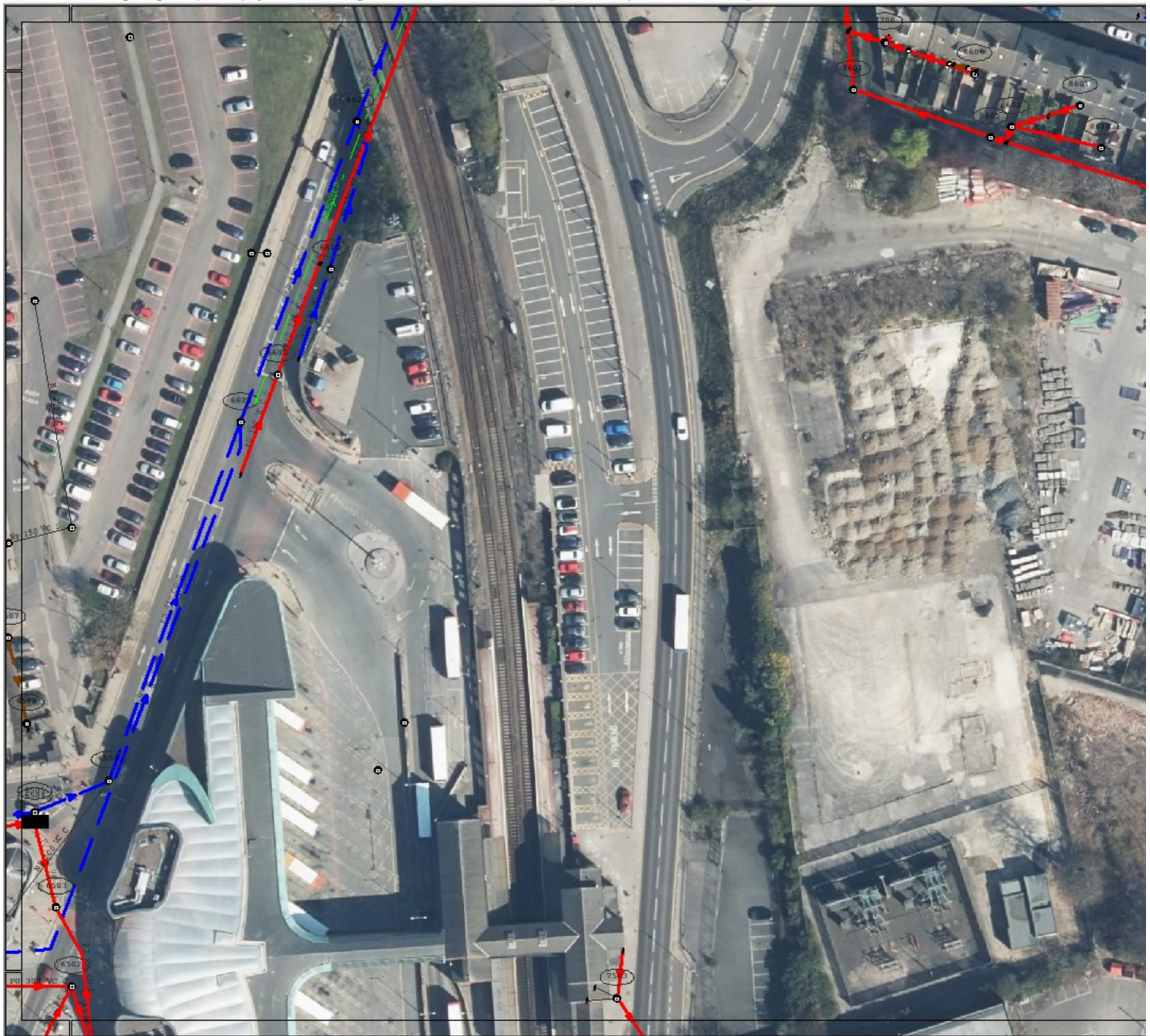
Subject: RE: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058

Hi Jim,

I will need more drainage information in line with the below guidance. While partial drainage has been shown I need to see how the site positively drains at present via existing gullies connecting into this system. There are also areas you have shown shaded green as positively drainage hardstanding that I don't believe are finding their way into the sewer network.

If other methods of surface water disposal are not viable and subject to providing satisfactory evidence as to why they have been discounted, curtilage surface water discharges to the public sewer will be restricted to the level of run-off - i.e. same rate of discharge - to that from the existing use of the site less a 30% reduction in the existing discharge. Any discharge of surface water from the site should discharge to similar points of connection to that of the existing use of the site. You will need to demonstrate positive drainage, based on a 1 in 1 year storm, to the public sewer to Yorkshire Water by means of investigation and calculation carried out at your expense.

To do this, Yorkshire Water requires to see existing drainage layouts with pipe sizes, gradients, gullies, downpipes and connection points, measured impermeable areas of the present use of the site, along with the calculations that show the existing and proposed discharge rate from the site to the public sewer.



OS Landline 1:1,250 381m x 196m SE3406NE 434831,406619 Click on feature to display attributes

Kind Regards



Chris Roberts

Town Planning Technician

Land & Property

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technical.sewerage@yorkshirewater.co.uk

For any Planning correspondence please email

planningconsultation@yorkshirewater.co.uk

From: Jim Emmerson <jim.emmerson@arc-engineers.co.uk>

Sent: Thursday, July 18, 2024 3:56 PM

To: Technical Sewerage <technical.sewerage@yorkshirewater.co.uk>

Cc: Ian Chapman <I.Chapman@tritonconstruction.co.uk>

Subject: RE: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058

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Hi Chris,

I was wondering if you had the chance to review my email response below regarding the pre-dev application for the Skate Park site at Barnsley?

If you could contact me with any comments you may have I would be grateful.

Many thanks

Kind Regards,

Jim Emmerson

Principal Civil Engineer

Tel - 0113 253 3904

Web - www.arc-engineers.co.uk

The logo for ArcEngineers features the word 'Arc' in a purple serif font and 'Engineers' in a blue sans-serif font, with a purple arc above the 'e' in 'Engineers'.

Consulting Civil & Structural Engineering

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 **Please consider the environment before printing this email.**

From: Jim Emmerson

Sent: Wednesday, July 10, 2024 4:59 PM

To: 'Technical Sewerage' <technical.sewerage@yorkshirewater.co.uk>

Cc: 'Ian Chapman' <I.Chapman@tritonconstruction.co.uk>

Subject: RE: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058

Good afternoon Chris,

Thanks for the email response below.

You are correct that we have a current pre-development enquiry and an agreed discharge rate of 27.0 l/s for the adjacent site (as can be seen in the attached Sketch SK001).

The site we are wanting to apply for is next door to the Youth Zone project and is known as the Skate Park in green on the attached sketch drawing.

Also indicated is the existing positively drained areas and flow rates for your information.

I have also included the proposed Surface Water discharge rate. The 1 in 2 year storm flow is 93.8 l/s, we are proposing a 30% betterment with a site restriction of 66.0 l/s.

If you could please review the attached and let me know your comments I would be grateful.

If you need any further information, please contact me.

Many thanks

From: Technical Sewerage <technical.sewerage@yorkshirewater.co.uk>

Sent: Tuesday, July 9, 2024 11:38 AM

To: Jim Emmerson <jim.emmerson@arc-engineers.co.uk>

Subject: Youth Activity Park, Land of Schwabisch Gmund Way, Barnsley, S71 1AY - Pre-planning Enquiry V535058

Dear Mr Emmerson,

Thank you for your recent enquiry and remittance. Our official VAT receipt has been sent to you under separate cover. Please find enclosed a complimentary extract from the Statutory Sewer Map which indicates the recorded position of the public sewers. Please note that as of October 2011 and the private to public sewer transfer, there are many uncharted Yorkshire Water assets currently not shown on our records.

It is noted the site already has a foul and surface water rate and point of discharge agreed with the YW Pre-Planning Team via email to yourself on letter on 20/05/24 YW Ref **U159116** – see highlighted lines below.

Foul Water Development of the site should take place with separate systems for foul and surface water drainage. The separate systems should extend to the points of discharge to be agreed. Foul water domestic waste can discharge to the 225 mm diameter public combined sewer recorded in Mottram Street, at a point to the north of the site.

Surface Water

As soakaways and discharge to watercourse are not viable options for this site curtilage surface water may discharge to the 525 mm diameter public surface water sewer recorded in Elson Street, at a point to the northwest of the site. The surface water discharge from the site to be restricted to not greater than 27 (twenty seven) litres/second in any storm event.

Your drawing BALU-HYD-YAP-XX-DR-C-1000 – Rev P01 and proposal show foul and surface water draining to a private network (possibly combined) and the proposed surface water rate is 99 l/s which is not acceptable without further clarification of how the surface water rate has been calculated and proven to have positively discharged to the public sewer network using the below

guidance. Also if a site is being renovated as per part H3 surface water should always discharge to a surface water network when available over a combined network.

If other methods of surface water disposal are not viable and subject to providing satisfactory evidence as to why they have been discounted, curtilage surface water discharges to the public sewer will be restricted to the level of run-off – i.e. same rate of discharge – to that from the existing use of the site less a 30% reduction in the existing discharge. Any discharge of surface water from the site should discharge to similar points of connection to that of the existing use of the site. You will need to demonstrate positive drainage, based on a 1 in 1 year storm, to the public sewer to Yorkshire Water by means of investigation and calculation carried out at your expense.

To do this, Yorkshire Water requires to see existing drainage layouts with pipe sizes, gradients, gullies, downpipes and connection points, measured impermeable areas of the present use of the site, along with the calculations that show the existing and proposed discharge rate from the site to the public sewer.

Kind Regards



Chris Roberts
Town Planning
Land & Property
Email – Chris.Roberts@Yorkshirewater.co.uk
My normal working hours are between 8am–4.30pm

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