

From: McDermott, Daniel <Daniel.McDermott@uuplc.co.uk>
Sent: 22 June 2016 14:26
To: Robert Eastaff
Subject: RE: DE2342: Wastewater Predevelopment Enquiry Marsh Lane, New Mills (30212) due 8/7/16

Good Afternoon

6.2l/s is acceptable

If I can be of any further assistance please don't hesitate to contact me.

Regards

Daniel McDermott
Assistant Developer Engineer
Developer Services and Planning
Operational Services
United Utilities
T: 01925679409
Unitedutilities.com

From: Robert Eastaff [mailto:robert.eastaff@ironsidefarrar.com]
Sent: 21 June 2016 17:24
To: McDermott, Daniel <Daniel.McDermott@uuplc.co.uk>
Cc: Wastewater Developer Services <WastewaterDeveloperServices@uuplc.co.uk>; Ian Calder <Ian.Calder@forrest.co.uk>; Simon Gough <simon.gough@ironsidefarrar.com>
Subject: RE: DE2342: Wastewater Predevelopment Enquiry Marsh Lane, New Mills (30212) due 8/7/16

Our Ref: 30212

Date: 21/06/16

Hi Daniel,

Many thanks for your response. We will of course take into account the ground conditions within the final design. If however soakaways are not viable, would you consider a slight increase in SW discharge rate to the combined sewer?

To achieve UU's 100mm minimum orifice requirements, for a flow of 5.0 l/s the head for a typical vortex flow control is only 1.4m. The system we have designed uses a head of 2.1m to make better use of the large diameter pipes and to use the storage available within a surface feature like a swale or underground crate storage (set above the 30 year water level). The flow produced with a 2.1m head is 6.2 l/s with a minimum 100mm diameter orifice.

Please would you reconsider either allowing the 6.2 l/s SW discharge rate OR accepting the use of a smaller diameter orifice (less than 100mm) so that we can make better use of the large diameter pipes proposed for adoption and other storage features closer to the surface?

Regards,

Rob

Robert Eastaff | Ironside Farrar | 3 Worsley Court | Worsley | Manchester |M28 3NJ |
Tel: 0161 703 8801 | Fax: 0161 703 8279 | Web:ironsidefarrar.com

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Ironside Farrar Limited is a limited company registered in Scotland, registration number: 109330 registered address:
111 McDonald Road, Edinburgh,
EH7 4NW.

From: McDermott, Daniel [mailto:Daniel.McDermott@uuplc.co.uk]

Sent: 21 June 2016 14:28

To: Robert Eastaff <robert.eastaff@ironsidefarrar.com>

Cc: Wastewater Developer Services <WastewaterDeveloperServices@uuplc.co.uk>

Subject: RE: DE2342: Wastewater Predevelopment Enquiry Marsh Lane, New Mills (30212) due 8/7/16

Good Afternoon Rob,

We have carried out an assessment of your application which is based on the information provided; this pre development advice will be valid for 12 months.

Foul will be allowed to drain to the public combined sewer network. Our preferred point of discharge would be to the 225mm combined sewer on Marsh Lane at an unrestricted rate.

Surface water from this site must drain to soak away or some other form of infiltration system but if ground conditions confirm that this is not a viable solution all surface water can drain to the 225mm combined sewer on Marsh Lane at a maximum pass forward flow of 5l/s.

Although we may discuss and agree discharge points & rates in principle, please be aware that you will have to apply for a formal sewer connection. This is so that we can assess the method of construction, Health & Safety requirements and to ultimately inspect the connection when it is made. Details of the application process and the form itself can be obtained from our website by following the link below

<http://www.unitedutilities.com/connecting-public-sewer.aspx>

You may wish to offer the proposed new sewers for adoption. United Utilities assess adoption application based on Sewers adoption 6th Edition and for any pumping stations our company addenda document. Please refer to link below to obtain further guidance and application pack:

<http://www.unitedutilities.com/sewer-adoption.aspx>

Please be aware that on site drainage must be designed in accordance with Building Regulations, National Planning Policy, Planning Conditions and local flood authority guidelines, we would recommend that you liaise and make suitable agreements with the relevant statutory bodies.

If I can be of any further assistance please don't hesitate to contact me.

Regards

Daniel McDermott
Assistant Developer Engineer
Developer Services and Planning

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From: Robert Eastaff [mailto:robert.eastaff@ironsidefarrar.com]
Sent: 16 June 2016 17:28
To: Wastewater Developer Services <WastewaterDeveloperServices@uuplc.co.uk>
Cc: Ian Calder <Ian.Calder@forrest.co.uk>
Subject: Wastewater Predevelopment Enquiry Marsh Lane, New Mills (30212)

Our Ref: 30212
Date: 16/06/16

Dear Sirs,

On behalf of our client Forrest please find attached completed wastewater predevelopment enquiry for a site known as Marsh Lane, New Mills.

Please can you confirm the point of connection and discharge rates proposed are acceptable to UU?

If you require any further information to progress the enquiry please do not hesitate to contact me.

Regards,

Rob

Robert Eastaff | Ironside Farrar | 3 Worsley Court | Worsley | Manchester |M28 3NJ |
Tel: 0161 703 8801 | Fax: 0161 703 8279 | Web:ironsidefarrar.com

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