From: Huang, Wen
To: Paul Barkley; Heidi Coleman; Ann Lafferty
Cc: Tsai, Andrew
Subject: RE: Fw: WSSC Sewer map for SSIS
Date: Thursday, September 20, 2018 3:43:00 PM

Hello Paul,

Thank you very much for the detailed information. The drainage load is calculated based on surface area, so I would think whatever WSSC is going do should not affect how we treat the drainage issue and storm drainage calculation. But I could be wrong since I am not an engineer. I will definitely pass your information to our engineers to be on board. And we will schedule coordination meeting with WSSC to see how we can work together. It looks like you brought WSSC in at a good timing. Thank you very much.

Wen Huang
301-495-2466

From: Paul Barkley <pbarkley@bluecrabsoftware.com>
Sent: Thursday, September 20, 2018 3:36 PM
To: Huang, Wen <wen.huang@montgomeryparks.org>; Heidi Coleman <heidi.l.coleman@gmail.com>; Ann Lafferty <lafferty_ann@yahoo.com>
Cc: Tsai, Andrew <andrew.tsai@montgomeryparks.org>
Subject: RE: Fw: WSSC Sewer map for SSIS

Wen,

I understand that you're focused on draining the SSIS park, which is clearly a basin that collects water. However, as noted in the materials forwarded to you, there was definitely a sanitary sewer line from the school that ran south across the property as noted on the map and exited down Boston Avenue and joined the Boston Avenue sewer line. Supposedly that line was capped when the school was closed, but as you know, old sewer lines were typically made from vitreous products and over time they crack and let sewage out into the ground, and ground water into the sewage pipe. That pipe under the park no longer has sewage flowing in it, but it may very well be letting ground water from your basin into the sanitary sewer pipe.

And no, these were never the same pipes anywhere—that's not how storm and sanitary sewers are constructed. They're completely separate systems. What this means to you is that ***your engineers need to take this into consideration*** because we're going to do everything we can to stop any groundwater flows into this pipe and on to the Boston Avenue sewer. If, in fact, part of this SSIS basin is being drained by water entering the sanitary sewer, when that is eventually capped you're going to have that much more water to deal with, which might be an expensive surprise to you and your project.

Now, no one knows for sure if this pipe is letting groundwater into our sanitary sewer, but it appears highly likely, given the age of the pipe and the way things were handled when it was disconnected.

It should have been disconnected at the Boston Avenue sewer end, not just capped at the school end, which is likely what happened. Until WSSC determines whether that old school sewer line is completely disconnected from the sewer through video or other inspection, your engineers need to consider that they may have even more stormwater to deal with than they were expecting.

So please make sure you pass this information on to the engineers designing the drainage of the SSIS property. Thanks.

Regards,
Paul Barkley on Boston Avenue

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From: Huang, Wen <wen.huang@montgomeryparks.org>
Sent: Thursday, September 20, 2018 2:17 PM
To: Heidi Coleman <heidi.l.coleman@gmail.com>; Ann Lafferty <lafferty_ann@yahoo.com>
Cc: Tsai, Andrew <andrew.tsai@montgomeryparks.org>; Paul Barkley <pbarkley@bluecrabsoftware.com>
Subject: RE: Fw: WSSC Sewer map for SSIS

Heidi,

Thank you for contacting me. I can't answer your question at this time until we know what WSSC's scope is. Our focus is on the stormwater management that is required for new construction, and solve the drainage issue within the park boundary. WSSC is probably focus more on the sewage issue. These are two different systems. We are not sure if in the old time, WSSC has the two systems ran in same pipe, but we still need to address the storm drainage. We will know more after coordinating with WSSC.

Wen Huang
301-495-2466

From: Heidi Coleman <heidi.l.coleman@gmail.com>
Sent: Thursday, September 20, 2018 2:10 PM
To: Ann Lafferty <lafferty_ann@yahoo.com>
Cc: Tsai, Andrew <andrew.tsai@montgomeryparks.org>; Huang, Wen <wen.huang@montgomeryparks.org>; pbarkley@bluecrabsoftware.com
Subject: Re: Fw: WSSC Sewer map for SSIS

Ann,
Thank you for sharing these details.

Wen,
With the work that WSSC is doing, does that mean that fewer modifications will be needed in SSI Park to address drainage issues?

Thank you,
Heidi Coleman

On Fri, Sep 14, 2018 at 11:53 AM Ann Lafferty <lafferty_ann@yahoo.com> wrote:

> Andrew and Wen -
> I am forwarding more details related to the posting from the North Takoma Park list serv, which I sent you earlier today.
>
> The attached slides were used by the neighbors in a presentation to WSSC, as I understand it. These neighbors are having repeated sewage backed up into their homes. Some feel the water surge is related to the water from SSI Park.
>
> I sincerely hope that you, Andrew and Wen, will work with Paul and the neighbors, so that Parks Dept and WSSC can improve the water problems.
>
> I suggest you contact Paul, as he very knowledgeable about the sewage issues and has been advocating with WSSC for quite a while, though he is not the only neighbor involved.
>
> thank you,
> Ann
>
> ----- Forwarded Message -----
> **From:** Paul Barkley <pbarkley@bluecrabsoftware.com>
> **To:** lafferty_ann@yahoo.com <lafferty_ann@yahoo.com>
> **Sent:** Friday, September 14, 2018, 11:47:20 AM EDT
> **Subject:** WSSC Sewer map for SSIS
>
> Hi Ann, I got your VM this morning, and left you a call on both your home and work numbers. I wasn't sure which one you wanted me to use.
>
> I've attached the PowerPoint slide deck that we used in our first meeting with WSSC. The last slide shows the abandoned sewer line from the school, along with some notes. Our concern is that this old pipe is probably cracked, as many are, and may be letting ground water in… OK, we just spoke on the phone, so no need for more explanations! I look forward to the park planning process taking this into consideration and coordinating, we would hope, with WSSC.
>
> Regards,
>
> Paul
>
> **Blue Crab Software, LLC**

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