

**From:** [Keenan, Sean P](#)  
**To:** [Snyder, Michael](#); [Smith, Kenneth D](#)  
**Cc:** [Jim McEvily](#)  
**Subject:** RE: Plug Power Sanitary Sewer Loading  
**Date:** Friday, November 19, 2021 3:21:54 PM  
**Attachments:** [image006.png](#)  
[image007.png](#)

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Hello Mick,

Based on the responses you have provided documenting there will be no process discharge from a contaminated manufacturing waste stream, the county will not require a permit for this site. The discharge of non-contact cooling water or other uncontaminated water will not require a permit. If there is a source of water discharged that is contaminated, the county will need to review the process before discharge.

Thank you for the follow up,  
Sean

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*Sean P. Keenan*

Pretreatment Coordinator  
Monroe County Department of Environmental Services  
Office of Industrial Waste  
145 Paul Road, Bldg. 1  
Rochester, NY 14624  
Phone:(585)753-7658  
Cell Phone: (585) 509-2814  
E-mail: [skeenan@monroecounty.gov](mailto:skeenan@monroecounty.gov)

**From:** Snyder, Michael <MSnyder@plugpower.com>  
**Sent:** Friday, November 19, 2021 1:52 PM  
**To:** Keenan, Sean P <SKeenan@monroecounty.gov>; Smith, Kenneth D <kensmith@monroecounty.gov>  
**Cc:** Jim McEvily <jmcevily@jwdanforth.com>  
**Subject:** FW: Plug Power Sanitary Sewer Loading

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Sean/Ken – please see below for the rest of the RFI information you had requested. This is the flow of DI water noted which is a closed loop for cooling & does not pick up or mix with any chemicals.

Jim McEvily is cc'd on this email as a representative contractor from Danforth as they are waiting to make a connection to the sanitary sewer. Please reply to all so we can get things in order as quickly

as possible to make the connection. Please let me know if we need to proceed with an industrial sewer permit.

Thanks,



**Mick Snyder, CIH, CSP**

Environmental, Health & Safety Manager - Rochester Operations

**PLUG POWER** | 650 Mile Crossing Boulevard | Suite 3 | Rochester, NY 14624

**PLUG POWER** | 1025 John Street | West Henrietta, NY 14586

**M: 518-527-0666**

[plugpower.com](http://plugpower.com)



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**From:** Voorheis, Timothy <[TVoorheis@plugpower.com](mailto:TVoorheis@plugpower.com)>

**Sent:** Friday, November 19, 2021 1:22 PM

**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>; Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>

**Cc:** Ken Burns <[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>; Stratton, Michael <[MStratton@plugpower.com](mailto:MStratton@plugpower.com)>

**Subject:** RE: Plug Power Sanitary Sewer Loading

Mick,

Based on my calculations, after all equipment is installed in 2024, I anticipated an outflow of:

~13000 gallons per day over 3 shifts (full 24 hours) of DI water including factors of flow, diversity, and # of shifts of operation for all the equipment intended to exit through the DI water drains. ~1/3 of the amount requirement above is for the drainage associated for the creation of the DI water (~3200 gallon/day). This portion of the drainage hits a different sanitary drain from the building separate from the DI water drainage system that we have added and are ready to tie in.

The largest slug assumed for the DI system drainage would be ~50gpm based on the highly unlikely event of all max outflows were to draining at once. Again, that is based on 38gpm going out process DI drainage and assuming that 33% on top of that would be needed to create the additional DI water to maintain the system level. Again, this makeup water drainage hits a separate exiting sanitary line for exiting the building.

If more information than this is required for the permission to tie in, please let me know. Please pass along the information asap as we are seeking to get permission to tie this drainage in asap. My apologies for the amount of time it has taken to pull this information together.

Thanks,

Tim

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**From:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Sent:** Saturday, November 6, 2021 10:25 AM  
**To:** Voorheis, Timothy <[TVoorheis@plugpower.com](mailto:TVoorheis@plugpower.com)>  
**Cc:** Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

That would be great , Thank you

Jim McEvily  
John W. Danforth  
930 Old Dutch Rd  
Victor New York 14564  
Project Manager  
[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)  
C: 585-465-0316  
O: 585-924-7030



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**From:** Voorheis, Timothy [<mailto:TVoorheis@plugpower.com>]  
**Sent:** Friday, November 5, 2021 6:01 PM  
**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Cc:** Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>  
**Subject:** Re: Plug Power Sanitary Sewer Loading

Sorry Jim.

This is my delay. Lots going on over here. I will try to pull the information together over the weekend and have it for you on Monday.

-Tim

On Nov 5, 2021, at 4:12 PM, Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)> wrote:

Thanks Mick , probably gonna reach out next week to get this moving

Tim , do you have any more info for the process sewer ? Do you have some sort of flow info ?

Jim McEvily  
John W. Danforth  
930 Old Dutch Rd

Victor New York 14564  
Project Manager  
[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)  
C: 585-465-0316  
O: 585-924-7030  
<image001.jpg>

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**From:** Snyder, Michael [<mailto:MSnyder@plugpower.com>]  
**Sent:** Thursday, November 4, 2021 3:05 PM  
**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

Yes Tim Voorheis. I did send an email to Sean & Ken & cc'd you.

Thanks,  
**Mick Snyder, CIH, CSP**  
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<image003.png>

Environmental, Health & Safety Manager - Rochester Operations

**PLUG POWER** | 650 Mile Crossing Boulevard | Suite 3 | Rochester, NY 14624

**PLUG POWER** | 1025 John Street | West Henrietta, NY 14586

**M: 518-527-0666**  
[plugpower.com](http://plugpower.com)

<image005.png>

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**From:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Sent:** Thursday, November 4, 2021 2:55 PM  
**To:** Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

Sorry for asking again if I did ask earlier , but do you have a contact at MCDES

When you say Tim , do you mean Tim Voorheis ?

Jim McEvily  
John W. Danforth  
930 Old Dutch Rd  
Victor New York 14564  
Project Manager  
[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)  
C: 585-465-0316  
O: 585-924-7030

<image001.jpg>

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**From:** Snyder, Michael [<mailto:MSnyder@plugpower.com>]  
**Sent:** Thursday, November 4, 2021 2:32 PM  
**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>; Voorheis, Timothy <[TVoorheis@plugpower.com](mailto:TVoorheis@plugpower.com)>  
**Cc:** Ken Burns <[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>; Kurt P. Kubli <[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)>; Bruce Bowes <[bbowes@jwdanforth.com](mailto:bbowes@jwdanforth.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

Jim – I don't have that info & waiting for Tim to get me estimates to submit to MCDES. I did submit all of the other info they requested but have not heard back from them on that yet.

Thanks,

**Mick Snyder, CIH, CSP**  
<<image008.jpg>>

<<image003.png>>

Environmental, Health & Safety Manager - Rochester Operations

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<image005.png>

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**From:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Sent:** Thursday, November 4, 2021 2:19 PM  
**To:** Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>  
**Cc:** Ken Burns <[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>; Kurt P. Kubli <[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)>; Bruce Bowes <[bbowes@jwdanforth.com](mailto:bbowes@jwdanforth.com)>  
**Subject:** FW: Plug Power Sanitary Sewer Loading

Mick, do you send Monroe County the added flow info for the D/I as mentioned below ? Have you heard back ?

We would like to get this sewer tied in and backfilled ASAP

Jim McEvily  
John W. Danforth  
930 Old Dutch Rd  
Victor New York 14564  
Project Manager  
[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)

C: 585-465-0316  
O: 585-924-7030  
<image001.jpg>

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**From:** Snyder, Michael [<mailto:MSnyder@plugpower.com>]  
**Sent:** Friday, October 29, 2021 2:37 PM  
**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>; Kurt P. Kubli <[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)>  
**Cc:** [mdshannon@meengineering.com](mailto:mdshannon@meengineering.com); Ken Burns <[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>; Bruce Bowes <[bbowes@jwdanforth.com](mailto:bbowes@jwdanforth.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

I was trying to wait for estimated DI volumes from Tim but I will send them what I have for their RFI & see what they have to say.

Thanks,  
**Mick Snyder, CIH, CSP**  
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Environmental, Health & Safety Manager - Rochester Operations

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[plugpower.com](http://plugpower.com)

<image005.png>  
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**From:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Sent:** Friday, October 29, 2021 1:33 PM  
**To:** Kurt P. Kubli <[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)>; Snyder, Michael <[MSnyder@plugpower.com](mailto:MSnyder@plugpower.com)>  
**Cc:** [mdshannon@meengineering.com](mailto:mdshannon@meengineering.com); Ken Burns <[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>; Bruce Bowes <[bbowes@jwdanforth.com](mailto:bbowes@jwdanforth.com)>  
**Subject:** RE: Plug Power Sanitary Sewer Loading

Mick, where do things stand with Monroe County in regards to connecting the process sewer to the Existing sanitary sewer on the East side of the building .

We are trying to schedule the work to make the connection just outside the south wall and I am being told the county is looking for some flow info . Can you confirm that all the info has been sent to the county ?

Jim McEvily

John W. Danforth  
930 Old Dutch Rd  
Victor New York 14564  
Project Manager  
[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)  
C: 585-465-0316  
O: 585-924-7030  
<image001.jpg>

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**From:** Kurt P. Kubli [<mailto:kpkubli@meengineering.com>]  
**Sent:** Friday, October 29, 2021 11:42 AM  
**To:** Jim McEvily <[jmcevily@jwdanforth.com](mailto:jmcevily@jwdanforth.com)>  
**Cc:** [mdshannon@meengineering.com](mailto:mdshannon@meengineering.com)  
**Subject:** FW: Plug Power Sanitary Sewer Loading

Here is what we sent to Mick Synder at Plug Power.

Kurt P. Kubli, P.E.  
M/E Engineering, P.C.  
300 Trolley Boulevard  
Rochester, NY 14606  
585.288.5590 x 1385  
[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)

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**From:** Kurt P. Kubli  
**Sent:** Friday, October 08, 2021 3:32 PM  
**To:** Snyder, Michael <[msnyder@plugpower.com](mailto:msnyder@plugpower.com)>  
**Cc:** Matthew D. Shannon <[MDS Shannon@meengineering.com](mailto:MDS Shannon@meengineering.com)>;  
[tstewart@jwdanforth.com](mailto:tstewart@jwdanforth.com); Ken Burns ([kburns@jwdanforth.com](mailto:kburns@jwdanforth.com))  
<[kburns@jwdanforth.com](mailto:kburns@jwdanforth.com)>  
**Subject:** Plug Power Sanitary Sewer Loading

Mike,  
Attached are the estimated sanitary loads we calculated based on existing building drawings, field work verification as well as new equipment information we have received from Plug Power. Note these are the estimated peak demands and rough order of magnitude estimates only in regard to the actual loads. M/E does not have exact data on the number of Plug Power staff that will be occupying the building and how many different work shifts Plug Power will be working as production begins to ramp up. The two building drains labelled sanitary are existing drains that were serving the existing building. The loads on the existing sanitary lines include existing toilet room fixtures and some new equipment loads. The building drain labelled process waste drain is new and serves the new process equipment that will be added to the building. This drain will be equipped with a sampling point to monitor the effluent from the building.

Kurt P. Kubli, P.E.  
M/E Engineering, P.C.  
300 Trolley Boulevard  
Rochester, NY 14606  
585.288.5590 x 1385

[kpkubli@meengineering.com](mailto:kpkubli@meengineering.com)

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