

From: [Vetter, Justin](#)
To: [Song, Jing \(ECY\)](#)
Cc: john.robbins@shell.com; [Knecht, Renee](#)
Subject: RE: 803 NW Market St - Access Agreements Update
Date: Monday, March 22, 2021 10:29:47 AM
Attachments: [image001.png](#)
[image002.png](#)
[803 NW Market St, Seattle - Proposed GW Sampling.pdf](#)

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Hi, Jing,

Just a quick check-in: any thoughts on the soil gas vapor points below?

Also, when you have an opportunity, we'd like to talk to you about the GW sampling approach for the next stages of this investigation. As you know, we have a historical dataset for the current wells and an understanding of their trends. In an effort to minimize unnecessary sampling and generation of IDW, we'd like to discuss considerations for limiting sampling of those existing wells and also the development of a strategy for the upcoming proposed wells.

We propose the following and would like your input. Please see the attached figure illustrating the below strategy.

- gauging all locations for GW depth/NAPL thickness.
 - No sampling at any well with current/recent NAPL [green dots].
- no-purge sampling the existing 'shallow' wells with current/recent exceedances, on an annual basis, given the established trends [red dots].
- no-purge sampling of the proposed wells, quarterly, until we have an established trend there also, then switching to annual no-purge as above [yellow dots].
- no sampling at 'intermediate' zone wells, due to the demonstrated absence of any recent/ongoing exceedances. Also, no sampling at selected 'shallow' zone wells with no history of any exceedances, outside of the estimated plume extents [no dots].

If you agree with this approach, we will move forward with this and will not generate any standalone sampling plan/etc.

Please let us know your thoughts. We'd be happy to setup a call if you think that would be useful – just let us know.

Thank you again!

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From: Vetter, Justin

Sent: Monday, March 15, 2021 4:42 PM

To: Song, Jing (ECY) <JISO461@ECY.WA.GOV>

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Subject: 803 NW Market St - Access Agreements Update

Hi, Jing!

We wanted to update you to let you know that we've sent out the requests for Access Agreements with the properties neighboring the 803 NW Market Street site. The great news is that we've already started receiving responses with willingness to participate. Not all have responded yet, but that's a great start!

To ensure that we knew each package was delivered, we required a signature. That said, not all packages were successfully delivered, or the recipient hasn't otherwise responded. Take a look below and then we can make a second attempt at delivering packages, with other attempts being considered after that.

So far, we've started learning the construction/layout of some of the residences and have adjusted the vapor pin locations accordingly, avoiding spaces such as garages and instead focusing on living spaces. Also, during those interactions, we've found that not everyone is supportive of having a vapor pin installed in their floor. So, as an alternative, please see the attached for an example of a figure showing soil gas vapor points proposed at locations adjacent to the pins. Based on the as-of-yet unknown construction details for most of the other structures, we anticipate finding out this information during the field activities and then to install the soil gas screens at a depth consistent with the base of the lowest point within each residence. You'll also see attached a 'typical installation diagram' that we will share with the property contacts, in order to further inform and make them comfortable with this.

We may have to adjust locations slightly once we get out to complete these installations, but we don't expect any significant deviations and will adjust as needed and then proceed. However, if we do find that there is any significant deviation, we will contact you first and work together to agree on a path forward.

Please let us know if you approve these soil gas vapor point as a secondary option, and their proposed locations. Feel free to contact us with any questions or you'd like to discuss anything. In the meanwhile, we'll keep moving along on the Access Agreements and keep you updated. Thanks

for your help in this!

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