

## Dawn Bartel

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**From:** Brian Helminger <brian.helminger@hvmsd.org>  
**Sent:** Wednesday, January 22, 2020 7:06 AM  
**To:** bruce siebers; Dave Casper; John Sundelius; kcoffey238@gmail.com; Pat Hennessey  
**Cc:** Dawn Bartel; Kevin Skogman  
**Subject:** FW: update

Eric provided an update yesterday on actions taken by Outagamie county.

## Brian Helminger

District Director

Heart of the Valley  
Metropolitan Sewerage District  
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**From:** Eric Fowle <EFowle@ecwrpc.org>  
**Sent:** Tuesday, January 21, 2020 4:51 PM  
**To:** brian.helminger@hvmsd.org  
**Subject:** update

Brian,

In case you have not heard, the Finance Committee voted 5-0 this morning to move the Resolution forward to the Board, most likely on the 28<sup>th</sup>.

We had a good showing (I thought), and deeply appreciate HOVMSD's support, however; it doesn't appear they are satisfied with the issues at hand.

Nothing more I ask of you at this time, but I'll reach out with any critical updates or needs. We will continue to work towards a solution.

Thank you again,

- Eric

Eric W. Fowle, AICP – Executive Director  
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Regional Planning Commission

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## Dawn Bartel

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**From:** Brian Helminger <brian.helminger@hvmsd.org>  
**Sent:** Wednesday, February 5, 2020 9:26 AM  
**To:** bruce siebers; Dave Casper; John Sundelius; kcoffey238@gmail.com; Pat Hennessey  
**Cc:** Dawn Bartel; Chad Giackino; Kevin Skogman  
**Subject:** Agenda item #2 for 2/6/20 Commission meeting  
**Attachments:** OC to HOV Inquiry.docx

Commissioners:

HOVMSD hosted representatives of the Outagamie county landfill at the treatment plant on 1/29 and after some discussion were able to give them a plant tour to familiarize them with the processes used and the difficulties that we have encountered with ammonia loadings to the plant. Outagamie county continues to explore all viable options for leachate disposal for the proposed NW landfill cell. They supplied the attached questions and requested HOVMSD provide a response as they continue their due diligence in permitting the new landfill cell. I've attempted to answer their questions to the best of my ability based on the information currently in hand, while also informing them of the status of the ongoing District's master planning efforts.

The attachment is in "draft" form and I would welcome your comments and edits in finalizing the District response.

Thank you.

**Brian Helminger**

District Director

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Brian/Greg:

The following responses are intended to build upon discussion points and our conversation when you were here for the WWTF tour on 1/29/20. As we informed you during your site visit, the District is currently analyzing the historical loadings and the unit processes used in the HOVMSD treatment process. This process begins master planning efforts to identify both near- and long-term efforts that may be required of the District in meeting its NPDES permit obligations. Part of the planning process may include the study and implementation of local limits for permitted dischargers to HOVMSD. The District has requested a proposal from its consultant to provide technical assistance in determining local limits and any action taken on said proposal is at the sole discretion of the HOVMSD Commission.

1. If Outagamie County were to transmit the NW landfill leachate to HOV, would Outagamie immediately need to pretreat, or would there be a lag before pretreatment would be required, similar to Appleton's three-year estimate for pretreatment?

Given the increase in organic loadings the District has been seeing, there is insufficient organic capacity remaining to take on the load from the proposed NW landfill cell without pretreatment of the raw leachate prior to discharge to the sanitary system. With the current organic loadings, and with the District approaching its organic design limits, pretreatment should be planned for upon startup of the cell if discharged to HOVMSD. The District would suggest that any technology evaluated for leachate pretreatment include provision of capacity to include pretreatment of the leachate from the current active NE landfill cell.

2. If Outagamie County were to transmit the NW Landfill to Appleton, would there ever be a need for pretreatment of the NE and East landfills' leachate by HOV, given the declining ammonia levels of the NE and East landfills' leachate?

The District cannot guarantee there will never be pretreatment required of the NE or East cells currently being discharged to the Little Chute sanitary system and ultimately to HOVMSD. It is impossible to know what pollutants or contaminants of concern may arise in the future and require actions by the District. The District reserves the right to modify its Sewer Use Ordinance and local limits as necessary to comply with its NPDES permit and with any future Wisconsin DNR requirements. As a significant industrial user and permitted discharger in the HOVMSD pretreatment program, Outagamie county (landfill) has been and will be subject to all current and future limits and/or terms and conditions found within its wastewater discharge permit.

3. Is HOV, under any circumstances, willing to accept the NW landfill leachate or would they prefer that we go to Appleton for the NW leachate?

The District would not accept raw leachate due to its organic strength (ammonia and BOD), however, the treatment facility is not hydraulically (gallons of flow) challenged and can process the additional flow from the NW cell if it receives pretreatment first and is then discharged to the sanitary sewer.

HOVMSD has no preference in where the leachate is discharged.

4. If HOV is willing to take our combined leachate, if so, what exactly are the specifications and modifications necessary for an HOV concurrence letter to accept NW landfill leachate?

HOVMSD is unable to provide removal requirements or exact leachate specifications at this time.

Any letter of concurrence would be contingent upon pretreatment of the leachate to whatever present and future standards are contained within its pretreatment discharge permit.