

Andy Peters

From: BURKHART Robert * DEQ <Robert.BURKHART@deq.oregon.gov>
Sent: Wednesday, January 18, 2023 5:13 PM
To: Andy Peters
Subject: RE: Potential DEQ TMDL Meeting

Great, I just sent an MS Teams meeting request.

Rob Burkhart | Water Quality Specialist
Oregon DEQ | Headquarters | 503.935.4222 (cell)
700 NE Multnomah St., Suite 600
Portland, OR 97232
<http://www.oregon.gov/DEQ/>

From: Andy Peters <apeters@cityofmolalla.com>
Sent: Tuesday, January 17, 2023 6:29 PM
To: BURKHART Robert * DEQ <Robert.BURKHART@deq.oregon.gov>
Subject: Re: Potential DEQ TMDL Meeting

Mr. Burkhart, yes we will certainly have technical folks available that day for a zoom/teams call. If you send me an invite I will forward to everyone on our team.

Thanks!!

Andy Peters

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: BURKHART Robert * DEQ <Robert.BURKHART@deq.oregon.gov>
Sent: Tuesday, January 17, 2023 5:14:11 PM
To: apeters@cityofmolalla.com <apeters@cityofmolalla.com>
Subject: Potential DEQ TMDL Meeting

Hello Mr. Peters,
I work with the wastewater (NPDES) permitting program at DEQ headquarters. I'm currently coordinating efforts with our TMDL program and was forwarded your recent (1/17/2023) letter regarding the potential TMDL allocation for the City of Molalla's WWTP. We would be happy to meet with you to discuss the issue. As you may know, we are on a tight timeline to complete the TMDL replacements and are therefore hoping to meet with you rather soon. With this in mind, I was wondering if you or a representative would be available for an online meeting on Monday, January 30th from 1-2 PM. (That is the only time in the near future when our staff are all available.)

If this works for you, I will send a meeting invitation.

Thanks.

Rob Burkhart | Water Quality Specialist
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Portland, OR 97232
<http://www.oregon.gov/DEQ/>

Andy Peters

From: MARTIN Michele * DEQ <Michele.MARTIN@deq.oregon.gov>
Sent: Tuesday, January 17, 2023 10:30 AM
To: Andy Peters
Cc: Mac Corthell; MICHIE Ryan * DEQ; MATZKE Andrea * DEQ; GRAMLICH Nancy H * DEQ; FOSTER Eugene P * DEQ; Reynold Richwine; SUBBASINTMDL Sandy * DEQ; TEMPERATURETMDL Willamette * DEQ; Dan Huff; PINNEY Mike * DEQ
Subject: RE: Temp TMDL Replacement, Willamette Subbasin - Molalla's Comment

Hello Andy,
We received this email and the attachment.

Thank you,
Michele

Michele Martin MPA, Project Manager (she, her)
Oregon Department of Environmental Quality
Michele.Martin@deq.oregon.gov
P: 503-880-7737

From: Andy Peters <apeters@cityofmolalla.com>
Sent: Tuesday, January 17, 2023 10:26 AM
To: MARTIN Michele * DEQ <Michele.MARTIN@deq.oregon.gov>
Cc: Mac Corthell <mcorthell@cityofmolalla.com>; MICHIE Ryan * DEQ <Ryan.MICHIE@deq.oregon.gov>; MATZKE Andrea * DEQ <Andrea.MATZKE@deq.oregon.gov>; GRAMLICH Nancy H * DEQ <Nancy.H.GRAMLICH@deq.oregon.gov>; FOSTER Eugene P * DEQ <Eugene.P.FOSTER@deq.oregon.gov>; Reynold Richwine <daler@richenv.com>; SUBBASINTMDL Sandy * DEQ <Sandy.SubbasinTMDL@DEQ.oregon.gov>; TEMPERATURETMDL Willamette * DEQ <Willamette.TemperatureTMDL@DEQ.oregon.gov>; Dan Huff <dhuff@cityofmolalla.com>; PINNEY Mike * DEQ <Mike.PINNEY@deq.oregon.gov>
Subject: Temp TMDL Replacement, Willamette Subbasin - Molalla's Comment

Good Morning Michele (and Basin Coordinators),

We know your team is working hard on Temp TMDLs and the issues can be complex; so to make it as easy as possible, Molalla has summarized the comments it will be bringing to the table into a single letter, attached. Molalla's technical representatives will be ready to discuss any of the points in this letter in more detail during the zoom meetings.

Would you be able to confirm receipt of this letter?

Thank you, and have a good week!

Respectfully,

Andy Peters, Public Works Div Manager

315 Kennel Ave. | PO Box 248 | Molalla, OR 97038

Phone – [503.759.0220](tel:503.759.0220)

Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>



**Community Development
Department**

315 Kennel Ave/PO Box 248
Molalla, OR 97038
Phone 503.759.0205

January 17, 2022

To: Michele Martin, and Basin Coordinators; Oregon DEQ
Re: Temperature TMDL Replacement Project; Willamette Subbasin rulemaking

Dear Michele Martin:

The City of Molalla has been working cooperatively with DEQ staff to upgrade the existing wastewater treatment plant ("WWTP") and effluent disposal systems. DEQ staff have approved the new facility plan and the City's technical experts are currently working to complete the design of the new WWTP. However, a critical issue that the City is facing is the lack of a temperature allocation in their NPDES permit (2008 TMDL, p. 2-51).

The existing temperature TMDL on the Molalla River did not provide any allocation to the City during the period May through October.¹ A review of the existing TMDL shows that 80% of the temperature allocation on the Molalla River was given to a single party, Sanders Wood Products, which does not need and does not use the full allocation. An analysis of the latest Sanders Wood Products Fact Sheet has the statement, *"An analysis of SWP's effluent temperatures and flows indicates that the heat load discharged from the facility is well below the allowable WLA. This confirms that the facility does not have the potential to cause or contribute to exceedances of the water quality standard for temperature on the Molalla River."* Also stated in the Fact Sheet, Schedule A – Discharge Limitations will not have an Excess Thermal Load limit included for temperature. Therefore, the Sanders Wood Products permit does not have any temperature limitation allowed in the permit. The City believes that this shows that an allocation is available for Molalla's discharge.

Another issue is that Sanders Wood Products does not discharge directly to the Molalla River. The outfall where any temperature measurements are taken is located 2.6-miles upstream of where any potential effluent will enter the river. The fact sheet states, *"While the TMDL describes the fact that the facility's discharge is unlikely to reach the Molalla River during the critical dry season, a temperature wasteload allocation was developed in the event the discharge does reach the river."*

As DEQ updates the temperature TMDL for the Molalla River, the City requests that the need for a temperature allocation for the City's WWTP discharge during the months of May and June be considered. Two factors in support of this position are: (1) the allocation would not be for the same time as the need for the Sanders Wood Products allocation and (2) it was determined during the permitting process not to include a temperature limit into the Sanders Wood Products NPDES permit.

The City would appreciate your consideration of providing the City of Molalla a temperature allocation and we would like to work with DEQ through the TMDL update process so the City can provide the most cost-effective and environmentally appropriate solutions to the wastewater treatment program. The City and its technical experts are available to discuss this issue at any time.

Respectfully,

Andy Peters, Public Works Div Manager

315 Kennel Ave. | PO Box 248 | Molalla, OR 97038

Phone – [503.759.0220](tel:503.759.0220)

Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>

¹Some point source dischargers are “at-will” dischargers because they can stop their effluent flows by stopping production processes; while others are “not-at-will” dischargers - they must pass their flows through regardless of any desire to stop because their *influent* flows cannot be stopped. If any non-at-will discharger has capacity to STORE or OTHERWISE USE effluent, then they can delay the need to discharge. But unless that holding/use capacity is infinite, there is no guarantee the discharger will not be forced to discharge, resulting in river temperatures being affected.

Molalla is a “not-at-will” discharger because it cannot stop its influent flows. It uses 43 acres of 11 ft deep Lagoons, plus roughly 1.0 MGD in recycled water use (irrigating farm fields *when weather permits*), to STORE or OTHERWISE USE, its effluent for the express purpose of avoiding summer discharge to the Molalla River. Nevertheless, nature can produce more flows than this storage/use capacity, and Molalla has been experiencing this on a regular basis over the years, resulting in out-of-season discharges.

The 2008 Temperature TMDL acknowledges this situation, and even calculates the possible thermal loads the Molalla WWTP *could* contribute in these situations. However, even though acknowledged, the TMDL expressly denies a temperature allocation to the Molalla WWTP (p. 2-51). The reason given for this denial is that “the Molalla River critical period extends from May 1-October 31st, and for that reason, DEQ has not assigned an explicit waste load allocation to this source”. But the same TMDL *does* assign such waste load allocations to other dischargers during this period, such as Molalla’s Drinking Water Plant, and Sanders Wood Products, Inc.

Further, the 2008 TMDL finds these summer discharges from the Molalla WWTP, should they occur, “have no reasonable potential to increase ambient river temperature to the point of non-compliance with temperature criteria” (p. 2-51). It calculates the effect to river temperatures of theoretical discharges of the Molalla WWTP during summer months to be minimal (Table 2-34).

The result of no temperature allocation means the Molalla NPDES Permit must continue to specify no discharges from April 30th-November 1st even during extreme weather events. This results in the need for Molalla to install massive additional clean effluent storage capacity (82-million gallons, currently estimated in the Molalla Capital Improvement Plan as WWTP Phase 2, estimated cost \$4.5 million). Even with this additional storage Molalla has experienced recent weather events in which this wouldn’t have been enough. And more costs are expected in the coming years as weather events continue to become more extreme.

Andy Peters

From: Andy Peters
Sent: Tuesday, January 17, 2023 10:30 AM
To: 'MARTIN Michele * DEQ'
Cc: Mac Corthell; 'MICHIE Ryan * DEQ'; 'MATZKE Andrea * DEQ'; 'GRAMLICH Nancy H * DEQ'; 'FOSTER Eugene P * DEQ'; 'Reynold Richwine'; 'SUBBASINTMDL Sandy * DEQ'; 'TEMPERATURETMDL Willamette * DEQ'; 'Dan Huff'; 'PINNEY Mike * DEQ'; 'OCTWQA Bookkeeping - Yvonne Melkonian, EVP/CFO'; 'YELTON-BRAM Tiffany'; 'Jeffrey.NAVARRO@deq.oregon.gov'; 'Mark P. Strandberg'; J.W. Ring; David Hori
Subject: Temp TMDL Replacement, Willamette Subbasin - Molalla's Comment
Attachments: 20230117 Temp TMDL Replacement, Willamette Subbasin - Molalla's Comment.pdf

Good Morning Michele (and Basin Coordinators),

We know your team is working hard on Temp TMDLs and the issues can be complex; so to make it as easy as possible, Molalla has summarized the comments it will be bringing to the table into a single letter, attached. Molalla's technical representatives will be ready to discuss any of the points in this letter in more detail during the zoom meetings.

Would you be able to confirm receipt of this letter?

Thank you, and have a good week!

Respectfully,

Andy Peters, Public Works Div Manager

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Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>

Andy Peters

From: Andy Peters
Sent: Wednesday, January 25, 2023 12:58 PM
To: 'HAAS Evan * DEQ'
Subject: RE: Introduction and Information about the Temperature Replacement TMDL Projects

Thanks Evan, nice to meet you. Yes, we will see you at these zoom calls in the coming months. Have a great week!

Respectfully,

Andy Peters, Public Works Div Manager

315 Kennel Ave. | PO Box 248 | Molalla, OR 97038

Phone – [503.759.0220](tel:503.759.0220)

Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>

From: HAAS Evan * DEQ <Evan.HAAS@deq.oregon.gov>
Sent: Friday, January 20, 2023 3:33 PM
To: Andy Peters <apeters@cityofmolalla.com>
Subject: Introduction and Information about the Temperature Replacement TMDL Projects

Hi Andy-

Hope you're well and that 2023 is off to a good start. As a quick introduction, my name is Evan Haas and I'm DEQ's (still pretty new) Basin Coordinator for the Sandy, Clackamas, and Molalla basins. Though I've been with DEQ for about 8.5 years, I've only been in this role for a few months, and am still busy getting up to speed. I apologize, as I thought I had reached out to you earlier, but don't think I have. I know you've been in contact Valerie Arkell about the Hg TMDL plan, and perhaps other items in the recent past.

Some (or all) of the following may be information you already know, but I wanted to reach out about a couple of TMDL related items. DEQ is developing court-ordered replacement temperature TMDLs for the Willamette Basin (and many other basins across the state). We are issuing these TMDLs via rulemakings, rather than orders as previously done in the past. The first TMDL rulemaking focuses on the Sandy and Willamette Subbasins waterbodies (approved by Jan. 15, 2024).

For the first rulemaking, DEQ will have a public webinar on **Jan. 31** (info below) and then two Rulemaking Advisory Committee meetings in Feb. and April. Because DEQ is an "opt-in" agency regarding public communication, you must sign up for Gov Delivery emails if you would like to receive information about these rulemakings. This is the Gov Delivery link - [Oregon Department of Environmental Quality \(DEQ\) \(govdelivery.com\)](https://govdelivery.com) – it should allow you to sign up for TMDL related communication, as well as other types of DEQ communication.

This link provides general information on the TMDL Replacement Project - [Temperature TMDL Replacement Project](#)

Webinar Info

DEQ will provide an informational webinar about the Temperature Total Maximum Daily Load Replacements for the Lower Columbia-Sandy Subbasin and the Willamette Subbasins on **Jan. 31, 2023, at 1:00 p.m. PST**. The webinar will provide information about the rulemakings and the technical approach to revising the TMDLs and the Water Quality Management Plans. After registering, you will receive a confirmation email containing information about joining the meeting.

- [Register in advance for this meeting](#)

Again, apologies for not reaching out sooner and for throwing so much information at you. I will plan on calling you next week to touch base. Please let me know if you have any questions, and I'll do my best to respond or find a contact for you. Thanks!

Cheers,
Evan
971-413-4657

Andy Peters

From: Andy Peters
Sent: Tuesday, January 17, 2023 6:29 PM
To: BURKHART Robert * DEQ
Subject: Re: Potential DEQ TMDL Meeting

Follow Up Flag: Follow up
Flag Status: Flagged

Mr. Burkhart, yes we will certainly have technical folks available that day for a zoom/teams call. If you send me an invite I will forward to everyone on our team.

Thanks!!

Andy Peters

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: BURKHART Robert * DEQ <Robert.BURKHART@deq.oregon.gov>
Sent: Tuesday, January 17, 2023 5:14:11 PM
To: apeters@cityofmolalla.com <apeters@cityofmolalla.com>
Subject: Potential DEQ TMDL Meeting

Hello Mr. Peters,

I work with the wastewater (NPDES) permitting program at DEQ headquarters. I'm currently coordinating efforts with our TMDL program and was forwarded your recent (1/17/2023) letter regarding the potential TMDL allocation for the City of Molalla's WWTP. We would be happy to meet with you to discuss the issue. As you may know, we are on a tight timeline to complete the TMDL replacements and are therefore hoping to meet with you rather soon. With this in mind, I was wondering if you or a representative would be available for an online meeting on Monday, January 30th from 1-2 PM. (That is the only time in the near future when our staff are all available.)

If this works for you, I will send a meeting invitation.

Thanks.

Rob Burkhart | Water Quality Specialist
Oregon DEQ | Headquarters | 503.935.4222 (cell)
700 NE Multnomah St., Suite 600

Portland, OR 97232
<http://www.oregon.gov/DEQ/>

Andy Peters

From: BURKHART Robert * DEQ <Robert.BURKHART@deq.oregon.gov>
Sent: Friday, January 20, 2023 3:07 PM
To: Andy Peters
Cc: MICHIE Ryan * DEQ; MARTIN Michele * DEQ; YELTON-BRAM Tiffany * DEQ; PINNEY Mike * DEQ
Subject: Meeting Materials
Attachments: TMDL temp replace project MolallaSTP-20230120_FINAL.pdf; MolallaSTP_WLA_analysis_2023_01_20.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Andy,

Thanks again for meeting with us on such short notice. I've attached a pdf of Ryan's presentation and the excel workbook that he developed for the Molalla discharge. Could you please pass these along to your team as you see fit?

Have a good weekend.

Rob Burkhart | Water Quality Specialist
Oregon DEQ | Headquarters | 503.935.4222 (cell)
700 NE Multnomah St., Suite 600
Portland, OR 97232
<http://www.oregon.gov/DEQ/>



State of Oregon
Department of
Environmental
Quality

Inflow and Infiltration Reduction Annual Report

(Submit a separate form for each satellite collection system)

Year: 2022

Facility Name: City of Molalla

DEQ File #: 57613

Facility Location: 12424 S. Toliver Rd. Molalla, OR 97038

Permit #: 101514

Miles of Common Sewer: 32.95

EPA ID#: OR-002238-1

Number of Pump Stations: 5

Date of most recent I and I Study: 2018

Number of storm caused SSOs last year: 0

Flow	Design Values	Observed Last Year
Average Dry Weather Flow	1.1 MGD	0.915 MGD
Average Wet Weather Flow	2.3 MGD	1.287 MGD
Maximum Month Wet Weather Flow	3.1 MG	47.422 MG
Peak Day Flow	8.5 MGD	4.468 MGD

Inspection, Maintenance, and Construction Activities

Enter activities completed in prior 5 years, completed last year, planned for upcoming year

Activity	Last 5 Years		Last Year		Planned	
	Miles	%	Miles	%	Miles	%
Smoke Testing* (miles & percent of total)	32.95	100%	0	0	1	3%
Cleaning & TV inspection* (miles & percent of total)	32.3	98%	.04	.12%	0	0
Cleaning w/o TV inspection* (miles & percent of total)	32.95	100%	4.2	13%	5	15%
Main line repaired (miles & percent of total)	.0156	.05%	.048	.15%	.2	.6%
Main line replaced (miles & percent of total)	.55	1.7%	.029	.087%	.3	.9%
Manholes repaired (number & percent of total)	136	24%	3	.5%	0	0
Manholes replaced (number & percent of total)	3	.5%	0	0	6	1%
Cross-connections** (number discovered & eliminated)	0	0	0	0	0	0

* - Do not double report activities done in the same section during the same time period.

** - Include storm drains, area drains, and roof drains.

ATTACHMENTS: Please attach additional information regarding collection system repair and replacement work done last year and planned for the current year.

Signature Requirement

I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Responsible Official: 

Name and Title (Please Print): ANDY PETERS, PW Div Manager

Date of Signature: 2/6/23 Telephone: 503-759-0205

Andy Peters

From: Andy Peters
Sent: Monday, February 6, 2023 2:50 PM
To: 'PINNEY Mike * DEQ'
Cc: Adam Shultz; Seth Kelly
Subject: 2022 Annual I/I Report
Attachments: 20230206_I&I Annual Report, Molalla, Signed.pdf

Mike, attached is Molalla's Annual I/I report. You will note that Mainline Repairs have increased due to Cured-In-Place Pipe lining efforts in 2022. We expect to report more of that in 2023, it seems to be making a positive difference.

Thanks, have a great week!

Andy Peters, Public Works Div Manager

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Phone – [503.759.0220](tel:503.759.0220)

Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>

Andy Peters

From: Andy Peters
Sent: Wednesday, January 18, 2023 3:27 PM
To: 'ARKELL Valerie * DEQ'
Cc: Seth Kelly
Subject: RE: Due Dates Discussion

Valerie, yes, will you go ahead and send a meeting invite for myself and our Lead Operator: skelly@Cityofmolalla.com? Do I need to have any information prepared for the meeting?

Thanks!

Respectfully,

Andy Peters, Public Works Div Manager

315 Kennel Ave. | PO Box 248 | Molalla, OR 97038

Phone – [503.759.0220](tel:503.759.0220)

Email – apeters@cityofmolalla.com

Website – <http://www.cityofmolalla.com>

From: ARKELL Valerie * DEQ <Valerie.ARKELL@deq.oregon.gov>
Sent: Wednesday, January 18, 2023 2:10 PM
To: Andy Peters <apeters@cityofmolalla.com>
Subject: Due Dates Discussion

Hello,

I am putting the final touches on your mercury plan review and I'd like to find some time to discuss annual report dates with you. Are you free to chat anytime tomorrow or Friday?

Thanks!



Valerie Arkell
Pronouns: she/her/hers
Basin Specialist
Oregon Department of Environmental Quality
700 NE Multnomah St. Ste 600
Portland, OR 97232
Mobile: 503-875-4358