

## Andy Peters

---

**From:** BRITSON Aliana <Aliana.BRITSON@state.or.us>  
**Sent:** Monday, December 30, 2019 8:21 AM  
**To:** Andy Peters; YELTON-BRAM Tiffany  
**Cc:** Dan Huff; Gerald Fisher; PILLSBURY Lori; PINNEY Mike; ROCKWELL Sarah  
**Subject:** RE: Molalla Data

Hi Andy,

I am glad you were able to track down the missing test! I will need you to supply the data in the same excel format as the other data (on a CD with signature sheet). Once I have that data I will be able to add it to our database and issue and updated report.

Regards,  
Aliana

Aliana Britson, Ph.D.  
Water Quality Permit Data Steward  
Oregon Department of Environmental Quality  
Laboratory & Environmental Assessment Division  
**7202 NE Evergreen Parkway Suite 150, Hillsboro, OR 97124**  
Phone: (503) 693-5773  
Email: [Britson.Aliana@deq.state.or.us](mailto:Britson.Aliana@deq.state.or.us)

PUBLIC RECORDS LAW DISCLOSURE: This is a public document. This email may be subject to the state retention schedule and made available to the public.

---

**From:** Andy Peters <apeters@cityofmolalla.com>  
**Sent:** Tuesday, December 24, 2019 8:15 AM  
**To:** BRITSON Aliana <Aliana.BRITSON@state.or.us>; YELTON-BRAM Tiffany <Tiffany.YELTON-BRAM@state.or.us>  
**Cc:** PILLSBURY Lori <Lori.PILLSBURY@state.or.us>; ROCKWELL Sarah <Sarah.ROCKWELL@state.or.us>; Dan Huff <dhuff@cityofmolalla.com>; Gerald Fisher <gfisher@cityofmolalla.com>  
**Subject:** RE: Molalla Data

Aliana, we have one piece of new information today: the report you submitted to Tiffany last week states the April 2016 scan only tested for VOCs. We checked files and we were able to locate the missing test (attached). There are a few other issues we should discuss, particularly the Quantitation Limits, which we believe the lab reported correctly based on the Standard Methods; I believe the report should be marked "draft" until we can work through issues after the holidays. CH2MHill's lab is longer in business. Because of this, we cannot contact the technicians who performed these tests. But they performed the priority pollutant scans for dozens of STPs during this last permit cycle, so hopefully their Quantitation Limits were correct for everyone. Molalla will be seeking a new lab for future testing.

Respectfully,

**Andy Peters**  
City of Molalla  
Public Works Operations Supervisor  
(503) 829-6855 x220  
Cell: 503-793-0507  
[apeters@cityofmolalla.com](mailto:apeters@cityofmolalla.com)  
117 N Molalla Ave

---

**From:** BRITSON Aliana <[Aliana.BRITSON@state.or.us](mailto:Aliana.BRITSON@state.or.us)>  
**Sent:** Friday, December 20, 2019 4:44 PM  
**To:** Andy Peters <[apeters@cityofmolalla.com](mailto:apeters@cityofmolalla.com)>; YELTON-BRAM Tiffany <[Tiffany.YELTON-BRAM@state.or.us](mailto:Tiffany.YELTON-BRAM@state.or.us)>  
**Cc:** PILLSBURY Lori <[Lori.PILLSBURY@state.or.us](mailto:Lori.PILLSBURY@state.or.us)>; ROCKWELL Sarah <[Sarah.ROCKWELL@state.or.us](mailto:Sarah.ROCKWELL@state.or.us)>  
**Subject:** RE: Molalla Data

Hi Andy,

Apologies, the QL issue is somewhat complex and I'm afraid I don't have time to do it justice before I head out for the holidays. I am cc'ing Lori Pillsbury (DEQ Lab manager) and Sarah Rockwell (DEQ Lab Data Coordinator) in case they are able to weigh in while I am out.

Regards,

Aliana

Aliana Britson, Ph.D.  
Water Quality Permit Data Steward  
Oregon Department of Environmental Quality  
Laboratory & Environmental Assessment Division  
**7202 NE Evergreen Parkway Suite 150, Hillsboro, OR 97124**  
Phone: (503) 693-5773  
Email: [Britson.Aliana@deq.state.or.us](mailto:Britson.Aliana@deq.state.or.us)

PUBLIC RECORDS LAW DISCLOSURE: This is a public document. This email may be subject to the state retention schedule and made available to the public.

---

**From:** Andy Peters <[apeters@cityofmolalla.com](mailto:apeters@cityofmolalla.com)>  
**Sent:** Friday, December 20, 2019 4:19 PM  
**To:** YELTON-BRAM Tiffany <[Tiffany.YELTON-BRAM@state.or.us](mailto:Tiffany.YELTON-BRAM@state.or.us)>; BRITSON Aliana <[Aliana.BRITSON@state.or.us](mailto:Aliana.BRITSON@state.or.us)>  
**Subject:** RE: Molalla Data

Thanks for this information from your lab Tiffany, I'll work with Aliana directly from here on. There is bound to be a back-and-forth as we all decipher what the science truly says and whether we have any data errors that can be corrected. I'll also let Gerald and Dan know we will be discussing.

Aliana, I will of course review to make sure your EDD upload program isn't being fed munged data by our spreadsheets. But as an initial question, on P. 5 of your report it says that our lab did not test using sufficient Established Quantitation limits for the chemicals in Table 3. In my own version of EPA Method 625 (2015) it shows, for example, *Diethyl phthatlate* as requiring a MDL of 1.9 micrograms per liter, which is what my lab tested to and reported. Can you tell me why EDD says we should be using a method with a detection limit of 1.0 as a QL? This will help point me in the right direction, Screenshot below. Thanks!

Respectfully,

**Andy Peters**

City of Molalla  
Public Works Operations Supervisor  
(503) 829-6855 x220  
Cell: 503-793-0507  
[apeters@cityofmolalla.com](mailto:apeters@cityofmolalla.com)  
117 N Molalla Ave

**Table 4—Chromatographic Conditions, Method Detection Limits, and Characteristic Masses for Base/Neutral Extractables**

Parameter	Retention time (min)	Method detection limit (µg/L)	Characteristic masses					
			Electron impact			Chemical ionization		
			Primary	Secondary	Secondary	Methane	Methane	Methane
Nitrobenzene . . . . .	11.1	1.9	77	123	65	124	152	1
Hexachlorobutadiene . .	11.4	0.9	225	223	227	223	225	2
1,2,4-Trichlorobenzene	11.6	1.9	180	182	145	181	183	2
Isophorone . . . . .	11.9	2.2	82	95	138	139	167	1
Naphthalene . . . . .	12.1	1.6	128	129	127	129	157	1
Bis(2-chloroethoxy) methane . . . . .	12.2	5.3	93	95	123	65	107	1
Hexachlorocyclopentadiene <sup>a</sup> . . . . .	13.9	.....	237	235	272	235	237	2
2-Chloronaphthalene . .	15.9	1.9	162	164	127	163	191	2
Acenaphthylene . . . . .	17.4	3.5	152	151	153	152	153	1
Acenaphthene . . . . .	17.8	1.9	154	153	152	154	155	1
Dimethyl phthalate . . .	18.3	1.6	163	194	164	151	163	1
2,6-Dinitrotoluene . . . .	18.7	1.9	165	89	121	183	211	2
Fluorene . . . . .	19.5	1.9	166	165	167	166	167	1
4-Chlorophenyl phenyl ether . . . . .	19.5	4.2	204	206	141	.....	.....	.....
2,4-Dinitrotoluene . . . .	19.8	5.7	165	63	182	183	211	2
Diethyl phthalate . . . . .	20.1	1.9	149	177	150	177	223	2
N-Nitrosodiphenylamine <sup>b</sup> . . . . .	20.5	1.9	169	168	167	169	170	1
Hexachlorobenzene . . . .	21.0	1.9	284	142	249	284	286	2
β-BHC <sup>b</sup> . . . . .	21.1	.....	183	181	109	.....	.....	.....
4-Bromophenyl phenyl ether . . . . .	21.2	1.9	248	250	141	249	251	2
δ-BHC <sup>b</sup> . . . . .	22.4	.....	183	181	109	.....	.....	.....
Phenanthrene . . . . .	22.8	5.4	178	179	176	178	179	2
Anthracene . . . . .	22.8	1.9	178	179	176	178	179	2
β-BHC . . . . .	23.4	4.2	181	183	109	.....	.....	.....
Heptachlor . . . . .	23.4	1.9	100	272	274	.....	.....	.....
δ-BHC . . . . .	23.7	3.1	183	109	181	.....	.....	.....
Aldrin . . . . .	24.0	1.9	66	263	220	.....	.....	.....
Dibutyl phthalate . . . . .	24.7	2.5	149	150	104	149	205	2
Heptachlor epoxide . . . .	25.6	2.2	353	355	351	.....	.....	.....
Endosulfan I <sup>b</sup> . . . . .	26.4	.....	237	339	341	.....	.....	.....
Fluoranthene . . . . .	26.5	2.2	202	101	100	203	231	2

From: YELTON-BRAM Tiffany <[Tiffany.YELTON-BRAM@state.or.us](mailto:Tiffany.YELTON-BRAM@state.or.us)>

Sent: Friday, December 20, 2019 3:46 PM

To: Andy Peters <[apeters@cityofmolalla.com](mailto:apeters@cityofmolalla.com)>

Subject: FW: Molalla Data

Hello Andy

Please call me or email me if you have questions. I will be in the office 12/23 and 12/27 but out the middle of the week.

Tiffany Yelton Bram (Pronouns : she/her/hers)  
WQ Source Control Manager  
Northwest Regional Office  
Oregon Department of Environmental Quality  
700 NE Multnomah St., Suite #600  
Portland OR 97232

Desk 503 229 5219  
Mobile 503 975 0046

We are in the process of modernizing and upgrading the way we accept, share and process information at DEQ with *Your DEQ Online*: a new centralized hub for communities, businesses and individuals. [Learn more.](#)

---

**From:** BRITSON Aliana <[BRITSON.Aliana@deq.state.or.us](mailto:BRITSON.Aliana@deq.state.or.us)>  
**Sent:** Friday, December 20, 2019 2:49 PM  
**To:** YELTON-BRAM Tiffany <[YELTON-Bram.Tiffany@deq.state.or.us](mailto:YELTON-Bram.Tiffany@deq.state.or.us)>  
**Subject:** Molalla Data

Hi Tiffany,

Molalla data is in AWQMS. I generated a data report concerning data quality. There were a number of analytes that were not reported to sufficiently sensitive QLs, a number of results that were estimated (including an entire set of VOCs due to headspace in the vials), and a few that were rejected due to quality control issues (see attached report for details).

Let me know when/who needs to data to run any RPA analyses for Molalla and I can get the data in a format that should run easily with the newer RPA tools Erich Brandstetter has been working on.

Regards,  
Aliana

Aliana Britson, Ph.D.  
Water Quality Permit Data Steward  
Oregon Department of Environmental Quality  
Laboratory & Environmental Assessment Division  
**7202 NE Evergreen Parkway Suite 150, Hillsboro, OR 97124**  
Phone: (503) 693-5773  
Email: [Britson.Aliana@deq.state.or.us](mailto:Britson.Aliana@deq.state.or.us)

PUBLIC RECORDS LAW DISCLOSURE: This is a public document. This email may be subject to the state retention schedule and made available to the public.