



Public Works Department

117 N Molalla Avenue

PO Box 248

Molalla, Oregon 97038

Phone: (503) 829-6855

Fax: (503) 829-3676

October 20, 2020

Mike Pinney, Senior Environmental Engineer
Northwest Region Water Quality
700 NE Multnomah Street, Suite 600
Portland, OR 97232

RE: Out of Season Discharge

Mr. Pinney,

The City made every effort to discharge during irrigation season and provide additional storage capacity to the lagoons in an effort to avoid the need for discharge, but as noted in the memorandum that accompanied our DMR for September, the City of Molalla is now in a position where it will need to discharge to the Molalla River by early next week. The lagoons have less than one month storage capacity and the fields are averaging >97% moisture, preventing irrigation. We may see effluent exceeding BOD limits, and possibly ammonia due to the biosolids removals this summer. We do not expect it to exceed temperature limits. As stated in the MAO, we will calculate Average River Flow on the 7th day.

Respectfully,

A handwritten signature in black ink, appearing to be "A. Peters".

Andy Peters

City of Molalla
Public Works Operations Supervisor
(503) 829-6855 x220
Cell: 503-793-0507

apeters@cityofmolalla.com

CC: Gerald Fisher, Public Works Director
Brian Hutchison, City of Canby

Andy Peters

From: Andy Peters
Sent: Wednesday, October 21, 2020 1:47 PM
To: 'PINNEY Mike'
Cc: Gerald Fisher; Dan Huff; Mark P. Strandberg; J.W. Ring
Subject: RE: Out of Season Discharge
Attachments: 20201021 BOD in ponds requested by Mike Pinney.pdf

Mike, here are the pond BOD5 records since May 2020.

Respectfully,

Andy Peters

City of Molalla
Public Works Operations Supervisor
(503) 829-6855 x220
Cell: 503-793-0507
apeters@cityofmolalla.com
117 N Molalla Ave
Molalla, OR 97038

From: PINNEY Mike <Mike.PINNEY@state.or.us>
Sent: Wednesday, October 21, 2020 1:38 PM
To: Andy Peters <apeters@cityofmolalla.com>; PINNEY Mike <Mike.PINNEY@state.or.us>
Cc: Gerald Fisher <gfisher@cityofmolalla.com>; Dan Huff <dhuff@cityofmolalla.com>; Mark P. Strandberg <MStrandberg@ringbenderlaw.com>; J.W. Ring <JWRing@ringbenderlaw.com>
Subject: RE: Out of Season Discharge

Received.

What are BOD levels? What has been the BOD since end of July?

Michael Pinney PE

Senior Environmental Engineer

Northwest Region – Source Control
Oregon Department of Environmental Quality
700 NE Multnomah St., Suite 600
Portland OR, 97232
971-227-1765
503 229 6957 fax

From: Andy Peters <apeters@cityofmolalla.com>
Sent: Tuesday, October 20, 2020 10:23 AM
To: PINNEY Mike <Mike.PINNEY@state.or.us>
Cc: Gerald Fisher <gfisher@cityofmolalla.com>; Dan Huff <dhuff@cityofmolalla.com>; Mark P. Strandberg <MStrandberg@ringbenderlaw.com>; J.W. Ring <JWRing@ringbenderlaw.com>
Subject: Out of Season Discharge

Good Morning Mike, I left a voice message for you to meet the requirements of verbal notification for the MAO. Please find the letter attached.

Respectfully,

Andy Peters

City of Molalla
Public Works Operations Supervisor
(503) 829-6855 x220
Cell: 503-793-0507
apeters@cityofmolalla.com
117 N Molalla Ave
Molalla, OR 97038

Lab Test Id	CreatedBy	DateCreated	Notes
201	kbatridge	10/7/2020	Pond 1 BOD and CBOD all failed from D.O. change less then 2.0 mg/L Pond 2 BOD was 48
199	jclifton	9/30/2020	Pond #1= all BOD fail Pond #2 = 60 Mg/L BOD
195	kbatridge	9/16/2020	pond 1 BOD ave. 32 Pond 2 BOD ave. failed at sample dilutions 30,40,50 mL
193	jclifton	9/9/2020	Pond 1 25 mg/l Pond 2 37 mg/l
191	kbatridge	9/2/2020	Pond #1 30 Mg/l Pond #2 34 Mg/l
189	kbatridge	8/26/2020	Pond # 1 18 Mg/L BOD Pond #2 23 Mg/L BOD
188	jclifton	8/20/2020	Pond 1 , 2 are filtered and seeded Pond 1 BOD: 8.7 mg/l Pond 2 BOD 5.5 mg/l
187	jclifton	8/19/2020	Pond 1, 2 are filtered with no seed. Pond #1 BOD: 7 mg/l Pond #2 BOD: 10 mg/l
186	operator	8/13/2020	Pond #1 unseeded BOD: 9.5 mg/l Pond #2 unseeded BOD: 9.5 mg/l
185	kbatridge	8/12/2020	Pond 1 and Pond 2 are seeded Pond 1: 9 mg/L Pond 2: 13 mg/L
181	jclifton	7/29/2020	Pond 1 & Pond 2 are not seeded Pond 1 10.8 mg/L Pond 2 14 mg/L
180	operator	7/23/2020	Pond 1,2 were seeded pond 1 11 mg/L pond 2 11 mg/L
179	operator	7/22/2020	Pond # 1 12 Mg/L Pond # 2 16 Mg/l After Filters 14 Mg/l
178	kbatridge	7/16/2020	Pond 1 & 2 samples NOT seeded Pond #1 13 Mg/L Pond #2 11 Mg/l
177	kbatridge	7/15/2020	Pond 1 & 2 samples NOT seeded Pond 1 -13.5 mg/L Pond 2 - 12 mg/L
176	jclifton	7/9/2020	Pond 1 , 2 are not seeded POND 1 BOD: 10.9 mg/l POND 2 BOD: 9.6 mg/l ALL Effluent BOD samples failed due to near total oxygen depletion
175	jclifton	7/8/2020	Pond 1 , 2 are not seeded
174	jclifton	7/2/2020	Pond 1 & 2 are not seeded Pond 1 - 13 mg/L Pond 2 - 9 mg/L
173	jclifton	7/1/2020	Pond 1,2 are not seeded Pond 1 - 14 mg/L Pond 2 - 11 mg/L
171	kbatridge	6/24/2020	Pond 1 seeded BOD ave. 9.8 mg/L Pond2 seeded BOD ave. 14 mg/L
172	kbatridge	6/25/2020	Pond #1 12 Mg/L BOD Pond #2 12 Mg/L BOD
169	operator	6/17/2020	Grab samples : pond # 1 (10 mg/L) Pond #2 (10 mg/L). EFF not seeded showed same results as seeded.
167	operator	6/11/2020	Pond # 1>>> 11 Mg/l BOD Pond # 2>>> 9 Mg/ BOD C.O.D Pond #1 37.0 Mg/l Pond #2 42.0 Mg/l Effluent 57.9 Mg/l
166	operator	6/10/2020	Pond #1>>>13 Mg/l BOD Pond #2 >>> 9 Mg/l BOD
163	operator	6/1/2020	EPS irrigation Eff. EFF BOD FAIL/ POND #1 12MG/L BOD POND #2 9 Mg/L BOD
161	kbatridge	5/22/2020	Pond #1 BOD = 11Mg/L Pond #2 BOD = 13Mg/L
160	jclifton	5/21/2020	POND #1 BOD 11Mg/L POND #2 BOD 9 Mg/L
159	kbatridge	5/15/2020	POND #1 BOD 9 MG/L