

From: [Washington, Diana \(ECY\)](#)
To: [Jay, Shweta \(ECY\)](#)
Subject: FW: Question on DMR reviews
Date: Tuesday, October 22, 2019 1:54:53 PM

Will you please add the email below to the communication file and address the violations for Fairfield WA0045489. Thank you, Diana

Diana Washington PE
Washington State Dept. of Ecology
Senior Water Quality Engineer/Permit Manager
Dwas461@ecy.wa.gov
509-329-3519
4601 N Monroe St
Spokane, WA 99205
<https://ecology.wa.gov/Water-Shorelines/Water-quality>

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From: Devin Billington <publicworks@fairfieldwa.com>
Sent: Monday, October 21, 2019 11:59 AM
To: Washington, Diana (ECY) <Dwas461@ecy.wa.gov>; David Tysz <pigeon1231@gmail.com>
Cc: Dennis D. Fuller <DFuller@CenturyWest.com>; Bryan Hicks <BHicks@CenturyWest.com>; Mayor of Fairfield <mayor@fairfieldwa.com>
Subject: RE: Question on DMR reviews

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Dianna,

As we discussed previously at our August 20th meeting with our engineers we believe the high BOD levels are due to not enough aeration, we are working on the aeration in the EQ basin to help with this and we will be sure to have all four aerators on in the first pond as well to insure quality BOD levels. Also discussed in that meeting we will be sure to be operating the plant as designed including cleaning around discharge pipes. This will lower TSS levels at the effluent and therefor raise the percentage of removal. The May violations we noticed after looking back into this after your email that tests were taken and percentage of BOD removal and TSS were not filled out, we will update the DMR to include this. June 27th appears to have possibly had the bottles mixed up, our influent and effluent results seem to be completely backwards of what they should be. The other idea Dennis, our engineer, brought up is our test was done with an effluent flow of 419 GPD, therefore when we were sampling we may have stirred up something due to the small flow only having less than an inch in the discharge tray, we will be careful of this in the future. Sorry for not relaying this to you in a separate form we assumed discussing this at our meeting was okay, we will be on top of getting the information to you if there are any further violations from here on out.

Thank you,

Devin Billington
Public Works Supervisor
TOWN OF FAIRFIELD
(509) 995-4059
Publicworks@Fairfieldwa.com

From: Washington, Diana (ECY) <Dwas461@ecy.wa.gov>
Sent: Wednesday, October 2, 2019 10:22 AM
To: David Tysz <pigeon1231@gmail.com>
Cc: Devin Billington <publicworks@fairfieldwa.com>
Subject: Question on DMR reviews
Importance: High

Hi David, I am reviewing the DMRs for Fairfield and found the following violations. I looked at the DMRs and did not see any notations for the violations in May or June. I also did not receive an email or call that I remember letting me know that they facility violated the permit. Please add a note to the column under comment explaining what caused the violation and what actions you have taken to prevent future violations. Thank you, Diana

Water Quality Name	Max Limit	Measurement Value Quantity	Min Limit	Monitoring Period Begin Date	Monitoring Point Code	Parameter Type	Permit Number	Sample Frequency Type	Event Category	Violation	Statistical Base Type	Unit Type	Value Qualifier	Violation Category Type	Violation Date	Comment
FAIRFIELD WWTP				5/1/2019	1	Solids (Residue)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Monitoring Violations	Frequency of Sampling Violation		Lbs/Day		Permit Violation	5/1/2019	
FAIRFIELD WWTP				5/1/2019	1	Biochemical Oxygen Demand (BOD5)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Monitoring Violations	Frequency of Sampling Violation		Percent		Permit Violation	5/1/2019	
FAIRFIELD WWTP		59	85	6/1/2019	1	Biochemical Oxygen Demand (BOD5)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Average Monthly	Percent		Permit Violation	6/1/2019	
FAIRFIELD WWTP	23	112		6/1/2019	1	Solids (Residue)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Weekly Average	Milligrams/L (mg/L)		Permit Violation	6/1/2019	
FAIRFIELD WWTP	23	75.5		6/1/2019	1	Biochemical Oxygen Demand (BOD5)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Weekly Average	Milligrams/L (mg/L)		Permit Violation	6/1/2019	
FAIRFIELD WWTP	15	59		6/1/2019	1	Solids (Residue)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Average Monthly	Milligrams/L (mg/L)		Permit Violation	6/1/2019	
FAIRFIELD WWTP		-210.5	85	6/1/2019	1	Solids (Residue)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Average Monthly	Percent		Permit Violation	6/1/2019	
FAIRFIELD WWTP	15	40.1		6/1/2019	1	Biochemical Oxygen Demand (BOD5)	WA0045489	1 / two weeks (Once Every 2 Weeks)	Effluent Violations	Numeric effluent violation	Average Monthly	Milligrams/L (mg/L)		Permit Violation	6/1/2019	

Diana Washington, P.E.
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Water Quality Program
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Typical work week: M-F: 7:30 AM – 6:00PM; Flex every other Friday and Monday

Ikigai: be of service

"Effort only fully releases its rewards after a person refuses to quit" Napoleon Hill

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