

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Douglas

Conventional

Month/Year: Aug-23

System Name: Oakland, City of ID#: 41-00581 WTP: TP - 41-00581

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day 1 [NTU]	
1	0.05	0.03	0.02	0.03	0.04	0.07	0.07	
2	0.05	0.03	0.02	0.03	0.04	0.07	0.07	
3	0.05	0.03	0.02	0.03	0.04	0.07	0.07	
4	0.05	0.03	0.02	0.03	0.04	0.07	0.07	
5	0.05	0.03	0.02	0.03	0.05	0.08	0.08	
6	0.05	0.03	0.02	0.03	0.06	0.09	0.09	
7	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
8	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
9	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
10	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
11	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
12	0.05	0.03	0.02	0.03	0.09	0.09	0.09	
13	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
14	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
15	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
16	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
17	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
18	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
19	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
20	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
21	0.06	0.03	0.02	0.03	0.08	0.09	0.09	
22	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
23	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
24	0.06	0.03	0.02	0.03	0.09	0.09	0.09	
25	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
26	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Rain Storm
27	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Temp Down
28	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Return
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03	To
30	0.03	0.03	0.03	0.03	0.03	0.03	0.03	Normal
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03	NTU

Conventional 95% of 4-hour turbidity readings ≤ 0.3 NTU? All 4-hour turbidity readings ≤ 1 NTU? All turbidity readings < IFE2 triggers	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) All Cl2 residual at entry point ≥ 0.2 mg/l?
Yes / No Yes / No Yes / No	Yes / No Yes / No

NOTES: NTU remained between 0.01-0.3 NTU for all effluent water using a new hach grab sampler but online turbidity meters and data from chart recorders over around 0.3 NTU for a period of 4 hours each day when the water temperature is above 85 degree F.; chlorine and alum dose changes have been applied and things get worse in either direction. PHA has been contacted and HBH Consulting Engineers is taking test samples, summer temperatures are holding a bit cooler so effluent process blend combined NTU has been controlled this far.

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 9/1/2023
 C#: T08699-FE

OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	DOUGLAS
System Name:	Oakland, City of	41-00581		Month/Year:	Aug-23	Disinfection Giardia Log	1	
Date / Time	Minimum Cl2 Residual at 1st User (C)	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? 3	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T			formula		[GPM]
1	0.99	163	162	21.00	7.00	18.2	yes	300
2	0.99	163	162	21.00	7.00	18.2	yes	300
3	0.99	163	162	29.00	7.00	10.5	yes	300
4	0.99	163	162	28.00	7.00	11.2	yes	300
5	0.99	163	162	30.00	7.00	9.8	yes	300
6	0.99	163	162	24.00	7.00	14.8	yes	300
7	0.99	163	162	24.00	7.00	14.8	yes	300
8	0.99	163	162	24.00	7.00	14.8	yes	300
9	0.99	163	162	22.00	7.00	17.0	yes	300
10	0.99	163	162	24.00	7.00	14.8	yes	300
11	0.99	163	162	24.00	7.00	14.8	yes	300
12	0.99	163	162	24.00	7.00	14.8	yes	300
13	0.99	163	162	24.00	7.00	14.8	yes	300
14	0.99	163	162	24.00	7.00	14.8	yes	300
15	0.99	163	162	24.00	7.00	14.8	yes	300
16	0.99	163	162	24.00	7.00	14.8	yes	300
17	0.99	163	162	31.00	7.00	9.1	yes	300
18	0.99	163	162	26.00	7.00	12.9	yes	300
19	0.99	163	162	28.00	7.00	11.2	yes	300
20	0.99	163	162	28.00	7.00	11.2	yes	300
21	0.99	163	162	20.00	7.00	19.4	yes	300
22	0.99	163	162	21.00	7.00	18.2	yes	300
23	0.99	163	162	20.00	7.00	19.4	yes	300
24	0.99	163	162	19.00	7.00	20.8	yes	300
25	0.99	163	162	19.00	7.00	20.8	yes	300
26	0.99	163	162	19.00	7.00	20.8	yes	300
27	0.99	163	162	24.00	7.00	14.8	yes	300
28	0.99	163	162	23.00	7.00	15.8	yes	300
29	0.99	163	162	21.00	7.00	18.2	yes	300
30	0.99	163	162	21.00	7.00	18.2	yes	300
31	0.99	163	162	20.00	7.00	19.4	yes	300

3 If Cl2 at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012

(JH)