

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Douglas

Month/Year: Nov-23

Conventional

WTP: TP - 41-00581

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	0.02	0.02	0.02	0.02	0.02	0.02	0.03
2	0.02	0.02	0.02	0.02	0.02	0.02	0.03
3	0.02	0.02	0.02	0.02	0.02	0.02	0.03
4	0.02	0.02	0.02	0.02	0.02	0.02	0.03
5	0.02	0.02	0.02	0.02	0.02	0.02	0.03
6	0.02	0.02	0.02	0.02	0.02	0.02	0.03
7	0.02	0.02	0.02	0.02	0.02	0.02	0.03
8	0.02	0.02	0.02	0.02	0.02	0.02	0.03
9	0.02	0.02	0.02	0.02	0.02	0.02	0.03
10	0.02	0.02	0.02	0.02	0.02	0.02	0.03
11	0.02	0.02	0.02	0.02	0.02	0.02	0.03
12	0.02	0.02	0.02	0.02	0.02	0.02	0.03
13	0.02	0.02	0.02	0.02	0.02	0.02	0.03
14	0.02	0.02	0.02	0.02	0.02	0.02	0.03
15	0.02	0.02	0.02	0.02	0.02	0.02	0.03
16	0.02	0.02	0.02	0.02	0.02	0.02	0.03
17	0.02	0.02	0.02	0.02	0.02	0.02	0.03
18	0.02	0.02	0.02	0.02	0.02	0.02	0.03
19	0.02	0.02	0.02	0.02	0.02	0.02	0.03
20	0.02	0.02	0.02	0.02	0.02	0.02	0.03
21	0.02	0.02	0.02	0.02	0.02	0.02	0.03
22	0.02	0.02	0.02	0.02	0.02	0.02	0.03
23	0.02	0.02	0.02	0.02	0.02	0.02	0.03
24	0.02	0.02	0.02	0.02	0.02	0.02	0.03
25	0.02	0.02	0.02	0.02	0.02	0.02	0.03
26	0.02	0.02	0.02	0.02	0.02	0.02	0.03
27	0.02	0.02	0.02	0.02	0.02	0.02	0.03
28	0.02	0.02	0.02	0.02	0.02	0.02	0.03
29	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30	0.02	0.02	0.02	0.02	0.02	0.02	0.03
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Conventional

Monthly Summary (Answer Yes or No)

95% of 4-hour turbidity readings ≤ 0.3 NTU?

Yes / No

All 4-hour turbidity readings ≤ 1 NTU?

Yes / No

All turbidity readings < IFE2 triggers

Yes / No

CT's met everyday?  
(see hark)

Yes / No

All Cl2 residual at entry point  
≥ 0.2 mg/l?

Yes / No

NOTES: NTU remained between 0.01-0.1 NTU but now chlorine has dropped down to 0.20 mg/l. At this point, c2 has been increase by 200 % and still 0.2 lingers at furthest point, more and more c2 is required and customers complain of taste, odor and mold. Engineers suspect bacteria passed into distribution system that eats iron but is not detected by ecoli test. FEMA has fund project to correct. Sensors still grow slime, optics coated and cleaned to take readings, extreme sludge from organics.

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12/4/2023

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OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	DOUGLAS
System Name:	Oakland, City of		41-00581		Month/Year:	Nov-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	1.63	163	266	13.00	6.70	29.9	yes	300
2	1.63	163	266	13.00	6.70	29.9	yes	300
3	1.65	163	269	14.00	6.70	28.1	yes	300
4	1.42	163	232	14.00	6.70	27.3	yes	300
5	1.60	163	261	14.00	6.70	27.9	yes	300
6	1.60	163	261	14.00	6.70	27.9	yes	300
7	1.60	163	261	14.00	6.70	27.9	yes	300
8	1.60	163	261	12.00	6.70	32.7	yes	300
9	1.60	163	261	12.00	6.70	32.7	yes	300
10	1.60	163	261	10.00	6.70	37.2	yes	300
11	1.60	163	261	10.00	6.70	37.2	yes	300
12	1.60	163	261	10.00	6.70	37.2	yes	300
13	1.60	163	261	11.00	6.70	34.9	yes	300
14	1.87	163	305	12.00	6.70	33.7	yes	300
15	1.87	163	305	12.00	6.70	33.7	yes	300
16	1.87	163	305	12.00	6.70	33.7	yes	300
17	1.87	163	305	12.00	6.70	33.7	yes	300
18	1.87	163	305	13.00	6.70	30.8	yes	300
19	1.87	163	305	13.00	6.70	30.8	yes	300
20	1.87	163	305	11.00	6.70	35.9	yes	300
21	1.87	163	305	11.00	6.70	35.9	yes	300
22	1.87	163	305	9.00	6.70	40.9	yes	300
23	1.88	163	307	10.00	6.70	38.4	yes	300
24	1.89	163	308	10.00	6.70	38.4	yes	300
25	1.85	163	302	9.00	6.70	40.8	yes	300
26	2.00	163	326	6.00	6.70	50.6	yes	300
27	2.00	163	326	6.00	6.70	50.6	yes	300
28	2.00	163	326	4.00	6.70	57.9	yes	300
29	2.00	163	326	4.00	6.70	57.9	yes	300
30	2.05	163	334	6.00	6.70	50.9	yes	300
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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)