

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional

Month/Year: Jul-21

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	0.04	0.04	0.03	0.03	0.03	0.04	0.04
2	0.04	0.04	0.03	0.03	0.03	0.04	0.04
3	0.04	0.04	0.03	0.03	0.03	0.04	0.04
4	0.04	0.04	0.03	0.03	0.03	0.04	0.04
5	0.04	0.04	0.03	0.03	0.03	0.04	0.04
6	0.04	0.04	0.03	0.03	0.03	0.04	0.04
7	0.04	0.04	0.03	0.03	0.03	0.04	0.04
8	0.04	0.04	0.03	0.03	0.03	0.04	0.04
9	0.04	0.04	0.03	0.03	0.03	0.04	0.04
10	0.04	0.04	0.03	0.03	0.03	0.04	0.04
11	0.04	0.04	0.03	0.03	0.03	0.04	0.04
12	0.04	0.04	0.03	0.03	0.03	0.04	0.04
13	0.04	0.04	0.03	0.03	0.03	0.06	0.04
14	0.07	0.05	0.03	0.04	0.05	0.15	0.15
15	0.08	0.05	0.03	0.04	0.08	0.15	0.15
16	0.09	0.05	0.03	0.04	0.08	0.15	0.15
17	0.15	0.08	0.03	0.04	0.08	0.28	0.28
18	0.15	0.08	0.03	0.04	0.08	0.28	0.28
19	0.15	0.08	0.03	0.04	0.08	0.28	0.28
20	0.15	0.08	0.03	0.04	0.08	0.28	0.28
21	0.15	0.08	0.03	0.04	0.08	0.28	0.28
22	0.15	0.08	0.03	0.04	0.08	0.28	0.28
23	0.15	0.05	0.03	0.04	0.08	0.28	0.28
24	0.15	0.05	0.03	0.04	0.08	0.15	0.15
25	0.15	0.05	0.03	0.04	0.08	0.15	0.15
26	0.15	0.05	0.03	0.04	0.08	0.15	0.15
27	0.15	0.05	0.03	0.04	0.08	0.15	0.15
28	0.15	0.05	0.03	0.04	0.08	0.15	0.15
29	0.15	0.05	0.03	0.04	0.08	0.15	0.15
30	0.15	0.05	0.03	0.04	0.08	0.15	0.15
31	0.15	0.05	0.03	0.04	0.08	0.15	0.15

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

NOTES: pH and Temperature and water quality in general is all over the map and under extreme changes due to heat, drought, algae blooms and loss of tree cover and ash in watershed from wildfire, pH varies from 6.5 to 9 each day and temperature changes from 24 C to 32 C each day, so I used the most extreme pH and most extreme temperature for report calculations as these extremes were reached every day at some point in the data collection process and chart recorders. NTU 0.03 to 2.50 NTU

PRINTED NAME: JAMES M. HART	
SIGNATURE: <i>[Signature]</i>	8/1/2021
PHONE #: (541) 580-6617	C#: T08699-FE

1 Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. 2 IPE = Individual Filter Eff. (333-001-004)(1)(+)(B&C)



OHA - Drinking Water Program - Surface Water Quality Data Form						WTP - :	DOUGLAS	
System Name:	Oakland, City of		41-00581		Month/Year:	Jul-21	Disinfection Giardia Log	1
Date / Time	Minimum Cl <sub>2</sub> 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	Yes / No	[GPM]
1	1.30	78	101	32.0	6.5	7.2	yes	545
2	1.30	78	101	32.0	6.5	7.2	yes	545
3	1.30	78	101	32.0	6.5	7.2	yes	545
4	1.30	78	101	32.0	6.5	7.2	yes	545
5	1.30	78	101	32.0	6.5	7.2	yes	545
6	1.30	78	101	32.0	6.5	7.2	yes	545
7	1.30	78	101	32.0	6.5	7.2	yes	545
8	1.30	78	101	32.0	6.5	7.2	yes	545
9	1.30	78	101	32.0	6.5	7.2	yes	545
10	1.30	78	101	32.0	6.5	7.2	yes	545
11	1.30	78	101	32.0	6.5	7.2	yes	545
12	1.30	78	101	32.0	6.5	7.2	yes	545
13	1.30	78	101	32.0	6.5	7.2	yes	545
14	1.30	78	101	32.0	6.5	7.2	yes	545
15	1.30	78	101	32.0	6.5	7.2	yes	545
16	1.30	78	101	32.0	6.5	7.2	yes	545
17	1.30	78	101	32.0	6.5	7.2	yes	545
18	1.30	78	101	32.0	6.5	7.2	yes	545
19	1.30	78	101	32.0	6.5	7.2	yes	545
20	1.30	78	101	32.0	6.5	7.2	yes	545
21	1.30	78	101	32.0	6.5	7.2	yes	545
22	1.30	78	101	32.0	6.5	7.2	yes	545
23	1.30	78	101	32.0	6.5	7.2	yes	545
24	1.30	78	101	32.0	6.5	7.2	yes	545
25	1.30	78	101	32.0	6.5	7.2	yes	545
26	1.30	78	101	32.0	6.5	7.2	yes	545
27	1.30	78	101	32.0	6.5	7.2	yes	545
28	1.30	78	101	32.0	6.5	7.2	yes	545
29	1.30	78	101	32.0	6.5	7.2	yes	545
30	1.30	78	101	32.0	6.5	7.2	yes	545
31	1.30	78	101	32.0	6.5	7.2	yes	545

3 If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, DWP to be notified by end of next business day.

Revised February 2012