

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional

Month/Year: Mar-24

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	OFF	OFF	OFF	OFF	OFF	OFF	0.03
5	OFF	OFF	OFF	OFF	OFF	OFF	0.03
6	OFF	OFF	OFF	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	OFF	OFF	OFF	0.03
21	0.02	0.02	0.02	0.02	0.02	0.02	0.03
22	0.02	0.02	0.02	OFF	OFF	OFF	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	OFF	OFF	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	0.02
31	0.02	0.02	0.02	0.02	0.02	0.02	0.02

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 back)

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 levels at furthest point, cl2 has been increase by 200 % and still 0.2 lingers at furthest point, more and more cl2 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 funded project to correct. Sensors still grow slime, optics coated and cleaned to take readings, extreme sludge from organics.

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4/1/2024

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OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	DOUGLAS
System Name:	Oakland, City of		41-00581		Month/Year:	Mar-24	Disinfection Giardia Log Inactive:	1
Date / Time	Minimum Cl2 Residual at 1st User (C) 3	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	1.30	163	212	9.50	6.90	39.8	yes	300
2	1.30	163	212	9.90	6.90	38.8	yes	300
3	1.50	163	245	8.80	6.90	42.6	yes	300
4	1.50	163	245	8.30	6.90	44.1	yes	300
5	1.30	163	212	8.30	6.90	43.1	yes	300
6	1.50	163	245	8.70	6.90	42.9	yes	300
7	1.47	163	240	7.60	6.90	46.0	yes	300
8	1.50	163	245	8.90	6.90	42.4	yes	300
9	1.50	163	245	10.10	6.90	39.2	yes	300
10	1.60	163	261	10.60	6.90	38.3	yes	300
11	1.60	163	261	10.80	6.90	37.8	yes	300
12	1.60	163	261	10.80	6.90	37.8	yes	300
13	1.60	163	261	10.80	6.90	37.8	yes	300
14	1.45	163	237	8.80	6.90	42.4	yes	300
15	1.45	163	237	9.00	6.90	41.8	yes	300
16	1.45	163	237	9.10	6.90	41.6	yes	300
17	1.30	163	212	10.60	6.90	37.1	yes	300
18	1.30	163	212	10.50	6.90	37.3	yes	300
19	1.30	163	245	11.80	6.90	35.1	yes	300
20	1.50	163	253	12.90	6.90	32.0	yes	300
21	1.50	163	245	13.00	6.90	31.8	yes	300
22	1.50	163	245	13.20	6.90	31.3	yes	300
23	1.50	163	245	13.80	6.90	30.1	yes	300
24	1.50	163	245	12.10	6.90	34.4	yes	300
25	1.50	163	245	10.90	6.90	37.2	yes	300
26	1.50	163	245	10.80	6.90	37.4	yes	300
27	1.50	163	245	10.70	6.90	37.7	yes	300
28	1.50	163	245	10.70	6.90	37.7	yes	300
29	1.60	163	261	10.60	6.90	38.3	yes	300
30	1.60	163	261	10.60	6.90	38.3	yes	300
31	1.60	163	261	10.60	6.90	38.3	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)