

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional

Month/Year: Feb-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	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	LEAP	YEAR					
31							

Conventional		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings \leq 0.3 NTU?	Yes / No	CT's met everyday? (see back)	All Cl ₂ residual at entry point \geq 0.2 mg/l?
All 4-hour turbidity readings \leq 1 NTU?	Yes / No	Yes / No	Yes / No
All turbidity readings < IFE2 triggers	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.

PRINTED NAME: JAMES M. HART	
PRINTED NAME: JAMES M. HART	3/17/2024
PHONE #: (541) 580-6617	C#: T08699-FE

57

OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	DOUGLAS
System Name:	Oakland, City of		41-00581		Month/Year:	Feb-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	1.10	163	179	11.00	6.90	35.3	yes	220
2	1.10	163	179	11.00	6.90	35.3	yes	220
3	1.10	163	179	12.00	6.90	33.2	yes	220
4	1.10	163	179	8.00	6.90	43.0	yes	220
5	1.10	163	179	8.00	6.90	43.0	yes	220
6	1.10	163	179	8.00	6.90	43.0	yes	220
7	1.10	163	179	10.00	6.90	37.7	yes	220
8	1.10	163	179	10.00	6.90	37.7	yes	220
9	1.10	163	179	10.00	6.90	37.7	yes	220
10	1.10	163	179	10.00	6.90	37.7	yes	220
11	1.10	163	179	10.00	6.90	37.7	yes	220
12	1.10	163	179	10.00	6.90	37.7	yes	220
13	1.10	163	179	10.00	6.90	37.7	yes	220
14	1.10	163	179	10.00	6.90	37.7	yes	220
15	1.10	163	179	10.00	6.90	37.7	yes	220
16	1.10	163	179	10.00	6.90	37.7	yes	220
17	1.10	163	179	11.00	6.90	35.3	yes	220
18	1.10	163	179	11.00	6.90	35.3	yes	220
19	1.10	163	179	11.00	6.90	35.3	yes	220
20	1.10	163	253	11.00	6.90	35.3	yes	220
21	1.10	163	179	11.00	6.90	35.3	yes	220
22	1.10	163	179	11.00	6.90	35.3	yes	220
23	1.10	163	179	11.00	6.90	35.3	yes	220
24	1.10	163	179	12.00	6.90	33.2	yes	220
25	1.10	163	179	9.00	6.90	40.2	yes	220
26	1.10	163	179	10.00	6.90	37.7	yes	220
27	1.10	163	179	10.00	6.90	37.7	yes	220
28	1.10	163	179	9.00	6.90	40.2	yes	220
29	1.10	163	179	9.00	6.90	40.2	yes	220
30								
31								

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)