

OHA - Drinking Water Program -Turbidity Monitoring Report Form

County: Douglas

Conventional

Month/Year: May-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	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2	0.03	0.03	0.03	0.03	0.03	0.03	0.03
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5	OFF	OFF	OFF	OFF	0.03	0.03	0.03
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8	OFF	OFF	OFF	OFF	OFF	OFF	0.03
9	OFF	OFF	0.03	0.03	0.03	0.03	0.03
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12	Off	Off	Off	Off	Off	Off	0.03
13	OFF	OFF	OFF	OFF	OFF	OFF	0.03
14	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26	0.03	0.03	0.03	OFF	OFF	OFF	0.03
27	OFF	OFF	OFF	OFF	OFF	OFF	0.03
28	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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

NOTES: NTU remained between 0.01-0.1 NTU, chlorine/alum mixed by accident inside WTP, S&A software failed without manual bypass. Stain on optics present. Filter profile shows a dramatic change in raw water organics, filter times have been increased by 300% @ 200 GPM

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 6/3/2024
 C#: T08699-FE

OHA - Drinking Water Program - Surface Water Quality Data Form							WTP - :	DOUGLAS
System Name:	Oakland, City of		41-00581		Month/Year:	May-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	1.81	163	295	10.90	6.90	38.5	yes	300
2	1.81	163	295	13.10	6.90	32.7	yes	300
3	1.81	163	295	14.20	6.90	30.4	yes	300
4	1.43	163	233	14.10	6.90	29.3	yes	300
5	1.43	163	233	14.10	6.90	29.3	yes	300
6	1.43	163	233	10.50	6.90	37.9	yes	300
7	1.31	163	214	14.10	6.90	28.9	yes	300
8	1.31	163	214	15.00	6.90	27.2	yes	300
9	1.31	163	214	16.30	6.90	24.9	yes	300
10	1.31	163	214	16.10	6.90	25.3	yes	300
11	1.31	163	214	16.10	6.90	25.3	yes	300
12	1.31	163	214	16.80	6.90	24.1	yes	300
13	1.31	163	214	21.60	6.90	17.4	yes	300
14	1.31	163	214	22.00	6.90	17.0	yes	300
15	1.31	163	214	22.00	6.90	17.0	yes	300
16	1.31	163	214	19.10	6.90	20.6	yes	300
17	1.31	163	214	18.50	6.90	21.5	yes	300
18	1.31	163	214	18.30	6.90	21.8	yes	300
19	1.31	163	214	18.00	6.90	22.2	yes	300
20	1.31	163	253	13.50	6.90	30.1	yes	300
21	1.31	163	214	14.50	6.90	28.1	yes	300
22	1.20	163	196	16.50	6.90	24.3	yes	300
23	1.20	163	196	17.10	6.90	23.3	yes	300
24	1.20	163	196	17.50	6.90	22.7	yes	300
25	1.20	163	196	18.10	6.90	21.8	yes	300
26	1.20	163	196	17.60	6.90	22.5	yes	300
27	1.20	163	196	17.90	6.90	22.1	yes	300
28	1.20	163	196	16.10	6.90	24.9	yes	300
29	1.20	163	196	15.50	6.90	26.0	yes	300
30	1.20	163	196	15.10	6.90	26.7	yes	300
31	1.20	163	196	15.00	6.90	26.9	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)

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