

OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

County: Cook

Month/Year: Jan. 2022

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day [NTU]
1					0.021	0.021
2					0.021	0.021
3					0.021	0.021
4					0.022	0.022
5					0.023	0.023
6					0.020	0.020
7					0.019	0.019
8					0.025	0.025
9					0.025	0.025
10					0.019	0.019
11					0.019	0.019
12					0.019	0.019
13					0.020	0.020
14					0.038	0.038
15					0.020	0.020
16					0.019	0.019
17					0.019	0.019
18					0.019	0.019
19					0.023	0.023
20					0.024	0.024
21					0.020	0.020
22					0.019	0.019
23					0.025	0.025
24					0.025	0.025
25	75	50	25	25	0.149	0.149
26					0.020	0.020
27					0.019	0.019
28					0.020	0.020
29					0.025	0.025
30					0.024	0.024
31					0.019	0.019

Cartridge & Bag Filtration

Monthly Summary (Answer Yes or No)

95% of daily turbidity readings \leq 1 NTU?

Yes/No

CT's met everyday? (see back)

All Cl2 residual at entry point \geq 0.2 mg/l?

All daily turbidity readings \leq 5 NTU?

Yes/No

Yes/No

Yes/No

Notes: PSI = pounds per square inch

PSID = pounds per square inch difference (before filter - after filter)

PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.

PRINTED NAME: THOMAS HANSON

SIGNATURE: [Signature] DATE: 2/2/22

PHONE #: (847) 209-0321 CERT #: 1-05796

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

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Month/Year: Jan. 2022

System Name: Belloni Boys Ranch

ID#: 41-08592

WTP- A

Disinfection
virus Log 4
Inactiv:

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temperature	Required CT (see bottom table - value is based on temperature)	Required CT Met? ²
	[ppm or mg/L]	[minutes]	C X T	[degrees C]	[mg-min/L]	Yes / No
1	1.0	148	14.8	7	8	y
2	1.0	148	14.8	7	8	y
3	1.1	148	16.28	7	8	y
4	0.8	148	11.84	7	8	y
5	1.1	148	16.28	8	8	y
6	0.6	148	8.88	9	8	y
7	0.4	148	5.92	9	8	y
8	0.7	148	10.36	9	8	y
9	0.7	148	10.36	8	8	y
10	0.8	148	11.84	8	8	y
11	0.5	148	7.4	9	8	y
12	0.6	148	8.88	8	8	y
13	0.5	148	7.4	8	8	y
14	0.4	148	5.92	9	8	y
15	0.8	148	11.84	9	8	y
16	0.2	148	2.96	9	8	y
17	0.7	148	10.36	9	8	y
18	0.6	148	8.88	8	8	y
19	0.3	148	4.44	8	8	y
20	0.8	148	11.84	9	8	y
21	0.4	148	5.92	9	8	y
22	0.9	148	13.32	8	8	y
23	0.8	148	11.84	8	8	y
24	0.6	148	8.88	8	8	y
25	0.5	148	7.4	7	8	y
26	0.6	148	8.88	7	8	y
27	0.8	148	11.84	6	8	y
28	0.4	148	5.92	6	8	y
29	0.8	148	11.84	6	8	y
30	0.8	148	11.84	6	8	y
31	0.8	148	11.84	6	8	y

² If Cl₂ at entry point < 0.2 mg/l or the CT not met, notify DWS within 24 hours.

Required CT for viral inactivation (for pH range of 6.0 to 9.9)						
Temp (C°)	0-4.9	5.0 - 9.9	10.0 - 14.9	15.0 - 19.9	20 - 24.9	≥ 25.0 C
Required CT	12	8	6	4	3	2

Return by 10th of following month by email, fax or mail to:
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350