70% narrow marg.ns

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

MONTHLY IRON REMOVAL AND ION EXCHANGE SOFTENING REPORT

ON _____ PUBLIC WATER SUPPLY

FOR MONTH OF April 2024

Date	RAW WATER: Time Meter Read	RAW WATER: Meter Reading (1000 Gal)	RAW WATER: Water Treated (1000 Gal)	CHEMICALS APPLIED: Chlorine Am't Used lbs. or Gal.	Chlorine Calc mg/l	Fluoride Am't Used lbs. or Gal.	Fluoride Calc mg/l	NaMo4 Am't Used lbs. or Gal.	NaMo4 Calc mg/l	Phosphate Am't Used lbs. or Gal.	Phosphate Calc mg/l	FILTERS: Each day indicate total number of hours since previous backwash. If backwashed at mid-day indicate "hours previous" / "hours following" 1	2	3	4	Wash Water Used Gal.	Water Softened Gal.	Water By-passed Gal.	Each day indicate total number of hours since previous regeneration. If regenerated at mid-day, indicate hours previous/hours following. 1	2	3	4	CHEMICAL TESTS: RAW Ph	Fe mg/l	Mn mg/l	FINISHED pH	Phosphate mg/l p	Phosphate mg/l Tot	Fe mg/l	Mn mg/l	f mg/l	Dist. Cl res. F = Free T = Total mg/l	Dist. Cl res. F = Free T = Total mg/l	Remarks: Use reverse side for additional remarks
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	z	cc	dd	ee	ff	gg	ii	jj	kk	ll	mm	
1	610A	491649	1993	1204	8.69	39	.42	41	.49	51	3.09												7.38	.15	.251	7.79	1.74		.03	.028	.92	2.96	2.46	
2	610A	1993	2127	1244	8.41	32	.33	52	.59	86	4.84												7.32	.15	.235	7.77	1.70		.04	.035	.92	2.02	1.80	
3	615A	4120	1822	1132	8.93	30	.36	38	.50	85	5.59	118				25							7.27	.16	.293	7.81	2.11		.62	.038	.90	2.13	1.85	
4	615A	5942	1551	1009	9.36	27	.38	24	.37	74	5.72												7.29	.14	.290	7.78	2.09		.02	.037	.84	1.93	1.89	
5	605A	7493	1.674	1212	10.41	38	.49	53	.75	89	6.37	48				25							7.27	.09	.282	7.81	2.28		.02	.035	.87	3.15	3.27	
6	900A	9167	1.748	1047	7.18	29	.36	39	.53	63	4.32												7.36			7.41	2.00			.024	.90	1.38	1.06	
7	900A	10915	1.515	951	9.03	25	.36	35	.55	57	4.51												7.39			7.42	2.02			.020	1.08	1.12	.88	
8	620A	12430	1.196	1161	13.96	29	.47	45	.90	56	5.61												7.44	.07	.247	7.84	1.69		.01	.028	1.00	2.59	2.45	
9	615A	13626	1.5629	1122	10.33	32	.45	21	.32	69	5.89												7.37	.05	.232	7.85	1.66		.02	.019	.95	3.55	3.16	
10	605A	15188	1.653	10064	9.26	33	.43	85	1.23	74	5.36												7.42	.08	.266	7.83	1.88		.01	.026	.90	3.26	3.04	
11	605A	16841	1.513	947	9.00	27	.39	34	.54	59	4.68												7.34	.05	.234	7.86	1.97		.02	.018	.96	1.84	1.58	
12	600A	18354	1.623	1225	10.86	38	.51	85	1.26	83	6.13	1166				25							7.54	.04	.235	7.92	1.86		.01	.034	.92	2.04	1.85	
13	805A	19977	1.618	989	9.79	29	.39	64	.95	61	4.52																1.95			.042	.97	1.58	1.56	
14	745A	21595	1.480	911	8.86	26	.38	74	1.20	56	4.53																1.90			.029	1.02	1.61	1.41	
15	615A	23075	1.557	1072	9.91	31	.43	60	.92	63	4.85	71				24							7.33	.04	.234	7.88	1.91		.01	.047	.95	1.83	1.61	
16	615A	24632	1.714	1209	10.15	32	.41	45	.63	69	4.82	25				24							7.49	.04	.249	7.92	1.61		.01	.041	.98	1.88	1.71	
17	600A	26346	1.484	855	8.29	24	.23	91	1.49	52	4.02												7.43	.11	.222	7.89	1.82		.02	.020	1.03	1.79	1.46	
18	650A	27830	1.320	529	5.16	27	.44	91	1.65	62	5.63												7.54	.05	.236	7.92	1.93		.01	.022	.99	1.52	1.43	
19	610A	29150	1.758	589	4.82	33	.40	44	.60	80	5.45	73				59							7.41	.04	.233	7.85	1.85		.02	.039	.98	1.32	1.20	
20	730A	30908	1.524	660	6.23	23	.32	30	.47	50	3.93																1.80			.027	.93	.88	.67	
21	830A	32432	1.483	926	8.98	29	.43	35	.57	66	5.34																1.73			.015	.86	1.16	.98	
22	550A	33915	1.484	1044	10.12	32	.47	38	.61	74	5.98	67				51							7.46	.04	.248	7.80	1.87		.01	.031	.97	1.92	1.76	
23	605A	33571	1.678	954	8.18	30	.39	36	.51	67	4.79												7.44	.08	.229	7.92	1.95		.02	.022	.89	3.00	2.76	
24	605A	37222	1.514	921	8.15	28	.46	35	.55	67	5.31	46				51							7.47	.10	.239	7.91	1.88		.01	.030	.91	2.40	2.26	
25	610A	38736	1.779	1035	8.37	33	.40	41	.55	76	5.12												7.30	.09	.220	7.85	1.92		.02	.031	.86	2.66	2.20	
26	615A	40515	1.5608	1011	9.28	27	.38	34	.52	64	4.98												7.44	.04	.237	7.84	1.62		.02	.023	.85	1.38	1.01	
27	755A	42083	1.570	1017	9.32	28	.39	35	.53	70	5.35																1.87			.026	1.03	3.79	3.37	
28	755A	43653	1.776	997	8.07	29	.36	33	.45	73	4.92																1.98			.029	.92	4.12	3.84	
29	625A	45429																					7.38	.05	.228	7.91	1.94		.02	.035	.87	2.80	2.33	
30																																		
31																																		
Total																																		
Max.																																		
Min.																																		
Ave.			#DIV/0!																															

*Enter Final Reading Last Month

POINT OF APPLICATION ➡

METER LOCATION:

1. _____ % Chlorine Solution Fed
2. _____ % Fluoride Solution Fed
3. _____ % _____ Solution Fed
4. _____ % _____ Solution Fed

CHLORINATION

Type of Chlorine Used

- ☐ Chlorine Gas
- ☐ Calcium Hypochlorite ____%
- ☐ Sodium Hypochlorite ____%

Chlorine Test Kit Used: _____

FLUORIDATION

Type of Fluoride Used

- ☐ Hydrofluosilicic Acid ____%F
- ☐ Sodium Fluoride ____%F
- ☐ Other _____

Type of Test Instrument Used: __