

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Douglas

Cartridge or Bag Filtration

Month/Year: 05/24

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day ¹ [NTU]
1	52	36	16	30	.03	.03
2	45	29	16		.03	.03
3	43	28	15		.04	.04
4	43	27	16		.03	.03
5	42	27	15		.6	.6
6	42	26	16		.8	.8
7	46	30	16		.05	.05
8	50	32	18		.08	.08
9	44	30	14		.05	.05
10	47	28	19		.1	.1
11	46	28	18		.2	.2
12	47	28	19		.2	.2
13	50	31	19		.6	.6
14	47	28	19		.1	.1
15	50	31	19		.1	.1
16	45	44	1		.1	.1
17	46	48	2		.1	.1
18	44	42	2		.2	.2
19	44	42	2		.2	.2
20	44	43	1		.2	.2
21	46	45	1		.2	.2
22	41	40	1		.2	.2
23	44	43	1		.2	.2
24	50	48	2		.2	.2
25	46	44	2		.2	.2
26	44	42	2		.2	.2
27	57	56	1		.2	.2
28	45	44	1		.2	.2
29	46	45	1		.2	.2
30	51	52	1		.2	.2
31	50	52	2	30	.2	.2

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		
Notes: PSI = pounds per square inch	PRINTED NAME: John Woody	
PSID = pounds per square inch difference (before filter - after filter)	SIGNATURE: John Woody	DATE: 6-7-24
PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter at what PSID.	PHONE #: (541) 643-6137	CERT #: 7232

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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: Umpqua Ranch Cooperative

ID#: 41 00714

Month/Year: *30* May 2024

Disinfection
Giardia Log
Inactiv:

0.5

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		formula	Yes / No	[GPM]
1	1.48	105	155	10	7.22	24	yes	60
2	1.48	105	155	11	7.09	23	yes	60
3	1.55	105	162	11	7.36	24	yes	60
4	1.47	105	154	11	6.96	20	yes	60
5	1.35	105	141	10	7.02	19	yes	60
6	1.11	105	117	11	7.03	23	yes	60
7	1.18	105	124	11	7.08	23	yes	60
8	1.36	105	143	11	7.01	23	yes	60
9	1.11	105	117	12	7.30	23	yes	60
10	.46	105	48	15	7.60	17	yes	60
11	.67	105	70	15	7.77	18	yes	60
12	.90	105	94	16	7.45	15	yes	60
13	.84	105	88	15	7.67	18	yes	60
14	1.30	105	137	15	7.63	19	yes	60
15	.78	105	82	14	7.68	26	yes	60
16	1.40	105	147	15	7.58	19	yes	60
17	1.25	105	131	16	7.72	19	yes	60
18	1.35	105	141	13	8.20	23	yes	60
19	1.91	105	200	14	7.53	30	yes	60
20	1.81	105	190	14	7.73	28	yes	60
21	1.63	105	171	13	7.61	36	yes	60
22	1.64	105	172	14	8.00	30	yes	60
23	1.87	105	196	12	7.36	25	yes	60
24	1.69	105	177	14	7.19	25	yes	60
25	1.52	105	159	14	7.98	29	yes	60
26	1.41	105	148	14	7.43	24	yes	60
27	1.45	105	152	14	7.34	24	yes	60
28	1.59	105	167	15	7.21	16	yes	60
29	1.72	105	180	15	7.41	16	yes	60
30	1.69	105	177	14	7.43	25	yes	60
31	1.63	105	171	14	7.38	25	yes	60

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

Revised July 2018

Return by 10th of following month by email, fax, or mail to:

dwp.dnce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Date	River Water Meter Reading	Daily Flow From River (GPD)	Finished Water Meter Reading (River Plus Wells)	Daily Finished Water Flow (GPD)	Reservoir Level (%)	Sand Filters PSID In-Out-PSID	Filter RM 5 Micron Pentek Filters PSID		Filter RM Harmco LT2 Filters PSID	Disinfection Room Pentek filters PSID		Turbidity		pH		Temp (C)		C12 Residual <small>(For Distribution Samples, Take at Office on Tuesday, Wednesday on Thursdays)</small>					Chemical Pump Settings		pH Meter Slope	Operator Initials	Comments
							In-Out-PSID	In-Out-PSID		In-Out-PSID	Raw	Finished	Raw	1st user	Raw	1st User	Pre-chlorine	Plant	1st user	Distribution System (2x weekly)	Pre-Chlorine	Finished Chlorine					
1	14014500	16300	23523600	19900	45	84-76-8	75-76-1	62-86-16	43-48-5	15.2	.03	7.44	7.22	9	10	1.16	1.94	1.48	—	70	30	-24.1	JS				
2	14030800	9800	23543500	11100	80	82-72-10	71-72-1	45-29-16	42-47-5	15.1	.03	7.01	7.09	10	11	1.17	2.10	1.48	1.39	70	30	-18.1	JS				
3	14039100	8500	23554600	11600	100	87-85-2	84-85-2	43-28-15	44-47-3	28.1	.04	6.27	7.26	11	12	1.97	2.33	1.55	—	70	30	-32.9	ST				
4	140448100	4200	23566900	9500	95	87-84-3	83-84-1	42-21-16	44-47-3	150	.03	7.08	6.98	11	11	1.12	2.27	1.47	—	70	30	-11.9	ST				
5	14054300	2800	23575700	6300	75	70-108-2	67-68-1	42-27-15	43-46-3	158	.6	6.68	7.02	10	10	1.10	1.69	1.35	—	70	30	-13.9	ST				
6	14057100	6400	23582006	9300	30	47-46-1	45-46-1	42-26-16	40-46-6	67.6	.8	7.06	7.27	10	11	.99	1.59	1.11	—	70	30	-14.7	JS				
7	14063500	9500	23591300	12500	25	80-76-4	75-76-1	46-30-16	51-55-4	124	.05	7.00	7.08	11	11	1.51	1.60	1.18	1.19	70	30	-14.4	JS				
8	14073000	10900	23603900	13500	20	66-62-4	61-62-1	50-32-18	45-50-5	69.5	.08	6.91	7.01	11	11	1.36	1.90	1.36	—	70	30	-12.5	JS				
9	14083800	17200	23617400	19900	30	60-47-13	46-47-1	44-30-14	41-48-7	42.7	.05	6.75	7.30	11	12	.55	1.84	1.11	1.13	70	30	-26.4	JS				
10	14101100	16100	23627300	18900	70	89-84-5	83-84-1	47-28-19	52-55-3	8.3	.1	7.63	7.60	15	15	.45	1.09	.46	—	70	35	-42.1	ST				
11	14117200	16800	23655600	17000	95	44-62-2	63-62-1	46-28-18	45-48-3	8.13	.2	7.84	7.77	15	15	.31	2.11	.67	—	70	40	-49.7	ST				
12	14124000	15600	23672600	15800	90	68-65-3	64-65-1	47-28-19	45-48-3	3.8	.2	7.41	7.45	15	16	.30	1.78	.90	—	70	40	-23.7	ST				
13	14149600	15200	23685400	16500	95	112-88-24	87-88-1	50-31-19	45-50-5	1.18	.6	6.98	7.67	13	15	.33	1.64	.84	—	70	46	-43.9	JS				
14	14164900	4960	23701900	8900	95	68-66-2	65-66-1	47-28-19	48-57-5	3.54	.1	7.56	7.63	15	15	.40	1.27	1.30	1.18	70	46	-42.5	JS	Replaced Harmco Gauge			
15	14169700	13600	23710700	16100	100	112-87-25	86-87-1	50-31-19	45-49-4	31.5	.1	7.05	7.68	13	14	1.19	1.75	.78	—	70	50	-57.2	JS				
16	14183300	3800	23726800	9700	100	88-81-49	88-89-1	45-49-1	42-47-5	21.4	.1	6.86	7.58	14	15	.24	3.14	1.40	1.21	70	50	-57.2	JS				
17	14187100	6000	23736500	11000	85	88-81-1	68-74-6	48-46-2	46-48-2	10.5	.1	6.40	7.72	15	16	.60	2.43	1.25	—	70	45	-51.8	ST				
18	14193100	8200	23747500	14600	700	42-46-2	92-93-1	44-42-2	45-47-2	9.17	.2	6.41	8.20	14	13	.81	2.81	1.25	—	70	45	-51.12	ST				
19	14201300	6700	23761500	16700	90	48-44-4	98-91-1	44-42-2	47-50-3	8.96	.2	7.51	7.53	12	14	.97	2.58	1.91	—	70	40	-56.81	ST				
20	14208600	10100	23772200	14900	100	110-85-25	88-91-1	44-43-1	45-50-5	12.1	.2	6.95	7.73	12	14	.40	1.42	1.81	—	70	35	-56.7	JS				
21	14218100	12500	23787100	18400	160	136-95-35	95-96-1	45-46-1	43-48-6	12.3	.2	6.71	7.61	12	13	.53	2.14	1.63	1.42	70	35	-56.4	JS				
22	14230600	13500	23805500	17600	90	112-84-28	92-93-1	40-41-1	42-48-6	8.58	.2	8.04	8.00	14	14	.72	1.38	1.64	—	70	35	-56.2	JS				
23	14243100	12800	23822500	18000	90	136-88-48	88-89-1	40-41-1	42-48-6	8.26	.2	6.96	7.36	11	12	1.04	2.75	1.87	1.80	70	35	-56.6	JS				
24	14255900	9500	23840500	12700	100	118-110-8	86-86-0	50-48-2	45-47-2	6.72	.2	5.88	7.19	14	14	.75	2.33	1.69	—	70	30	-56.21	ST				
25	14266400	7200	23853200	11200	95	147-144-3	95-95-0	44-46-2	48-51-3	6.58	.2	8.04	7.98	13	14	.79	1.94	1.52	—	70	30	-55.81	ST				
26	14272600	6900	23864400	10900	160	141-149-2	90-92-2	42-44-2	45-47-2	5.50	.2	6.25	7.43	14	14	.87	2.54	1.41	—	70	30	-55.85	ST				
27	14279500	11400	23895300	17000	90	148-146-2	88-89-1	56-57-1	54-57-3	2.13	.2	6.90	7.34	13	14	.63	1.93	1.45	—	70	30	-57.72	JS				
28	14290900	9800	23892300	13200	90	116-108-8	90-91-1	44-45-1	44-46-5	4.92	.2	6.98	7.21	14	15	1.10	2.05	1.59	—	70	30	-57.11	JS				
29	14300700	9200	23905500	12500	85	66-61-5	63-64-1	45-46-1	43-47-4	3.90	.2	7.28	7.41	15	15	.47	1.84	1.72	—	70	30	-57.00	JS				
30	14309900	8400	23918000	12500	100	134-98-51	88-90-2	51-52-1	49-54-15	7.26	.2	6.79	7.43	13	14	.69	1.45	1.69	1.79	70	30	-56.76	JS				
31	14318860	9400	23930500	13200	100	129-124-5	88-91-3	50-52-2	49-53-4	6.28	.2	5.12	7.38	14	14	1.07	2.03	1.63	—	70	30	-56.67	ST				

Notes:

Chemical Mix Ratio
Chlorine
Gal Cl2 to Gal Water

pH	Lot#
4	36C916
7	36C914
10	36C825

Monthly Water Production- Finished Water	
Meter Reading 1st of this Month:	14014500
Meter Reading 1st of Last Month:	13782800
Monthly Total (Gallons):	231,700
Monthly Average Gal/Day:	7474