

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Douglas

Cartridge or Bag Filtration

Month/Year: 06/24

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day <sup>1</sup> [NTU]
1	46	44	2	30	.2	.2
2	46	44	2	1	.2	.2
3	46	44	2	1	.2	.2
4	46	44	2	1	.2	.2
5	45	44	1	1	.2	.2
6	44	43	1	1	.2	.2
7	56	55	1	1	.04	.04
8	46	44	2	1	.04	.04
9	48	46	2	1	.04	.04
10	42	41	1	1	.04	.04
11	46	44	2	1	.3	.3
12	44	41	3	1	.1	.1
13	46	44	2	1	.1	.1
14	46	44	2	1	.04	.04
15	48	47	1	1	.04	.04
16	45	43	2	1	.04	.04
17	43	42	1	1	.2	.2
18	44	46	2	1	.1	.1
19	47	45	2	1	.04	.04
20	45	42	3	1	.04	.04
21	47	45	2	1	.04	.04
22	45	43	2	1	.04	.04
23	46	44	2	1	.04	.04
24	46	42	4	1	.05	.05
25	45	43	2	1	.04	.04
26	58	50	8	1	.04	.04
27	44	43	1	1	.04	.04
28	45	44	1	1	.04	.04
29	56	55	1	1	.04	.04
30	49	48	1	1	.04	.04
31				30		

<b>Cartridge &amp; Bag Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> 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: Jonathan Woody SIGNATURE: <i>Jonathan Woody</i> DATE: 7-8-24 PHONE #: (541) 643-6137      CERT #: 7232	

<sup>1</sup> 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:

Disinfection Giardia Log Inactiv: 0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>2</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>2</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.40	105	147	16	7.49	16	yes	60
2	1.37	105	143	17	7.33	16	yes	60
3	1.53	105	166	15	7.40	16	yes	60
4	1.39	105	146	15	7.34	16	yes	60
5	1.14	105	120	15	7.10	15	yes	60
6	1.39	105	146	15	7.09	16	yes	60
7	1.22	105	128	16	7.28	16	yes	60
8	1.13	105	118	17	7.08	15	yes	60
9	1.29	105	135	17	7.24	16	yes	60
10	1.31	105	138	17	7.21	16	yes	60
11	1.44	105	151	17	7.35	16	yes	60
12	1.34	105	141	16	7.15	16	yes	60
13	1.40	105	147	16	7.43	16	yes	60
14	1.03	105	108	18	7.54	19	yes	60
15	1.26	105	132	16	7.14	16	yes	60
16	1.33	105	139	15	6.98	13	yes	60
17	1.18	105	124	15	7.10	15	yes	60
18	1.30	105	137	13	7.18	23	yes	60
19	1.26	105	132	15	7.37	16	yes	60
20	1.30	105	137	16	6.92	13	yes	60
21	1.28	105	134	17	7.13	16	yes	60
22	1.28	105	134	17	7.26	16	yes	60
23	1.20	105	126	18	7.18	16	yes	60
24	1.07	105	112	17	6.96	13	yes	60
25	1.09	105	114	18	7.34	15	yes	60
26	1.04	105	109	18	7.96	19	yes	60
27	1.22	105	128	17	7.31	16	yes	60
28	1.08	105	113	17	7.30	15	yes	60
29	1.19	105	124	26	7.13	12	yes	60
30	1.40	105	147	18	7.15	16	yes	60
31		105						60

<sup>2</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours. Return by 10th of following month by email, fax, or mail to: [dwp.dmce@state.or.us](mailto:dwp.dmce@state.or.us); 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Revised July 2018

Treatment Report

Bench Sheet

Month/Year

June 2024

Water System: Umpqua Ranch Coop Sys# 41-00714

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 Harmsco LT2 Filters PSID	Disinfection Room Pentek filters PSID	Turbidity		pH		Temp (C)		Cl2 Residual <small>(For Distribution Samples, Take at Office on Tuesday, Birchwood on Thursday)</small>				Chemical Pump Settings		pH Meter Slope	Operator Initials	Comments
							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	14328200	7900	23943100	11600	106	137-129-8	96-96-1	46-44-2	47-51-4	5.72	.2	6.68	7.49	16	16	47	1.93	1.40	—	70	25	-56.45	ST	
2	14336100	6800	23955300	10300	106	140-127	86-87-1	46-44-2	45-47-2	8.01	.2	7.16	7.33	15	17	.51	1.88	1.37	—	70	25	-56.35	ST	
3	14342900	10200	23965600	14400	90	88-82-2	80-81-1	46-44-2	43-46-3	7.22	.2	7.19	7.40	16	15	.24	1.75	1.58	—	70	25	-57.11	JB	
4	14353100	8500	23980000	12400	100	135-95-40	94-95-1	46-44-2	42-48-6	16.8	.2	6.77	7.34	13	15	.68	1.32	1.39	1.38	70	25	-56.74	JB	
5	14361600	10300	23992400	14200	90	150-95-52	85-96-1	45-44-1	43-47-4	12.8	.2	6.97	7.10	14	15	.84	1.40	1.14	—	70	25	-56.88	JB	
6	14371900	5900	24006600	8300	90	142-98-114	94-95-1	44-43-1	41-47-6	6.32	.2	6.89	7.09	15	15	.99	2.20	1.39	1.31	70	25	-56.66	JB	
7	14377800	10700	24014900	14600	90	143-140-3	86-87-1	56-55-1	46-48-3	6.38	.04	6.23	7.28	16	16	1.05	2.27	1.22	—	70	25	-56.50	ST	
8	14388500	9200	24029500	13300	100	135-130-5	89-88-1	46-44-2	45-48-3	6.70	.04	6.22	7.08	17	17	.97	2.13	1.13	—	70	25	-56.13	ST	
9	14399700	8300	24042800	12500	90	143-140-3	78-80-2	48-46-2	46-47-2	5.41	.04	6.91	7.24	16	17	1.02	2.11	1.29	—	70	25	-56.55	ST	
10	14406000	13100	24055300	16600	100	149-100-49	93-94-1	42-41-1	40-46-6	10.2	.04	6.93	7.21	16	17	1.15	1.09	1.31	—	70	25	-57.20	JB	
11	14419100	10100	24071900	13600	100	134-130-4	94-95-1	46-44-2	43-48-5	12.1	.3	6.85	7.35	16	17	1.06	1.20	1.44	1.24	70	25	-56.92	JB	
12	14429200	11700	24085500	15500	90	146-98-48	95-96-1	44-41-3	41-46-5	14.1	.1	6.97	7.15	16	16	1.31	1.87	1.34	—	70	25	-56.88	JB	
13	14440900	9100	24101000	13100	100	135-131-4	94-95-1	46-44-2	43-47-4	11.7	.1	6.93	7.43	15	16	1.06	1.65	1.40	1.60	70	25	-56.54	JB	
14	14450000	7800	24114100	10500	90	128-126-2	89-90-1	46-44-2	46-48-2	5.70	.04	8.18	7.54	19	18	1.10	2.40	1.03	—	70	25	-56.19	ST	
15	14457800	6100	24124600	9400	100	149-146-3	94-95-1	48-47-1	65-57-2	5.01	.04	6.31	7.14	16	16	.33	1.25	1.26	—	70	25	-56.14	ST	
16	14463900	8500	24134000	12900	85	131-134-3	93-94-1	45-43-2	47-49-2	5.50	.04	6.58	6.98	14	15	.45	1.63	1.33	—	70	25	-56.87	ST	
17	14472400	11500	24146900	15400	90	136-133-3	94-95-1	43-42-1	40-46-6	39.1	.2	6.88	7.10	14	15	.30	1.29	1.18	—	70	25	-57.06	JB	
18	14483900	11400	24162300	15900	100	126-94-32	93-94-1	44-46-2	41-47-6	17.6	.1	6.81	7.18	13	13	1.19	1.74	1.30	1.27	70	25	-56.76	JB	
19	14495300	13200	24178200	17400	95	132-89-43	88-89-1	47-45-2	45-49-4	4.93	.04	7.07	7.37	17	15	.78	1.57	1.26	—	70	25	-56.55	JB	
20	14508500	11600	24195600	16500	85	134-95-43	91-92-1	45-42-3	48-54-6	4.31	.04	7.05	6.92	16	16	.75	1.88	1.30	1.43	70	25	-56.29	JB	
21	14520100	12900	24211100	16800	95	127-122-5	88-89-1	47-45-2	49-51-2	5.19	.04	6.34	7.13	18	17	.81	2.14	1.28	—	70	25	-56.35	ST	
22	14533000	10100	24227900	14100	85	145-143-2	82-83-1	46-43-2	46-49-3	4.78	.04	6.70	7.26	17	17	.69	1.95	1.28	—	70	25	-56.10	ST	
23	14543100	7800	24242000	11800	85	143-140-3	72-73-1	46-44-2	44-46-2	4.50	.04	6.78	7.18	18	18	.67	1.83	1.20	—	70	25	-55.80	ST	
24	14550900	12200	24253800	16000	80	146-141-5	96-97-1	46-42-4	40-46-6	17.4	.05	6.93	6.96	17	17	.42	1.18	1.07	—	70	25	-56.95	JB	
25	14563100	10900	24269800	14800	75	143-140-3	88-89-1	45-43-2	41-46-5	5.27	.04	6.98	7.34	17	18	.76	1.83	1.09	1.21	70	25	-56.63	JB	
26	14573400	11700	24284600	14400	80	72-70-2	66-68-2	53-50-8	48-54-6	12.3	.04	8.36	7.96	17	18	2.02	1.70	1.04	—	70	25	-53.30	JB	
27	14585600	11900	24299000	14700	100	96-95-1	95-96-1	44-43-1	41-47-6	13.7	.04	6.97	7.31	16	17	.30	1.29	1.22	1.31	70	25	-56.04	JB	
28	14597500	10700	24313100	14100	95	142-139-3	87-88-1	45-44-1	45-48-3	4.91	.04	6.37	7.30	19	17	.85	1.68	1.08	—	70	25	-55.98	ST	
29	14608200	11400	24327800	14500	100	114-108-6	84-85-1	56-55-1	54-57-3	7.81	.04	6.44	7.13	20	18	.89	2.20	1.19	—	70	25	-56.12	ST	
30	14619600	12700	24342300	16200	100	142-138-4	90-91-1	49-48-4	62-50-2	5.93	.04	6.38	7.15	18	18	.27	1.38	1.40	—	70	25	-55.63	ST	
31																								

Notes:

Chemical Mix Ratio

Chlorine  
Gal Cl2 to Gal Water

pH	Lot#
4	360916
7	360914
10	

Monthly Water Production- Finished Water

Meter Reading 1st of this Month:	14328200
Meter Reading 1st of Last Month:	14014500
Monthly Total (Gallons):	313,700
Monthly Average Gal/ Day:	