OHA - Drinking Water Services - Turbidity Monitoring Report Form

County: **Conventional or Direct Filtration** Month/Year:

Yamhill

Mar-22

System Name:	C	ity of Willamir	na 🗸	ID#: 41	00953		WTP: TP - A	
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	0.056	0.051	0.056	off	0.042	0.041	0.240	
2	0.057	0.041	0.039	0.042	0.037	0.046	0.078	
3	0.039	0.046	0.037	0.040	0.038	0.040	0.100	
4	0.037	0.037	off	0.037	0.041	0.039	0.063	
5	0.039	0.038	off	0.041	off	. off	0.113	
6	off	0.037	0.046	0.039	0.037	off	0.067	
7	off	off	0.040	off	0.035	0.047	0.115	
8	0.035	0.085	off	0.032	0.028	0.048	0.176	
9	0.030	0.041	off	0.030	0.052	0.031	0.080	
10	0.031	0.036	off	0.043	off	0.043	0.087	
11	off	0.040	off	0.043	0.037	0.067	0.093	
12	0.041	off	off	0.042	0.039	0.041	0.083	
13	0.043	off	off	0.110	off	off	· 0.180	
14	0.049	off	0.060	off	0.087	0.038	0.209	
15	0.036	0.036	0.036	0.067	0.037	0.035	0.074	
16	off	off	0.029	0.028	0.033	0.028	0.086	
17	0.028	0.032	0.028	0.029	0.033	off	0.057	
18	off	off	0.028	0.028	0.032	0.028	0.055	
19	0.027	0.031	0.067	0.029	off	· off	0.068	
20	0.027	0.027	0.038	0.029	0.027	0.045	0.083	
21	off	off	off	0.028	0.028	0.033	0.059	
22	0.031	off	0.030	0.029	0.032	0.028	0.056	
23	0.028	off	off	0.035	0.029	0.032	0.077	
24	0.028	0.030	off	off	0.037	0.030	0.096	
25	0.031	0.045	off	0.034	0.031	0.051	0.078	
26	off	off	off	0.030	0.030	0.028	0.063	
27	off	off	off	0.030	0.030	0.050	0.128	
28	off	off	0.028	0.032	0.053	0.032	0.143	
29	0.030	0.041	0.030	off	0.035	0.028	0.193	
30	off	off	0.039	0.032	0.036	0.033	0.077	
31	0.032	0.043	off	off	0.034	0.030	0.128	
	Convention	onal or Direct F	iltration	Monthly Summary (Answer Yes or No)				
	95% of 4-hour turbidity readings ≤ 0.3 NTU?				CT's met everyday? (see back)		All Cl2 residual at entry point ≥ 0.2 mg/l?	
	All 4-hour turbidity readings ≤ 1 NTU? All turbidity readings < IFE² triggers				(Ye)s	(Yes / No (Yes / I		
Notes:	urbidity reading	yo > IFE trigge	15	DDINTED NA				
					SIGNATURE: MAN DATE: 41/12			

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(d)(B&C))

PHONE #:4503)876

OHA - Drinking Water Program - Surface Water Quality Data Form							WTP -:	Α
System Name:	City of Willamina	ID#: 41	,	00953	Month/Year:	Mar-22	Disinfection Giardia Log Inactiv:	0.5

	,					777	_		
1 1300 0.88 567 498.96 7.5 7.50 26.8 YES 55 2 1300 0.61 567 345.87 9.4 7.40 22.1 YES 48 3 900 0.75 567 425.25 9.3 7.53 23.7 YES 50 4 1300 0.78 567 442.26 9.2 7.46 23.3 YES 46 5 930 0.83 567 470.61 12.5 7.58 19.6 YES 45 6 830 0.72 567 408.24 11.5 7.44 19.8 YES 35 7 930 0.73 567 447.62 10.6 7.51 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5	Date / Time	1st User (C)	(T)			рН	Required CT	CT Met? 3	Peak Hourly Demand Flow
1 1300 0.61 567 345.87 9.4 7.40 22.1 YES 45 13 900 0.75 567 425.25 9.3 7.53 23.7 YES 50 42 1300 0.83 567 470.61 12.5 7.58 19.6 YES 45 15 15 15 15 15 15 15 15 15 15 15 15 15		[ppm or mg/L			[° C]		formula	Yes / No	[GPM]
2 1300 0.81 9.4 7.40 22.1 YES 48 3 900 0.75 567 425.25 9.3 7.53 23.7 YES 56 4 1300 0.78 567 442.26 9.2 7.46 23.3 YES 46 5 930 0.83 567 470.61 12.5 7.58 19.6 YES 45 6 830 0.72 567 408.24 11.5 7.44 19.8 YES 35 7 930 0.73 567 413.91 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 930 -1.03 567 487.62 10.6 7.51 21.8 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9	1 1300	0.88			7.5	7.50	26.8	YES	516
3 300 0.78 567 442.26 9.2 7.46 23.3 YES 46 5 930 0.83 567 470.61 12.5 7.58 19.6 YES 45 6 830 0.72 567 408.24 11.5 7.44 19.8 YES 35 7 930 0.73 567 413.91 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.81 567 464.94 9.60 7.59 23	2 1300	0.61		345.87	9.4	7.40	22.1	YES	491
4 1300 0.78 9.2 7.46 23.3 YES 46 5 930 0.83 567 470.61 12.5 7.58 19.6 YES 45 6 830 0.72 567 408.24 11.5 7.44 19.8 YES 35 7 930 0.73 567 413.91 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 468.94 9.60 7.59 23.9 YES 49 12 1030 0.81 567 469.94 9.60 7.57 25.8 YES 67<	900	0.75		425.25	9.3	7.53	23.7	YES	500
5 950 0.83 12.5 7.58 19.6 YES 45 6 830 0.72 567 408.24 11.5 7.44 19.8 YES 35 7 930 0.73 567 413.91 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 6	1300	0.78	567	442.26	9.2	7.46	23.3	YES	464
6 630 0.72 11.5 7.44 19.8 YES 35 7 930 0.73 567 413.91 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES <t< td=""><td>930</td><td>0.83</td><td>567</td><td>470.61</td><td>12.5</td><td>7.58</td><td>19.6</td><td>YES</td><td>452</td></t<>	930	0.83	567	470.61	12.5	7.58	19.6	YES	452
7 930 0.73 9.6 7.36 21.8 YES 47 8 1200 0.86 567 487.62 10.6 7.51 21.8 YES 39 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 23.7 YES <	830	0.72	567	408.24	11.5	7.44	19.8	YES	359
8 1200 0.88 10.6 7.51 21.8 YES 38 9 930 -1.03 567 584.01 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES	930	0.73	567	413.91	9.6	7.36	21.8	YES	473
9 350 1.03 12.5 7.49 19.4 YES 51 10 1300 0.63 567 357.21 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES	1200	0.86	567	487.62	10.6	7.51	21.8	YES	398
10 1300 0.63 10.5 7.54 21.6 YES 46 11 1100 0.72 567 408.24 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90	930	1.03	567	584.01	12.5	7.49	19.4	YES	511
11 1100 0.72 9.60 7.63 23.9 YES 49 12 1030 0.82 567 464.94 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 . 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 <td< td=""><td>1300</td><td>0.63</td><td>567</td><td>357.21</td><td>10.5</td><td>7.54</td><td>21.6</td><td>YES</td><td>469</td></td<>	1300	0.63	567	357.21	10.5	7.54	21.6	YES	469
12 1030 0.82 9.60 7.59 23.9 YES 53 13 1030 0.81 567 459.27 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 . 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 <td< td=""><td>1100</td><td>0.72</td><td>567</td><td>408.24</td><td>9.60</td><td>7.63</td><td>23.9</td><td>YES</td><td>491</td></td<>	1100	0.72	567	408.24	9.60	7.63	23.9	YES	491
13 1030 0.81 8.30 7.57 25.8 YES 67 14 1300 0.89 567 504.63 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 . 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	1030	0.82	567	464.94	9.60	7.59	23.9	YES	537
14 1500 0.89 10.20 7.62 23.4 YES 69 15 900 0.97 567 549.99 9.30 7.47 . 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	1030	0.81	567	459.27	8.30	7.57	25.8	YES	677
15 900 0.97 9.30 7.47 . 23.7 YES 65 16 930 0.98 567 555.66 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	1300	0.89	567	504.63	10.20	7.62	23.4	YES	694
16 930 0.98 10.10 7.47 22.5 YES 48 17 1400 0.87 567 493.29 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	900	0.97	567	549.99	9.30	7.47	. 23.7	YES	658
17 1490 0.87 10.00 7.48 22.5 YES 63 18 1300 0.84 567 476.28 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49 4000 0.71 567 419.58 11.00 7.49 21.0 YES 49	930	0.98	567	555.66	10.10	7.47	22.5	YES	484
18 7300 0.84 10.90 7.43 20.8 YES 39 19 930 0.82 567 464.94 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49 4000 0.74 567 419.58 419.58 49	, 1400	0.87	567	493.29	10.00	7.48	22.5	YES	638
19 930 0.82 10.90 7.46 20.9 YES 43 20 900 0.79 567 447.93 11.10 7.44 20.4 YES 56. 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	1300	0.84	567	476.28	10.90	7.43	20.8	YES	399
20 900 0.79 11.10 7.44 20.4 YES 56. 21 930 0.80 567 453.6 11.00 7.49 21.0 YES 49	930	0.82	567	464.94	10.90	7.46	20.9	YES	439
21 930 0.80 11.00 7.49 21.0 YES 49	900	0.79	567	447.93	11.10	7.44	20.4	YES	563
567 419.58	930	0.80	567	453.6	11.00	7.49	21.0	YES	491
	4000	0.74	567	419.58	10.90	7.50	21.0	YES	476
23 1000 0.78 ⁵⁶⁷ ^{442.26} 12.00 7.48 19.5 YES 73	1000	0.78	567	442.26	12.00	7.48	19.5	YES	739
4400 0.77 567 436.59	4400	0.77	567	436.59	13.00	7.52	18.4	YES	529
020 077 567 436.59	000	0.77	567	436.59	12.40	7.80	21.2		397
1400 0.70 567 413.91	1100	0.73	567	413.91	10.70	7.57			336
1000 0.00 567 385.56	1000	0.68	567	385.56	10.20	7.45	21.5		212
567 459.27	4000	0.81	567	459.27	. 13.40	7.62	18.7	YES	383
1400 0.70 567 447.93 40.00 7.7	1400	0.79	567	447.93	13.30	7.62	18.7		571
1000 0.04 567 459.27	4000	0.81	567	459.27	13.30				8000 10
4500 0.70 567 447.93	780	0.79	567	447.93	12.60	7.57	50000000000000000000000000000000000000		564

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised September 2016