

# AUGUST 2021

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine  
Cartridge or Bag Filtration

System Name: **NPS OREGON CAVES NATL MON** ID #: **OR4191998** WTP: **WTP-A** Month/Year:

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	41	26	15	25	.231	.95	
2	41	31	10	25	.231	.915	
3	41	27	14	25	.231	1.10	
4	41	25	16	25	.231	.25	
5	41	31	10	25	.231	.25	
6	42	26	16	25	.231	1.0	
7	41	25	16	25	.231	.89	
8	41	23	18	25	.231	.75	
9	41	21	20	25	.231	.15	
10	41	20	21	25	.231	.68	
11	41	30	11	25	.231	1.25	
12	42	28	14	25	.231	.65	
13	41	27	14	25	.232	.825	
14	41	25	16	25	.231	.65	
15	41	22	19	25	.231	.40	
16	41	26	15	25	.231	.775	
17	41	<b>POWER OUTAGE</b>					
18	41						
19	41	34	7	25	.233		
20	41	30	11	25	.235	.40	
21	41	28	13	25	.231	.55	
22	41	27	14	25	.233	.75	
23	41	25	16	25	.233	.30	
24	42	24	18	25	.233	.85	
25	41	22	19	25	.233	.70	
26	41	20	21	25	.231	1.25	
27	41	30	11	25	.235	.875	
28	41	28	13	25	.235	1.10	
29	41	24	17	25	.235	1.20	
30	41	31	10	25	.235	.95	
31	41	30	11	25	.235	.60	

<p><b>Cartridge Filtration</b></p> <p>95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / No          All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / No</p> <p>Notes: PSI = pounds per square inch          PSID = pounds per square inch difference (before filter - after filter)          PSID When to Change Filter = Manufacturer's recommendation; may need to look in manual for manufacturer's specifications when to change the filter, at what PSID.</p> <p style="text-align: center; color: blue;">Data Mgmt &amp; Compliance Drinking Water Program</p>	<p style="text-align: center;"><b>Monthly Summary (Answer Yes or No)</b></p> <p>CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No          All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No</p> <p>PRINTED NAME: <b>LOREN MONTAGUE</b></p> <p>SIGNATURE: </p> <p>DATE: <b>8-31-21</b></p> <p>PHONE #: <b>(541) 892-2100</b>  <b>EXT. 2255</b></p> <p>CERT #: <b>D-09444</b></p>
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Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity Reading" Column may not correspond to continuous readings' maximum.



# AUGUST 2021

## C.W. Drinking Water Program – Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year:

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> 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]	CXT	[°C]		Use tables	Yes / No	[GPM]
1 / 1200	.90	30	27	13	7.7	30	YES	25
2 / 0900	.85	30	25.5	13	7.7	30	YES	25
3 / 1015	.95	30	28.5	13	7.7	30	YES	25
4 / 1230	1.0	30	30	13	7.7	30	YES	25
5 / 1015	.85	30	25.5	13	7.7	30	YES	25
6 / 1330	.75	30	22.5	13	7.7	30	YES	25
7 / 1000	.80	30	24	13	7.7	30	YES	25
8 / 1030	.80	30	24	13	7.7	30	YES	25
9 / 1015	.80	30	24	13	7.7	30	YES	25
10 / 1100	.50	30	15	13	7.7	30	YES	25
11 / 1000	.50	30	15	13	7.7	30	YES	25
12 / 1030	1.10	30	33	13	7.7	30	YES	25
13 / 1030	1.0	30	30	13	7.7	30	YES	25
14 / 1030	1.0	30	30	13	7.7	30	YES	25
15 / 1030	.85	30	25.5	13	7.7	30	YES	25
16 / 1000	.75	30	22.5	13	7.7	30	YES	25
17 / 615	1.0	30	30	13	7.7	30	YES	25
18 / 6			POWER OUTAGE					
19 / 1	1.0	30	30	13	7.7	30	✓	25
20 / 1030	1.75	30	52.5	13	7.7	30	YES	25
21 / 1030	1.65	30	49.5	13	7.7	30	YES	25
22 / 1030	1.50	30	45	13	7.7	30	YES	25
23 / 1030	1.50	30	45	13	7.7	30	YES	25
24 / 1000	1.45	30	43.5	13	7.7	30	YES	25
25 / 1015	1.40	30	42	13	7.7	30	YES	25
26 / 0830	1.40	30	42	13	7.7	30	YES	25
27 / 1200	1.40	30	42	13	7.7	30	YES	25
28 / 1000	1.20	30	36	13	7.7	30	YES	25
29 / 1030	1.10	30	33	13	7.7	30	YES	25
30 / 0900	1.0	30	30	13	7.7	30	YES	25
31 / 1000	1.20	30	36	13	7.7	30	YES	25

<sup>2</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.



# AUGUST 2021

SOURCE: MONTH: TEST LOCATION CODES:  
 1 - INFORMATION BOOTH  
 2 - *Chateau*  
 3 - WATER FOUNTAIN

4 - *V. C*  
 5 - CHATEAU  
 6 - GUIDE HOUSE

ADDRESS: OREGON CAVES NATIONAL MONUMENT  
 19000 CAVES HIGHWAY  
 CAVE JUNCTION, OREGON 97523  
 1-541-592-2100

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		4	SYS				Set	Res.			RAW	FINISHED	
1	BN	90	2	1800	2	0	5.0	90	499200	400	231	.094	NO CHLORIDES
2	BN	85	2	1900	2	0	5.0	85	495800	440	231	.089	CHANGED 1.2, 8.4
3	BN	95	2	1015	2	0	5.0	95	495620	540	231	.085	NO CHLORIDES
4	BN	1.0	2	1330	2	0	5.0	1.0	491600	540	231	.080	"
5	BN	85	2	1015	2	0	5.0	85	490400	300	231	.075	CHANGED #1
6	BN	75	2	1330	2	0	5.0	75	497200	780	231	.070	CHANGED: 8 BOTTLED 4000ML
7	BN	80	2	1000	2	0	5.0	80	497590	380	231	.070	50 CHLORIDES
8	BN	80	2	1030	2	0	5.0	80	497900	400	231	.071	60 CHLORIDES
9	BN	80	2	1015	2	0	5.0	80	498500	300	231	.072	NO CHLORIDES
10	BN	50	2	1100	2	0	5.0	50	498800	530	231	.089	NO CHLORIDES
11	BN	50	2	1000	2	0	5.5	50	499100	530	231	.095	CHANGED 1.2, 8.3
12	BN	1.0	2	1030	2	0	5.5	1.0	450020	610	231	.061	NO CHLORIDES
13	BN	1.0	2	1030	2	0	5.5	1.0	4500500	480	232	.079	NO CHLORIDES
14	BN	1.0	2	1030	2	0	5.5	1.0	4509800	480	231	.081	NO CHLORIDES
15	BN	.85	2	1030	2	0	5.5	.85	4504600	400	231	.082	NO CHLORIDES
16	BN	.75	2	1000	2	0	5.5	.75	4501900	480	231	.080	CHANGED #1. BOTTLED 4000ML
17													
18													
19	BN	1.0	2	0715	2	0	5.5	1.0	450250	300	233	.065	CHANGED #1.
20	BN	1.75	2	0830	2	0	5.5	1.75	480330	1050	235	.072	CHANGED 1.8, 2
21	BN	1.05	2	0900	2	0	5.5	1.05	450390	690	234	.078	NO CHLORIDES
22	BN	1.50	2	0900	2	0	5.5	1.50	450450	520	233	.076	NO CHLORIDES
23	BN	1.80	2	0930	2	0	5.5	1.50	450530	680	233	.069	NO CHLORIDES
24	BN	1.45	2	1000	2	0	5.5	1.45	4505100	510	233	.072	NO CHLORIDES
25	BN	1.40	2	0905	2	0	5.5	1.40	4504900	790	233	.080	CHANGED 1.8 BOTTLED 4000ML
26	BN	1.40	2	1000	2	0	5.5	1.40	4504800	1190	234	.082	NO CHLORIDES
27	BN	1.40	2	1200	2	0	5.5	1.40	4504900	850	235	.082	CHANGED #1
28	BN	1.70	2	1000	2	0	5.5	1.70	4501500	850	235	.090	NO CHLORIDES
29	BN	1.0	2	1030	2	0	6	1.0	4512810	1120	235	.091	NO CHLORIDES
30	BN	1.0	2	0900	2	0	6	1.0	4512100	1300	235	.075	NO CHLORIDES
31	BN	1.70	2	1000	2	0	6	1.70	4512900	720	235	.048	CHANGED 1.2, 8.3 BOTTLED 5000ML - NONE

1.65 4.99 7.00

POWER CHARGE