



Colorado Department of Public Health and Environment

Monthly Operating Report (MOR) - Summary

System Name: CASTLE ROCK

Treatment:

Membrane

PWSID: CQ0118010

Monitoring Period (Month/ Year):

May 2017

State Assigned ID (Plant ID):

CR103

Plant Address: 1929 Liggett Rd

City: Castle Rock

Zip: #

80109

Contact Name: Evan Bahn

Phone#:

720-733-6091

Combined Filter Effluent Turbidity (CFE) Summary:

Violation? Plant off entire month: ☐

Number of Samples Required*:	186	
Number of Samples Taken:	186	No
Number of Samples Exceeding 0.5 NTU:	0	No
Highest Single Turbidity Reading:	0.01	No
Number of Samples Exceeding 0.1 NTU (95% limit):	0	No
% of Samples Exceeding 0.1 NTU:	0%	No

*Samples Required=

number required per day

X

number of days in month

minus

number of plant offlines (PO)

Entry Point Residual Disinfectant (EPRD) Summary:

State Assigned ID: CR103

Violation?

For Use by State:

For Chlorine or Chloramine

☐ Free ☒ Total

Number of Samples Required:	186	
Number of Samples Taken:	186	No
Number of Samples under 0.2 mg/L (Federal level):	0	No
If applicable, number of Samples under 0.28 mg/L (State Defined level):		

= Required for data processing

Colorado Department of Public Health and Environment

Monthly Operating Report (MOR) - Data Sheet

Membrane Filtration

System Name: CASTLE ROCK PWSID: CO0118010 State Assigned ID: CR103 Monitoring Period: May2017

Required Number of Turbidity Readings Per Day: 6 Required Number of Chlorine Readings Per Day: 6

Day	Combined Filter Effluent Turbidity (NTU)								Entry Point Residual Disinfection (mg/L)							Comments*
	<input checked="" type="checkbox"/> Continuous Sampling				<input type="checkbox"/> Grab Sampling				<input checked="" type="checkbox"/> Continuous Sampling				<input type="checkbox"/> Grab Sampling			
	12-4a Time: 2am	4a-8a Time: 6am	8a-12 Time: 10am	12-4p Time: 2pm	4p-8p Time: 6pm	8p-12 Time: 10pm	Highest Turbidity Reading	Highest Reading Time	12-4a Time: 2am	4a-8a Time: 6am	8a-12 Time: 10am	12-4p Time: 2pm	4p-8p Time: 6pm	8p-12 Time: 10pm	Lowest Residual Reading	
1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.57	2.59	2.61	2.61	2.57	2.62	2.57	
2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	6am	2.67	2.43	2.65	2.72	2.70	2.62	2.43	
3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.61	2.63	2.61	2.60	2.57	2.59	2.57	
4	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.62	2.65	2.63	2.70	2.68	2.63	2.62	
5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.60	2.61	2.61	2.62	2.63	2.61	2.60	
6	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.60	2.62	2.59	2.61	2.61	2.60	2.59	
7	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2pm	2.59	2.59	2.58	2.46	2.48	2.59	2.46	
8	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.59	2.57	2.61	2.63	2.62	2.61	2.57	
9	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.58	2.57	2.59	2.60	2.61	2.59	2.57	
10	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.59	2.59	2.60	2.60	2.59	2.58	2.58	
11	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.57	2.41	2.56	2.57	2.57	2.56	2.41	
12	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.55	2.55	2.54	2.56	2.57	2.56	2.54	
13	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.52	2.53	2.56	2.55	2.55	2.54	2.52	
14	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.52	2.52	2.51	2.54	2.50	2.51	2.50	
15	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10pm	2.49	2.47	2.51	2.37	2.51	2.51	2.37	
16	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10am	2.50	2.48	2.50	2.49	2.48	2.48	2.48	
17	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2pm	2.52	2.54	2.58	2.63	2.58	2.54	2.52	
18	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2pm	2.51	2.48	2.57	2.64	2.57	2.53	2.48	
19	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.52	2.52	2.54	2.52	2.52	2.59	2.52	
20	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2pm	2.54	2.53	2.52	2.54	2.53	2.53	2.52	
21	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.55	2.54	2.55	2.61	2.59	2.52	2.52	
22	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.52	2.60	2.63	2.64	2.62	2.54	2.52	
23	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.50	2.46	2.45	2.52	2.55	2.54	2.45	
24	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.54	2.57	2.65	2.70	2.68	2.63	2.54	
25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.59	2.54	2.54	2.63	2.66	2.57	2.54	
26	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.54	2.61	2.70	2.66	2.59	2.53	2.53	
27	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.52	2.60	2.68	2.65	2.56	2.51	2.51	
28	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10pm	2.52	2.60	2.65	2.70	2.60	2.54	2.52	
29	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.50	2.59	2.66	2.67	2.59	2.52	2.50	
30	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.47	2.54	2.63	2.64	2.52	2.45	2.45	
31	0.01	0.01	0.01	0.01	0.01	0.01	0.01	2am	2.52	2.67	2.61	2.59	2.75	2.72	2.52	

*If the plant is offline input "PO" in the blank

*If at **ANY** time the entry point residual chlorine falls below 0.2 mg/L, the system must call the SWTR Manager.

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