

MONTHLY SUMMARY OF REVISED TOTAL COLIFORM RULE DISTRIBUTION SYSTEM MONITORING
(For public water systems serving more than 400 service connections OR 1,000 persons, OR wholesaler systems)
(Includes triggered source monitoring reporting for Groundwater Rule compliance)

System Name <p align="center">San Simeon CSD</p>	System Number <p align="center">4000568</p>
Sampling Period Month <p align="center">February</p>	Year <p align="center">2025</p>

	Number Required	Number Collected	Coliform Positives	E.coli Positives
1. Routine Samples (see note 1)	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>
2. Repeat Samples following samples that are Total Coliform Positive and <i>E.coli</i> Negative (see notes 2, 10 and 11)		<u>0</u>	<u>0</u>	<u>0</u>
3. Repeat Samples following Routine Samples that are Total Coliform Positive and <i>E. coli</i> Positive (see notes 2, 3, 10 and 11)		<u>0</u>	<u>0</u>	<u>0</u>
4. Coliform Treatment Technique (TT) Trigger Exceedance & <i>E.coli</i> MCL Computation for TC/ <i>E. coli</i> Positive Samples				
a. Totals (sum of columns)	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] = _____ %				
c. Did the system violate the <i>E. coli</i> MCL (see notes 2 through 5)?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Did the system exceed... a Level 2 Coliform TT trigger? (see notes 2, 3, 4, 5 and 6 for trigger info)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>If yes, see note 8 below.</i>				
...a Level 1 Coliform TT trigger? (see note 7 for trigger info)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>If yes, see note 9 below.</i>				
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)		<u>0</u>	<u>0</u>	<u>0</u>
6. Invalidated Samples (Note what samples, if any, were invalidated; the lab who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By:				
Name/Signature Cara Aguiar	Title <p align="center">Compliance Manager</p>	Date <p align="center">03/05/2025</p>		

NOTES AND INSTRUCTIONS:

1. Routine samples include:
 - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
 - b. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
- Notes 2-5 (boxed entries) are *E. coli* MCL violations and require immediate notification to the Division (22 CCR, Section 64426.1):**
 2. Any *E. coli* positive repeat following a total coliform positive sample.
 3. A total coliform positive repeat, following an *E. coli* positive routine sample.
 4. Failure to take all required repeat samples following an *E. coli* positive routine sample.
 5. Failure to test for *E. coli* when any repeat sample tests positive for total coliform
6. Second Level 1 coliform treatment technique trigger exceedance in a rolling 12-month period.
- 7. Level 1 Coliform Treatment Technique (TT) Triggers:**
 - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the TT is exceeded and a Level 1 Assessment is required.
 - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the TT is exceeded and a Level 1 Assessment is required.
 - c. If a trigger is exceeded as a result of a total coliform positive repeat sample, the system must notify the Division by the end of business day, section 64424(c)**
8. Contact the Division as soon as practical to arrange for the Division to conduct a Level 2 Assessment of the water system. The water system shall complete a Level 2 Assessment and submit it to the Division within 30 days of learning of the trigger exceedance.
9. Conduct a Level 1 Assessment as soon as practical that covers the minimum elements (22 CCR, Section 64426.8 (a)(2)). Submit the report to the Division within 30 days of learning of the trigger exceedance.
10. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
11. Repeat samples must be collected within 24 hours of being notified of the positive results. At least 3 repeat samples must be collected for each total coliform positive sample.
12. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
13. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E. coli*-positive triggered sample (boxed entry) **requires immediate notification to the Division, Tier 1 public notification, and corrective action.**



Oilfield Environmental & Compliance, Inc.

Fluid Resource Management
2385 Precision Drive
Arroyo Grande CA, 93420

Project: San Simeon CSD - Drinking Water
Project Number: Routine (Monthly)
Project Manager: Fluid Resource Management

WO & Reported:
2501231
02/12/2025 11:49

Analytical Report for Samples

Sample ID : **Lab Faucet**
Matrix : Drinking Water
Lab ID : 2501231-01

Sampled : 02/10/25 08:30
Sampled by : Jason Molinari
Field Data : ResCl= 3.2mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 1**
Matrix : Drinking Water
Lab ID : 2501231-02

Sampled : 02/10/25 09:01
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

General Chemistry Parameters by EPA or APHA Standard Methods

Specific Conductance (EC) @ 25 C	650	2.0	umhos/cm	1	B5B0377	02/11/25 10:32	SM 2510B	
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Sample ID : **Well 2**
Matrix : Drinking Water
Lab ID : 2501231-03

Sampled : 02/10/25 09:03
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

General Chemistry Parameters by EPA or APHA Standard Methods

Specific Conductance (EC) @ 25 C	640	2.0	umhos/cm	1	B5B0377	02/11/25 10:32	SM 2510B	
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Oilfield Environmental & Compliance, Inc.

Fluid Resource Management
2385 Precision Drive
Arroyo Grande CA, 93420

Project: San Simeon CSD - Drinking Water
Project Number: Routine (Every Other Week - SWTR)
Project Manager: Fluid Resource Management

WO & Reported:
2501711
02/25/2025 14:54

Analytical Report for Samples

Sample ID : **Lab Faucet**
Matrix : Drinking Water
Lab ID : 2501711-01

Sampled : 02/24/25 08:00
Sampled by : Jason Molinari
Field Data : ResCl= 3.1mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:44	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 1**
Matrix : Drinking Water
Lab ID : 2501711-02

Sampled : 02/24/25 09:04
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:45	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 2**
Matrix : Drinking Water
Lab ID : 2501711-03

Sampled : 02/24/25 09:00
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:46	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

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CA-ELAP 2438, TNI02666
307 Roemer Way, Santa Maria, CA 93454

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TEL: (805) 922-4772
FAX: (805) 925-3376

QUARTERLY SUMMARY OF RAW GROUNDWATER COLIFORM MONITORING

For groundwater (not GWUDI) sources that are treated with a primary or residual disinfectant on a continuous basis

Samples must be taken prior to chlorination. If a quarterly sample is total coliform positive, sampling must increase to monthly.

Water System Name

San Simeon CSD

Water System Number

4000568

Sampling Period:

Month

February

Year

2025

Well Name/Number	Status (On/Off)	Sample Time & Date	Total Coliforms (P/A or MPN)	<i>E. coli</i> (P/A or MPN)
Well 1 CA4000568_001_001	OFF	2/10/25 9:01 AM	<1	<1
Well 2 CA4000568_002_002	ON	2/10/25 9:03 AM	<1	<1
Well 1 CA4000568_001_001	OFF	2/24/25 9:04 AM	1	<1
Well 2 CA4000568_002_002	ON	2/24/25 9:00 AM	<1	<1



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WO & Reported:
2501231
02/12/2025 11:49

Analytical Report for Samples

Sample ID : **Lab Faucet**
Matrix : Drinking Water
Lab ID : 2501231-01

Sampled : 02/10/25 08:30
Sampled by : Jason Molinari
Field Data : ResCl= 3.2mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 1**
Matrix : Drinking Water
Lab ID : 2501231-02

Sampled : 02/10/25 09:01
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

General Chemistry Parameters by EPA or APHA Standard Methods

Specific Conductance (EC) @ 25 C	650	2.0	umhos/cm	1	B5B0377	02/11/25 10:32	SM 2510B	
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Sample ID : **Well 2**
Matrix : Drinking Water
Lab ID : 2501231-03

Sampled : 02/10/25 09:03
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0350	02/11/25 10:17	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

General Chemistry Parameters by EPA or APHA Standard Methods

Specific Conductance (EC) @ 25 C	640	2.0	umhos/cm	1	B5B0377	02/11/25 10:32	SM 2510B	
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Matrix : Drinking Water
Lab ID : 2501711-01

Sampled : 02/24/25 08:00
Sampled by : Jason Molinari
Field Data : ResCl= 3.1mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:44	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 1**
Matrix : Drinking Water
Lab ID : 2501711-02

Sampled : 02/24/25 09:04
Sampled by : Jason Molinari
Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:45	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

Sample ID : **Well 2**
Matrix : Drinking Water
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Sampled : 02/24/25 09:00
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Field Data : ResCl= 0mg/L

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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Microbiological Parameters by APHA Standard Methods

Coliform, total	ND	1.0	MPN/100 mL	1	B5B0880	02/25/25 10:46	SM 9223B	
E. Coli	ND	1.0	"	"	"	"	"	

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MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: San Simeon CSD

System Number: 4000568

Plant Name: San Simeon CSD Filter Project

Month/Year: February-25

Treated water turbidities every four hours (NTU) ¹										
Date	Peak Recycled Water Turbidity	Peak Raw Water Turbidity ²	Peak Settled Water Turbidity	Midnight to 4:00 am	4:00 am to 8:00 am	8:00 am to noon	Noon to 4:00 pm	4:00 pm to 8:00 pm	8:00 pm to Midnight	Average
Sat	1	-	0.1	-			0.020	0.020		0.020
Sun	2	-	0.1	-			0.020	0.020		0.020
Mon	3	-	0.1	-				0.020	0.020	0.020
Tue	4	-	0.2	-			0.020			0.020
Wed	5	-	0.2	-		0.020	0.020	0.020		0.020
Thu	6	-	0.2	-	0.020	0.020				0.020
Fri	7	-	0.2	-			0.020	0.020		0.020
Sat	8	-	0.2	-			0.020	0.020		0.020
Sun	9	-	0.1	-		0.020	0.020			0.020
Mon	10	-	0.1	-		0.020	0.020	0.020		0.020
Tue	11	-	0.2	-			0.020	0.020		0.020
Wed	12	-	0.3	-		0.020	0.020	0.020		0.020
Thu	13	-	0.5	-		0.020	0.020			0.020
Fri	14	-	0.2	-		0.020	0.020			0.020
Sat	15	-	0.2	-		0.020	0.020	0.020	0.020	0.020
Sun	16	-	0.1	-			0.020	0.020		0.020
Mon	17	-	0.2	-	0.020	0.020	0.020	0.020	0.020	0.020
Tue	18	-	0.2	-			0.020	0.020		0.020
Wed	19	-	0.1	-		0.020	0.020	0.020	0.020	0.020
Thu	20	-	0.1	-			0.020	0.020	0.020	0.020
Fri	21	-	0.1	-			0.020			0.020
Sat	22	-	0.2	-	0.020	0.020	0.020	0.020	0.020	0.020
Sun	23	-	0.1	-			0.020	0.020		0.020
Mon	24	-	0.2	-		0.020	0.020			0.020
Tue	25	-	0.2	-	0.020	0.020	0.020	0.020		0.020
Wed	26	-	0.2	-		0.020	0.020			0.020
Thu	27	-	0.1	-		0.020	0.020			0.020
Fri	28	-	0.2	-		0.020	0.020			0.020
Sat	29									-
Sun	30									-
Mon	31									-
Avg.	-	0.2	-	0.020	0.020	0.020	0.020	0.020	0.020	

¹ For continuous turbidity monitoring, a discrete turbidity value must be taken off the record chart at four hour intervals.

² Raw water turbidity must be monitored after returned flow.

Note: See Directions on reporting peak recycle, raw, and settled water turbidities.

Total Number of Samples:	<u>72</u>	Number of readings <= 0.3 NTU:	<u>72</u>
% Readings <= 0.3 NTU:	<u>100.0%</u>	Average Effluent NTU:	<u>0.020</u>
Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)?			<u>Yes</u>
		Maximum discrete turbidity value:	<u>0.020</u>
Average percent reduction during the month = [(Average Raw NTU - Average Effluent NTU)/(Average Raw NTU)] x 100% =			<u>88.3%</u>
Meets Standard (i.e. Reduction is greater than 80%) (Y/N)?			<u>Yes</u>

Percentile Results:	
xth Percentile NTU Value of all turbidity readings: (x% of all turbidity readings are less than these values)	50 th = <u>0.020</u>
	90 th = <u>0.020</u>
	95 th = <u>0.020</u>
	98 th = <u>0.020</u>
	99 th = <u>0.020</u>

Combined Filter Effluent Reporting

Incidents of turbidity greater than 1 NTU for more than 1 hour.

Date of Incident	N/A
Value	

Incidents of turbidity greater than 1.0 NTU for more than 8 consecutive hours while the plant is operating.

Date of Incident	N/A
Value	

Were there any trigger violations? Yes No

Incidents of turbidity greater than 0.5 NTU in two consecutive measurements taken no more than 15 minutes apart at the end of the first 60 minutes of continuous filter operation after the filter has been backwashed or otherwise taken offline.

Date of Incident	N/A
Value	
Filter Number	

Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated:

Date	Which Turbidimeter	Which standards used, primary or secondary	Date	Which Turbidimeter	Which standards used, primary or secondary

Disinfection Process Data

Disinfectant residual type (check one): Free Chlorine Combined Chlorine Other

Incidents of chlorine residuals less than 0.2 ppm at the plant effluent:

Date of Incident	None.				
Duration					
Date Dept. Notified					

Total number of incidents where residual is < 0.2 ppm: 0
Meet Standard (i.e. is not less than 0.2 ppm for more than four hours (Y/N)? Yes)

Number of distribution system residual samples collected:	31
Number of distribution system samples for HPC only:	0
Total number of residual and/or HPC samples collected:	31
Number of samples with no detectable residual and HPC is not measured:	0
Number of samples with no residual and HPC > 500 CFU/mL:	0
Number of samples for HPC only and HPC > 500 CFU/mL:	0
Total number of samples with no residual and/or HPC > 500 CFU/mL:	0

Compute V:

Where V = [1 - (Total No. of samples with no residual and/or HPC > 500)/(Total No. of residual and/or HPC samples collected)] x 100

V = 100.0%
Meets Standard (i.e. V >= 95%) (Y/N) ? Yes

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	0	
Color	0	
Turbidity	0	
Suspended Solids	0	
Other (Describe)	0	

Reports of Gastrointestinal Illness (attach additional sheets if necessary):

Person Reporting	Date	Corrective Actions Taken

Attach an explanation of any failure of the performance standards or operating criteria and corrective action taken or planned.

Signature:



Cara Aguiar, FRM Compliance Manager for SSCSD

Date:

03/05/2025

DDW - Santa Barbara District
Monthly CT Calculation Report for Pipeline
Virus Inactivation by Free Chlorine

Input Parameters: (all fields shown in Red)

Water System Name & PWS No:	San Simeon CSD	400568-010-010
Facility Name:	Well CT Pipeline + Tank	
Month and Year :	February	2025
Pipeline Diameter in Inches :	8.0	Inches
Pipe length in Feet :	320.0	feet

Volume in Pipe Contactor, (Gal) 1285.1 Gallons
Short-Circuiting Factor: 1.0 Plug Flow
Required Virus Log Inactivation: 4 log

Date	Max Flow (Peak Hour), gpm	Lowest Water Temp, °C	Max. pH	Lowest Chlorine Residual, mg/L	Required CT	Detention Time, minutes	Actual CT ₁₀	Inactivation Ratio (CT _{calc} /CT _{99.9})	Meets CT Req's
1	183	15.6	7.28	3.19	4.00	7.02	22.40	5.60	Yes
2	184	16.1	7.22	3.01	3.80	6.97	20.97	5.52	Yes
3	185	14.6	7.24	3.19	4.40	6.94	22.15	5.03	Yes
4	184	16.0	7.19	3.45	3.80	6.98	24.10	6.34	Yes
5	183	16.1	7.19	3.42	3.80	7.02	24.02	6.32	Yes
6	185	16.1	7.17	3.45	3.80	6.95	23.97	6.31	Yes
7	183	15.8	7.15	3.36	4.00	7.02	23.60	5.90	Yes
8	183	15.9	7.14	6.45	4.00	7.02	45.29	11.32	Yes
9	183	15.6	7.11	3.44	4.00	7.02	24.16	6.04	Yes
10	183	15.4	7.15	3.46	4.00	7.02	24.30	6.07	Yes
11	185	15.5	7.19	3.25	4.00	6.95	22.58	5.64	Yes
12	184	16.0	7.24	3.04	3.80	6.98	21.23	5.59	Yes
13	185	15.5	7.13	3.25	4.00	6.95	22.58	5.64	Yes
14	183	15.8	7.15	3.31	4.00	7.02	23.24	5.81	Yes
15	183	15.9	7.13	3.72	4.00	7.02	26.12	6.53	Yes
16	183	15.9	7.11	3.60	4.00	7.02	25.28	6.32	Yes
17	183	16.0	7.13	3.46	3.80	7.02	24.30	6.39	Yes
18	185	15.8	7.28	3.38	4.00	6.95	23.48	5.87	Yes
19	185	15.9	7.19	3.11	4.00	6.95	21.60	5.40	Yes
20	184	16.3	7.15	3.10	3.80	6.98	21.65	5.70	Yes
21	183	16.1	7.17	3.72	3.80	7.02	26.12	6.87	Yes
22	183	16.1	7.19	3.33	3.80	7.02	23.38	6.15	Yes
23	183	16.1	7.84	3.20	3.80	7.02	22.47	5.91	Yes
24	183	16.1	7.19	3.48	3.80	7.02	24.44	6.43	Yes
25	183	16.2	7.22	3.24	3.80	7.02	22.75	5.99	Yes
26	184	16.2	7.19	3.23	3.80	6.98	22.56	5.94	Yes
27	185	16.1	7.15	3.22	3.80	6.95	22.37	5.89	Yes
28	183	16.0	7.11	3.42	3.80	7.02	24.02	6.32	Yes
29									
30									
31									
Min	183	14.6	7.1	3.01	3.80	6.94	20.97	5.03	
Avg	184	15.9	7.2	3.45	3.91	7.00	24.11	6.17	
Max	185	16.3	7.8	6.45	4.40	7.02	45.29	11.32	

Date: 03/05/2025 **Name & Signature:**  Cara Aguiar

CT Compliance for Giardia Lamblia Cysts by Free Chlorine

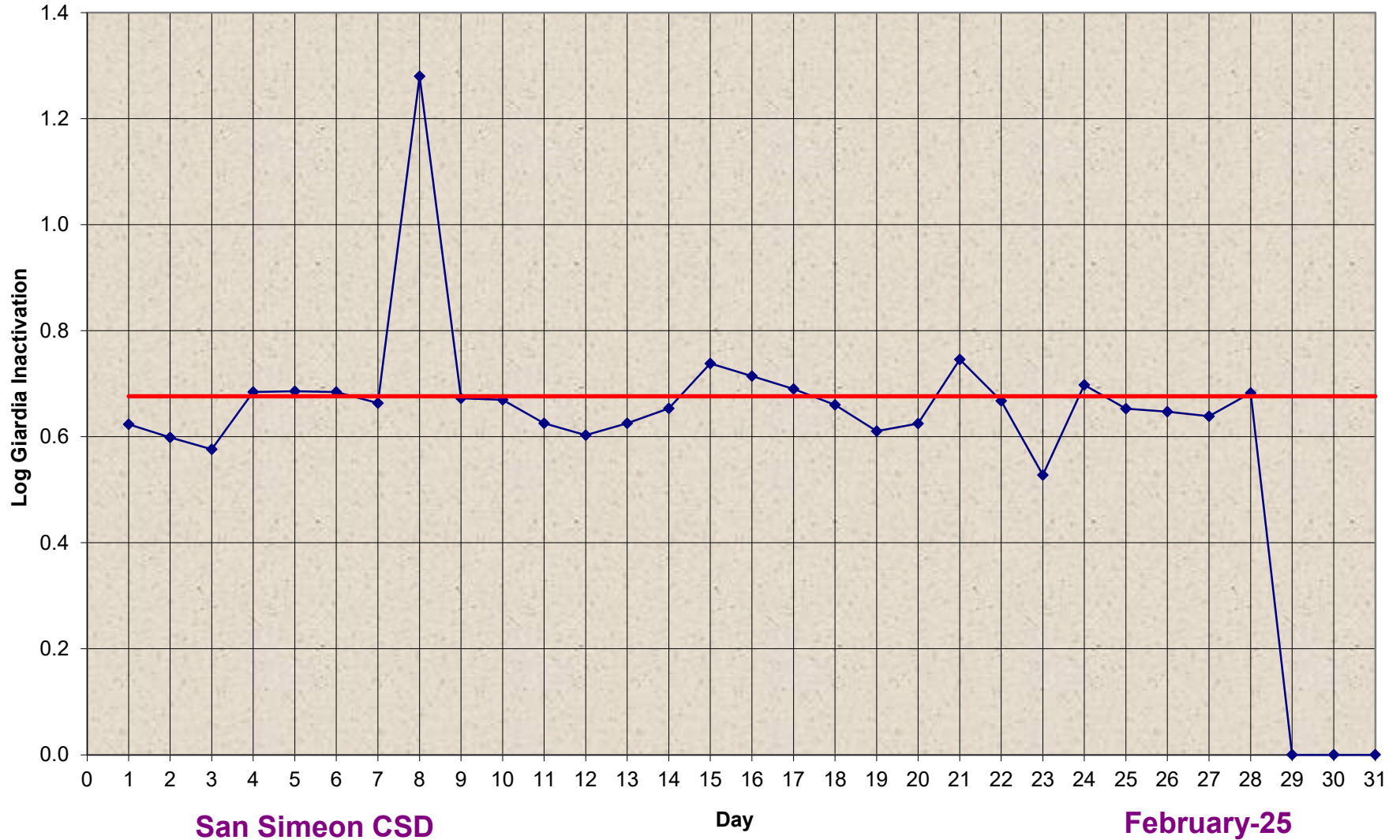
Input Parameters:

Water System Name:	San Simeon CSD
Number of Service Connections:	206
System Number:	4000568
Month and Year:	February-25
Clearwell(s) - Volume per Foot:	1,285 Gallons/Ft
Short-Circuiting Factor for Clearwell(s):	1.00 T_{10}/T
Required Log Inactivation of Giardia Cyst:	0.5 Log

Date	Clearwell Data							CT Results				Chlorine Species	
	Lowest Level, ft	Effective Volume, gal	Peak Hourly Flow Rate, gpm	Contact Time, minutes	Lowest Temperature, °C	Max. pH	Lowest Chlorine Residual, mg/L	Required CT	Calculated CT ₁₀	Inactivation Ratio (CT _{calc} /CT _{99.9})	Calculated Log Inactivation	Percent of HOCl in Water	Percent of OCl ⁻ in Water
Sat 1	1.0	1,285	183	7.0	15.6	7.3	3.19	18	22	0.21	0.6	69.2%	30.8%
Sun 2	1.0	1,285	184	7.0	16.1	7.2	3.01	18	21	0.20	0.6	71.9%	28.1%
Mon 3	1.0	1,285	185	6.9	14.6	7.2	3.19	19	22	0.19	0.6	71.7%	28.3%
Tue 4	1.0	1,285	184	7.0	16.0	7.2	3.45	18	24	0.23	0.7	73.3%	26.7%
Wed 5	1.0	1,285	183	7.0	16.1	7.2	3.42	18	24	0.23	0.7	73.2%	26.8%
Thu 6	1.0	1,285	185	6.9	16.1	7.2	3.45	18	24	0.23	0.7	74.1%	25.9%
Fri 7	1.0	1,285	183	7.0	15.8	7.2	3.36	18	24	0.22	0.7	75.1%	24.9%
Sat 8	1.0	1,285	183	7.0	15.9	7.1	6.45	18	45	0.43	1.3	75.5%	24.5%
Sun 9	1.0	1,285	183	7.0	15.6	7.1	3.44	18	24	0.22	0.7	76.9%	23.1%
Mon 10	1.0	1,285	183	7.0	15.4	7.2	3.46	18	24	0.22	0.7	75.3%	24.7%
Tue 11	1.0	1,285	185	6.9	15.5	7.2	3.25	18	23	0.21	0.6	73.5%	26.5%
Wed 12	1.0	1,285	184	7.0	16.0	7.2	3.04	18	21	0.20	0.6	71.0%	29.0%
Thu 13	1.0	1,285	185	6.9	15.5	7.1	3.25	18	23	0.21	0.6	76.1%	23.9%
Fri 14	1.0	1,285	183	7.0	15.8	7.2	3.31	18	23	0.22	0.7	75.1%	24.9%
Sat 15	1.0	1,285	183	7.0	15.9	7.1	3.72	18	26	0.25	0.7	75.9%	24.1%
Sun 16	1.0	1,285	183	7.0	15.9	7.1	3.60	18	25	0.24	0.7	76.8%	23.2%
Mon 17	1.0	1,285	183	7.0	16.0	7.1	3.46	18	24	0.23	0.7	75.9%	24.1%
Tue 18	1.0	1,285	185	6.9	15.8	7.3	3.38	18	23	0.22	0.7	69.1%	30.9%
Wed 19	1.0	1,285	185	6.9	15.9	7.2	3.11	18	22	0.20	0.6	73.3%	26.7%
Thu 20	1.0	1,285	184	7.0	16.3	7.2	3.10	17	22	0.21	0.6	74.9%	25.1%
Fri 21	1.0	1,285	183	7.0	16.1	7.2	3.72	18	26	0.25	0.7	74.1%	25.9%
Sat 22	1.0	1,285	183	7.0	16.1	7.2	3.33	18	23	0.22	0.7	73.2%	26.8%
Sun 23	1.0	1,285	183	7.0	16.1	7.8	3.20	21	22	0.18	0.5	38.0%	62.0%
Mon 24	1.0	1,285	183	7.0	16.1	7.2	3.48	18	24	0.23	0.7	73.2%	26.8%
Tue 25	1.0	1,285	183	7.0	16.2	7.2	3.24	17	23	0.22	0.7	71.8%	28.2%
Wed 26	1.0	1,285	184	7.0	16.2	7.2	3.23	17	23	0.22	0.6	73.2%	26.8%
Thu 27	1.0	1,285	185	6.9	16.1	7.2	3.22	18	22	0.21	0.6	75.0%	25.0%
Fri 28	1.0	1,285	183	7.0	16.0	7.1	3.42	18	24	0.23	0.7	76.7%	23.3%
Sat 29	-	-	-	-	-	-	-	-	-	-	-	-	-
Sun 30	-	-	-	-	-	-	-	-	-	-	-	-	-
Mon 31	-	-	-	-	-	-	-	-	-	-	-	-	-
Average:										0.23	0.68		

Log Giardia Inactivation for Chlorine Disinfection

Average Log Giardia Inactivation = 0.68



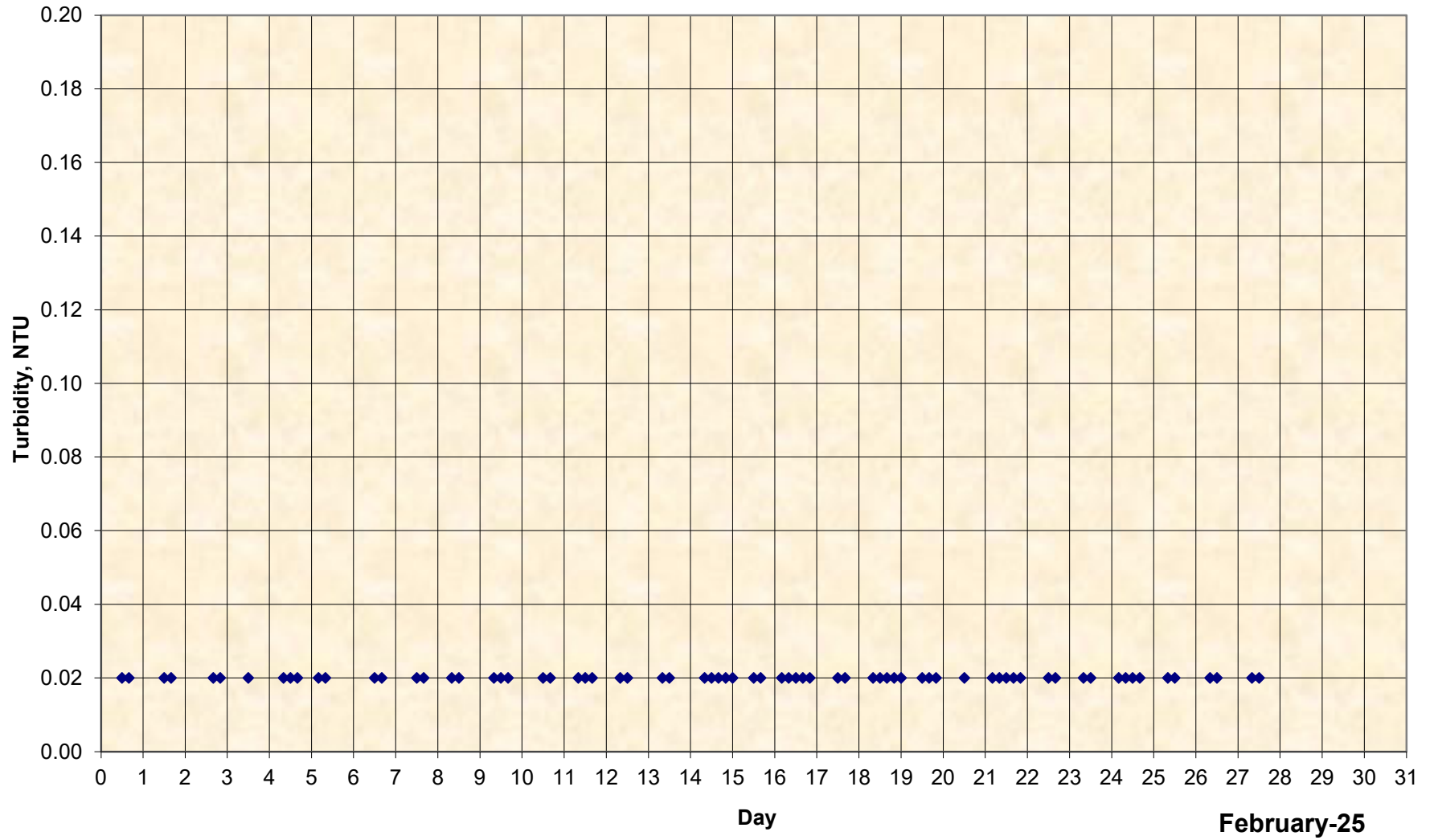
San Simeon CSD

Day

February-25

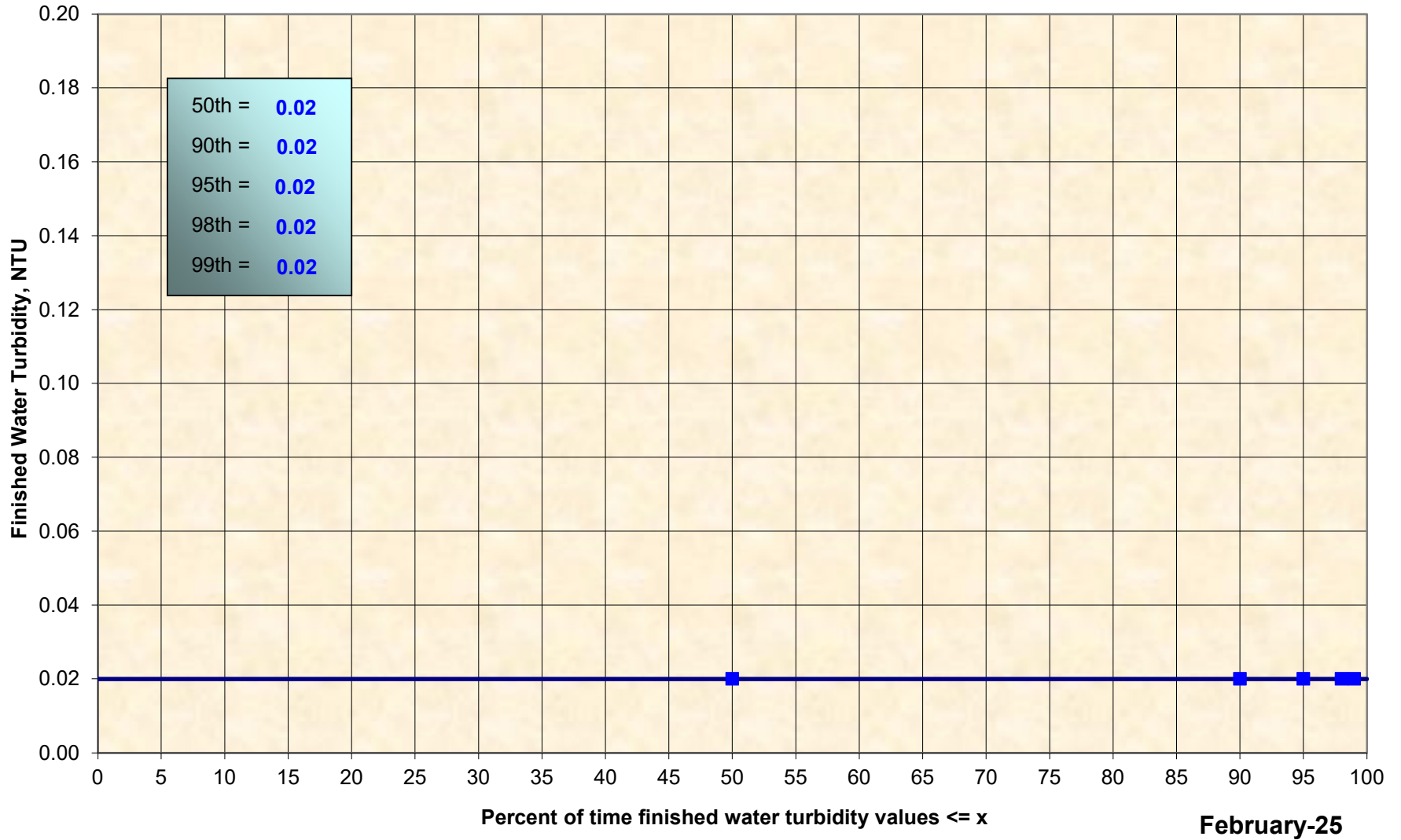
Finished Water Turbidity

San Simeon CSD



Probability Distribution of Finished Water Turbidity Data

San Simeon CSD



San Simeon CSD
 System Number 4000568
 Reverse Osmosis Treatment System Monthly Summary Report
 Month: February 2025

Daily Monitoring

DATE	Well 1 Production (Gallons)	Well 2 Production (Gallons)	RO Influent Flow (Gallons)	RO Effluent Flow (Gallons)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	Reverse Osmosis unit not in operation during monitoring period.			
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
Min				
Mean				
Max				

Monthly & Quarterly Well Monitoring

Date	Well 1				Well #2			
	Specific Conductance (umhos/cm)	Chloride (mg/L)	TDS (mg/L)	Iron (mg/L)	Specific Conductance (umhos/cm)	Chloride (mg/L)	TDS (mg/L)	Iron (mg/L)
Reverse Osmosis unit not in operation during monitoring period.								

Weekly & Monthly RO Effluent Monitoring

Date	Specific Conductance (umhos/cm)	Chloride (mg/L)	TDS (mg/L)	Iron (mg/L)	Aggressive Index (units)	Langelier Index (units)
Reverse Osmosis unit not in operation during monitoring period.						