

Central Coast Water Authority



Process Control Benchsheet

Date: Tuesday, January 02, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	December Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	11.1	8.34	0.06	2.55		0.50	0.04	54	90	0.7	0.005	1	299	Absent	
Shandon T/O															3
Tank Site #2	10.0	8.37	0.06	2.28		0.51	0.05	56	90	0.8	0.004	1	302	Absent	
Chorro	12.0	8.34	0.06	2.11		0.50	0.05	54	90	0.8	0.005	1	302	Absent	93
Lopez T/O															0
Guadalupe T/O															66
Santa Maria T/O	12.3	8.34	0.05	1.99		0.50	0.06	56	90	0.8	0.005	1	301	Absent	920
Golden State T/O															0
Tank Site #5	12.3	8.35	0.05	1.93		0.49	0.06	54	92	0.9	0.005	1	299	Absent	
Vandenberg T/O	12.1	8.39	0.05	1.93		0.50	0.04	58	96	0.9	0.004	1	301	Absent	182
Tank Site #7	12.6	8.35	0.05	2.10		0.48	0.03	58	92	0.9	0.004	1	300	Absent	
Buellton T/O	12.7	8.28	0.05	2.16		0.49	0.04	56	92	0.9	0.006	1	299	Absent	41
Solvang T/O	12.6	8.35	0.05	2.17		0.47	0.04	56	92	0.9	0.007	1	299	Absent	32
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 27.9 MG

Samples Taken: 01/02/2018
 Samples Analyzed: 1/4/2018 3:05:00 PM
 Sampler: David Bazzell
 Analyst: Louise Hickok

Comments: Chlorination systems on at Tank 5 and Tank 7.

Report Generated: 01/10/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, January 08, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	December Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	14.0	8.25	0.06	2.60		0.48	0.05	54	100	0.7	0.005	1	331	Absent	
Shandon T/O															3
Tank Site #2	13.1	8.34	0.07	2.41		0.47	0.05	56	100	0.7	0.004	1	328	Absent	
Chorro	13.8	8.38	0.06	2.27		0.46	0.05	60	100	0.7	0.004	1	328	Absent	93
Lopez T/O															0
Guadalupe T/O	13.5	8.36	0.06	2.16		0.46	0.05	58	100	0.8	0.004	1	328	Absent	66
Santa Maria T/O	13.5	8.40	0.06	2.09		0.47	0.07	58	102	0.8	0.006	1	328	Absent	920
Golden State T/O															0
Tank Site #5	13.3	8.39	0.08	2.07		0.45	0.07	60	100	0.8	0.005	1	328	Absent	
Vandenberg T/O	13.0	8.38	0.06	2.25		0.45	0.04	58	102	0.8	0.005	1	328	Absent	182
Tank Site #7	13.1	8.38	0.06	2.18		0.41	0.04	58	102	0.8	0.004	1	327	Absent	
Buellton T/O	13.1	8.41	0.06	2.13		0.40	0.03	58	100	0.8	0.004	1	327	Absent	41
Solvang T/O	13.0	8.39	0.06	2.08		0.41	0.03	58	100	0.8	0.001	1	327	Absent	32
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 26.2 MG

Samples Taken: 01/08/2018
 Samples Analyzed: 1/12/2018 8:25:00 AM
 Sampler: David Bazzell, Jeff Tice
 Analyst: Louise Hickok

Comments: Chlorination systems on at Tank 5 and Tank 7.

Report Generated: 01/16/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Tuesday, January 16, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	December Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	13.4	8.38	0.06	2.60		0.51	0.05	58	100	0.7	0.004	1	320	Absent	
Shandon T/O															3
Tank Site #2	13.3	8.31	0.05	2.45		0.50	0.05	62	100	0.7	0.004	1	322	Absent	
Chorro	14.5	8.38	0.05	2.39		0.50	0.04	60	100	0.8	0.005	1	322	Absent	93
Lopez T/O															0
Guadalupe T/O	14.7	8.35	0.06	2.08		0.49	0.05	60	100	0.8	0.005	1	324	Absent	66
Santa Maria T/O	14.6	8.38	0.06	2.07		0.49	0.06	60	102	0.8	0.005	1	325	Absent	920
Golden State T/O															0
Tank Site #5	14.4	8.39	0.06	2.05		0.50	0.08	62	102	0.9	0.005	1	322	Absent	
Vandenberg T/O	14.6	8.37	0.06	2.05		0.49	0.04	62	102	0.9	0.004	1	323	Absent	182
Tank Site #7	14.6	8.38	0.05	2.36		0.49	0.03	62	102	0.9	0.004	1	321	Absent	
Buellton T/O	14.8	8.38	0.05	2.32		0.48	0.02	62	102	0.9	0.005	1	322	Absent	41
Solvang T/O															32
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 25.7 MG

Samples Taken: 01/16/2018
 Samples Analyzed: 1/19/2018 8:30:00 AM
 Sampler: Eric Kieding, Jeff Tice
 Analyst: Louise Hickok

Comments: Chlorination system on at Tank 7.

Report Generated: 01/30/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, January 22, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	December Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	12.3	8.29	0.06	2.60		0.51	0.03	58	96	0.6	0.005	1	315	Absent	
Shandon T/O															3
Tank Site #2	12.7	8.37	0.05	2.39		0.49	0.04	58	94	0.6	0.006	1	314	Absent	
Chorro	14.1	8.37	0.06	2.36		0.49	0.05	58	96	0.6	0.006	1	313	Absent	93
Lopez T/O															0
Guadalupe T/O	14.6	8.39	0.05	2.08		0.49	0.05	56	96	0.6	0.005	1	314	Absent	66
Santa Maria T/O	14.5	8.36	0.05	2.10		0.48	0.05	56	100	0.6	0.006	1	314	Absent	920
Golden State T/O															0
Tank Site #5	14.3	8.41	0.05	2.05		0.47	0.06	60	96	0.6	0.008	1	314	Absent	
Vandenberg T/O	14.2	8.37	0.05	2.06		0.48	0.05	58	96	0.6	0.007	1	315	Absent	182
Tank Site #7	14.2	8.41	0.05	2.33		0.48	0.04	58	96	0.6	0.005	1	317	Absent	
Buellton T/O	14.4	8.40	0.05	2.29		0.46	0.04	58	98	0.6	0.004	1	318	Absent	41
Solvang T/O															32
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 25.1 MG

Samples Taken: 01/22/2018
 Samples Analyzed: 1/25/2018 2:35:00 PM
 Sampler: James Thompson, Jeff Tice
 Analyst: Louise Hickok

Comments: Chlorination system on at Tank 7.

Report Generated: 01/30/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, January 29, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	December Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
<i>Treated Water Tanks</i>	12.5	8.32	0.06	2.70		0.49	0.05	64	104	1.0	0.004	1	348	Absent	
<i>Shandon T/O</i>															3
<i>Tank Site #2</i>	12.6	8.16	0.06	2.25		0.47	0.05	60	106	1.0	0.005	1	346	Absent	
<i>Chorro</i>	13.6	8.15	0.06	2.18		0.46	0.06	64	106	1.0	0.005	1	343	Absent	93
<i>Lopez T/O</i>															0
<i>Guadalupe T/O</i>	13.6	8.21	0.06	2.08		0.47	0.06	60	108	0.9	0.005	1	342	Absent	66
<i>Santa Maria T/O</i>	13.8	8.25	0.06	2.09		0.47	0.07	62	108	0.9	0.006	1	342	Absent	920
<i>Golden State T/O</i>															0
<i>Tank Site #5</i>	13.7	8.30	0.06	1.98		0.45	0.08	62	104	0.9	0.006	1	339	Absent	
<i>Vandenberg T/O</i>	13.6	8.38	0.06	1.96		0.45	0.10	60	106	0.9	0.007	1	339	Absent	182
<i>Tank Site #7</i>	14.0	8.31	0.06	2.19		0.45	0.06	60	106	0.9	0.005	1	339	Absent	
<i>Buellton T/O</i>	13.9	8.28	0.06	2.14		0.45	0.06	60	108	0.9	0.006	1	339	Absent	41
<i>Solvang T/O</i>															32
<i>Santa Ynex ID#1 T/O</i>															0

Average Plant Flow for Sample Week = 25.1 MG

Samples Taken: 01/29/2018
 Samples Analyzed: 2/1/2018 9:55:00 AM
 Sampler: Manuel Espinoza
 Analyst: Louise Hickok

Comments: Chlorination system on at Tank 7.

Report Generated: 02/06/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, February 05, 2018

	Temp °C	pH	NTU	Chlorine (mg/L) Total	Chlorine (mg/L) Free	NH3-N (mg/L) Total	NH3-N (mg/L) Free	Alkalinity mg/L as CaCO3	Hardness mg/L as CaCO3	Nitrate mg/L as N	Nitrite mg/L as N	TON	TDS	Coliform	January Deliveries
Treated Water Tanks	14.4	8.34	0.16	2.60		0.47	0.00	68	124	1.0	0.004	1	391	Absent	
Shandon T/O															0
Tank Site #2	13.8	8.20	0.08	2.20		0.43	0.02	64	124	1.0	0.004	1	399	Absent	
Chorro	14.5	8.27	0.08	2.14		0.43	0.02	66	118	1.0	0.003	1	400	Absent	83
Lopez T/O															0
Guadalupe T/O	14.5	8.37	0.09	2.05		0.42	0.03	66	120	1.0	0.004	1	404	Absent	24
Santa Maria T/O	14.4	8.27	0.09	2.02		0.43	0.03	66	120	1.0	0.005	1	409	Absent	800
Golden State T/O															0
Tank Site #5	14.1	8.36	0.08	1.96		0.43	0.05	66	120	0.9	0.006	1	404	Absent	
Vandenberg T/O	14.1	8.26	0.08	2.24		0.42	0.00	64	126	0.9	0.003	1	404	Absent	160
Tank Site #7	14.2	8.25	0.08	2.21		0.39	0.00	64	126	0.9	0.003	1	407	Absent	
Buellton T/O	14.3	8.32	0.08	2.13		0.39	0.00	66	126	0.8	0.002	1	405	Absent	22
Solvang T/O															8
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 25.8 MG

Samples Taken: 02/05/2018

Samples Analyzed: 2/6/2018 1:15:00 PM

Sampler: Eric Kieding

Analyst: Jeff Tice, Mike Steinbock

Comments: Chlorination system on at Tank 7.

Report Generated: 02/07/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, February 12, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	January Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	14.0	8.13	0.09	2.60		0.51	0.00	66	114	0.9	0.003	1	279	Absent	
Shandon T/O	14.6	8.28	0.09	2.46		0.50	0.00	66	112	0.9	0.004	1	278	Absent	0
Tank Site #2	14.6	8.40	0.09	2.18		0.49	0.02	66	112	0.9	0.005	1	286	Absent	
Chorro	15.3	8.40	0.15	2.12		0.47	0.03	66	120	0.8	0.005	1	288	Absent	83
Lopez T/O	15.5	8.37	0.10	2.18		0.48	0.04	66	116	0.8	0.005	1	292	Absent	0
Guadalupe T/O	15.7	8.34	0.08	2.18		0.46	0.03	66	116	0.8	0.005	1	294	Absent	24
Santa Maria T/O	15.6	8.46	0.11	2.08		0.45	0.02	66	116	0.8	0.004	1	298	Absent	800
Golden State T/O															0
Tank Site #5	15.3	8.35	0.09	2.00		0.44	0.03	66	118	0.8	0.005	1	293	Absent	
Vandenberg T/O	15.1	8.45	0.08	2.02		0.42	0.00	66	118	0.8	0.005	1	296	Absent	160
Tank Site #7	15.1	8.37	0.08	2.17		0.44	0.00	68	118	0.9	0.003	1	300	Absent	
Buellton T/O	15.3	8.31	0.08	2.13		0.46	0.03	68	122	0.9	0.002	1	300	Absent	22
Solvang T/O															8
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 27.6 MG

Samples Taken: 02/12/2018
 Samples Analyzed: 2/15/2018 12:30:00 PM
 Sampler: David Bazzell
 Analyst: Jeff Tice, Robert Sorensen

Comments: Chlorination system on at Tank 7.

Report Generated: 03/06/2018

Central Coast Water Authority



Process Control Benchsheet

Date: *Tuesday, February 20, 2018*

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	February Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
<i>Treated Water Tanks</i>	12.7	8.44	0.06	2.60		0.50	0.05	58	94	0.6	0.007	1	304	Absent	
<i>Shandon T/O</i>	13.6	8.33	0.06	2.47		0.47	0.05	60	98	0.6	0.005	1	307	Absent	0
<i>Tank Site #2</i>	13.6	8.34	0.05	2.35		0.48	0.05	60	96	0.7	0.006	1	305	Absent	
<i>Chorro</i>	14.2	8.28	0.05	2.25		0.48	0.05	60	98	0.7	0.006	1	308	Absent	83
<i>Lopez T/O</i>	14.3	8.25	0.07	2.15		0.47	0.06	60	100	0.7	0.005	1	310	Absent	0
<i>Guadalupe T/O</i>	14.6	8.25	0.06	2.06		0.47	0.07	62	100	0.8	0.006	1	311	Absent	24
<i>Santa Maria T/O</i>	14.5	8.30	0.06	2.09		0.48	0.08	62	100	0.8	0.005	1	312	Absent	800
<i>Golden State T/O</i>			0.06												0
<i>Tank Site #5</i>	14.3	8.36	0.06	1.97		0.46	0.08	60	102	0.8	0.006	1	314	Absent	
<i>Vandenberg T/O</i>	14.1	8.33	0.07	2.20		0.45	0.04	62	100	0.8	0.006	1	315	Absent	160
<i>Tank Site #7</i>	14.5	8.34	0.06	2.13		0.41	0.03	64	100	0.8	0.006	1	315	Absent	
<i>Buellton T/O</i>	14.5	8.33	0.06	2.00		0.39	0.03	64	100	0.8	0.002	1	315	Absent	22
<i>Solvang T/O</i>															8
<i>Santa Ynex ID#1 T/O</i>															0

Average Plant Flow for Sample Week = 28.1 MG

Samples Taken: 02/20/2018
 Samples Analyzed: 3/1/2018 1:00:00 PM
 Sampler: Eric Kieding
 Analyst: Louise Hickok, Jeff Tice

Comments: Chloriantion system on at Tank 5.

Report Generated: 03/06/2018

Central Coast Water Authority



Process Control Benchsheet

Date: Monday, February 26, 2018

	Temp °C	pH	NTU	Chlorine (mg/L)		NH3-N (mg/L)		Alkalinity	Hardness	Nitrate	Nitrite	TON	TDS	Coliform	January Deliveries
				Total	Free	Total	Free	mg/L as CaCO3	mg/L as N	mg/L as N					
Treated Water Tanks	12.7	8.44	0.06	2.60		0.50	0.05	58	94	0.6	0.007	1	304	Absent	
Shandon T/O	13.6	8.33	0.06	2.47		0.47	0.05	60	98	0.6	0.005	1	307	Absent	0
Tank Site #2	13.6	8.34	0.05	2.35		0.48	0.05	60	96	0.7	0.006	1	305	Absent	
Chorro	14.2	8.28	0.05	2.25		0.48	0.05	60	98	0.7	0.006	1	308	Absent	83
Lopez T/O	14.3	8.25	0.07	2.15		0.47	0.06	60	100	0.7	0.005	1	310	Absent	0
Guadalupe T/O	14.6	8.25	0.06	2.06		0.47	0.07	62	100	0.8	0.006	1	311	Absent	24
Santa Maria T/O	14.5	8.30	0.06	2.09		0.48	0.08	62	100	0.8	0.005	1	312	Absent	800
Golden State T/O															0
Tank Site #5	14.3	8.36	0.06	1.97		0.46	0.08	60	102	0.8	0.006	1	314	Absent	
Vandenberg T/O	14.1	8.33	0.06	2.20		0.45	0.04	62	100	0.8	0.006	1	315	Absent	160
Tank Site #7	14.5	8.34	0.07	2.13		0.41	0.03	64	100	0.8	0.006	1	315	Absent	
Buellton T/O	14.5	8.33	0.06	2.00		0.39	0.03	64	100	0.8	0.002	1	315	Absent	22
Solvang T/O															8
Santa Ynex ID#1 T/O															0

Average Plant Flow for Sample Week = 28.1 MG

Samples Taken: 02/26/2018
 Samples Analyzed: 3/1/2018 1:00:00 PM
 Sampler: James Thompson
 Analyst: Louise Hickok

Comments: Chlorination systems on at Tank 5 and Tank 7.

Report Generated: 03/06/2018