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STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: City of Norco
2870 Clark Avenue
Norco, CA 92860

TO: Beth Groves
City Manager

CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 3310025
C I T A T I O N N O . 05-20-13C-003
Issued on May 6, 2013

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H & S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit or order issued thereunder.

VIOLATION

The California Department of Public Health, Drinking Water Field Operations Branch (hereinafter, Department), hereby issues a citation to the City of Norco (hereinafter, City) (2870 Clark Avenue, Norco, CA 92860) for the following violations:

1. California Code of Regulations (CCR), Title 22, Section 64426.1(b)(1): Specifically, the City failed to comply with the Primary Drinking Water Standard for total coliform bacteria during the month of April 2013. For a public water system that collects at

1 least 40 samples a month, the water system is in violation of the total coliform
2 Maximum Contaminant Level (MCL) when more than 5.0 percent of the samples
3 collected during any month are total coliform-positive. Three routine distribution
4 system samples and one repeat sample collected during April 2013 were total
5 coliform-positive.

- 6
- 7 2. CCR, Title 22, Section 64430: Specifically, the City failed to comply with the
8 notification requirements of the Groundwater Rule (GWR). 40 Code of Federal
9 Regulations (CFR) Section 141.402(a)(4)(i) requires a consecutive groundwater
10 system that has a total coliform-positive routine distribution system sample to notify
11 the wholesale system within 24 hours of being notified by the laboratory of the total
12 coliform-positive sample. The City failed to notify Jurupa Community Services
13 District (JCSD) of two of the three routine distribution system total coliform-positive
14 samples.

15

16 **BACKGROUND**

17 The City of Norco serves an estimated population of 27,160 persons through 7,566
18 service connections. The City obtains all of its water supply from four active
19 groundwater wells and four interties with adjacent water systems: the City of Corona,
20 Jurupa Community Services District (JCSD), and Western Municipal Water District's
21 (WMWD's) Arlington Desalter.

22

23 Commensurate with a service population of 27,160, the City collects eight coliform
24 samples each week within the distribution system at locations listed in its Department-
25 approved Bacteriological Sample Siting Plan (BSSP), dated April 4, 2012. The BSSP
26 outlines the City's distribution system bacteriological sampling regiment and raw water
27 operational and triggered sampling regiment, including requirements for notification of

1 wholesale systems of total coliform positive distribution system samples, in
2 accordance with the Groundwater Rule (GWR). The City is required to notify JCSD,
3 WMWD and/or Corona of any distribution system total coliform positives in areas of
4 the distribution system that are served by groundwater provided by JCSD, WMWD
5 and/or Corona. Notification of JCSD, WMWD, and Corona is required within 24 hours
6 of being notified by the laboratory of the positive result(s).

7
8 All bacteriological samples are analyzed for total coliform bacteria and *E.coli*.
9 Heterotrophic Plate Counts (HPCs) are also measured. The City measures and
10 records the residual disinfectant level at each routine sample site at the time of sample
11 collection. The chlorine residuals are summarized in a quarterly report to the
12 Department.

13 14 **PREVIOUS ENFORCEMENT ACTIONS**

15 The following enforcement actions were previously issued to this system for similar
16 violations:

17
18 September 9, 2003: the Department issued Citation No. 05-20-03C-007 for failure of
19 the total coliform MCL during the month of August 2003.

20
21 February 16, 1996: the Department issued Citation No. 05-14-96C-013 for failure of
22 the total coliform MCL during the month of January 1996.

23
24 March 17, 1994: the Department issued Citation No. 05-14-94C-006 for failure of the
25 total coliform MCL during the month of January 1994.



1 **CHRONOLOGY OF EVENTS**

2 The following is the chronology of events that occurred during April 2013 regarding the
3 total coliform MCL failure. The laboratory reports are included as Attachment No. 1.

4
5 **Tuesday, April 2, 2013:** Eight routine distribution system total coliform monitoring
6 samples (routine samples) and four raw water samples (special samples) were
7 collected and submitted to the laboratory. All 12 samples were found to be absent for
8 total coliform bacteria. Chlorine residuals measured at the routine sample sites
9 ranged from 0.5 mg/L to 1.3 mg/L.

10
11 **Tuesday, April 9, 2013:** Eight routine samples were collected and submitted to the
12 laboratory. One sample (4356 Old Hamner Road) was found to be total coliform-
13 positive, but absent for *E. coli*. Chlorine residuals measured at the routine samples
14 sites ranged from 0.3 to 1.3 mg/L. The chlorine residual measure at the 4356 Old
15 Hamner Road site was 1.3 mg/L, and the sample's heterotrophic plate count (HPC)
16 was <1 CFU/mL.

17
18 **Wednesday, April 10, 2013:** Upon notification from the laboratory of the total
19 coliform-positive routine sample, the City collected three repeat samples and a raw
20 water samples from each of Wells 13 and 14 in compliance with the Groundwater Rule
21 triggered source water sampling requirement. The samples were submitted to the
22 laboratory the same day. All samples were found to be absent for total coliform
23 bacteria. Chlorine residuals measured at the repeat sample sites ranged from 1.2 to
24 1.3 mg/L, and HPCs were all <1 CFU/mL. Both raw water samples were absent for
25 *E.coli*.

26
27

1 **Tuesday, April 16, 2013:** Eight routine total coliform samples were collected and
2 submitted to the laboratory. All eight samples were found to be absent for total
3 coliform bacteria. Chlorine residuals ranged from 0.7 to 1.3 mg/L at the routine
4 sample sites.

5
6 **Tuesday, April 23, 2013:** Eight routine total coliform samples were collected and
7 submitted to the laboratory. One sample (4356 Old Hamner Road) was found to be
8 total coliform-positive, but absent for *E. coli*. Chlorine residuals measured at the
9 routine samples sites ranged from 0.4 to 1.3 mg/L, with the highest level measured at
10 4356 Old Hamner Road. The HPC was 35 CFU/mL in the Old Hamner Road sample.

11
12 **Wednesday, April 24, 2013:** The City collected three repeat samples and a raw
13 water sample from Well 13 and Well 14. One of the repeat samples (downstream
14 sample) was found to be total coliform-positive, but absent for *E. Coli*. Both well
15 samples were absent for *E.Coli*. Chlorine residuals measured at all three repeat
16 sample sites were 1.3 mg/L, and the HPC for the total coliform-positive sample was 4
17 CFU/mL.

18
19 **Thursday, April 25, 2013:** The City notified the Department of the total coliform-
20 positive result and collected another set of repeat samples. All three repeat samples
21 were absent for total coliform; however, with three total coliform-positives samples
22 already, the City has violated the total coliform MCL for the month with more than 5.0
23 percent of the samples collected being total coliform-positive. Chlorine residuals
24 measured at the repeat sample sites ranged from 1.3 to 1.5 mg/L.



1 **Friday, April 26, 2013:** The City was notified of the total coliform MCL violation and
2 directed to provide Tier 2 public notification of the violation to its customers by May 24,
3 2013.

4
5 **Tuesday, April 30, 2013:** Eight routine total coliform samples were collected and
6 submitted to the laboratory. One sample (4356 Old Hamner Road) was found to be
7 total coliform-positive, but absent for *E. coli*. Chlorine residuals measured at the
8 routine sample sites ranged from 0.6 to 1.3 mg/L, with the highest residual measured
9 at the Old Hamner Road sample site. The Old Hamner Road sample had an HPC of
10 10 CFU/mL.

11
12 **Wednesday, May 1, 2013:** The City notified the Department of the total coliform-
13 positive result and collected three repeat samples and two source water samples. The
14 City also notified JCSD of the positive routine sample. All repeat samples were absent
15 for total coliform bacteria and non-detect for HPCs. The chlorine residual measured at
16 the repeat sample sites ranged from 1.1 to 1.2 mg/L. Both source water samples were
17 absent for *E.coli*. Since these repeat samples were collected in May, they will not be
18 included with the monthly samples for compliance determination for April 2013. All six
19 triggered source water samples collected by JCSD in response to the City's routine
20 total coliform-positive sample were absent to *E.Coli*.

21
22 **DISCUSSION OF CONTRIBUTING PROBLEMS, SANITARY HAZARDS AND**
23 **PUBLIC HEALTH SAFEGUARDS**

24 The 4356 Old Hamner Road (actual street name is Old Hamner Avenue) sample site
25 is equipped with a dedicated sample station. The area is served by the City's
26 connection with JCSD, which is located at 5580 Old Hamner Avenue. The source of
27 supply from JCSD consists of a mix of treated groundwater from the Chino II Desalter



1 and water produced by JCSD's groundwater wells, which are disinfected at the
2 wellhead. The Chino II Desalter effluent is disinfected to provide 4-log virus
3 inactivation; therefore, is exempt from triggered source sampling under the GWR. The
4 wellhead disinfection treatment process is not permitted for 4-log virus inactivation;
5 therefore, JCSD is required to sample these wells for *E.coli* upon notification of a
6 routine distribution system total coliform-positive sample in area(s) served by these
7 sources. The City did not notify JCSD of the April 9th and April 23rd routine total
8 coliform-positive samples; therefore, triggered source sampling of JCSD's well was
9 completed only for the April 30th routine total coliform-positive sample. All six JCSD
10 wells sampled May 1, 2013, were absent for *E. Coli*. The City collected a total of eight
11 samples from Wells 13 and 14 during April 2013, six of which were triggered source
12 samples. All samples were absent for *E.Coli*. Although the Old Hamner Road sample
13 site is in an area that is not served by the City's groundwater, the City does not have a
14 representative GWR source water monitoring plan in place; therefore, all active wells
15 are subject to triggered source sampling. The triggered source water samples
16 collected May 1, 2013, were also absent for *E. Coli*.

17
18 Both the City and JCSD sample all active wells on a monthly basis for bacteriological
19 quality. Seven JCSD wells were sampled April 17th and April 18th during the month of
20 April and found to be absent for total coliform and *E.Coli*. A review of the monitoring
21 data indicates that neither the City's wells nor JCSD's wells have any bacteriological
22 problems. JCSD has had a total of four total coliform-positive well samples in the past
23 two years, none of which were *E.coli*-positive. None of the City's wells have come up
24 total coliform-positive or *E.coli*-positive in the past couple of years. Based on historical
25 information and the high residual disinfectant levels measured at the time the total
26 coliform-positive samples were collected, the Department concurs with the City's

1 findings that the coliform-positive samples were not likely a result of any
2 bacteriological contamination in the water supplied by the City or JCSD.

3
4 The City attributes the April 2013 total coliform-positive samples to poor sample site
5 conditions. Conditions noted in the chain of custody for April 9, 23, and 24, 2013,
6 sampling events indicate breezy to windy conditions during the time of sample
7 collection. The sampling station is located at the base of a sandy hill and across the
8 street from a horse farm. Both the wind and horses can stir up a lot of dust and sand,
9 which the City believes was a contributing factor to the positive samples. Other factors
10 include precautions not taken during sample collection. The City plans to abandon this
11 sample site and relocate to a site that is far away from any horse activity. The City
12 must submit a revised BSSP for Department review and approval prior to
13 implementation. The BSSP should also identify the source(s) of water for each
14 sample site to facilitate notification of the appropriate water agencies of a routine
15 coliform-positive sample.

16
17 **DIRECTIVES**

18 The City of Norco is hereby directed to take the following actions:

- 19
20 1. Forthwith, the City shall cease and desist from failing to comply with the Primary
21 Drinking Water Standard for bacteriological water quality.
22
23 2. Within 30 days of receipt of this Citation, the City shall provide a copy of the notice
24 that was distributed and proof of public notification using the enclosed form
25 (Attachment No. 2).
26
27

1 3. Forthwith, the City shall cease and desist from failing to comply with the monitoring
2 and reporting requirements of the Groundwater Rule.

3
4 4. The City shall include information regarding the April 2013 total coliform MCL
5 violation and the GWR notification deficiency in its next Consumer Confidence
6 Report, which must be completed and distributed to consumers before July 1,
7 2014. A draft of the 2013 Consumer Confidence Report shall be submitted to the
8 Department for review and approval prior to distribution and/or posting.

9
10 5. Within 30 days of receipt of this Citation, the City shall submit a revised BSSP that
11 identifies the proposed new sample station(s) for the Department review and
12 approval.

13
14 All submittals required by this Citation shall be sent to:

15
16 J. Steven Williams, P.E.
17 District Engineer
18 Department of Public Health
19 Division of Drinking Water and Environmental Management
20 1350 Front Street, Room 2050
21 San Diego, CA 92101

22
23 **CIVIL PENALTY**

24 Section 116650 (e) of the H&S Code allows for the assessment of a civil penalty for
25 violation of a primary drinking water standard, or failure to comply with a Department
26 issued citation or order. Failure to comply with any provision of this Citation will result
27 in the Department imposing an administrative penalty of not less than \$200.00 (Two
28 hundred dollars) per day as of the date of violation of any provision of this Citation.

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5-6-2013

Date

J. Steven Williams

J. Steven Williams, P.E.,
District Engineer
Drinking Water Field Operations Branch
Department of Public Health

Attachments:

1. April 2013 Coliform Laboratory Results
2. Proof of Notification Form

cc: William R. Thompson, Director of Public Works, City of Norco, 2870 Clark Avenue, Norco, CA 92860 (w/ attachments)

County of Riverside, Department of Environmental Health (w/o attachments)



Attachment No. 1

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis

Sub Project: Microbiology Analysis

Sampler: Albert Hatzenbuhler

Sampled: 04/02/13

Received: 04/02/13 15:18

Reported: 04/08/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D0231-01	12:00	1771 Valley View Ave	0.50	A	A	<1
13D0231-02	11:30	279 Oldenburg Ln	0.60	A	A	<1
13D0231-03	10:08	3378 Corydon Ave	0.90	A	A	<1
13D0231-04	10:23	2309 Alhambra	0.90	A	A	<1
13D0231-05	10:38	4356 Old Hamner Rd	1.30	A	A	<1
13D0231-06	10:51	3424 Valley View Ave	0.90	A	A	<1
13D0231-07	11:15	217 Mt. Rushmore	0.70	A	A	5
13D0231-08	12:14	2575 Three Bar Lane	0.50	A	A	15
13D0231-09	8:51	Well 12 To Waste		A	A	7 [1]
13D0231-10	9:48	Well 13		A	A	50
13D0231-11	9:26	Well 14		A	A	3
13D0231-12	9:14	Well 15 To Waste		A	A	<1

1 = Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

Stephen Kavousy
Project Manager

dmf

Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client City of Norco		System Number 3310025		Analysis Requested			
Address 1281 Fifth Street Norco, CA 92860		Destination Laboratory [X] Clinical Laboratory		Heterotrophic Plate Count SM9215			
Phone # (951) 270-5607		[X] Clinical Laboratory		Coliform SM9223 P/A			
Fax # (951) 735-0186		CDHP Compliance YES					
Project Microbiology Analysis		ELAP # 1088					
Sub Project							
Comments Please fax report to (951) 270-5619 & (951) 735-0186.							
Sampled by Albert Hatzenbuehler							
Date	Time	Sample Identification	Matrix	Preserv	Free Chlorine	Total Chlorine	Comments
4/2/2013	12:00	Bottle 1	DW	7	0.5		Breezy
4/2/2013	11:30	Bottle 2	DW	7	0.6		Windy
4/2/2013	10:08	Bottle 3	DW	7	0.9		Breezy
4/2/2013	10:23	Bottle 4	DW	7	0.9		
4/2/2013	10:38	Bottle 5	DW	7	1.3		
4/2/2013	10:51	Bottle 6	DW	7	0.9		Breezy
4/2/2013	11:15	Bottle 7	DW	7	0.7		Windy
4/2/2013	12:14	Bottle 8	DW	7	0.5		Windy
4/2/2013	8:51	Bottle 9	W	7			Breezy
4/2/2013	9:48	Bottle 10	W	7			
4/2/2013	9:26	Bottle 11	W	7			
4/2/2013	9:14	Bottle 12	W	7			
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:							
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)	
		Albert Hatzenbuehler City Of Norco		4/2/2013 3:18 pm			
Comments: _____							
Samples received: () On ice () Intact () Custody seals Temp 18 () F () C							
Shipped Via		UPS		Client		Other	
		Golden State				Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Microbiology Analysis

Sampler: Albert Hatzenbuhler
Sampled: 04/09/13

Received: 04/09/13 11:50

Reported: 04/12/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D0818-01	9:46	1771 Valley View Ave	1.20	A	A	<1
13D0818-02	9:30	279 Oldenburg Ln	0.30	A	A	<1
13D0818-03	10:20	3378 Corydon Ave	0.90	A	A	3
13D0818-04	10:30	2309 Alhambra	1.00	A	A	<1
13D0818-05	10:36	4356 Old Hamner Rd	1.30	P [1]	A	<1
13D0818-06	10:54	3424 Valley View Ave	1.00	A	A	1
13D0818-07	9:15	217 Mt. Rushmore	1.20	A	A	<1
13D0818-08	9:59	2575 Three Bar Lane	0.30	A	A	6

1 = Notified Terry 4/10/13 0830

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Repeat Samples Old Hamner
Sampler: Albert Hatzenbuhler
Sampled: 04/10/13
Received: 04/10/13 12:05
Reported: 04/12/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D0984-01	10:25	4356 Old Hamner Rd	1.30	A	A	<1
13D0984-02	10:30	4324 Old Hamner Rd	1.20	A	A	<1
13D0984-03	10:35	4355 Old Hamner Rd	1.30	A	A	<1
13D0984-04	10:58	Well 13		A	A	29
13D0984-05	10:49	Well 14		A	A	10

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Microbiology Analysis

Sampler: Albert Hatzenbuhler
Sampled: 04/16/13

Received: 04/16/13 12:35

Reported: 04/22/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D1311-01	9:31	1771 Valley View Ave	0.90	A	A	<1
13D1311-02	9:55	279 Oldenburg Ln	0.70	A	A	<1
13D1311-03	10:46	3378 Corydon Ave	0.90	A	A	<1
13D1311-04	10:37	2309 Alhambra	1.00	A	A	<1
13D1311-05	10:25	4356 Old Hamner Rd	1.30	A	A	24
13D1311-06	10:58	3424 Valley View Ave	1.00	A	A	<1
13D1311-07	10:15	217 Mt. Rushmore	0.80	A	A	<1
13D1311-08	9:21	2575 Three Bar Lane	0.70	A	A	<1

Stephen Kavousy
Project Manager

AMP

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco		System Number 3310025		Analysis Requested 13D131			
Address 1281 Fifth Street Norco, CA 92860							
Phone # (951) 270-5607	Destination Laboratory						
Fax # (951) 735-0186	[X] Clinical Laboratory						
Project Microbiology Analysis	GDHP Compliance						
Sub Project	YES						
Comments Please fax report to (951) 270-5619 & (951) 735-0186.	ELAP #						
Sampled by Albert Hatzenbuehler	1088						
Date	Time	Sample Identification	Matrix	Preserv	Free Chlorine	Total Chlorine	Comments
4/16/2013	9:31	Bottle 1	DW	7	0.9		X
4/16/2013	9:55	Bottle 2	DW	7	0.7		X
4/16/2013	10:46	Bottle 3	DW	7	0.9		X
4/16/2013	10:37	Bottle 4	DW	7	1.0		X
4/16/2013	10:25	Bottle 5	DW	7	1.3		X
4/16/2013	10:58	Bottle 6	DW	7	1.0		X
4/16/2013	10:15	Bottle 7	DW	7	0.8		X
4/16/2013	9:21	Bottle 8	DW	7	0.7		X
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:							
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)	
		Albert Hatzenbuehler City Of Norco		4/16/2013 12:35			
Comments:		Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, W-Well Samples received: (A) On ice (A) Intact () Custody seals Temp 12-3 () F (A) C					
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1			

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Microbiology Analysis

Sampler: Albert Hatzenbuhler
Sampled: 04/23/13

Received: 04/23/13 12:22

Reported: 04/26/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D1818-01	9:49	1771 Valley View Ave	0.90	A	A	<1
13D1818-02	9:13	279 Oldenburg Ln	0.80	A	A	<1
13D1818-03	10:24	3378 Corydon Ave	0.80	A	A	<1
13D1818-04	10:36	2309 Alhambra	1.00	A	A	<1
13D1818-05	10:44	4356 Old Hamner Rd	1.30	P [1]	A	35
13D1818-06	10:56	3424 Valley View Ave	0.90	A	A	<1
13D1818-07	8:55	217 Mt. Rushmore	0.80	A	A	<1
13D1818-08	10:02	2575 Three Bar Lane	0.40	A	A	8

1 = Notified Terry 4/24/13 0900

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco		System Number 3310025		Analysis Requested			
Address 1281 Fifth Street Norco, CA 92860				Heterotrophic Plate Count SM9215			
Phone # (951) 270-5607		Destination Laboratory		Coliform SM9223 P/A			
Fax # (951) 735-0186		[X] Clinical Laboratory					
Project Microbiology Analysis		CDHP Compliance					
Sub Project		YES					
Comments Please fax report to (951) 270-5619 & (951) 735-0186.		ELAP #					
Sampled by Albert Hatzenbuhler		1088					
Date	Time	Sample Identification	Matrix	Presery	Free Chlorine	Total Chlorine	Comments
4/23/2013	9:49	Bottle 1	DW	7	0.9		
4/23/2013	9:13	Bottle 2	DW	7	0.8		
4/23/2013	10:24	Bottle 3	DW	7	0.8		Breezy
4/23/2013	10:36	Bottle 4	DW	7	1.0		Breeze and recent fertilized yard
4/23/2013	10:44	Bottle 5	DW	7	1.3		Breezy
4/23/2013	10:56	Bottle 6	DW	7	0.9		
4/23/2013	8:55	Bottle 7	DW	7	0.8		
4/23/2013	10:02	Bottle 8	DW	7	0.4		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:							
Reinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)	
		Albert Hatzenbuhler		4/23/2013			
Comments:		City Of Norco		12:22pm		CS13	
Shipped Via		[] Fed X [] Golden State [] UPS [] Client [] Other		Samples received: (A) On ice (→) Intact () Custody seals		Temp (6-2 () F (A) C	
						Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Repeat Samples Old Hamner
Sampler: Albert Hatzenbuhler
Sampled: 04/24/13
Received: 04/24/13 11:35
Reported: 04/29/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D1947-01	10:41	4356 Old Hamner Rd	1.30	A	A	<1
13D1947-02	10:46	4324 Old Hamner Rd	1.30	A	A	2
13D1947-03	10:53	4355 Old Hamner Rd	1.30	P [1]	A	4
13D1947-04	10:22	Well 13		A	A	15
13D1947-05	10:07	Well 14		A	A	51

1 = Notified Terry 4/25/13 1215

Stephen Kavousy
Project Manager

13D1947

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco		System Number 3310025		Analysis Requested					
Address 1281 Fifth Street Norco, CA 92860		Destination Laboratory [X] Clinical Laboratory		Heterotrophic Plate Count SM9215					
Phone # (951) 270-5607		CDHP Compliance YES		Coliform SM9223 P/A					
Fax # (951) 735-0186		ELAP # 1088							
Project Microbiology Analysis		Sample Identification							
Sub Project Repeat Samples Old Hammer		Matrix							
Comments Please fax report to (951) 270-5619 & (951) 735-0186.		Preserv							
Sampled by Albert Hatzenbuehler		Free Chlorine							
Date		Total Chlorine		Comments					
4/24/2013	10:41	Bottle 1	4356 Old Hammer Road	DW	7	1.3	X	Lite Winds	
4/24/2013	10:46	Bottle 2	4324 Old Hammer Road	DW	7	1.3	X	Lite Winds	
4/24/2013	10:53	Bottle 3	4355 Old Hammer Road	DW	7	1.3	X	Lite Winds	
4/24/2013	10:22	Bottle 4	Well #13	W	7		X		
4/24/2013	10:07	Bottle 5	Well #14	W	7		X		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:		Date / Time		Print Name / Company		Received By (Sign)		Print Name / Company	
		4/24/2013 11:35		Albert Hatzenbuehler				COB	
Comments:		City Of Norco							
Shipped Via		[] Fed X [] Golden State [] UPS [] Client [] Other						Samples received: () On ice (L) Intact () Custody seals	
								Temp 13.1 () F (4) C	
								Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Repeat Samples Old Hamner
Sampler: Derek Lacombe
Sampled: 04/25/13
Received: 04/25/13 14:37
Reported: 04/29/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D2073-01	13:54	4356 Old Hamner Rd	1.30	A	A	3
13D2073-02	14:05	4324 Old Hamner Rd	1.30	A	A	<1
13D2073-03	14:14	4355 Old Hamner Rd	1.50	A	A	<1
13D2073-04	13:20	Well 13		A	A	1
13D2073-05	13:39	Well 14		A	A	4

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco 1281 Fifth Street Norco, CA 92860		System Number 3310025		Analysis Requested Heterotrophic Plate Count SM9215 Coliform SM9223 P/A			
Phone # (951) 270-5607		Destination Laboratory [X] Clinical Laboratory					
Fax # (951) 735-0186		CDHP Compliance YES					
Project Microbiology Analysis		ELAP # 1088					
Sub Project Repeat Samples Old Hamner							
Comments Please fax report to (951) 270-5619 & (951) 735-0186.							
Sampled by Derek Lacombe							
Date	Time	Sample Identification	Matrix	Preserv.	Free Chlorine	Total Chlorine	Comments
4/25/2013	1:54	Bottle 1	DW	7	1.3		WINDY
4/25/2013	2:08	Bottle 2	DW	7	1.3		WINDY
4/25/2013	2:14	Bottle 3	DW	7	1.5		WINDY
4/25/2013	1:20p	Bottle 4	W	7	—		
4/25/2013	1:39	Bottle 5	W	7	—		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:							
Relinquished By (Sign) 		Print Name / Company Derek Lacombe City Of Norco		Date / Time 4/25/2013 4:57			
Received By (Sign) 		Print Name / Company Andrew Jones		CC50			
Comments:		Samples received: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Custody seals Temp 4.3 <input type="checkbox"/> F <input checked="" type="checkbox"/> C					
Shipped Via		<input type="checkbox"/> Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Other		Page 1 of 1			

Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Microbiology Analysis

Sampler: Derek Lacombe
Sampled: 04/30/13

Received: 04/30/13 13:25

Reported: 05/03/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13D2285-01	11:10	1771 Valley View Ave	1.00	A	A	<1
13D2285-02	10:50	279 Oldenburg Ln	0.60	A	A	<1
13D2285-03	10:00	3378 Corydon Ave	0.60	A	A	<1
13D2285-04	10:20	2309 Alhambra	1.00	A	A	<1
13D2285-05	8:05	4356 Old Hamner Rd	1.30	P [1]	A	10
13D2285-06	11:20	3424 Valley View Ave	1.00	A	A	<1
13D2285-07	10:35	217 Mt. Rushmore	1.00	A	A	<1
13D2285-08	9:15	2575 Three Bar Lane	1.00	A	A	<1

1 = Notified Terry 5/1/13 0820

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco		System Number 3310025		Analysis Requested		3D2285	
Address 1281 Fifth Street Norco, CA 92860		Destination Laboratory [X] Clinical Laboratory		Heterotrophic Plate Count SM9215			
Phone # (951) 270-5607		CDHP Compliance YES		Coliform SM9223 P/A			
Fax # (951) 735-0186		ELAP # 1088					
Project Microbiology Analysis							
Sub Project							
Comments Please fax report to (951) 270-5619 & (951) 735-0186.							
Sampled by Dereck Lacombe							
Date	Time	Sample Identification	Matrix	Preserv	Free Chlorine	Total Chlorine	Comments
4/30/2013	11:10 _A	Bottle 1	DW	7	1.0		
4/30/2013	10:50 _A	Bottle 2	DW	7	.6		
4/30/2013	10:00 _A	Bottle 3	DW	7	.6		
4/30/2013	10:20 _A	Bottle 4	DW	7	1.0		
4/30/2013	8:05 _A	Bottle 5	DW	7	1.3		
4/30/2013	11:20	Bottle 6	DW	7	1.0		
4/30/2013	10:35 _A	Bottle 7	DW	7	1.0		
4/30/2013	9:15 _A	Bottle 8	DW	7	1.0		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:							
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)	
		Dereck Lacombe City Of Norco		4/30/2013 4-30-13 1325			
Comments:						Samples received: () On ice (X) Intact () Custody seals Temp 7.4 () F (X) C	
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1			

Clinical Laboratory of San Bernardino, Inc.



Client: Norco, City of
2870 Clark Avenue
Norco CA, 92860

Contact: Bill Thompson
Phone: (951) 270-5607
Fax: (951) 735-0186
System: 3310025

Project: Microbiology Analysis
Sub Project: Repeat Samples Old Hamner
Sampler: Derek Lacombe
Sampled: 05/01/13
Received: 05/01/13 11:40
Reported: 05/06/13

RESULTS

Laboratory ID	Sample Time	Sample Location	Cl Res Free (Field) mg/L	Total Coliform P/A	E. Coli P/A	Plate Count CFU/ml
13E0065-01	11:15	4324 Old Hamner Rd	1.10	A	A	<1
13E0065-02	11:00	4335 Old Hamner Rd	1.10	A	A	<1
13E0065-03	10:52	4356 Old Hamner Rd	1.20	A	A	<1
13E0065-04	9:44	Well 13		A	A	7
13E0065-05	9:29	Well 14		A	A	20

Stephen Kavousy
Project Manager

1380065

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client City of Norco		System Number 3310025		Analysis Requested	
Address 1281 Fifth Street Norco, CA 92860		Destination Laboratory <input checked="" type="checkbox"/> Clinical Laboratory		Heterotrophic Plate Count SM9215	
Phone # (951) 270-5607		COPC Compliance YES		Coliform SM9223 P/A	
Fax # (951) 735-0186		ELAP # 1088			
Project Microbiology Analysis		Sub Project Repeat Samples Old Hamner			
Comments Please fax report to (951) 270-5619 & (951) 735-0186.		Sample Identification			
Sampled by Derek Lacombe		Matrix			
Date		Present		Total Chlorine	
Time		Free Chlorine		Chlorine	
5/1/2013	8:50	Bottle 1	DW	7	X
5/1/2013	11:00	Bottle 2	DW	7	X
5/1/2013	11:52	Bottle 3	DW	7	X
5/1/2013	9:44	Bottle 4	W	7	X
5/1/2013	9:44	Bottle 5	W	7	X
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:					
Retrieved By (Sign)		Date / Time		Print Name / Company	
		5/1/2013 11:40		Derek Lacombe City Of Norco	
Comments:		Samples received: (X) On ice () Intact () Custody seals		Temp 11.5 () F (X) C	
Shipped Via		Fed X UPS Golden State Other		Page 1 of 1	

Attachment No. 2

Drinking Water Notification to Consumers

PROOF OF NOTIFICATION

Name of Water System: _____

Please explain what caused the problem if you have determined what it was and what steps you have taken to correct it. _____

Consumers Notified _____ Yes _____ No

If not, Explain: _____

Date of Notification: _____

On the date of notification set forth above, I served the above referenced document(s) on the consumers by:

_____ Sending a copy through the U.S. Mail, first class, postage prepaid, addressed to each of the resident(s) at the place where the property is situated, pursuant to the California Civil Code. Attach copy of Notice.

_____ Newspaper (if the problem has been corrected). Attach a copy of Notice.

_____ Personally hand-delivering a copy to each of the consumers. Attach a copy of Notice.

_____ Posted on a public bulletin board, that will be seen by each of the consumers (for small, non-community water systems with prior Department approval). Attach copy of Notice.

I hereby declare the forgoing to be true and correct under penalty of perjury.

Dated: _____

Signature of Person Serving Notice

****Notice:** Complete this Proof of Notification and return it along with a copy of the notification to the Department within 10 days of receipt of giving public notice.

Disclosure: Be advised that the California Health and Safety Code states that any person who knowingly makes a false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by fine of not more than twenty-five thousand dollars (\$25,000) for each day of violation, or be imprisoned in county jail not to exceed one year or by both the fine and imprisonment.