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STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: California Rehabilitation Center - Norco
P.O. Box 1841
Norco, CA 92860-0991

TO: Cynthia Y. Tampkins, Warden
California Rehabilitation Center - Norco

CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 3310800
CITATION NO. 05-20-14C-002
Issued on January 22, 2014

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 California Rehabilitation Center – Norco (hereinafter, CRC) (P.O. Box 1841, Norco, CA 92860-0991) for the following violations:

1. California Code of Regulations (CCR), Title 22, Section 64533(a): Specifically, CRC failed to comply with the Primary Maximum Contaminant Level (MCL) for

1 total trihalomethanes (TTHM) at the Warehouse sample site. For a public water
2 system monitoring quarterly, each locational running annual average (LRAA),
3 computed quarterly, shall not exceed the MCL of 0.080 mg/L (80 µg/L) for total
4 trihalomethanes, consisting of chloroform, bromodichloromethane,
5 dibromochloromethane, and bromoform. The TTHM LRAA for the four-quarter
6 monitoring period of January 1 through December 31, 2013, was 89.3 µg/L for the
7 Warehouse site.

8 9 **BACKGROUND**

10 The CRC water system is operated under Water Supply Permit No. 05-20-07P-004,
11 issued by the Department on January 29, 2007. CRC serves water to approximately
12 5,400 staff and inmates at the Rehabilitation Center in Norco, CA. Water is also
13 supplied to the Center Force (Hospitality House), and the Department of Forestry
14 (Camp Norco). CRC is located within the City of Norco in the northwestern portion of
15 Riverside County, and receives all of its potable water from two service connections
16 with the City of Norco (City). CRC has two reservoirs, one booster station at
17 Reservoir No. 1, and a chlorination station also located at Reservoir No. 1. The water
18 supplied by the City consists primarily of groundwater produced by the City's wells
19 and, depending on system demand and availability, treated groundwater purchased
20 from Western Municipal Water District (WMWD).

21
22 Pursuant to Stage 2 of the Disinfectants/Disinfection Byproducts Rule (DBPR), CRC
23 collects two distribution system samples per quarter for TTHM and HAA5 analyses in
24 accordance with their Department-approved Stage 2 DBPR Monitoring Plan, dated
25 February 24, 2012. Under the Stage 2 DBPR, compliance with the TTHM MCL of
26 0.080 mg/L and the HAA5 MCL of 0.060 mg/L is based on a running annual average,
27 calculated quarterly, for each monitoring location. Under the Stage 2 DBPR, CRC is



1 also required to comply with operational evaluation levels (OELs) for TTHM and HAA5
2 at each monitoring location. The OELs act as an early warning for a possible Stage 2
3 DBPR violation in the following quarter, and when exceeded, triggers comprehensive
4 review of system operations to identify the cause(s) of the exceedance to allow CRC
5 to take proactive steps to prevent the violation.

6

7 The water supplied by the City generally contains a disinfectant residual ranging from
8 0.02 – 2.2 mg/L, measured daily by CRC at each of the two connections with the City.
9 Depending on the time of the year, such as during the summer months and other
10 periods of high water demand, the water provided by the City consists primarily of well
11 water that is generally high in temperature, averaging in the mid-90's °F. CRC's water
12 system infrastructure is aged and in need of repair or replacement. Operational and
13 infrastructural deficiencies are identified in the January 2000 Water Engineering
14 Report and Master Plan (Master Plan) prepared by Robert Bein, William Frost and
15 Associates, and in the Hydraulic Modeling Report prepared by Winzler & Kelly, dated
16 March 8, 2011.

17

18 CRC experiences significant chlorine demand in the system, which may be attributed
19 to aging pipes, faulty valves, and high temperature water provided by the City. These
20 factors contribute to the occurrence of stagnant water and other conditions that
21 facilitate bacteriological growth and disinfection byproduct (DBP) formation. In the
22 past three years (2011 through 2013), CRC has violated the monthly total coliform
23 MCL five times and the TTHM MCL in three consecutive quarters.

24

25 **PREVIOUS ENFORCEMENT ACTIONS**

26 The following enforcement actions were previously issued to this system for a similar
27 violation:



1 October 29, 2013: The Department issued Citation No. 05-20-13C-006 for
2 exceedance of the TTHM MCL at the Warehouse and Unit IV sample sites, based on
3 the four-quarter LRAAs calculated at the end of the third quarter of 2013.

4
5 September 12, 2013: The Department issued Citation No. 05-20-13C-005 for
6 exceedance of the TTHM MCL at the Warehouse sample site, based on the four-
7 quarter LRAA calculated at the end of the second quarter of 2013, and failure to
8 report the results to the Department within 10 days of the end of the second quarter.

9
10 February 1, 2007: The Department issued Citation No. 05-20-07C-002 for
11 exceedance of the TTHM MCL at the end of the third quarter of 2006, and failure to
12 notify the Department and the public of the violation within the required timeframe.

13

14 **CHRONOLOGY OF EVENTS**

15 The following is a chronology of events that occurred leading up to the TTHM MCL
16 failure. The laboratory reports are included as [Attachment No. 1](#).

17

18 **1st Quarter 2013:** A dual sample set was collected on March 11, 2013, at the Unit IV
19 and Warehouse sample sites. The TTHM and HAA5 levels in the Unit IV sample
20 were 87.3 µg/L and 15.1 µg/L, respectively. The TTHM and HAA5 levels in the
21 Warehouse sample were 89.3 µg/L and 10.4 µg/L, respectively. After four quarters of
22 sampling, the TTHM locational running annual averages (LRAAs) for the Unit IV and
23 Warehouse sample sites were 78.3 µg/L and 62.8 µg/L, respectively. The TTHM
24 OELs for the Unit IV and Warehouse sites were 91.3 µg/L and 85.0 µg/L, respectively.
25 Both sites were determined to have exceeded the TTHM OEL of 80 µg/L, triggering
26 an operational evaluation of the system and operations to identify the cause of the

1 OEL exceedances. The Department received a copy of the OEL report on June 13,
2 2013.

3
4 **2nd Quarter 2013:** A dual sample set was collected on June 10, 2013, at the Unit IV
5 and Warehouse sample sites. The TTHM and HAA5 levels in the Unit IV sample
6 were 32.5 µg/L and 2.7 µg/L, respectively. The resultant TTHM LRAA and OEL were
7 77.6 µg/L and 58.1 µg/L, respectively. TTHM and HAA5 levels in the Warehouse
8 sample were 112.0 µg/L and 3.6 µg/L, respectively, resulting in a TTHM LRAA of 90.6
9 µg/L and a TTHM OEL of 89.6 µg/L. CRC was issued a citation for failing the TTHM
10 MCL and directed to provide Tier 2 public notification and conduct a more in-depth
11 evaluation to determine the cause of the elevated TTHM levels.

12
13 **3rd Quarter 2013:** A dual sample set was collected on September 11, 2013, at the
14 Unit IV and Warehouse sample sites. The TTHM and HAA5 levels in the Unit IV
15 sample were 168 µg/L and 16.6 µg/L, respectively. The resultant TTHM LRAA and
16 OEL were 92.0 µg/L and 114.0 µg/L, respectively. The TTHM and HAA5 levels in the
17 Warehouse sample site were 115 µg/L and 4.6 µg/L, respectively, resulting in a TTHM
18 LRAA of 90.4 µg/L, and a TTHM OEL of 108.0 µg/L. The preliminary results were
19 reported to the Department by CRC via email on September 30, 2013. The final
20 laboratory results were received by the Department in hard copy on October 11, 2013.

21
22 **4th Quarter 2013:** CRC collected a sample at the Unit IV and Warehouse sample
23 sites on November 19, 2013, for TTHM analysis. The TTHM level in the Unit IV and
24 Warehouse sample was 27.0 µg/L and 47.5 µg/L, respectively. A dual sample set
25 was collected on December 11, 2013, at the Unit IV and Warehouse sample sites in
26 accordance with the schedule specified in the Stage 2 DBPR Monitoring Plan. The
27 TTHM and HAA5 levels in the Unit IV sample were 30.1 µg/L and 6.7 µg/L,



1 respectively. The THHM and HAA5 levels in the Warehouse sample were 33.4 µg/L
2 and 6.6 µg/L, respectively. With two TTHM samples each, the TTHM arithmetic
3 average for the quarter was 28.6 µg/L for Unit IV and 40.5 µg/L for the Warehouse
4 site. The resultant TTHM LRAA and OEL for the Unit IV sample site were 79.1 µg/L
5 and 64.4 µg/L, respectively. The Unit IV sample site is considered to be in
6 compliance with the TTHM MCL. With a resultant TTHM LRAA of 89.3 µg/L, the
7 Warehouse site is in violation of the TTHM MCL. The corresponding OEL for the
8 Warehouse site was 77.0 µg/L. The results were reported to the Department by the
9 laboratory via email on January 6, 2014.

10

11 **DISCUSSION OF CONTRIBUTING PROBLEMS, SANITARY HAZARDS AND**
12 **PUBLIC HEALTH SAFEGUARDS**

13 CRC attributes the high TTHM levels to a combination of factors that include aging
14 pipes, faulty valves, and high water temperature. Because high temperatures
15 promote the accelerated depletion of residual chlorine in the water, CRC has to
16 provide additional chlorination at Reservoir No. 1 in order to maintain a detectable
17 residual throughout the distribution system in order to control bacteriological growth
18 and to comply with the disinfectant residual requirement set by the Department. Past
19 and present evaluations of the system have identified operational and infrastructural
20 deficiencies that contribute to prolonged detention time of water in the system,
21 providing for increased chlorine contact time for DBP formation.

22

23 In response to the Department's directive in the previous citation for an in-depth
24 evaluation to identify possible factors that may be contributing to increased DBP
25 formation, CRC consulted with City operators and identified various broken or faulty
26 valves in the system that need replacing. CRC anticipates that replacing the valves
27 will facilitate better water flow through the system and eliminate areas where water



1 may become stagnant. CRC should make every effort to make the necessary
2 improvements as soon as possible to return the system to compliance with drinking
3 water standards and to avoid further enforcement action.

4

5 **DIRECTIVES**

6 CRC is hereby directed to take the following actions:

7

8 1. Forthwith, CRC shall cease and desist from failing to comply with the Primary
9 Drinking Water Standard for total trihalomethanes (TTHM).

10

11 2. By February 5, 2014, CRC shall post Department-approved notices of the TTHM
12 MCL violation at the Warehouse site and at conspicuous locations throughout the
13 institution. The notices must remain posted until such time monitoring results
14 indicate that CRC has returned to compliance with the TTHM MCL.

15

16 3. Within 30 days of receipt of this Citation, CRC shall provide proof of public
17 notification using the enclosed form ([Attachment No. 2](#)). Include in the certification
18 of notification the number of notices posted, and the locations where the notices
19 were posted, and how long the notices were posted.

20

21 4. CRC shall include information regarding the TTHM MCL violation in its next
22 Consumer Confidence Report, which must be completed and distributed to staff
23 and inmates by July 1, 2014. A draft of the Consumer Confidence Report shall be
24 submitted to the Department for review and approval prior to distribution and/or
25 posting.

26

1 5. Within 30 days of receipt of this citation, CRC shall provide a written response with
2 an update on the status of the valve replacement project.

3
4 All submittals required by this citation shall be sent to:

5
6 J. Steven Williams, P.E.
7 District Engineer
8 Department of Public Health
9 Division of Drinking Water and Environmental Management
10 1350 Front Street, Room 2050
11 San Diego, CA 92101
12

13 **CIVIL PENALTY**

14 Subsections 116650 (d) and (e) of the H&S Code allow for the assessment of an
15 administrative penalty for failure to comply with requirements of the California Safe
16 Drinking Water Act. Failure to comply with any provision of this citation may result in
17 the Department imposing a civil penalty of up to \$1,000 (one thousand dollars) per
18 day as of the date of violation of any provision of this citation.
19
20
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23
24 1-22-2014
25 Date

26 J. Steven Williams
27 J. Steven Williams, P.E.,
28 District Engineer
29 Drinking Water Field Operations Branch
30 Department of Public Health
31



1 Attachments:

2

3

1. Quarterly DBP Monitoring Results (1st Quarter 2013 – 4th Quarter 2013)

4

2. Proof of Notification Form

5

6

cc: County of Riverside, Department of Environmental Health

7

8

Deanna Rogers, Capital Outlay Analyst, Department of Corrections and Rehabilitation, Facilities Management Division, Capital Outlay Section, P.O. Box 942883, Sacramento, CA 94283-0001

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Kimberly Hughes, Associate Warden – Business Services, California Rehabilitation Center - Norco, P.O. Box 1841, Norco, CA 92860-0991

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David Huskey, Correctional Plant Manager A, California Rehabilitation Center - Norco, P.O. Box 1841, Norco, CA 92860-0991

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Attachment No. 1

System Name: California Rehabilitation Center - Norco System No.: 3310800 Year: 2013 Quarter: 4 TTHM MCL = 0.080 mg/L or 80 ug/L

Year	2012				2013			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Quarter	6/12	9/17	12/17		3/11	6/10	9/11	12/11
Sample Date (month/day)								
Monitoring Location								
#								
1 Unit IV	35.0	110.6	80.1	76.5	87.3	32.5	168.0	28.6
2 Warehouse	1.0	116.0	44.6	51.5	89.8	112.0	115.0	40.4
3								
4								
Number of Samples Taken	2	2	2		2	2	2	4
Meets MCL for all monitoring locations? (c)	<input type="checkbox"/> Yes <input type="checkbox"/> No							
If no, list monitoring location # where MCL not met								
Will the LRAA calc based on < 4 qtrs of data exceed the MCL regardless of the monitoring results of subsequent qtrs? (d)	<input type="checkbox"/> Yes <input type="checkbox"/> No							
If yes, list monitoring location # where MCL not met								

Year	2012				2013			
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Quarter	6/12	9/17	12/17		3/11	6/10	9/11	12/11
Sample Date (month/day)								
Monitoring Location								
#								
1 Unit IV	17.0	13.6	5.0	10.2	15.1	2.7	16.6	6.6
2 Warehouse	1.8	10.6	5.9	6.0	10.4	3.6	4.6	6.7
3								
4								
Number of Samples Taken	2	2	2		2	2	2	2
Meets MCL for all monitoring locations? (c)	<input type="checkbox"/> Yes <input type="checkbox"/> No							
If no, list monitoring location # where MCL not met								
Will the LRAA calc based on < 4 qtrs of data exceed the MCL regardless of the monitoring results of subsequent qtrs? (d)	<input type="checkbox"/> Yes <input type="checkbox"/> No							
If yes, list monitoring location # where MCL not met								

(a) Operational Evaluation Level (OEL) means the sum of the 2 previous quarter's results plus twice the current quarter's result, divided by 4 to determine an average.
 Example: 4th Qtr OEL = $\frac{(2nd\ Qtr\ TTHM\ result) + (3rd\ Qtr\ TTHM\ result) + [2 \times (4th\ Qtr\ TTHM\ result)]}{4}$

(b) Location Running Annual Average (LRAA) means the average of results for samples taken at a particular monitoring location during the previous four calendar quarters.
 Example: 4th Qtr LRAA = $\frac{(1st\ Qtr\ TTHM\ result) + (2nd\ Qtr\ TTHM\ result) + (3rd\ Qtr\ TTHM\ result) + (4th\ Qtr\ TTHM\ result)}{4}$

(c) If OEL exceeds the MCL, system must conduct an operational evaluation and submit a report to CDPH no later than 90 days after being notified of the analytical result that caused the OEL exceedance. If LRAA exceeds the MCL, systems on annual or less frequent monitoring must begin monitoring quarterly, and system on quarterly monitoring must conduct public notification. For the initial 3 quarters of monitoring under Stage 2 DBPR only, compliance is based on meeting the following (1) First Quarter - 4X MCL, (2) Second Quarter Average - 2X MCL, (3) Third Quarter Average - 1.33X MCL. This is the method used in Title 22, Section 64535.2, to determine compliance with criteria (d) below for the first year of monitoring.

(d) If any individual quarter's result will cause the LRAA to exceed the MCL, the system is out of compliance at the end of that quarter.

Comments: Q4-2012: Warehouse sample collected 1/23/13; Q4-2013: both sites sampled 11/28 and 12/11 for TTHM. Q4-2013 TTHM result reflects average of the two sample results.

JAN 13 2014

Signature:

Date: 1-8-2014

Q1 2013

Excelchem Environmental Labs

California State Prison: CA Rehabilitation Center 5th Street & Western Norco, CA 91760	Project: Drinking Water Project Number: [none] Project Manager: Singh Rai	Date Reported: 03/27/13 14:28
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Unit IV
1303122-01 (Drinking Water)

Analyte	Result	Reporting Limit	MDL	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Trihalomethanes by GC/MS									
Total Trihalomethanes	87.3	0.5	0.5	ug/l	AWC0118	03/12/13	03/12/13	EPA 524	
Chloroform	1.4	0.5	0.1	"	"	"	"	"	
Bromodichloromethane	5.5	0.5	0.1	"	"	"	"	"	
Dibromochloromethane	22.5	0.5	0.08	"	"	"	"	"	
Bromoform	58.0	0.5	0.1	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>	<i>103 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: Toluene-d8</i>	<i>98.0 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>111 %</i>	% Recovery Limits		<i>70-130</i>					"
Haloacetic Acids									
Monochloroacetic Acid	ND	2.00	2.00	ug/l	AWC0270	03/21/13	03/23/13	EPA 552.2	
Monobromoacetic Acid	1.50	1.00	1.00	"	"	"	"	"	
Dichloroacetic Acid	1.71	1.00	1.00	"	"	"	"	"	
Trichloroacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dibromoacetic Acid	11.9	1.00	1.00	"	"	"	"	"	
Total Haloacetic Acids (HAA5)	15.1	10.0	10.0	"	"	"	"	"	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>70.2 %</i>	% Recovery Limits		<i>70-130</i>					"
Wet Chemistry									
Color	ND	1.00	1.00	Color Units	AWC0106	03/11/13	03/11/13	SM2120B	
Specific Conductance (EC)	920	5.00	1.09	uS/cm	AWC0124	03/11/13	03/11/13	EPA 120.1	
MBAS	ND	0.100	0.0600	mg/L	AWC0108	03/12/13	03/12/13	SM5540C	
Odor	ND	1.00	1.00	T.O.N.	AWC0114	03/12/13	03/12/13	SM2150B	
pH	7.98	0.100	0.100	pH Units	AWC0120	03/11/13	03/11/13	SM 4500-H+ B	Field
Total Dissolved Solids	480	15.0	7.68	mg/L	AWC0268	03/17/13	03/22/13	SM 2540C	
Turbidity	0.1	0.1	0.02	NTU	AWC0107	03/12/13	03/12/13	EPA 180.1	

Excelchem Environmental Lab.



Laboratory Representative

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.

01 2013

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California State Prison: CA Rehabilitation Center 5th Street & Western Norco, CA 91760	Project: Drinking Water Project Number: [none] Project Manager: Singh Rai	Date Reported: 03/27/13 14:28
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Warehouse
1303122-05 (Drinking Water)

Analyte	Result	Reporting Limit	MDL	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Trihalomethanes by GC/MS

Total Trihalomethanes	89.8	0.5	0.5	ug/l	AWC0118	03/12/13	03/12/13	EPA 524	
Chloroform	1.6	0.5	0.1	"	"	"	"	"	
Bromodichloromethane	5.8	0.5	0.1	"	"	"	"	"	
Dibromochloromethane	23.5	0.5	0.08	"	"	"	"	"	
Bromoform	59.0	0.5	0.1	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>	93.9 %	% Recovery Limits		70-130					"
<i>Surrogate: Toluene-d8</i>	99.1 %	% Recovery Limits		70-130					"
<i>Surrogate: 4-Bromofluorobenzene</i>	111 %	% Recovery Limits		70-130					"

Haloacetic Acids

Monochloroacetic Acid	ND	2.00	2.00	ug/l	AWC0270	03/21/13	03/23/13	EPA 552.2	
Monobromoacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dichloroacetic Acid	1.58	1.00	1.00	"	"	"	"	"	
Trichloroacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dibromoacetic Acid	8.83	1.00	1.00	"	"	"	"	"	
Total Haloacetic Acids (HAA5)	10.4	10.0	10.0	"	"	"	"	"	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	76.2 %	% Recovery Limits		70-130					"

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Laboratory Representative

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02 2013

STATE OF CALIFORNIA
DEPT. OF PUBLIC HEALTH

JUL 19 2013

Excelchem Environmental Labs

California State Prison: CA Rehabilitation Center 5th Street & Western Norco, CA 91760	Project: Drinking Water Project Number: [none] Project Manager: Singh Rai	Date Reported: 07/08/13 11:08
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**Warehouse
1306116-01 (Drinking Water)**

Analyte	Result	Reporting Limit	MDL	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Trihalomethanes by GC/MS

Total Trihalomethanes	112	0.5	0.5	ug/l	AWF0202	06/11/13	06/11/13	EPA 524	
Chloroform	1.2	0.5	0.1	"	"	"	"	"	
Bromodichloromethane	4.2	0.5	0.1	"	"	"	"	"	
Dibromochloromethane	18.9	0.5	0.08	"	"	"	"	"	
Bromoform	87.6	0.5	0.1	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>	<i>99.4 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: Toluene-d8</i>	<i>97.4 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>118 %</i>	% Recovery Limits		<i>70-130</i>					"

Haloacetic Acids

Monochloroacetic Acid	ND	2.00	2.00	ug/l	AWF0206	06/17/13	06/21/13	EPA 552.2	
Monobromoacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dichloroacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Trichloroacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dibromoacetic Acid	3.56	1.00	1.00	"	"	"	"	"	
Total Haloacetic Acids (HAA5)	ND	10.0	10.0	"	"	"	"	"	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>44.9 %</i>	% Recovery Limits		<i>70-130</i>					<i>S-LOW</i>

Wet Chemistry

Color	ND	1.00	1.00	Color Units	AWF0135	06/11/13	06/11/13	SM2120B	
Specific Conductance (EC)	930	5.00	1.09	uS/cm	AWF0134	06/11/13	06/11/13	EPA 120.1	
MBAS	ND	0.100	0.0600	mg/L	AWF0149	06/12/13	06/12/13	SM5540C	
Odor	ND	1.00	1.00	T.O.N.	AWF0121	06/10/13	06/10/13	SM2150B	
pH	8.09	0.100	0.100	pH Units	AWF0133	06/11/13	06/11/13	SM 4500-H+ B	Field
Total Dissolved Solids	506	15.0	7.68	mg/L	AWF0175	06/12/13	06/14/13	SM 2540C	
Turbidity	0.2	0.1	0.02	NTU	AWF0126	06/11/13	06/11/13	EPA 180.1	

Excelchem Environmental Lab.



Laboratory Representative

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Q 2 2013

Excelchem Environmental Labs

California State Prison: CA Rehabilitation Center 5th Street & Western Norco, CA 91760	Project: Drinking Water Project Number: [none] Project Manager: Singh Rai	Date Reported: 07/08/13 11:08
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**Unit IV
1306116-05 (Drinking Water)**

Analyte	Result	Reporting Limit	MDL	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
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Trihalomethanes by GC/MS

Total Trihalomethanes	32.5	0.5	0.5	ug/l	AWF0202	06/11/13	06/11/13	EPA 524	
Chloroform	1.2	0.5	0.1	"	"	"	"	"	
Bromodichloromethane	3.1	0.5	0.1	"	"	"	"	"	
Dibromochloromethane	9.0	0.5	0.08	"	"	"	"	"	
Bromoform	19.2	0.5	0.1	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>	<i>101 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: Toluene-d8</i>	<i>95.0 %</i>	% Recovery Limits		<i>70-130</i>					"
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>120 %</i>	% Recovery Limits		<i>70-130</i>					"

Haloacetic Acids

Monochloroacetic Acid	ND	2.00	2.00	ug/l	AWF0206	06/17/13	06/21/13	EPA 552.2	
Monobromoacetic Acid	1.19	1.00	1.00	"	"	"	"	"	
Dichloroacetic Acid	1.54	1.00	1.00	"	"	"	"	"	
Trichloroacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Dibromoacetic Acid	ND	1.00	1.00	"	"	"	"	"	
Total Haloacetic Acids (HAA5)	ND	10.0	10.0	"	"	"	"	"	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>54.9 %</i>	% Recovery Limits		<i>70-130</i>					<i>S-LOW</i>

STATE OF CALIFORNIA
DEPT. OF ENVIRONMENTAL HEALTH

JUL 19 2013

Excelchem Environmental Lab.

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.



Laboratory Representative

TRUESDAIL LABORATORIES, INC.

EXCELLENCE IN INDEPENDENT TESTING



Established 1931

14201 FRANKLIN AVENUE
TUSTIN, CALIFORNIA 92780-7008
(714) 730-6239 · FAX (714) 730-6462
www.truesdail.com

REPORT

Client: California Rehabilitation Center

5th and Western Avenue

Norco, CA 91760

Attention: Singh Rai

Project Name: Weekly Routine

Project Number: Agmnt #5600003884

P.O. Number: 4400002277

Release Number:

Laboratory No. 809915

Page 1 of 8

Printed 10/1/2013

Samples Received on 9/11/2013 4:25:00 PM

Field ID	Lab ID	Collected	Matrix
Warehouse	809915-001	09/11/2013 09:20	W
Vistor Processing	809915-002	09/11/2013 08:45	W
Unit IV	809915-003	09/11/2013 07:45	W
Navy	809915-004	09/11/2013 10:00	W
Reservoir	809915-005	09/11/2013 10:40	W

Comments:

HAA5 by EPA 552.2 analyzed by Jeff Swallow. TTHMs by EPA 524.2 analyzed by Kevin Dooling. Total Coliform, HPC and MBAS analyzed by Maria Mangarova. TDS and Specific Conductivity analyzed by Jenny Tankunakorn. pH analyzed by Naheed Eidinejad. General Physical analyzed by Kim Luck.

Heterotrophic Plate Count HPC SM 9215B

Batch HPC-PCA 9/11/2013 CRC

Parameter	Unit	Analyzed	DF	MDL	RL	Result
809915-001 Plate Count	CFU/mL	09/13/2013 17:30	1.00	1.00	1.00	ND
809915-002 Plate Count	CFU/mL	09/13/2013 17:30	1.00	1.00	1.00	1
809915-004 Plate Count	CFU/mL	09/13/2013 17:30	1.00	1.00	1.00	ND
809915-005 Plate Count	CFU/mL	09/13/2013 17:30	1.00	1.00	1.00	ND



Client: California Rehabilitation Center

Project Name: Weekly Routine
Project Number: Agrmnt #5600003884

Page 6 of 8
Printed 10/1/2013

EPA 524.2 - GC/MS

Batch TTHMs 809915

Parameter	Unit	Analyzed	DF	MDL	RL	Result
809915-001 Bromodichloromethane	ug/L	09/20/2013	1.00	0.0630	0.500	4.46
Bromofluorobenzene	%	09/20/2013	1.00	80.0	80.0	98.4
Bromoform	ug/L	09/20/2013	1.00	0.0910	0.500	91.6
Chloroform	ug/L	09/20/2013	1.00	0.0900	0.500	1.12
Dibromochloromethane	ug/L	09/20/2013	1.00	0.104	0.500	17.4
Total Trihalomethanes	ug/L	09/20/2013	1.00	0.0920	0.500	115
809915-003 Bromodichloromethane	ug/L	09/20/2013	1.00	0.0630	0.500	6.67
Bromofluorobenzene	%	09/20/2013	1.00	80.0	80.0	95.5
Bromoform	ug/L	09/20/2013	1.00	0.0910	0.500	133
Chloroform	ug/L	09/20/2013	1.00	0.0900	0.500	1.70
Dibromochloromethane	ug/L	09/20/2013	1.00	0.104	0.500	26.1
Total Trihalomethanes	ug/L	09/20/2013	1.00	0.0920	0.500	168

Coliform P/A Test - Colilert (18h)

Batch ColilertPA 9/11/2013 CRC

Parameter	Unit	Analyzed	DF	MDL	RL	Result
809915-001 Coliforms, Total	P/A/100mL	09/12/2013 11:15	1.00	1.00	1.00	Absent
809915-002 Coliforms, Total	P/A/100mL	09/12/2013 11:15	1.00	1.00	1.00	Absent
809915-004 Coliforms, Total	P/A/100mL	09/12/2013 11:15	1.00	1.00	1.00	Absent
809915-005 Coliforms, Total	P/A/100mL	09/12/2013 11:15	1.00	1.00	1.00	Absent

Residual Chlorine

Batch ResCl 09/11/2013

Parameter	Unit	Analyzed	DF	MDL	RL	Result
809915-001 Chlorine Residual	mg/L	09/11/2013	1	0.500	0.100	0.200
809915-002 Chlorine Residual	mg/L	09/11/2013	1	0.500	0.100	0.310
809915-003 Chlorine Residual	mg/L	09/11/2013	1	0.500	0.100	0.210
809915-004 Chlorine Residual	mg/L	09/11/2013	1	0.500	0.100	0.200
809915-005 Chlorine Residual	mg/L	09/11/2013	1	0.500	0.100	0.230



Client: California Rehabilitation Center

Project Name: Weekly Routine

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Project Number: Agmt #5600003884

Printed 10/1/2013

EPA 552 HAA's

Batch 710552

Parameter	Unit	Analyzed	DF	MDL	RL	Result
809915-001 Dibromoacetic acid	ug/L	09/18/2013	1.00	0.226	1.00	4.58
Dibromopropionic Acid	%	09/18/2013	1.00	0	70.0	98.8
Dichloroacetic acid	ug/L	09/18/2013	1.00	0.342	1.00	ND
Monobromacetic acid	ug/L	09/18/2013	1.00	0.297	1.00	ND
Monochloroacetic acid	ug/L	09/18/2013	1.00	0.389	1.00	ND
Total Haloacetic Acids (HAA5)	ug/L	09/18/2013	1.00	0.844	1.00	4.58
Trichloroacetic acid	ug/L	09/18/2013	1.00	0.153	1.00	ND
809915-003 Dibromoacetic acid	ug/L	09/18/2013	1.00	0.226	1.00	14.2
Dibromopropionic Acid	%	09/18/2013	1.00	0	70.0	122
Dichloroacetic acid	ug/L	09/18/2013	1.00	0.342	1.00	ND
Monobromacetic acid	ug/L	09/18/2013	1.00	0.297	1.00	1.45
Monochloroacetic acid	ug/L	09/18/2013	1.00	0.389	1.00	ND
Total Haloacetic Acids (HAA5)	ug/L	09/18/2013	1.00	0.844	1.00	16.6
Trichloroacetic acid	ug/L	09/18/2013	1.00	0.153	1.00	ND

Method Blank

Parameter	Unit	DF	Result
Monochloroacetic acid	ug/L	1.00	ND
Dichloroacetic acid	ug/L	1.00	ND
Trichloroacetic acid	ug/L	1.00	ND
Monobromacetic acid	ug/L	1.00	ND
Dibromoacetic acid	ug/L	1.00	ND
Dibromopropionic Acid	%	1.00	82.9
Total Haloacetic Acids (HAA5)	ug/L	1.00	ND

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www.truesdail.com

REPORT

Client: California Rehabilitation Center

5th and Western Avenue

Norco, CA 91760

Attention: Singh Rai

Project Name: TTHMs

Project Number: Agmnt #5600003884

P.O. Number: 4400002277

Release Number:

Laboratory No. 810998

Page 1 of 3

Printed 12/4/2013

Samples Received on 11/20/2013 2:16:00 PM

Field ID	Lab ID	Collected	Matrix
Warehouse	810998-001	11/20/2013 12:30	W
Unit IV	810998-002	11/20/2013 13:00	W
5th St.	810998-003	11/20/2013 13:30	W
Western	810998-004	11/20/2013 14:00	W

Comments:

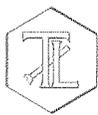
THMs analyzed by Kevin Dooling.

EPA 524.2 - GC/MS

Batch EPA524.2 11/26/2013

Parameter	Unit	Analyzed	DF	MDL	RL	Result
810998-001 Bromodichloromethane	ug/L	11/26/2013	1.00	0.0630	0.500	3.78
Bromoform	ug/L	11/26/2013	1.00	0.0910	0.500	31.0
Chloroform	ug/L	11/26/2013	1.00	0.0900	0.500	ND
Dibromochloromethane	ug/L	11/26/2013	1.00	0.104	0.500	12.3
Total Trihalomethanes	ug/L	11/26/2013	1.00	0.0920	0.500	47.5
810998-002 Bromodichloromethane	ug/L	11/26/2013	1.00	0.0630	0.500	1.49
Bromoform	ug/L	11/26/2013	1.00	0.0910	0.500	20.1
Chloroform	ug/L	11/26/2013	1.00	0.0900	0.500	ND
Dibromochloromethane	ug/L	11/26/2013	1.00	0.104	0.500	5.40
Total Trihalomethanes	ug/L	11/26/2013	1.00	0.0920	0.500	27.0
810998-003 Bromodichloromethane	ug/L	11/26/2013	1.00	0.0630	0.500	4.30
Bromoform	ug/L	11/26/2013	1.00	0.0910	0.500	35.1
Chloroform	ug/L	11/26/2013	1.00	0.0900	0.500	0.532
Dibromochloromethane	ug/L	11/26/2013	1.00	0.104	0.500	13.7
Total Trihalomethanes	ug/L	11/26/2013	1.00	0.0920	0.500	53.6
810998-004 Bromodichloromethane	ug/L	11/26/2013	1.00	0.0630	0.500	2.96

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from Truesdail Laboratories.



Client: California Rehabilitation Center

Project Name: TTHMs

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Project Number: Agmnt #5600003884

Printed 12/4/2013

810998-004 Bromoform	ug/L	11/26/2013	1.00	0.0910	0.500	23.5
Chloroform	ug/L	11/26/2013	1.00	0.0900	0.500	ND
Dibromochloromethane	ug/L	11/26/2013	1.00	0.104	0.500	9.96
Total Trihalomethanes	ug/L	11/26/2013	1.00	0.0920	0.500	36.4

Method Blank

Parameter	Unit	DF	Result
Bromodichloromethane	ug/L	1.00	ND
Bromoform	ug/L	1.00	ND
Chloroform	ug/L	1.00	ND
Dibromochloromethane	ug/L	1.00	ND

Lab Control Sample

Parameter	Unit	DF	Result	Expected	Recovery	Acceptance Range
Bromodichloromethane	ug/L	1.00	4.69	5.00	93.8	70 - 130
Bromoform	ug/L	1.00	4.87	5.00	97.4	70 - 130
Chloroform	ug/L	1.00	4.10	5.00	82.0	70 - 130
Dibromochloromethane	ug/L	1.00	4.83	5.00	96.6	70 - 130
Bromofluorobenzene	ug/L	1.00	4.93	5.00	98.6	70 - 130

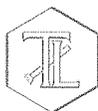
Lab Control Sample Duplicate

Parameter	Unit	DF	Result	Expected	Recovery	Acceptance Range
Bromodichloromethane	ug/L	1.00	4.35	5.00	87.0	70 - 130
Bromoform	ug/L	1.00	4.35	5.00	87.0	70 - 130
Chloroform	ug/L	1.00	3.84	5.00	76.8	70 - 130
Dibromochloromethane	ug/L	1.00	4.36	5.00	87.2	70 - 130
Bromofluorobenzene	ug/L	1.00	4.84	5.00	96.8	70 - 130

MRCCS - Secondary

Parameter	Unit	DF	Result	Expected	Recovery	Acceptance Range
Bromodichloromethane	ug/L	1.00	9.67	10.0	96.7	70 - 130
Bromoform	ug/L	1.00	10.0	10.0	100	70 - 130
Chloroform	ug/L	1.00	8.95	10.0	89.5	70 - 130
Dibromochloromethane	ug/L	1.00	9.74	10.0	97.4	70 - 130
Bromofluorobenzene	ug/L	1.00	4.92	5.00	98.4	70 - 130

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Client: California Rehabilitation Center

Project Name: TTHMs

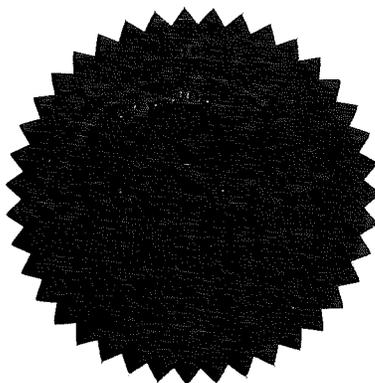
Page 3 of 3

Project Number: Agmnt #5600003884

Printed 12/4/2013

MRCVS - Primary

Parameter	Unit	DF	Result	Expected	Recovery	Acceptance Range
Bromodichloromethane	ug/L	1.00	9.26	10.0	92.6	70 - 130
Bromoform	ug/L	1.00	9.55	10.0	95.5	70 - 130
Chloroform	ug/L	1.00	8.72	10.0	87.2	70 - 130
Dibromochloromethane	ug/L	1.00	9.32	10.0	93.2	70 - 130
Bromofluorobenzene	ug/L	1.00	4.95	5.00	99.0	70 - 130



Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

Shelly Brady

Shelly Brady
Project Manager

CHAIN OF CUSTODY

TRUESDAIL LABORATORIES, INC.
 14201 FRANKLIN AVENUE - TUSTIN, CA 92780-7008
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TURNAROUND TIME Normal TAT
 X
 DATE: 11/19/13 PAGE: 1 OF 1

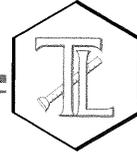
810998
 METHODS

COMPANY CONTACT	PHONE ADDRESS	SAMPLER (PRINTED) & PHONE NUMBER	SAMPLE I.D.	DATE	TIME	MATRIX	Container Type:		Total / Fecal / E coli (P/A)	HPC	Color, Odor, Turbidity	Specific Conductance	MBAS	TDS	PH	NUMBER OF CONTAINERS	COMMENTS
							Preservatives:	Standard Agreement #									
California Rehabilitation Center (CRC) Mr. Singh Rai (951) 737-2683 ext 4470 5th and Western Avenue Norco, CA 91760 (Riverside County) Project: Weekly Routine																	5600003884 Please Circle the Following EDT Required? Yes No PS Code:
Plant Ops																	Chlorine Residual Additional Information
Warehouse				11/19/13	12:30												
Visitor Processing				11/19/13	1:00												
Unit IV				11/19/13	1:30												
Newy				11/19/13	2:00												
Reservoir																	
5th St																	
Webster																	
Chain of Custody Signature Record																	
Relinquished by:		Signature		Date / Time		Company / Agency		MYOB Code		Description		Price		LABORATORY SAMPLE LOGIN		TOTAL NUMBER OF CONTAINERS	
		<i>[Signature]</i>		11/20/13 1050		TCU		21 - Coli (P/A)		21 - HPC		5		5600003884		5	
Received by:		Signature		Date / Time		Company / Agency		41 - GP (Color, Odor, Turbidity)		41 - Elec Conductivity		17		RECEIVED		Cool <input type="checkbox"/> Warm <input type="checkbox"/>	
		<i>[Signature]</i>		11/20/13 1050		TCU		41 - MBAS		41 - TDS		7		13°C		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Relinquished by:		Signature		Date / Time		Company / Agency		41 - pH				10		SPECIAL REQUIREMENTS:			
		<i>[Signature]</i>		11/20/13 216PM		TCU						4					
Received by:		Signature		Date / Time		Company / Agency											
		<i>[Signature]</i>		11/20/13 1141		TCU											
Received by:		Signature		Date / Time		Company / Agency											
		<i>[Signature]</i>		11/20/13 1141		TCU											

Get Sample Conditions See Form Attached

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www.truesdail.com

REPORT

Client: California Rehabilitation Center

5th and Western Avenue
Norco, CA 91760

Attention: Singh Rai

Project Name: Weekly Routine

Project Number: Agmnt #5600003884

P.O. Number: 4400002277

Release Number:

Laboratory No. 811334

Page 1 of 9

Printed 1/6/2014

Samples Received on 12/11/2013 6:45:00 PM

Field ID	Lab ID	Collected	Matrix
Warehouse	811334-001	12/11/2013 09:15	W
Vistor Processing	811334-002	12/11/2013 09:40	W
Unit IV	811334-003	12/11/2013 08:30	W
Navy	811334-004	12/11/2013 10:00	W
Reservoir	811334-005	12/11/2013 10:30	W

Comments:

MBAS and Total Coliforms analyzed by Maria Managrova. HPC analyzed by Paymon Abri. General Physical and pH analyzed by Himani Vaishnav. TTHMs by EPA 524.2 analyzed by Kevin Dooling. HAA5s by EPA 552.2 analyzed by Jose Guerrero. TDS and Specific Conductivity analyzed by Jenny Tankunakorn.

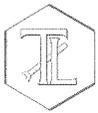
Heterotrophic Plate Count HPC SM 9215B

Batch HPC-PCA 12/11/2013

Parameter	Unit	Analyzed	DF	MDL	RL	Result
811334-001 Plate Count	CFU/mL	12/13/2013 15:30	1	1.00	1.00	10
811334-002 Plate Count	CFU/mL	12/13/2013 15:30	1	1.00	1.00	1
811334-004 Plate Count	CFU/mL	12/13/2013 15:30	1	1.00	1.00	2
811334-005 Plate Count	CFU/mL	12/13/2013 15:30	1	1.00	1.00	ND

Method Blank

Parameter	Unit	DF	Result
Plate Count	CFU/n	1	ND



Client: California Rehabilitation Center

Project Name: Weekly Routine

Page 5 of 9

Project Number: Agmnt #5600003884

Printed 1/6/2014

EPA 552 HAA's		Batch 552 811334				
Parameter	Unit	Analyzed	DF	MDL	RL	Result
811334-001 Dibromoacetic acid	ug/L	12/16/2013	1.00	0.226	1.00	6.63
Dibromopropionic Acid	%	12/16/2013	1.00	0	0	106
Dichloroacetic acid	ug/L	12/16/2013	1.00	0.342	1.00	ND
Monobromacetic acid	ug/L	12/16/2013	1.00	0.297	1.00	ND
Monochloroacetic acid	ug/L	12/16/2013	1.00	0.389	1.00	ND
Total Haloacetic Acids (HAA5)	ug/L	12/16/2013	1.00	0.844	1.00	6.63
Trichloroacetic acid	ug/L	12/16/2013	1.00	0.153	1.00	ND
811334-003 Dibromoacetic acid	ug/L	12/16/2013	1.00	0.226	1.00	6.72
Dibromopropionic Acid	%	12/16/2013	1.00	0	0	122
Dichloroacetic acid	ug/L	12/16/2013	1.00	0.342	1.00	ND
Monobromacetic acid	ug/L	12/16/2013	1.00	0.297	1.00	ND
Monochloroacetic acid	ug/L	12/16/2013	1.00	0.389	1.00	ND
Total Haloacetic Acids (HAA5)	ug/L	12/16/2013	1.00	0.844	1.00	6.72
Trichloroacetic acid	ug/L	12/16/2013	1.00	0.153	1.00	ND
Method Blank						
Parameter	Unit	DF	Result			
Monochloroacetic acid	ug/L	1.00	ND			
Dichloroacetic acid	ug/L	1.00	ND			
Trichloroacetic acid	ug/L	1.00	ND			
Monobromacetic acid	ug/L	1.00	ND			
Dibromoacetic acid	ug/L	1.00	ND			
Dibromopropionic Acid	%	1.00	105			
Total Haloacetic Acids (HAA5)	ug/L	1.00	ND			

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Client: California Rehabilitation Center

Project Name: Weekly Routine
Project Number: Agmnt #5600003884

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Printed 1/6/2014

EPA 524.2 - GC/MS

Batch 524.2 811334

Parameter	Unit	Analyzed	DF	MDL	RL	Result
811334-001 Bromodichloromethane	ug/L	12/15/2013	1.00	0.0630	0.500	1.41
Bromofluorobenzene	%	12/15/2013	1.00	80.0	80.0	97.2
Bromoform	ug/L	12/15/2013	1.00	0.0910	0.500	26.0
Chloroform	ug/L	12/15/2013	1.00	0.0900	0.500	ND
Dibromochloromethane	ug/L	12/15/2013	1.00	0.104	0.500	5.98
Total Trihalomethanes	ug/L	12/15/2013	1.00	0.0920	0.500	33.4
811334-003 Bromodichloromethane	ug/L	12/15/2013	1.00	0.0630	0.500	1.30
Bromofluorobenzene	%	12/15/2013	1.00	80.0	80.0	96.2
Bromoform	ug/L	12/15/2013	1.00	0.0910	0.500	22.9
Chloroform	ug/L	12/15/2013	1.00	0.0900	0.500	ND
Dibromochloromethane	ug/L	12/15/2013	1.00	0.104	0.500	5.93
Total Trihalomethanes	ug/L	12/15/2013	1.00	0.0920	0.500	30.1

Method Blank

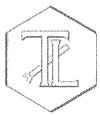
Parameter	Unit	DF	Result
Bromodichloromethane	ug/L	1.00	ND
Bromoform	ug/L	1.00	ND
Chloroform	ug/L	1.00	ND
Dibromochloromethane	ug/L	1.00	ND
Total Trihalomethanes	ug/L	1.00	ND
Bromofluorobenzene	%	1.00	101

Coliform P/A Test - Colilert (18h)

Batch ColilertPA 12/11/2013

Parameter	Unit	Analyzed	DF	MDL	RL	Result
811334-001 Coliforms, Total	P/A/100mL	12/12/2013 13:30	1	1.00	1.00	Absent
811334-002 Coliforms, Total	P/A/100mL	12/12/2013 13:30	1	1.00	1.00	Absent
811334-004 Coliforms, Total	P/A/100mL	12/12/2013 13:30	1	1.00	1.00	Absent
811334-005 Coliforms, Total	P/A/100mL	12/12/2013 13:30	1	1.00	1.00	Absent

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from Truesdail Laboratories.



Client: California Rehabilitation Center

Project Name: Weekly Routine

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Project Number: Agmnt #5600003884

Printed 1/6/2014

Total Dissolved Solids by SM 2540 C

Batch 12TDS13C

Parameter	Unit	Analyzed	DF	MDL	RL	Result
811334-001 Total Dissolved Solids	mg/L	12/12/2013	1.00	1.76	25.0	474
811334-002 Total Dissolved Solids	mg/L	12/12/2013	1.00	1.76	25.0	458
811334-004 Total Dissolved Solids	mg/L	12/12/2013	1.00	1.76	25.0	453
811334-005 Total Dissolved Solids	mg/L	12/12/2013	1.00	1.76	25.0	459

Method Blank

Parameter	Unit	DF	Result
Total Dissolved Solids	mg/L	1.00	ND

Duplicate

Lab ID = 811312-001

Parameter	Unit	DF	Result	Expected	RPD	Acceptance Range
Total Dissolved Solids	mg/L	5.00	4320	4340	0.578	0 - 10

Lab Control Sample

Parameter	Unit	DF	Result	Expected	Recovery	Acceptance Range
Total Dissolved Solids	mg/L	1.00	513	500	103	90 - 110

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CHAIN OF CUSTODY

TRUESDAIL LABORATORIES, INC.
 14201 FRANKLIN AVENUE - TUSTIN, CA 92780-7008
 (714) 730-6239 - FAX (714) 730-6462

X TURNAROUND TIME Normal TAT
 DATE: 12/11/13 PAGE: 1 OF 1

METHODS 811334

COMPANY California Rehabilitation Center (CRC)		CONTACT Mr. Singh Rai		PHONE Direct Line - (951) 737-2683 ext 4470 FAX (951) 273-2342		ADDRESS 5th and Western Avenue Norco, CA 91760		Project: Weekly Routine								
SAMPLES (SIGNATURE)		SAMPLE I.D.	DATE	TIME	DESCRIPTION	Total / Fecal / E coli (P/A)	Heterotrophic Plate Count (HPC)	Color, Odor, Turbidity	Specific Conductance	MBAS	Total Dissolved Solids (TDS)	pH	TTHM	HAA5	NUMBER OF CONTAINERS	COMMENTS
Plant Ops																
Warehouse			12/11/13	0915		X	X	X	X	X	X	X	X			0.20
Visitor Processing			12/11/13	0940		X	X	X	X	X	X	X	X			0.20
Unit IV			12/11/13	0830		X	X	X	X	X	X	X	X			0.20 0.21
Navy			12/11/13	1000		X	X	X	X	X	X	X	X			0.48
Reservoir			12/11/13	1030		X	X	X	X	X	X	X	X			0.58
Rec'd 12/11/13 S7d 811334 CL2 Residuals																

Chain of Custody Signature Record

LABORATORY SAMPLE LOGIN	MYOB Code	Description	Date/Time	Company/ Agency	Signature	Price
(Enter following line items on invoice):						
21 - Coli (P/A)			12-11-13 1130			5
21 - HPC			12-11-13 1130			3
41-Color			12-11-13 6:45			5
41-Odor			12-11-13 6:45			7
41-Turbidity			12-11-13 6:45			5
41 - Elec Conductivity			12-11-13 6:45			7
41 - MBAS						22
41 - TDS						8
41 - pH						4
Total						

RECEIVED
 Cool Warm
 Yes No
 SPECIAL REQUIREMENTS:

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.