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Report To: Castle Rock Water Company
 4121 Dunsmuir Ave.
 Dunsmuir, CA 96025

Lab Number: 14H0303-03
Date: 09/10/14
Phone: 530-678-4444
Date Sampled: 8/6/14 11:30
Date Received: 8/6/14 13:41
P.O. #:

Attention: Joe Ganim

Project: Bottled Water Testing
Sample: Site 3 Spring

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Description: Spring

GROUP I (Physical)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
2540C	Total Dissolved Solids	98	mg/l	500	5**
2130B	Turbidity	n	NTU	5	0.5**
2120B	Color	n	units	15	5
2150	Odor	n	T.O.N.	3	2

GROUP II (Chemical Substance 1)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
200.8	Aluminum	n	ug/l	200	50
200.8	Antimony	n	ug/l	6	6.0
200.8	Arsenic	n	ug/l	10	2
200.8	Barium	n	ug/l	2000	100
200.8	Beryllium	n	ug/l	4	1
200.8	Cadmium	n	ug/l	5	1
300.0	Chloride	3	mg/l	250	1**
200.8	Chromium	n	ug/l	100	10
200.8	Copper	n	ug/l	1000	50
4500 CN-E	Cyanide	n	ug/l	200	100
300.0	Fluoride	n	mg/l	1.4 -2.4	0.1
200.7	Iron	n	mg/l	0.3	0.1
200.8	Lead	n	ug/l	5	5
200.8	Manganese	n	ug/l	50	20
200.8	Mercury	n	ug/l	2	1
200.8	Nickel	n	ug/l	100	10
353.2	Nitrate as N	n	mg/l	10	0.45
353.2	Nitrite as N	n	mg/l	1.0	0.4
353.2	Nitrate + Nitrite as N	n	mg/l	10.0	0.4
420.4	Phenols - Low Level*	n	mg/l	0.001	0.001
200.8	Selenium	n	ug/l	50	5
200.8	Silver	n	ug/l	100	10
300.0	Sulfate	1.0	mg/l	250	0.5
200.8	Thallium	n	ug/l	2	1
200.8	Zinc	n	ug/l	5000	50

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GROUP III (Chemical Substance 2 - Volatile Organic Chemicals or VOCs)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
524.2	Bromodichloromethane	n	ug/l		1
524.2	Bromoform	n	ug/l		1
524.2	Chloroform (Trichloromethane)	n	ug/l		1
524.2	Dibromochloromethane	n	ug/l		1
524.2	Total Trihalomethanes (TTHMs)	n	ug/l	10	0.5**
524.2	Benzene	n	ug/l	5	0.5
524.2	Carbon tetrachloride	n	ug/l	5	0.5
524.2	Chlorobenzene (Monochlorobenzene)	n	ug/l	100	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	n	ug/l	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	n	ug/l	75	0.5
524.2	1,2-Dichloroethane	n	ug/l	5	0.5
524.2	1,1-Dichloroethene	n	ug/l	7	0.5
524.2	cis 1,2-Dichloroethene	n	ug/l	70	0.5
524.2	trans 1,2-Dichloroethene	n	ug/l	100	0.5
524.2	Dichloromethane (Methylene Chloride)	n	ug/l	5	0.5
524.2	1,2-Dichloropropane	n	ug/l	5	0.5
524.2	Ethyl benzene	n	ug/l	700	0.5
524.2	Styrene	n	ug/l	100	0.5
524.2	Tetrachloroethene (PCE)	n	ug/l	5	0.5
524.2	Toluene	n	ug/l	1000	0.5
524.2	1,2,4-Trichlorobenzene	n	ug/l	70	0.5
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	n	ug/l	200	0.5
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	n	ug/l	5	0.5
524.2	Trichloroethene (TCE)	n	ug/l	5	0.5
524.2	Vinyl Chloride (VC)	n	ug/l	2	0.5
524.2	Total Xylenes (m,p, & o)	n	ug/l	10,000	0.5**

Reported By: *Kimberly*



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GROUP IV (Chemical Substance 3 - Non-Volatile Synthetic Organic Chemicals or SOCs)*

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
504.1	Dibromochloropropane (DBCP)	n	ug/l	0.2	0.01
504.1	Ethylene Dibromide (EDB)	n	ug/l	0.05	0.02
508	Endrin	n	ug/l	2	0.1
508	Heptachlor	n	ug/l	0.4	0.01
508	Heptachlor epoxide	n	ug/l	0.2	0.01
508	Lindane (gamma-BHC)	n	ug/l	0.2	0.2
508	Methoxychlor	n	ug/l	40	10
508	Chlordane	n	ug/l	2	0.1
508	Polychlorinated Biphenyls (Total PCBs)	n	ug/l	0.5	0.5
508	Toxaphene	n	ug/l	3	1
508	Hexachlorobenzene	n	ug/l	1	0.5
508	Hexachlorocyclopentadiene	n	ug/l	50	1
515.3	2,4-D	n	ug/l	70	10
515.3	2,4,5-TP (Silvex)	n	ug/l	50	1
515.3	Dalapon	n	ug/l	200	10
515.3	Dinoseb (DNBP)	n	ug/l	7	2
515.3	Pentachlorophenol (PCP)	n	ug/l	1	0.2
515.3	Picloram	n	ug/l	500	1
525.2	Alachlor (Alanex)	n	ug/l	2	1
525.2	Atrazine (AAtrex)	n	ug/l	3	0.5
525.2	Benzo (a) pyrene	n	ug/l	0.2	0.1
525.2	Bis(2-ethylhexyl) adipate	n	ug/l	400	5
525.2	Bis(2-ethylhexyl) phthalate	n	ug/l	6	3
525.2	Simazine	n	ug/l	4	1
531.1	Carbofuran (Furadan)	n	ug/l	40	5
531.1	Oxamyl (Vydate)	n	ug/l	200	20
547	Glyphosate	n	ug/l	700	25
548.1	Endothall	n	ug/l	100	45
549.2	Diquat	n	ug/l	20	4
1613	2,3,7,8 - TCDD (Dioxin)	n	pg/l	30	5

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GROUP V (Radioactivity)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
900.0	Gross Alpha	n	pCi/l	15	3
900.0	Gross Beta	n	pCi/l	50	4
RA-05	Radium 228	n	pCi/l	2	1
903/904	Radium 226 + Radium 228		pCi/l	5	1
ASTM D5174	Uranium		ug/l	30	1

If Gross Alpha is <5pCi/L, Radium 226 does not have to be analyzed. Determine only Radium 228. If Gross Alpha is <15pCi/L, Uranium does not have to be analyzed.

GROUP VI (Bacteriological)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
SM 9221 B	Coliforms: Multi Tube Fermentation	<1.1	MPN/100 mL	2.2	1:1
SM 9222 D	Coliforms: Membrane Filter	<1	c/100 mL	1	1

GROUP VII (Disinfection Byproducts and Residual Disinfectants)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
326.0	Bromate (BrO ₃)	n	mg/l	0.010	0.005
300.1	Chlorite (ClO ₂)	n	mg/l	1.0	0.02
552.2	Haloacetic Acids (HAA5)	n	ug/l	60	2**
4500 Cl F	Chloramine (as Cl ₂)	n	mg/l	4.0	0.1**
4500 Cl, D, E	Chlorine (as Cl ₂)	n	mg/l	4.0	0.1**
4500 ClO ₂ C, E	Chlorine Dioxide (ClO ₂) as Cl ₂	n	mg/l	0.8	0.1**

Only source water from a public water system or from a source treated with a chlorine-based disinfectant or ozone, has to be tested for residual disinfectants and DBPs. Product water must be tested annually.

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UNREGULATED ORGANIC CHEMICALS

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR
515.3	Dicamba (Banvel)	n	ug/l		1.5
524.2	Bromobenzene	n	ug/l		0.5
524.2	Bromochloromethane	n	ug/l		0.5
524.2	Bromomethane (Methyl Bromide)	n	ug/l		0.5
524.2	n-Butylbenzene	n	ug/l		0.5
524.2	sec-Butylbenzene	n	ug/l		0.5
524.2	tert-Butylbenzene	n	ug/l		0.5
524.2	Chloroethane	n	ug/l		0.5
524.2	Chloromethane (Methyl Chloride)	n	ug/l		0.5
524.2	2-Chlorotoluene	n	ug/l		0.5
524.2	4-Chlorotoluene	n	ug/l		0.5
524.2	Dibromomethane	n	ug/l		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	n	ug/l		0.5
524.2	Dichlorodifluoromethane (Freon 12)	n	ug/l		0.5
524.2	1,3-Dichloropropane	n	ug/l		0.5
524.2	2,2-Dichloropropane	n	ug/l		0.5
524.2	1,1-Dichloropropene	n	ug/l		0.5
524.2	Hexachlorobutadiene	n	ug/l		0.5
524.2	Isopropylbenzene (Cumene)	n	ug/l		0.5
524.2	p-Isopropyltoluene	n	ug/l		0.5**
524.2	Naphthalene	n	ug/l		0.5
524.2	n-propylbenzene	n	ug/l		0.5
524.2	1,1,1,2-Tetrachloroethane	n	ug/l		0.5
524.2	1,2,3-Trichlorobenzene	n	ug/l		0.5
524.2	1,2,3-Trichloropropane	n	ug/l		0.08***
524.2	1,2,4-Trimethylbenzene	n	ug/l		0.5**
524.2	1,3,5-Trimethylbenzene	n	ug/l		0.5
525.2	Bromacil (Hyvar)	n	ug/l		10
525.2	Dimethoate (Cygon)	n	ug/l		10**
525.2	Metolachlor	n	ug/l		0.5**
525.2	Metribuzin	n	ug/l		0.5**
525.2	Prometryn (Caparol)	n	ug/l		2

*** The laboratory DL for 1,2,3-Trichloropropane is above the CA DHS listed DLR of 0.005 ug/l.

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Sample: Site 1 Finish Product Spring

Description: Spring

Unregulated Drinking Water Analyses (General Mineral)

METHOD	TEST	RESULTS	UNITS	MCL/ACL	DLR**
200.7	Calcium	11	mg/l		1
200.7	Magnesium	5	mg/l		1
200.7	Sodium	7	mg/l		1
200.7	Potassium	2	mg/l		1
2320B	Bicarbonate	69	mg/l		5
2320B	Carbonate	n	mg/l		5
2320B	Hydroxide	n	mg/l		5
4500-H+	pH	7.11	units		0.01
2320B	Alkalinity-Total @CaCO3	56	mg/l		5
2340C	Hardness-Total @CaCO3	42	mg/l		3
2510B	Specific Conductance @25C	119	umhos/cm	900-1600-2200	10
5540	MBAS	n	mg/l	0.5	0.05

Notes: n - Not detected.

DLR - Detection Limit concentration. MCL/ACL - maximum contaminant level / action level.

ELAP Cert. #1677.

* Phenols subcontracted to NELAC Cert. #01114CA; Group IV subcontracted to NELAP Cert. #04229CA and NELAP Cert. #02113CA; Group V subcontracted to NELAP Cert. # 02118CA and NELAP Cert. #04229CA; Group VII subcontracted to NELAP Cert. #04229CA.

** Lab detection limit only - not required by the California Code of Regulations.

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