



CLWA - Water Quality Laboratory  
 27234 Bouquet Canyon Road  
 Santa Clarita, CA 91350-2173

EDT

*09-07-13*

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 09/07/28

Sample ID No. Well e-15 070109

Laboratory

Signature Lab

Name: CASTAIC LAKE WATER AGENCY

Director: \_\_\_\_\_

Name of Sampler: J. Saenz

Employed By: Valencia Water Co.

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 09/07/01/0000

Received @ Lab: 09/07/01/0000

Completed: 09/07/13

System

System

Name: VALENCIA WATER CO.

Number: 1910240

Name or Number of Sample Source: WELL E-15

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 \* User ID: 4TH Station Number: 1910240-062 \*  
 \* Date/Time of Sample: |09|07|01|0000| Laboratory Code: 2104 \*  
 \* YY MM DD TTTT YY MM DD \*  
 \* Date Analysis completed: |09|07|13| \*  
 \* Submitted by: \_\_\_\_\_ Phone #: \_\_\_\_\_ \*  
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MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900	434	
	mg/L	Calcium (Ca) (mg/L)	00916	109	
	mg/L	Magnesium (Mg) (mg/L)	00927	39.2	
	mg/L	Sodium (NA) (mg/L)	00929	99.4	
	mg/L	Potassium (K) (mg/L)	00937	4.3	

| Total Cations Meq/L Value: 13.10 |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	224	
	mg/L	Hydroxide (OH) (mg/L)	71830	< 1	
	mg/L	Carbonate (CO3) (mg/L)	00445	< 1	
	mg/L	Bicarbonate (HCO3) (mg/L)	00440	273	
*	mg/L+	Sulfate (SO4) (mg/L)	00945	271	.5
*	mg/L+	Chloride (Cl) (mg/L)	00940	95	
45	mg/L	Nitrate (as NO3) (mg/L)	71850	12.8	2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951	0.79	.1

| Total Anions Meq/L Value: 13.05 |

	Std.Units+	PH (Laboratory) (Std.Units)	00403	7.35	
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095	1303	
****	mg/L+	Total Filterable Residue@180C(TDS)(mg/L)	70300	815	
15	Units	Apparent Color (Unfiltered) (Units)	00081	< 5	
3	TON	Odor Threshold at 60 C (TON)	00086	1	1.
5	NTU	Lab Turbidity (NTU)	82079	0.05	
0.5	mg/L+	MBAS (mg/L)	38260		

\* 250-500-600 \*\* 0.6-1.7 \*\*\* 900-1600-2200 \*\*\*\* 500-1000-1500

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
1000	ug/L	Aluminum (Al) (ug/L)	01105	< 50.0	50.0
6	ug/L	Antimony (ug/L)	01097	< 6.0	6.0
10	ug/L	Arsenic (As) (ug/L)	01002	< 2.0	2.0
1000	ug/L	Barium (Ba) (ug/L)	01007	< 100.0	100.0
4	ug/L	Beryllium (ug/L)	01012	< 1.0	1.0
5	ug/L	Cadmium (Cd) (ug/L)	01027	< 1.0	1.0
50	ug/L	Chromium (Total Cr) (ug/L)	01034	< 10.0	10.0
1000	ug/L+	Copper (Cu) (ug/L)	01042	< 50.0	50.0
300	ug/L+	Iron (Fe) (ug/L)	01045	< 100.0	100.0
50	ug/L+	Manganese (Mn) (ug/L)	01055	< 20.0	20.0
100	ug/L	Nickel (ug/L)	01067	< 10.0	10.0
50	ug/L	Selenium (Se) (ug/L)	01147	< 5.0	5.0
100	ug/L+	Silver (Ag) (ug/L)	01077	< 10.0	10.0
2	ug/L	Thallium (ug/L)	01059	< 1.0	1.0
5000	ug/L	Zinc (Zn) (ug/L)	01092	< 50.0	50.0

## ADDITIONAL ANALYSES

		Langelier Index at 60 C	71813	1.44	
		Agressiveness Index	82383	13.1	
10000	ug/L	Nitrate + Nitrite as Nitrogen(N) (ug/L)	A-029	2890	400

+ Indicates Secondary Drinking Water Standards